TECHNICAL DRAINAGE STUDY
Skye Canyon
(Phase 3B, 3C Infrastructure)

City of Las Vegas, Nevada

Job No.: OLY1609.000
Date: February 2018

Prepared By:
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NV Professional Engineer No. 18287

Assisted by: Erick Mata, EI

HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL

DRAINAGE STUDY INFORMATION FORM

Name of Development: Skye Canyon – Phase 3B, 3C Infrastructure Date: February 2018

Location of Development: a) Descriptive (Cross Streets): North/South: Skye Village Road

East/West: Iron Mountain Road

b) Section: 12 Township: 19 South Range: 59 East

c) APN: 126-12-101-002

Name of Owner/Developer: M F Land, LLC / Ninety-Five Management, LLC

Telephone No.: 702-220-6565 Fax No.: 702-220-6566 E-mail Address: mbolduc@olympiacompanies.com

Address: 11411 Southern Highlands Parkway, Suite 300; Las Vegas, NV 89141

Contact Person – Name: Lant Leavitt, P.E. Telephone No.: 702-284-5300

*E-mail Address: lleavitt@shg-inc.com Fax No.: 702-284-5399

Firm: Slater Hanifan Group

Address: 5740 S. Arville Street, Suite 216; Las Vegas, NV 89118

Type of Land Development/Land Disturbance Process:

☐	Rezoning	☐	Subdivision Map	☐	Clearing and grading Only
☐	Parcel Map	☐	Planned Unit Development	☒	Other (Please specify below)
☐	Large Parcel Map	☐	Building Permit	☐	Roadway & Storm Drain Infrastructure

1. Total Owned Land Area: At Site: 665 Acres Being Developed/Disturbed: 20 Acres +/-

2. Is a portion or all of the subject property located in a FEMA Flood Hazard Area? ☐ Yes** ☒ No

3. Is the property bordered or crossed by an existing or proposed Clark County Regional Flood Control District Master Planned Facility? ☒ Yes** ☐ No

4. Proposed type of development (Residential, Commercial, Etc.): Roadway & Storm Drain Infrastructure

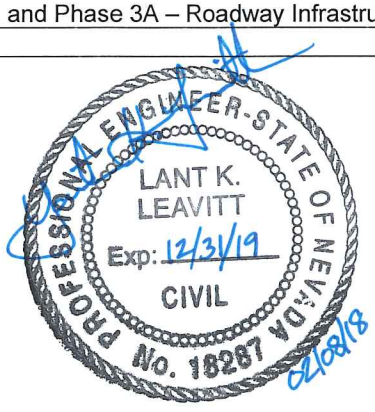
5. Approximate upstream land area which drains to the subject site: 1800 acre +/-

6. Has the site drainage been evaluated in the past? ☒ Yes** ☐ No If yes, please identify documentation:

Master Drainage Study for Skye Canyon Update #4 (SHG, DS4420)

7. If known, please briefly identify the proposed discharge point(s) of runoff from the site: Skye Village Road thru MOHU 0036

8. Briefly describe your proposed schedule for the subject project: ASAP Upon Substantial Completion of Detention Basin 2 Facilities and Phase 3A – Roadway Infrastructure.



Engineer's Seal

Submit this form as part of the required drainage study to the local entity which has jurisdiction over The subject property. This form may provide sufficient information to serve as the Conceptual Drainage Study.

*Newly Required Field

**Review and concurrence of the Clark County Regional Flood Control District is required

Revision	Date

Local Entity File No.

REFERENCE: ***SHG Job No. OLY1609.000***

STANDARD FORM 1

Updated 05/01/2008

CITY OF LAS VEGAS

MINIMUM DRAINAGE STUDY CRITERIA
STANDARD FORM 2 CHECKLIST SUPPLEMENT

(Revised 5/18/11)

The following checklist is intended as a supplemental guide for the engineer preparing a Technical Drainage Study submittal to the City of Las Vegas. This supplement focuses on requirements specific to the City of Las Vegas. The requirements presented are in addition to the Clark County Regional Flood Control District (CCRFCD) Manual Standard Form 2. The listed items are the minimum information required prior to the City performing a review. The engineer will remain responsible to ensure the Technical Drainage Study is prepared within the guidelines as set forth in the CCRFCD Hydrologic Criteria and Drainage Design Manual (Design Manual).

An appointment must be made to preview this checklist in conjunction with CCRFCD Standard Form 2 prior to the City accepting a new drainage study for review. The engineer must contact the Flood Control Section at (702) 229-6541 to schedule a submittal appointment.

If items are not applicable for the subject site, provide N/A.

I. GENERAL REQUIREMENT		
Yes	No	
-	N/A	A notarized letter from the adjacent property owner(s) allowing off-site grading. (A copy of the letter must be received prior to final acceptance of the drainage study.)
-	X	Copies of all conditions of approval for development related to this property. (e.g. zoning, use permit, tentative map, etc.) Verify compliance with conditions. **Tentative Map currently being processed.
X	-	An electronic copy of the complete submittal is required to be submitted with one original hard copy of the study. Electronic documents should be on a universal computer-readable digital output device replicating your submittal. An Indexed Portable Document Format (PDF) or Print Ready CAD file formats with a minimum of 300dpi are the desired formats. If figures are in color, they must be scanned in color and saved as a separate file. _____ by initial here, the engineer on record acknowledges that the electronic copy is an identical replicate of the original hard copy submitted to the City of Las Vegas.

II. GRADING PLAN INFORMATION		
Yes	No	
X	-	(1) 24" X 36" copy of the Grading Plan, (including all Detail Sheets) sealed by the engineer.
X	-	Proposed future and existing spot grades for top of curbs and street crowns at lot lines, grade breaks, and along curb returns on both sides of the street. Note: Proposed top of curb elevations must be provided for both sides of roadways even if only half street construction is required.
X	-	Label existing topography at a minimum 5 foot elevation interval including adjacent developments, finished floor elevations of existing buildings and top of existing curbs extending 100 feet* around the perimeter of the site. (*Measured from the centerline of the adjacent roadway.)

II. GRADING PLAN INFORMATION		
Yes	No	
X	-	Proposed on-site and off-site storm drains and other flood control facilities with plan and profile sheets for public storm drains showing the class of pipe, (Class III, IV, V, etc.), design hydraulic grade line, (HGL) and 100 year storm flow. A public drainage easement must be provided over on-site storm drains conveying off-site flows. An overflow path must be provided over all storm drains.
-	N/A	All existing and "to be constructed" walls with cross-sections showing wall type, (e.g. block wall, retaining wall, flood wall, etc.), with limits clearly defined, adjacent ground elevations. Wall heights must meet current ordinances and in no case exceed 14 feet above the adjacent property.
X	-	Street slopes for both interior and perimeter streets. Note: The minimum slope for a roadway is 0.4 percent, a minimum 18-inch storm drain must be provided where minimum slopes cannot be met.
-	N/A	Back of lot elevations and lot drainage pattern for all lots including common lots.
-	N/A	Sites with a grade difference two feet above or below existing ground are required to have approval from City of Las Vegas Current Planning. Current Planning approval is required prior to final approval of the drainage study.
X	-	On-site facilities must perpetuate flows through or around the site without significantly impacting adjacent property owners. (The project must pass flows through the site every 600 feet where the project is blocking flow paths.)
-	N/A	This project uses a solid grouted stem wall (or approved alternate) at the back of sidewalk to provide erosion protection for landscaped areas where the depth of flow in the roadway exceeds the back of walk elevation. A corresponding cross-section detail is included.
-	N/A	Commercial and Common Lot Landscape areas are not allowed to drain over the sidewalk. The grading plans show flow lines with grades and sidewalk under drains for all landscape areas draining to the public ROW.

III. Local Entity Criteria - City of Las Vegas – Manual Section 1600		
Yes	No	
-	N/A	Concrete valley gutters are required in parking lots with slopes less than 1 percent. Slopes through cul-de-sac must be at a 1 percent minimum where flow is drained through the cul-de-sac.
-	N/A	Ten-foot wide public drainage easements to be privately maintained are allowed for flow less than 20 cfs. The depth of flow entering the easement must be checked using the submerged weir calculation.
-	N/A	The limits of the flood zones and the base flood elevations (BFE) must be shown on all grading plans for all developments within a Special Flood Hazard Zone A, AO, AE, etc.
-	N/A	Minimum finish floor elevation is 6 inches above highest adjacent top of curb. Finish floor calculations must include allowances for super elevations on curves and velocity head for tee intersections.
-	N/A	Finished floor elevations for buildings adjacent to public drainage easements must be a minimum of 18 inches above the Q100 weir of submerged weir elevation, whichever is greater.

III. Local Entity Criteria - City of Las Vegas – Manual Section 1600		
Yes	No	
-	N/A	Lots with "B and C Type Drainage" that drain from one lot to another through a drainage easement shall be required to install an underground nuisance drainage system or a 2-foot valley gutter. 16" x 24" minimum block wall openings are required for both options.
-	N/A	Bubblers are required across 80 foot and greater ROW streets. When flows exceed 10 cfs, bubblers larger than 18 inches will be required up to a maximum of 36". Inlets must be sized to match the pipe size provided.

- Contact the Flood Control Section regarding the drainage study review fee. These fees are payable at the time of submittal.
- The Drainage Study must be conditionally approved prior to submitting improvement plans to the Civil and Planning Development of the Department of Building and Safety for review.

This document is intended as an **aid** in preparing Technical Drainage Studies for the City of Las Vegas. Each study submitted is reviewed for compliance with local and regional criteria. This form is not intended to be all-inclusive and does not limit the extent of the information, calculations or exhibits which may be necessary to properly evaluate the intended land use.

HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL

DRAINAGE SUBMITTAL CHECKLIST

Project Name: Skye Canyon – Phase 3B, 3C Infrastructure		Map ID:
Firm Name: Slater Hanifan Group (SHG)		
Address: 5740 S. Arville St., Suite 216		
City: Las Vegas	State: Nevada	Zip: 89118
Phone Number: 702-284-5300	Fax Number: 702-284-5399	
Property Owner/Developer: M F Land, LLC / Ninety-Five Management, LLC		
Address: 11411 Southern Highlands Parkway, Suite 300		
City: Las Vegas	State: NV	Zip: 89141
Reviewed By:	Date Received:	Date Accepted for Review:

The following checklist is intended as a guide for the engineer preparing a Technical Drainage Study to submit to the local entity and Clark County Regional Flood Control District (if necessary). The listed items are the minimum information required prior to the entity performing a review. The engineer will remain responsible to ensure the Technical Drainage Study is prepared within the guidelines as set forth in the Clark County Regional Flood Control District (CCRFCD) Hydrologic Criteria and Drainage Design Manual (MANUAL).

This document is intended as an aid in preparing Technical Drainage Studies. Each study submitted is reviewed for compliance with local and regional criteria. This form is not intended to be all inclusive and does not limit the extent of the information, calculations or exhibits which may be necessary to properly evaluate the intended land use.

If items are not applicable for the subject site, provide N/A.

I. GENERAL REQUIREMENT:

Yes	No	
X		Design Manual **Standard Form 1** with the engineer's seal and signature.
X		Design Manual **Standard Form 4**.
X		2 copies of the 24" x 36" Drainage Plan.
	N/A	A notarized letter from the adjacent property owner(s) allowing off-site grading or discharge.

Reference:	**STANDARD FORM 2**

DRAINAGE SUBMITTAL CHECKLIST

II. MAPS AND EXHIBITS

Yes	No	
X		A copy of a current Flood Insurance Rate Map (FIRM) with the site delineated.
X		A copy of the current CCRFCD Master Plan Update Figure, (F-12), for Flood Control Facilities and Environmental areas with the site delineated.
X		On-site drainage basin maps for existing and proposed conditions showing the existing topography, basin boundaries, concentration points, and on-site and off-site flows in cfs.
X		Vicinity Map with local and major cross streets identified and a north arrow.
X		Off-site drainage basin maps for existing, interim and future conditions showing the existing topography, basin boundaries, concentration points, and flows in cfs.

III. DRAINAGE PLAN

Yes	No	
X		Sheet size: 24" x 36" sealed by a registered engineer in the State of Nevada.
X		Minimum scale: 1" = 60'.
X		Project name.
X		Vicinity Map with local and major cross streets.
X		Revision box.
X		North arrow and bar scale.
X		Engineer's/consultant's address and phone number.
X		Elevation datum and benchmark.
X		Legend for symbols and abbreviations.
X		Cut/fill scarps, where applicable.
X		Street names, grades, widths.
X		Proposed future and existing spot grades for top of curbs and street crowns at lot lines, grade breaks, and along curb returns on both sides of the street.

REFERENCE:	STANDARD FORM 2

DRAINAGE SUBMITTAL CHECKLIST

III. DRAINAGE PLAN (Continued)

Yes	No	
X		Existing contours encompassing the site and 100 feet beyond with spot elevations for important locations, where appropriate.
	N/A	Minimum finish floor elevations with top-of-curb elevations at upstream end of lot.
X		Proposed typical street sections.
	N/A	Streets with off-set crowns.
X		Proposed contours or spot elevations in sufficient detail to exhibit intended drainage patterns and slopes.
X		Property lines.
X		Right-of-way lines and widths, existing and proposed.
X		Existing improvements and their elevations.
X		Delineation of proposed on-site drainage basins indicating area and 10-year and 100-year storm peak flows at basin concentration points.
X		Concentration points and drainage flow direction with Q_{100} and V_{100} and D_{100} in streets.
X		Cumulative flows, velocity, and direction of flow at upstream and downstream ends of site for the 10-year and 100-year flows.
X		Location and cross-section of street capacity calculations.
X		Cross-sectional detail for channels, including cutoff wall locations.
X		Existing and proposed drainage facilities, appurtenances, and connections (i.e., sidewalk, ditches, swales, storm drain systems, unimproved and improved channels, and culverts, etc.) stating size, material, shape, and slope with plan and profile and HGL calculations.
	N/A	Existing and proposed drainage easements and widths shown with sufficient detail. A cross sectional detail must be provided that shows appropriate lining and reinforcement.
	N/A	Location and detail of existing, proposed, and future block wall openings. Minimum size is16"x48". Wrought iron gate is required for flows > 10 cfs.
	N/A	Location and detail of flood walls illustrating depth of flow, proposed grouting height, etc.

REFERENCE:	**STANDARD FORM 2**

DRAINAGE SUBMITTAL CHECKLIST

III. DRAINAGE PLAN (Continued)

Yes	No	
	N/A	Perimeter retaining wall locations. All existing and proposed walls (retaining screen and flood) must be shown with adjacent ground elevations. Flood Walls with 8-inch concrete masonry unit.
	N/A	Building and/or lot numbers.
X		Alignment of all existing, proposed, or future Regional Facilities adjacent to the site.
	N/A	Limits of existing floodplain based on current FIRM or best available information; limits of proposed floodplains based on best available information.
	N/A	For areas in Zone A, AE, AH, and AO, base flood elevations (BFEs) must be shown for each lot; BFEs may be listed on each lot, or in a table. Finish floor elevations must be a minimum of 18 inches above BFE.
	N/A	Appropriately elevated "humps" 6 inches above the 100-year water surface elevation at site accesses where the intent is to protect the site from the Q_{100} flows.
X		Street slopes for perimeter and interior streets. The minimum slope is 0.4 percent.

IV. HYDROLOGIC ANALYSIS

Yes	No	
X		Appropriate soil information and Soils Map for existing and future conditions with subbasins and property delineated.
X		Input and output information for existing conditions from computer models (HEC-1 or TR-55). The flow routing diagram must be provided with HEC-1 models.
X		Input and output information for future conditions from computer models (HEC-1 or TR-55). The flow routing diagram must be provided with HEC-1 models.
X		Use of correct precipitation values in and around the McCarran Airport Rainfall Area.
X		A discussion in the text of the hydrologic analysis justifying subbasin boundaries and cutoffs, supporting assumptions, and calculations.
X		A summary table of storm water flows showing basin area, Q_{10} and Q_{100} for both individual basins and combined basin flows, where acceptable.
X		Copies of supporting technical information referenced from a previously approved study and a statement accepting these results.
X		On-site facilities must perpetuate flows through or around the site without significantly impacting adjacent property owners in accordance with current Nevada Drainage Law.

REFERENCE:	STANDARD FORM 2

DRAINAGE SUBMITTAL CHECKLIST

V. HYDRAULIC ANALYSIS

Yes	No	
	N/A	Flow split calculations and supporting documentation or reference for the method of flow split calculations used.
X		Normal depth street flow calculations and cross section diagrams for all interior and perimeter streets. Provide "d x v" products for the Q_{100} and Q_{10} flows representing the worst case for interior and all perimeter streets. Q_{100} d x v $\leq$ 8. Q_{10} d x v $\leq$ 6 and 12 foot dry lane for rights-of-way $\geq$ 80 feet. Calculations must be labeled by street name as indicated on the Grading Plan.
X		A summary table of interior and exterior street capacity calculations showing the street name, Q_{100} flow, slope, depth of flow, velocity and depth times velocity product and streets needing to meet 12 foot dry lane criteria.
	N/A	Appropriate hydraulic calculations for block wall openings assuming a 50 percent vertical clogging factor. (Assume the lower half of the opening is plugged.)
	N/A	Appropriate hydraulic calculations at drainage easement entrance and discharge locations to set finish floor elevations. Hydraulic calculations must include submerged weir, superelevation and tee intersection losses, where appropriate.
	N/A	Provide necessary freeboard requirements to set the finished floor elevations of all proposed buildings, 2 x depth of flow or depth of flow plus 18 inches of freeboard, whichever is less. The minimum requirement is 6 inches above adjacent upstream top of curb. Buildings adjacent to drainage easements must always be provided with 18 inches of freeboard above the Q_{100} weir height or flow depth, which ever is greater.
	N/A	A complete water surface profile analysis (HEC-2, HEC-RAS, etc.) for channel flows and FEMA Zone A flood zones. • Field survey data. • Input and output information. • Plotted cross-sections based on survey with proper encroachments. • A map showing the location of the cross-sections. • Analysis of both sub- and super-critical flow segments. • A summary table and a discussion of the results in the text of the report.
X		Provide a 50 percent clogging factor in the capacity calculation for drop inlets.
X		Hydraulic calculations for culverts and storm drains. D-Load calculations must be provided for storm drain pipes in public rights-of-way, including headwater pool inundation.
X		The mitigation of nuisance water, both during construction and in the fully developed condition, must be addressed.

REFERENCE:	STANDARD FORM 2

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- Phase 3A Street E Assessment

Appendix F Reference Material
Technical Drainage Study for Skye Canyon Phase 3A Infrastructure, by SHG
- Drainage Exhibits
- Pertinent Plan and Profile Sheets

Appendix G Reference Material
Master Drainage Study for Skye Canyon - Update #4 to the Master Drainage Study for Kyle Canyon, by SHG
- Approval Letter
- Ultimate Condition Drainage Map & HEC-1

Appendix H Reference Material
Technical Drainage Study for Skye Canyon Park, by Slater Hanifan Group
- Approval Letter
- Plan and Profile Sheets

Appendix I Reference Material
Technical Drainage Study for Skye Canyon Parcel 2.16, by Slater Hanifan Group
- Approval Letter
- Referenced Basins (HEC-1)
- Referenced WSPG Model
- Drainage Exhibit
- Pertinent Plan Profiles

Appendix J Reference Material
Technical Drainage Study for Skye Canyon Detention Basin 1, by Slater Hanifan Group
- Approval Letter
- Referenced Basins (HEC-1)
- Drainage Exhibits

Appendix K Reference Material
Technical Drainage Study for Skye Canyon Detention Basin 2, by Slater Hanifan Group
- Referenced Basins (HEC-1)

Appendix L Reference Material
Technical Drainage Study for Skye Canyon Somerset Academy, by Slater Hanifan Group
- Approval Letter
- Referenced WSPG Model
- Pertinent Plan Profiles

Appendix M Reference Material
30% Design Report for Moccasin Rd CCRFCD Flood Control Facility, by Slater Hanifan Group
- Location Map

Appendix N CD of Electronic Files, Grading Plan, Storm Drain Profiles and Detail Sheets

1 INTRODUCTION

1.1 Project Overview & Study Purpose

Ninety-Five Management, LLC is proposing to install roadway and drainage infrastructure improvements intended to support development of an approximately 25-acre portion of the Skye Canyon master planned property, identified hereinafter as *Phase 3B 3C Infrastructure*. The Phase 3B, 3C portion of Skye Canyon addressed by this technical study is bound by undeveloped desert shrub to the north, west and portion of the south boundary being desert shrub and the existing park/rec center. The east boundary of the site is bordered Skye Village Road proposed by the Phase 3A study. The overall Skye Canyon property boundary encompasses approximately 1,662 acres and spans both sides of U.S. Highway 95 within the corporate limits of the City of Las Vegas, Nevada.

The Skye Canyon property has been master planned and a *Master Drainage Study for Kyle Canyon (DS4420)* has been approved by the City of Las Vegas. In addition, four (4) updates to the master drainage study have been processed:

- Skye Canyon Master Drainage Study - Update #1 to Kyle Canyon Master Drainage Study addressed changes in land use plan for the Phase 1, Phase 2 and detention basin areas of the site and was approved by the City of Las Vegas on March 05, 2015.
- Skye Canyon Master Drainage Study - Update #2 addressed downstream drainage impacts resulting from the changes in land use plan for the Phase 1, Phase 2 and detention basin areas and was approved by the City of Las Vegas on November 23, 2015.
- Skye Canyon Master Drainage Study - Update #3 addressed changes in the land use plan, re-alignment of Sheep Mountain Parkway, introduction of the Kyle Canyon Interchange Project, and relocation of the Skye Canyon downstream MPU facility to Log Cabin Way. This study was approved by the City of Las Vegas on August 15, 2016.
- Skye Canyon Master Drainage Study - Update #4 addressed a change in the Skye Canyon downstream MPU facility alignment from Log Cabin Way to Moccasin Road. This study was conditionally approved by the City of Las Vegas on October 10, 2017.

The portion of the site identified as Phase 3B, 3C has been proposed within a revised land plan layout. Therefore, it is the objective of this technical study to show conformance to the drainage patterns set forth in the Master Updates, specifically the Master Update #4.

Utilizing the conceptual analyses presented in the Master Update 4, this study intends to provide a detailed hydrologic and hydraulic analysis for the proposed improvements. Drainage facilities have been proposed in order to protect the property from onsite and offsite runoff in accordance with local storm water criteria. Existing storm water facilities are identified, and this study intends to show conformance to each existing facility's design.

1.2 Description of Project

The project is located within Township 19 South, Range 59 East and Section 12, on APN 126-12-101-002. A location map identifying the site in relation to the surrounding major streets has been prepared as Exhibit A, included in Appendix A.

A Parent Tentative Map for Skye Canyon has been processed through the City of Las Vegas that addresses the Phase 3B, 3C infrastructure roadway alignments and parcels for future development. Note that the roadway alignments, street sections and future development densities proposed by the Parent Tentative Map are supported by the currently approved land plan for the property as addressed and supported by the approved Master Drainage Study – Update #4. Note that there have been minor adjustments to densities and local flow patterns have been revised with this study. Please see Section 5for details.

The roadway and drainage improvements proposed by this study are those necessary to service the Phase 3B and 3C portion of the property. In addition, MPU Facility MOIR 0000 is being constructed with this phase in Iron Mountain Road from Shaumber Road to Skye Village Road. This facility runs west to east and cuts across several existing washes that flow north to the Iron Mountain roadway alignment. In the ultimate condition this facility will discharge to the north in the proposed Moccasin MPU Facility. Similarly, MPU Facility MOIR 0052 runs west to east. MOIR 0052 is being constructed in Iron Mountain Road and connects to the Detention Basin 2 (DB2) outfall and ties into facility MOIR 0000. In addition, facility MOHU 0085 within Skye Canyon Park Drive before the intersection with Skye Village Road has also been utilized to tie into and extend storm drain within Skye Canyon Park Drive.

Future technical drainage studies will address the onsite individual residential subdivisions and associated interior drainage patterns that route storm runoff to the drainage infrastructure proposed by this study.

1.3 Summary of Prior Relevant Drainage Studies

Various drainage studies for the Skye Canyon master planned property with direct impact to the subject Phase 3B, 3C have been prepared. Some of the studies have been approved and different stages of reviews are on-going for others. The relevant drainage studies and their impacts to the Phase 3B, 3C infrastructure improvements have been identified below.

- *Skye Canyon Master Drainage Study – Update #4*, prepared by Slater Hanifan Group was conditionally approved by the City of Las Vegas on October 10, 2017. This study addressed the developed condition hydrologic analysis of the adjacent area to the Phase 3B, 3C area based on the most current master land use plan.

- *Technical Drainage Study for Skye Canyon Detention Basin 1 – Update #3,* prepared by Slater Hanifan Group was approved by the City of Las Vegas on January 12, 2017. This study addressed the upstream detention basin facility that provides flood protection to the Skye Canyon Phase 2 area. The Detention Basin 1 outfall is now connected to with this Phase 3B, 3C study and discharges

flow further downstream to its existing wash alignment. Skye Canyon Detention Basin 1 was deemed substantially complete by City of Las Vegas on September 12, 2017. Note that the subject Phase 2 improvements will include a driveway off Grand Teton Drive for accessing the maintenance road for Detention Basin 1.

- *Technical Drainage Study for Skye Canyon Detention Basin 2 – Addendum #1,* prepared by Slater Hanifan Group has been reviewed by the City of Las Vegas and comments were issued on October 10, 2017. This study addresses the upstream detention basin facility that provides flood protection to Skye Canyon Phase 3B, 3C. The Detention Basin 2 outfall is now connected to with this Phase 3B, 3C study and ties into the Phase 3A proposed Arch at the intersection with Skye Village Road.

- *Moccasin Rd CCRFCD Flood Control Facility – US 95 Kyle Canyon Interchange to LVUP 1076/1077 30% Design Report,* prepared by Slater Hanifan Group was submitted to City of Las Vegas on October 26, 2017. This study addresses the downstream facility that will ultimately convey flow from Skye Village Road northwest to Moccasin Road discharging to the Upper Las Vegas Wash.

1.4 FEMA Flood Zone Designation

The Phase 3B, 3C boundary has been delineated on current FEMA FIRM Panel Map 32003C1750E dated September 27, 2002, as illustrated on Exhibit B included in Appendix A. Per the FIRM Panel, the project site is located within a FEMA designated unshaded Zone 'X' (unshaded). A Zone 'X' (unshaded) is described as areas located outside the 0.2% annual chance flood plain.

1.5 CCRFCD Facility Information

The project site has been delineated on the current 2013 Clark County Regional Flood Control District (CCRFCD) Las Vegas Valley Flood Control Master Plan Update (2013 MPU, Reference 1) facility figures as Exhibit C, included in Appendix A. Per the 2013 MPU, several CCRFCD regional facility alignments are considered adjacent to the proposed Phase 3B, 3C improvements. Although the 2013 CCRFCD MPU is the effective flood control master plan for the project area, a draft Skye Canyon MPA was coordinated and presented to CLV and CCRFCD (formal submittal is pending). MPA exhibits are included as Exhibit C2 and C3 behind the original MPU Exhibit C1 in Appendix A. In general, the regional facility alignments in the vicinity of Phase 3B, 3C are the same between the 2013 MPU and the Skye Canyon MPA. This study has designed for regional facilities along these alignments, but has referenced the approved Skye Canyon Master Drainage Study (MDS) for flow rates. The MDS is a conservative source for flow rates, given that it utilizes smaller subbasins and ignores losses from routing. For more information on ultimate condition hydrology, see Section 6. The following is a summary of the pertinent regional facility alignments, per the 2013 MPU, addressed by this study:

- MOHU 0036 – 8-ft by 7-ft RCA transitions to 10-ft by 9-ft RCA in Skye Village Road. This facility is considered part of the Phase 3A existing improvements.

- MOHU 0085 – 60-inch RCP. A portion of this facility is existing in Skye Canyon Park Drive west of Skye Village Road. This project proposes to extend the existing storm drain upstream to intercept existing wash MOHU 0118 to the west.

- MOHU 0118 – Natural Wash. This Proposed Category B facility is considered a future improvement in a future phase of Skye Canyon. However, this study proposes a storm drain (Facility MOHU 0085) north of the Natural Wash intended to accommodate future drainage patterns.

- MOHU 0000 – 14-ft by 8-ft RCB. Facility downstream of MOHU 0035 that is proposed with a future phase. This facility will discharge flow to the planned Moccasin MPU Facility which then discharges to the Upper Las Vegas Wash.

- MOIR 0000 – 60-inch RCP. Facility in Iron Mountain Road at Skye Village Road. This facility is considered part of the Phase 3B, 3C proposed improvements.

CCRFCD concurrence will be obtained upon conditional approval from City of Las Vegas.

1.6 Referenced Documents

The following documents have been utilized as reference materials in preparation of this drainage study. The referenced documents have been reviewed and portions determined acceptable for reference have been included in the appropriate appendix. Slater Hanifan Group generally concurs with all referenced and adopted hydrologic and hydraulic analysis from the studies and the results established therein.

- *Technical Drainage Study for Skye Canyon Phase 3A Infrastructure,* prepared by Slater Hanifan Group (hereinafter referred to as the Phase 3A Study; Reference 4), is utilized as the existing condition for the Phase 3b, 3C study and provides critical flow comparison locations. Additionally, the Phase 3A also includes the most recent hydrology downstream of the Phase 3B, 3C study for flow comparison. Relevant reference material from the Technical Drainage Study has been included in Appendix F.

- *Skye Canyon Master Drainage Study - Update #4 to the Skye Canyon Master Drainage Study*, prepared by Slater Hanifan Group (hereinafter referred to as the Master Update Study; Reference 5), incorporates the most updated master land use plan for the site which includes the Phase 3B, 3C area. Additionally, the Master Update Study also includes the most recent Detention Basin 1 and Detention Basin 2 upstream hydrology and basin parameters. The Master Update Study established the developed ultimate condition peak flow rates for the subject Phase 3B, 3C area and utilized the flows generated by each basin to conceptually evaluate the design of the proposed master planned drainage facilities. Relevant reference material from the Master Update Study has been included in Appendix G.

- *Technical Drainage Study for Skye Canyon Park*, prepared by Slater Hanifan Group (hereinafter referred to as the Park Study, Reference 6), proposed development at the southwest corner of the Phase 3B, 3C Study. The Park Study constructed a portion of MPU Facility MOHU 0085 in Skye Canyon Park Drive west of Skye Village Road. Relevant reference material from the Park Study has been included in Appendix H.

- *Technical Drainage Study for Skye Canyon Parcel 2.16,* prepared by Slater Hanifan Group (hereinafter referred to as Parcel 2.16 Study; Reference 7), proposed the development of Parcel 2.16 within the Phase 2 area south of the MOHU wash. Drainage basins from the study have been referenced to account for flow impacting the Phase 3B, 3C Study. Relevant reference material from the Parcel 2.16 Study has been included in Appendix I.

- *Technical Drainage Study for Skye Canyon Detention Basin 1,* prepared by Slater Hanifan Group (hereinafter referred to as the DB1 Study; Reference 8), proposed the development of the upstream southern detention basin. Drainage basins from the study have been referenced to account for flow impacting the Phase 3B, 3C Study. Relevant reference material from the DB1 Study has been included in Appendix J.

- *Technical Drainage Study for Skye Canyon Detention Basin 2,* prepared by Slater Hanifan Group (hereinafter referred to as the DB2 Study; Reference 9), proposed the development of the upstream northern detention basin. Drainage basins from the study have been referenced to account for flow impacting the Phase 3B, 3C Study. Relevant reference material from the DB2 Study has been included in Appendix K.

- *Technical Drainage Study for Somerset Academy,* prepared by Slater Hanifan Group (hereinafter referred to as the School Study; Reference 10), proposed the development of a charter school upstream of the Shaumber Road alignment. Drainage basins from the study have been referenced to account for flow impacting the Phase 3B, 3C Study. Relevant reference material from the School Study has been included in Appendix L.

- *30% Design Report for Moccasin Rd CCRFCD Flood Control Facility;* prepared by Slater Hanifan Group (hereinafter referred to as the Moccasin Study; Reference 11), is proposing the development of a future regional facility downstream of the Phase 3B, 3C study. The development of this project will allow Skye Village Road to be full flow drainage cutoff. A project location map of the Moccasin facility has been included in Appendix M.

2 METHODOLOGY

2.1 Compliance

The methodologies utilized in the preparation of this study are in compliance with the Clark County Regional Flood Control District's Hydrologic Criteria and Drainage Design Manual (CCRFCD Manual, Reference 2).

2.2 Hydrologic Modeling

Modeling: The SCS Unit Hydrograph Method (SCS Method) was utilized to determine peak flow rates. The SCS Method utilizes precipitation, drainage area, curve number and lag time parameters to determine peak flow rates. The SCS Method routine within the U.S. Army Corp of Engineers HEC-1 Flood Hydrograph Package program was utilized to model the drainage basins analyzed by this study.

Precipitation: The site is located outside of the McCarran Rainfall Area. The precipitation values utilized in this study's HEC-1 models have been analyzed to be 3.00 and 1.61 inches for the 100-year and 10-year storm event, respectively.

Curve Number: The SCS curve number loss rate methodology was utilized to approximate infiltration for the drainage basins. The soils information within the watershed was obtained from the NRCS Natural Resources Conservation Service of the Las Vegas Valley Area, Nevada, Part of Clark County (Soil Survey, Reference 3), this study's drainage basins lie within the following soil types delineated on Exhibit D – included in Appendix A.

- Soil 155 – Cave gravelly fine sandy loam, 4 to 15 percent slopes. This soil is composed of 100% HSG 'D'.
- Soil 400 – Tencee very gravelly fine sandy loam, 2 to 8 percent slopes. This soil is composed of 100% HSG 'D'.

A composite curve number for each land use utilized in this study's hydrologic analysis has been obtained utilizing the percentages identified above, and the computations are included in Appendix B.

Note the following regarding the land uses analyzed in this study, and the associated CCRFCD Manual curve number tables have been included in Appendix B.

- Undeveloped areas have been analyzed with a land use corresponding to "desert shrub – poor condition".
- The proposed infrastructure roadways have been analyzed with a land use corresponding to "roadway".
- The onsite parcels draining to interior roadways in the interim condition have been conservatively assumed to be < 6,000 square feet lots with a land use corresponding to "residential < 6,000 sf" for parcels with "Medium Low Density" (ML) and "residential 6,000 sf" for parcels with "Low Density" (L).
- Hydrologic analyses for the future residential subdivisions adjacent to the Phase 3B 3C perimeter have been referenced from the Update #4 to the Master Drainage Study for Skye Canyon. Development of the individual PODs within the Phase 3B 3C area will be addressed by separate technical drainage study updates.

Lag Time: The lag time is defined as the time measured from the center of mass of excess rainfall to the time to peak of the outflow hydrograph. The lag time is related to the time of concentration as 0.6 times the time of concentration. The time of concentration is defined as the time required for runoff to flow from the hydraulically most distant point of a basin to the outlet point of the basin. Standard Form 4, as outlined in the CCRFCD Manual, was utilized to determine the lag times for basins modeled. The lag time computations have been included in Appendix B.

2.3 Hydraulic Modeling & Criteria

Street Flow: Street flows have been analyzed utilizing the Flowmaster Version 7.0 software by Haestad Methods. In accordance with the CCRFCD Manual, the depth times velocity factor (D x V) for street flow for the minor 10-year storm event must be less than or

equal to 6, with a maximum depth of 1-ft. The depth times velocity factor (D x V) for street flow for the major 100-year storm event must be less than or equal to 8, with a maximum depth of 2-ft. Additionally, streets with right-of-way width that are 80-ft wide or greater are required to meet the 10-year dry lane criteria. A 12-ft wide dry lane (excluding center turning lane) must be provided during the 10-year storm event. Also, the 10-year depth of flow at intersections with other streets with 80-ft and or greater right-of-way width must be limited to curb height. Note that all 10-yr street flow criteria (except dry lane) are met in the 100-yr event and therefore additional computations for the 10-yr event are not necessary.

Drop Inlets: Drop inlets have been assessed using an in-house computation spreadsheet which utilizes the equations outlined in Section 805 of the CCRFCD Manual. The computations include a 50% clogging factor in determining the inlet sizes.

Storm Drains: The hydraulic analysis for the proposed storm drain has been performed utilizing the Water Surface and Pressure Gradient (WSPG) Hydraulic Analysis System software by the Los Angeles County Department of Public Works. As outlined in the CCRFCD Manual, storm drain facilities are designed to maintain its hydraulic gradient line (HGL) minimum 1-ft below above finished grade and limit the flow velocities in the facility to less than 25 ft/s.

Proposed Storm Drain Stubs: Inlet control has been utilized to assess capacities of proposed storm drain stub openings in sump. This project is proposing several storm drains that will be extended into future development; however, for the interim condition prior to extension, many of these storm drains function to collect the interim flows in sump openings. Inlet control nomographs have been utilized to demonstrate that the headwater criteria are satisfied, as set forth in the CCRFCD Manual Section 1002.4. Riprap has been provided in the slopes proposed into the headwalls for stabilization from erosion.

3 EXISTING DRAINAGE CONDITION

3.1 Definition/Discussion of Existing Condition

The existing condition considers the Skye Canyon Phase 3B, 3C area undeveloped and upstream Detention Basin 1 and Detention Basin 2 in place. DB1 is currently substantially complete. DB2 is currently in design and it is the intention of the developer to progress the Phase 3B, 3C design so that it can be constructed immediately after construction of DB2. The existing condition has included all active construction and finished developments in Skye Canyon area. Note that the existing condition has been referenced from the Phase 3A study and provided in Appendix F as reference.

The following adjacent improvements are considered in place and functioning during the existing condition:

- Skye Canyon Detention Basin 1 – Detention basin is in place and discharges to existing wash that crosses Phase 3B, 3C on the south side of the site.
- Skye Canyon Detention Basin 2 – Detention basin is assumed in place and will discharge to existing wash along Iron Mountain Road alignment, impacting Phase 3B, 3C at northwest corner of site.

- Skye Canyon Park Phase 1 - 60" RCP in Skye Canyon Park Drive from Skye Village Road, terminating short of existing wash MOHU 0100 on upstream end, connecting to existing Phase 1 storm drain on downstream end.
- Skye Canyon Phase 1 – MPU Facility MOHU 0036 (8-ft x 5-ft RCB) in Skye Village at Skye Canyon Park Drive, and portion of 60" RCP in Skye Canyon Park Drive.
- Skye Canyon Phase 3A – MPU Facility 0036 (10-ft x 9-ft RCA) in Skye Village at the east boundary of the 3B 3C project site and its pertinent stubs.

4 PROPOSED DRAINAGE CONDITION

4.1 Definition of Proposed Condition

The proposed condition is defined as the proposed roadway and infrastructure improvements inclusive of the ditch grading on the parcels to be constructed prior to the development of the future residential subdivisions. It is anticipated that the proposed infrastructure improvements will exist, and interim ditch grading has been designed to route runoff and protect the roadways. All the proposed mainline drainage infrastructure is described in Section 5.5 of this study and is anticipated to be complete during the proposed condition.

4.2 Discussion of Proposed Condition

Refer to Exhibit E, included in Appendix A, for a detailed illustration of the proposed condition drainage patterns.

Several existing washes cross the west side of Phase 3B, 3C at Shaumber Road. Half street improvements are proposed in Shaumber Road, and only local facilities are proposed to route flow as intended by the master drainage study. However, downstream MPU improvements are anticipated to be in place by the Phase 3A improvements. Without downstream MPU improvements in place, the MOHU 0036 facility cannot collect all the existing washes crossing it without exceeding existing downstream flow rates at Skye Village Road/Grand Canyon Drive. Therefore, it is proposed to convey a portion of the offsite flows east through Phase 3A in the interim. See Section 5.5 for discussion on the proposed facilities.

Storm drain stubs for use by future residential subdivision developments of the individual parcels within the Skye Canyon Phase 3B 3C project area have been provided and extended as necessary to collect the contributing proposed condition flows. The proposed condition proposes to utilize interim ditches to convey flows such that the proposed roadways are maintained dry with the exception of runoff generated by the roadways, which are also intercepted at intervals. The proposed condition analyzed eleven (11) existing basins identified as EX1 thru EX9 with EX3a, EX3b and EX6a, EX6b. The roadway improvements for Skye Village Road are analyzed as basins STR1 and STR7.

Note that offsite basins EX1, EX2, EX3a and EX3b impacting the west boundary of Shaumber Road account for rough grading of Sheep Mountain Parkway per the Detention Basin 2 Study (DB2). Prorates have been provided to illustrate these basin cutoffs.

4.3 Summary of Proposed Condition Flows

A summary of all proposed condition flow rates determined by the HEC-1 analysis, as well as the concentrated flows at critical locations have been provided on the Proposed Condition Drainage Map (Exhibit E) in Appendix A. The applicable HEC-1 analysis has been provided in Appendix C for your reference.

Note that all facilities have been designed per the most conservative interim or ultimate condition flow rates. Basin EX4 impacting stub S5 is the only exception where the proposed condition is utilized for the nomograph assessment of the proposed RCP stub.

5 INTERIM DRAINAGE CONDITION

5.1 Definition of Interim Condition

The interim condition is defined as the proposed roadway and infrastructure improvements inclusive of the developed onsite parcels located within the Phase 3B 3C area. This condition has been provided to assess the impacts of future onsite parcels and the impact to the adjacent proposed facilities. All the proposed mainline drainage infrastructure is described in Section 5.5 of this study and is anticipated to be complete during the interim condition.

5.2 Discussion of Interim Condition

Refer to Exhibit F, included in Appendix A, for a detailed illustration of the interim condition drainage patterns.

All offsite basins are as described in the proposed condition. Basins within the Phase 3B, 3C area are assessed with future residential parcels. As a result, the flow generated in the interim condition is higher than the proposed condition but not higher than the ultimate condition flow rates. Flow generated in the interim condition was utilized to assess and not negatively impact the downstream facilities proposed by the Phase 3A study. Note that flows have been routed specifically to match or reduce the impacts currently identified by the Phase 3A study at critical downstream locations.

5.3 Summary of Interim Condition Flows

A summary of all interim condition flow rates determined by the HEC-1 analysis, as well as the concentrated flows at critical locations have been provided on the Interim Condition Drainage Map (Exhibit F) in Appendix A. The applicable HEC-1 analysis has been provided in Appendix C for your reference.

Drainage facilities have been designed to convey and route flows specifically to meet flow rates at downstream discharge points. A comparison of flow rates at downstream discharge points is provided in the following table:

Table 1: Flow Comparison of Concentration Points – Interim (Phase 3B, 3C) vs. Proposed Condition (Phase 3A) vs. Historic Condition (Phase 3A)

Concentration Point ID	Interim Condition-Phase 3B, 3C Q_{100} (cfs)	Proposed Condition- Phase 3A Q_{100} (cfs)	Historic Condition- Phase 3A Q_{100} (cfs)
RCP1/CP1	721	521	727
DIV2/CP2	317	228	438
RCP3/CP3	420	422	517
RCP10/CP10	769	588	780
RCP11/CP11	148	148	153
RCP12/CP12	731	697	1044

Review of Table 1 above indicates that the Phase 3B, 3C interim condition flows are lower than historic condition at all downstream discharge locations. Therefore, the proposed discharge of flows from Phase 3B, 3C to the east will not adversely impact receiving downstream facilities. Note that the Phase 3B, 3C flows at critical locations to the Phase 3a study (DIV2 and CP3) are lower than anticipated by the Phase 3A study except for DIV2. The split computed by an equal surface elevation, computation provided in Appendix D, resulted in greater (84 cfs) then the 70 cfs previously anticipated by the Phase 3A study. As a result, Street E affected by the increase was reanalyzed to show the revised flow and HGL's within the temporary storm drain alignment. See Appendix F for the Street E revised profile HGL's and flows. Note that the difference is negligible therefore the revised flow is considered acceptable for design.

5.4 Summary of Interim Condition Street Flows

Street flow hydraulics for the proposed perimeter roadways have been analyzed and are summarized on the Interim Condition Drainage Map (Exhibit F) in Appendix A.

Note that all sections have been modeled as full street sections except for sections within Iron Mountain Road. This is due to only half of the roadway being proposed within Iron Mountain Road with this Phase 3B 3C improvements. It is worthy to note, that Shaumber Road and a portion of Skye Canyon Park Drive are also proposed as half street sections with a rough graded half but have been modeled as full street sections. This was done to adequately size all inlets and analyze street sections as fully developed with conservative flow rates. In addition, Section 9 has been provided to show the flows from 1/2STR5 and 1/2STR7 are non-erosive within the rough graded section.

Note that the sections with erosive velocities (> 5 fps) are considered acceptable since the flow depth is within the right of way where no landscape can be eroded. All other sections generate velocities of <5 fps. All 10-yr street flow criteria are met in the 100-yr event and therefore additional computations for the 10-yr event are not necessary.

5.5 Summary of Drainage Facilities – Interim Condition

Refer to Exhibit H, for locations and sizes of all proposed drainage facilities designed to be utilized during the proposed and ultimate developed conditions of the Skye Canyon Phase 3B, 3C area. The following discussion summarize the design considerations for each mainline storm drain proposed by this study.

Shaumber Road – Local Facility: Flow impacting from washes to the west of Shaumber Road will be intercepted by Shaumber storm drain alignments and routing them to ultimate condition patterns or provide interim condition culvert crossings. Three (3) storm drain alignments have been provided on Shaumber to mitigate impacting flows.

The first Shaumber alignment connects into the Detention Basin 1 outfall and the Skye Canyon Phase 2 Infrastructure study and has been identified as wspgw model "SHA1" (Facilities P1-P4). The model has referenced conservative flows discharging from both the DB1 outfall and the Phase 2 Shaumber alignment. Model SHA1-L is the lateral tying into DB1 from the main alignment. HGL's have been conservatively assumed to be at top of pipe. An interim and an ultimate condition has been provided to illustrate the difference in impacting flows from facility P4.

The second Shaumber alignment starts at the intersection of Shaumber Road and Skye Canyon Park Drive and ends approximately 1,000-ft north as a culvert crossing at a wash crossing. The second alignment is identified as wspgw model "SHA2" (Facilities P5-P12). Note that this model is split into SHA2a, SHA2b and SHA2c models.

- Model SHA2a only analyzes the culvert crossing portion of the alignment. Both interim and ultimate conditions are assessed to establish most conservative flows and HGL's. The starting HGL for this model has been conservatively assumed to be at top of pipe.
- Model SHA2b analyzes the mainline on Shaumber tying into SHA2a and extending to the sump located at the southwest corner of the Shaumber Road and Skye Canyon Park Drive intersection (Facility S1). This model has been assessed only with its most conservative ultimate condition analysis and the starting HGL has been referenced from the most conservative HGL from model SHA2a.
- Model SHA2c is only an interim condition model to assess the crossing south of the Shaumber Road and Skye Canyon Park Drive intersection. Note that this crossing is an interim alignment to discharge flows east and will be connected to the main alignment and convey flows north in an ultimate condition.

The third Shaumber alignment is located south of the Shaumber Road intersection with Iron Mountain Road. The third alignment is identified as wspgw model "USHA3" (Facilities P13-P15). The model utilizes the most conservative ultimate condition flows and references the Iron Mountain alignment for the starting HGL.

As a result, all storm drain criteria is met and considered adequate for design. See Appendix E for the above wspgw models.

Egan Crest – Local Facility: Flow impacting from washes to the west of Egan Crest Drive will be intercepted by an interim culvert crossing. Similar to the Shaumber schematic, facilities within Egan Crest were split into three (3) storm drain alignments (Facilities P24-P27). Note that Egan Crest has proposed interim condition facilities that will be altered or completely removed in the ultimate condition. As a result, the models for the interim condition and a future conceptual alignment have been provided for functionality but only the interim condition HGL's have been provided in the improvement plan profiles. Egan Crest Drive consists of model EGAN1 based on only the culvert crossing, EGAN2 consisting of the north lateral connecting to the inlets within Skye Park Drive and EGAN3 the connects the existing facilities south of the culvert crossing. Flows utilized for EGAN3 have been conservatively referenced from the Parcel 2.16 study. As a result, all storm

drain criteria is met and considered adequate for design. See Appendix E for the above wspgw models.

Skye Canyon Park Drive: This facility connects to an existing alignment within Skye Canyon Park. The facility extends approximately 900-ft west from the Skye Village Road and Skye Canyon Park Drive intersection and extends south to collect the flow in the existing wash at a proposed sump (Facility S0). The storm drain alignment has been identified as wspgw model "SCP1". The alignment has been assessed with both interim and ultimate condition flow rates to assess the most conservative scenario for facility design. Note that the interim condition analysis extends to the culvert discharge location at concentration point RCP3. The ultimate condition model is inclusive of the entire Skye Village Road alignment. The starting HGL for both models has been referenced from the Phase 3A study. As a result, the ultimate condition is deemed most conservative utilized as the starting water surface elevation for wspgw model "USCP1-L". The lateral model connects at the 90-degree mainline bend and extends west to proposed drop inlets within Skye Canyon Park Drive. All storm drain criteria is met and considered adequate for design. See Appendix E for the above wspgw models.

Iron Mountain Road - MPU Facility MOIR 0000 (60" RCP): This facility is proposed to be constructed to the west of the proposed Shaumber Road / Iron Mountain Road intersection and connect to the Detention Basin 2 study outfall. The Iron Mountain alignment is identified as wspgw model "UIRM1" (Facilities P16-P23). Flow within the Iron Mountain alignment is introduced from the DB2 study, facility P15 in Shaumber Road, sump stub facility S5 (model "UIRM1-L1") and sump stub facility S6 (model "UIRM1-L2"). The starting water surface elevation has been adopted from the Skye Village Road storm drain alignment.

Note that the stub provided by the Phase 3A study for the Iron Mountain alignment was sized with that study as a 76"x48" HERCP or 60" RCP equivalent. Due to a full model analysis within Iron Mountain this Phase 3B, 3C study has revised the stub to an 8'x4' RCB in the wspgw hydraulic model, as shown on the proposed facilities map. The Phase 3A plans are being worked on concurrently and have adopted the revision. The plans for this Phase 3B, 3C study show an existing 76"x48" HERCP or 60" RCP equivalent, as was originally proposed with the Phase 3A study, but this will be revised to an 8'x4' RCB once the Phase 3A study is updated to match the latest hydraulic analysis. All storm drain criteria is met and considered adequate for design. See Appendix E for the above wspgw models.

Skye Village Road - MPU Facility MOHU 0036 (8-ft x 7-ft RCA, 10-ft x 9-ft RCA): MPU Facility MOHU 0036 has been referenced from the Phase 3A study. The facility intercepts and conveys all offsite flow not proposed to be conveyed east through the Phase 3A site. The Phase 3B, 3C site discharges flow to this facility and therefore reanalyzed to account for slight adjustments to flows in the system. Ultimately the proposed MPU Facility will extend to the north and connect to the Moccasin MPU Facility currently under design. However, the Phase 3A improvements are anticipated to be constructed prior to construction of the Moccasin MPU Facility and flows are determined below the previously anticipated flows in the Phase 3A historic condition.

Storm Drain Laterals: The mainline storm drains have been designed in a manner as to not result in significant backwater impacts to the proposed storm drain laterals. Most of the storm drain laterals stubbed for extension into future residential subdivisions have been

hydraulically analyzed utilizing WSPG and/or verified with the inlet control nomograph to ensure that adequate headwater is provided at the interim sump locations. In addition, all storm drain laterals utilized by drop inlets have been analyzed using a lateral loss spreadsheet utilizing equations from the CCRFCD Manual.

Drop Inlets: Several drop inlets have been proposed specifically to keep the proposed roadways dry during the 100-year storm event. The majority of drop inlets are located on-grade along the streets and have been sized to maximize their interception capacity hence limiting the bypass flows to minimal amounts. The drop inlet capacity calculations are provided in Appendix D. The summary of the proposed storm drain and drop inlet facilities has been provided on Exhibit H in Appendix A.

Interim Ditches: Interim earthen ditches have been proposed within the respective parcels to direct flows to the designed storm drain stub. The ditches have been designed to convey flows while maintaining non-erosive velocities. However, minimum riprap protection (D_{50}=8", Thickness=16") have been specified at all the proposed sump locations with storm drain stubs for future extension into the residential subdivisions. Nomograph calculations for the proposed ditches have been provided in Appendix D.

6 ULTIMATE DRAINAGE CONDITION

6.1 Definition of Ultimate Condition

The ultimate condition considers the subject Phase 3B, 3C being fully developed with all the future residential subdivisions. This condition also considers the tributary offsite basins west of Shaumber Road to be fully developed. As previously stated, the ultimate condition of the Phase 3B, 3C site has not yet been conceptually analyzed by the Master Update Study based on the revised land plan. Therefore, hydrology for the ultimate developed condition has been analyzed with this study. However, future technical drainage studies will be provided to address the development of the residential subdivisions within the Skye Canyon Phase 3B, 3C area. It should be noted that for regional facilities, ultimate condition flow rates are higher than proposed, and therefore govern the design of the proposed facilities. Refer to Appendix A Exhibit G for the adopted ultimate condition map impacting the site and Exhibit H facilities map for a flow summary comparison of interim and ultimate design flows for the proposed facilities.

A summary of all ultimate condition flow rates determined by the HEC-1 analysis, as well as the concentrated flows at critical locations have been provided on the Ultimate Condition Drainage Map (Exhibit G) in Appendix A. The applicable HEC-1 analysis has been provided in Appendix C for your reference.

A comparison of flow rates in the ultimate condition at downstream discharge points for the Phase 3B, 3C study and the previously approved Master study is provided in the following table:

Table 2: Flow Comparison of Concentration Points – Ultimate 3B, 3C Study vs. Ultimate Master Study		
Concentration Point ID	**Ultimate 3B, 3C Study Q_{100} (cfs)**	**Ultimate Master Study Q_{100} (cfs)**
WC26	430	412
WC35	854	876
WC43	1342	1325

Review of Table 2 above indicates that the Phase 3B, 3C ultimate condition flows are higher than ultimate condition flows at discharge points WC26 and WC43. The slight increase of 17 cfs (about a 1.2% increase) has been accounted for in the hydraulic storm drain model within Skye Village Road. As a result, there are no negative impacts with the slight 1.2% increase in flow for the model. Therefore, all revised HGL's have been utilized as reference for their pertinent connecting storm drain alignments. See Appendix F for the Skye Village Road revised profile HGL's and flows.

7 CONCLUSIONS & RECOMMENDATIONS

1. This project is in compliance with the applicable drainage laws as recognized by the state of Nevada. This project is in compliance with the CCRFCD "*Hydrologic Criteria and Drainage Design Manual*" (Reference 1).

2. This project is in compliance with the CCRFCD "Master Plan Update," and is proposing regional facilities in the alignments of Skye Canyon Park Drive, Skye Village Road, and Iron Mountain Road.

3. The project site is not located within a FEMA designated Special Flood Hazard Area (SFHA). The site and the proposed improvements are located within a FEMA flood Zone "X" (unshaded). Therefore, FEMA notification will not be required.

4. Storm drain infrastructure required for the protection of Phase 3B, 3C from onsite and offsite runoff is generally in conformance to the conceptual master plan established in the Master Update Study. The drainage facilities have been designed to control and convey the onsite and offsite runoff from the 100-year storm event safely through the site and perpetuate flow in accordance to the master plan.

5. The design of site has been planned in such a way that flows from the site are generally kept away from the roadways. Street flow calculations for the proposed roadways have been provided which show that all the streets satisfy the street design criteria stipulated in the CCRFCD HCDDM.

6. No buildings nor finished floors and/or pad elevations are being proposed with this project. Future individual Technical Drainage Studies for the respective residential subdivisions will be provided to support compliance with finished floor requirements of any proposed building pads.

7. The grading plan, storm drain profile and detail sheets for this project have been included with this study in Appendix N. These plans support the drainage patterns and conclusions detailed in this study.

8 REFERENCES

1. *Las Vegas Valley Flood Control Master Plan Update*. Clark County Regional Flood Control District, 2013.

2. *Hydrologic Criteria and Drainage Design Manual.* Clark County Regional Flood Control District, 1999.

3. *Soil Survey of Las Vegas Valley Area, Nevada. U.S. Department of Agriculture, Natural Resources Conservation Service, August 2016.*

4. *Technical Drainage Study for Skye Canyon Phase 3A Infrastructure;* Slater Hanifan Group.

5. *Skye Canyon Master Drainage Study – Update #4 to the Kyle Canyon Master Drainage Study;* Slater Hanifan Group, October 2017.

6. *Technical Drainage Study for Skye Canyon Park;* Slater Hanifan Group, September 2015.

7. *Technical Drainage Study for Skye Canyon Parcel 2.16;* Slater Hanifan Group, March 2017.

8. *Technical Drainage Study for Detention Basin 1;* Slater Hanifan Group, January 2017.

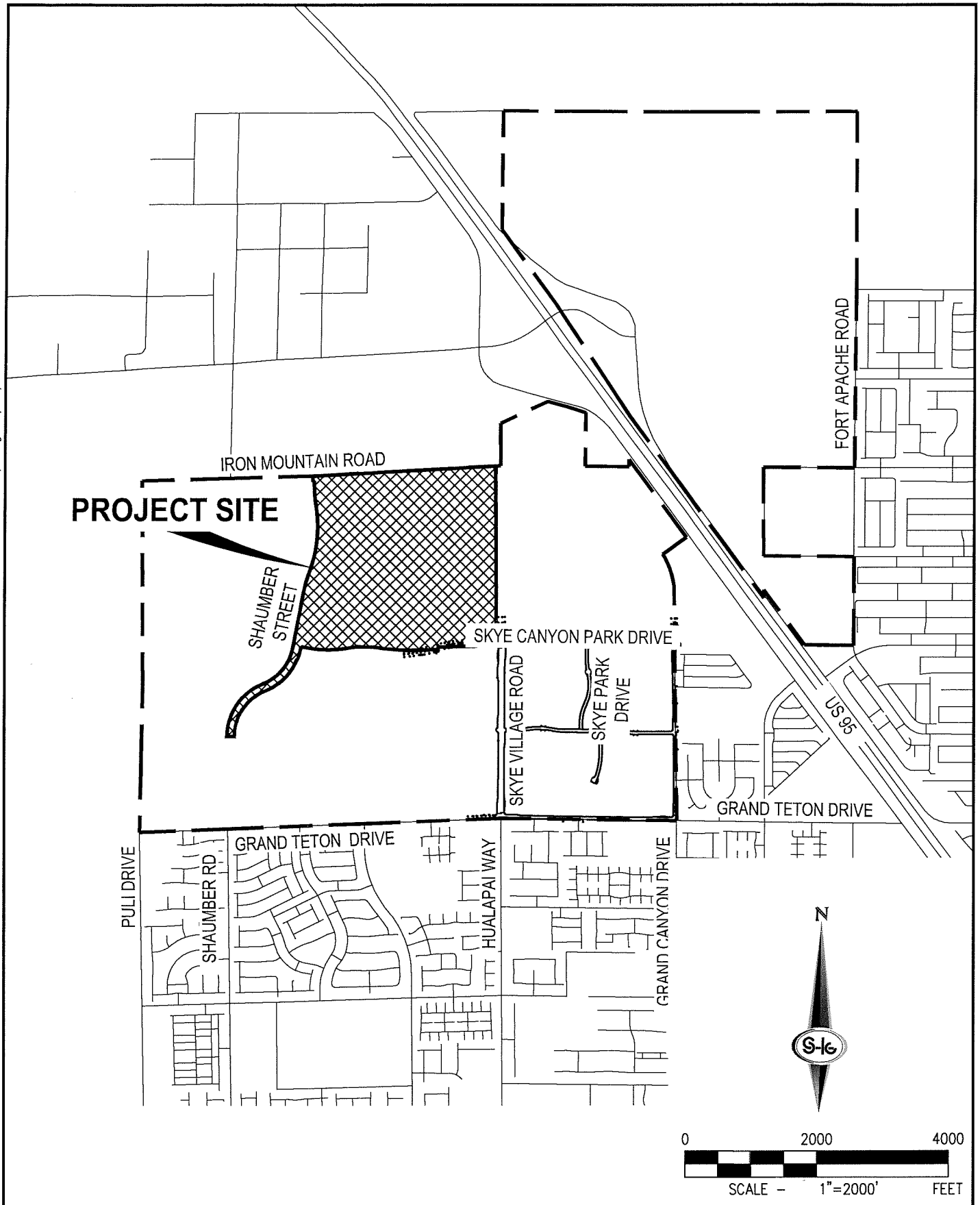
9. *Technical Drainage Study for Skye Canyon Detention Basin 2;* Slater Hanifan Group.

10. *Technical Drainage Study for Somerset Academy;* Slater Hanifan Group, August 2017

11. *30% Design Report for Moccasin Rd CCRFCD Flood Control Facility;* Slater Hanifan Group.

APPENDIX A

Drainage Exhibits



SLATER HANIFAN GROUP
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PHONE (702) 284-5300 FAX (702) 284-5399

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON PHASE 3B, 3C INFRASTUCTURE
LOCATION MAP

DATE: DECEMBER 2017	PROJECT NO. OLY1609.000
DRAFTER: ETM	
DESIGNER: ETM	EXHIBIT A
CHECKED: LKL	SHEET 1 OF 1

\\sngfs1\data\oly1609-000 skye canyon phase 3a 3b 3c\drainage\phase 3b 3c study\figures\oly1609 tds exhibit a location map.dwg 12/21/2017 4:12 PM Erick Mata

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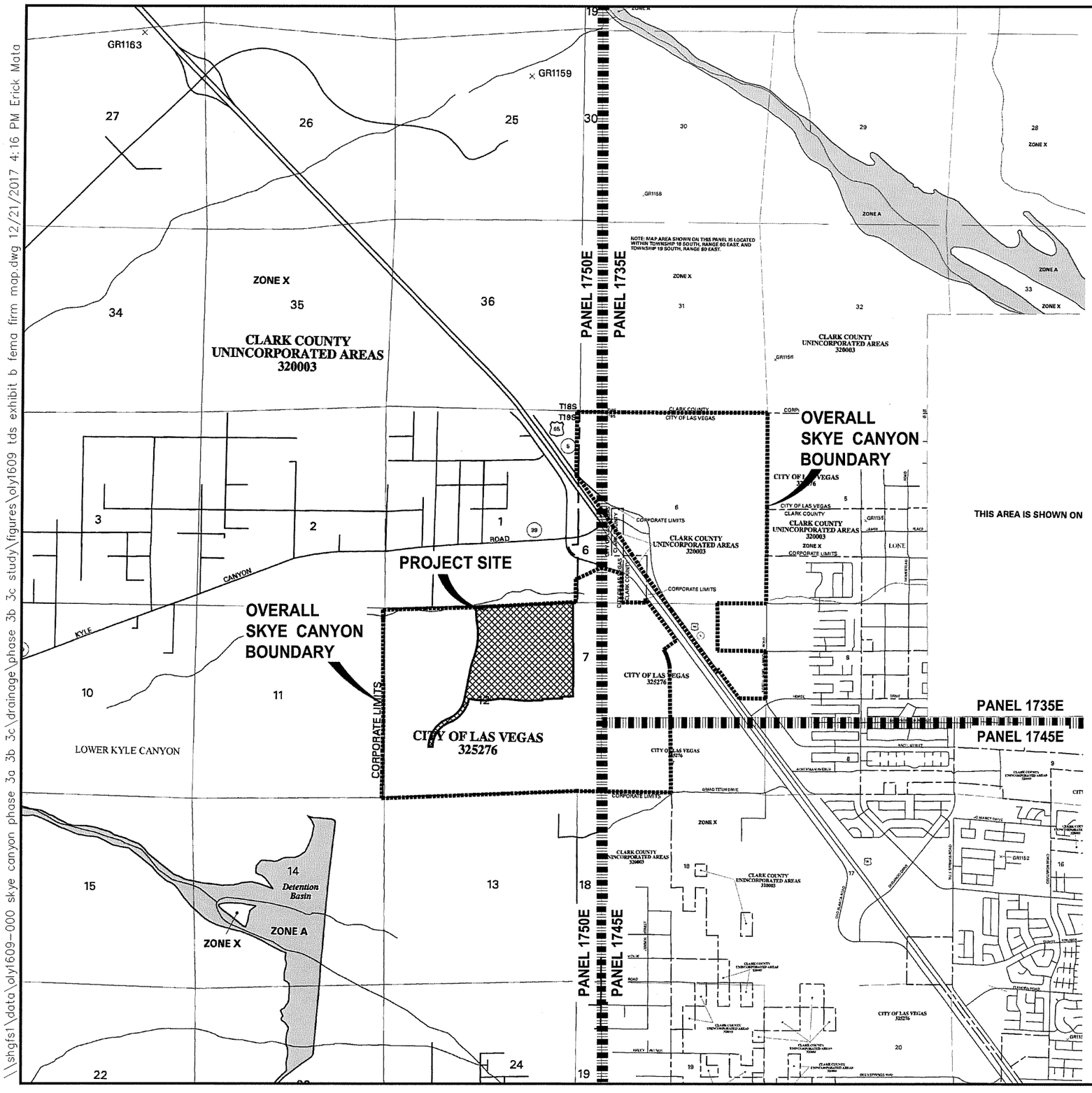
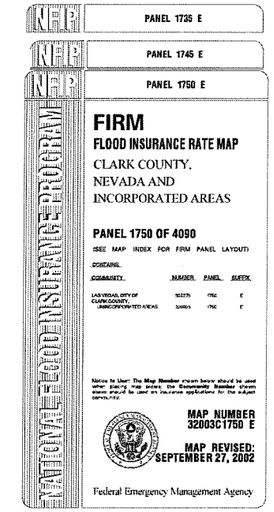




LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD EVENT

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.

- **ZONE A** — No base flood elevations determined.
- **ZONE AE** — Base flood elevations determined.
- **ZONE AH** — Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- **ZONE AO** — Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- **ZONE AR** — Area of special flood hazard formerly protected from the 1% annual chance flood event by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood event.
- **ZONE A99** — Area to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no base flood elevations determined.
- **ZONE V** — Coastal flood zone with velocity hazard (wave action); no base flood elevations determined.
- **ZONE VE** — Coastal flood zone with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- **ZONE X** — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- **ZONE X** — Areas determined to be outside the 0.2% annual chance floodplain.
- **ZONE D** — Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- Floodplain Boundary
- Floodway Boundary
- Zone D Boundary
- Coastal Barrier Boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

- A — A — Cross Section Line
- 23 — 23 — Transect Line
- 97°07'30", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
- 4276000M — 1000-meter Universal Transverse Mercator grid values, zone 11
- 600000 FT — 5000-foot grid ticks
- DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel).
- M1.5 — River Mile

MAP REPOSITORY
Refer to Repository Listing on Index Map

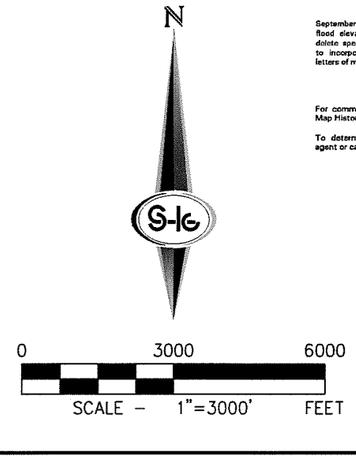
EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
AUGUST 18, 1995

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

September 27, 2002: to update corporate limits, to change base flood elevations, to add base flood elevations, to add special flood hazard areas, to change special flood hazard areas, to delete special flood hazard areas, to change zone designations, to add roads and road names, to incorporate previously issued letters of map revision, to incorporate previously issued letters of map amendment, and to change floodway.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at (800) 638-6620.



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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

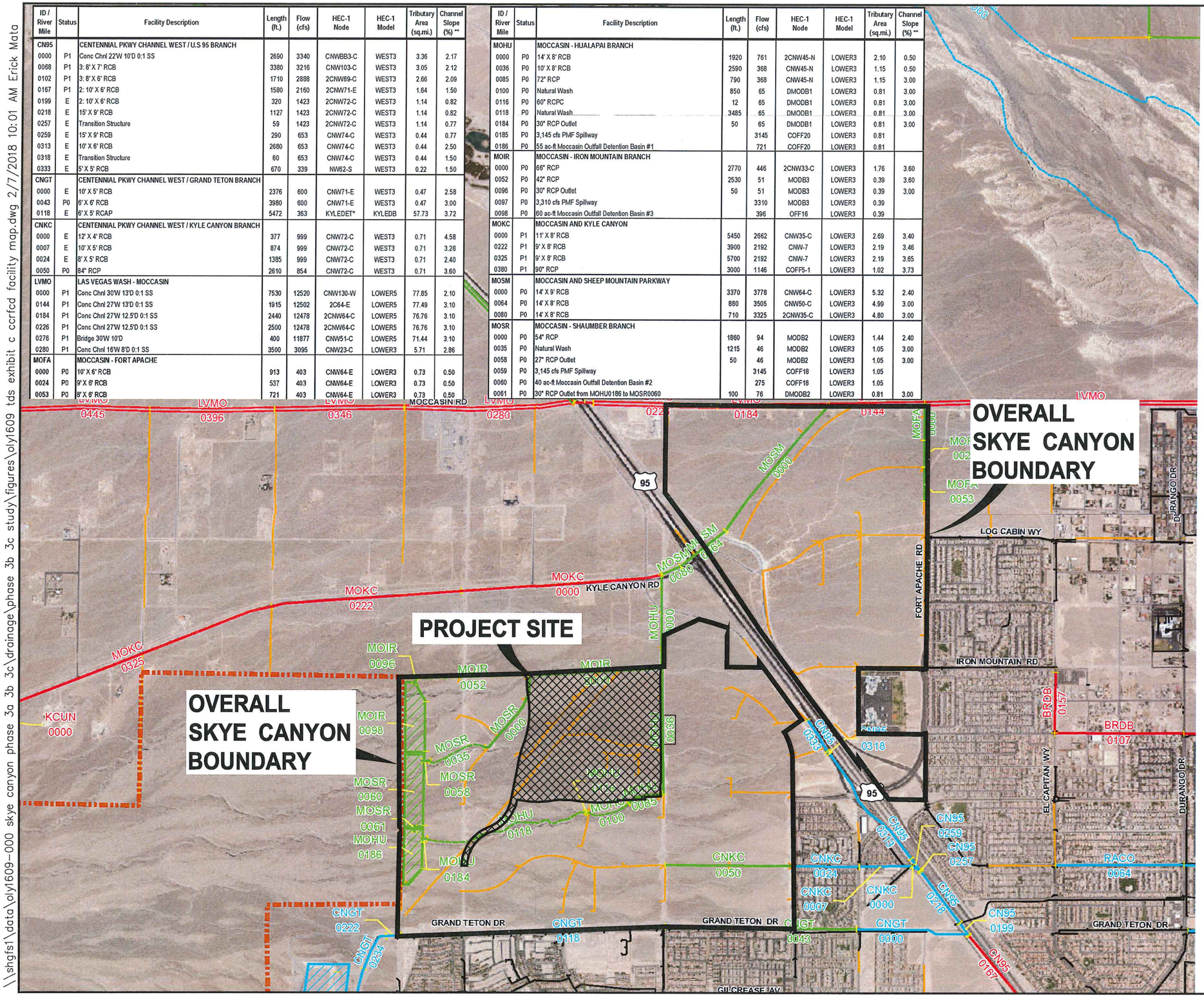
SKYE CANYON PHASE 3B, 3C INFRASTUCTURE
FEMA FIRM MAP

DATE: DECEMBER 2017
DRAFTER: ETM
DESIGNER: ETM
CHECKED: LKL
PROJECT NO.
OLY1609.000

EXHIBIT B
SHEET 1 OF 1

ID / River Mile	Status	Facility Description	Length (ft.)	Flow (cfs)	HEC-1 Node	HEC-1 Model	Tributary Area (sq.mi.)	Channel Slope (%) **
CN95		CENTENNIAL PKWY CHANNEL WEST / U.S 95 BRANCH						
0000	P1	Conc Chnl 22'W 10'D 0:1 SS	2690	3340	CNWBB3-C	WEST3	3.36	2.17
0068	P1	3: 8' X 7' RCB	3380	3216	CNW103-C	WEST3	3.05	2.12
0102	P1	3: 8' X 6' RCB	1710	2888	2CNW89-C	WEST3	2.66	2.09
0167	P1	2: 10' X 6' RCB	1580	2160	2CNW71-E	WEST3	1.64	1.50
0199	E	2: 10' X 6' RCB	320	1423	2CNW72-C	WEST3	1.14	0.82
0218	E	15' X 9' RCB	1127	1423	2CNW72-C	WEST3	1.14	0.82
0257	E	Transition Structure	59	1423	2CNW72-C	WEST3	1.14	0.77
0259	E	15' X 9' RCB	290	653	CNW74-C	WEST3	0.44	0.77
0313	E	10' X 6' RCB	2680	653	CNW74-C	WEST3	0.44	2.50
0318	E	Transition Structure	60	653	CNW74-C	WEST3	0.44	1.50
0333	E	5' X 5' RCB	670	339	NW62-S	WEST3	0.22	1.50
CNGT		CENTENNIAL PKWY CHANNEL WEST / GRAND TETON BRANCH						
0000	E	10' X 5' RCB	2376	600	CNW71-E	WEST3	0.47	2.58
0043	P0	6' X 6' RCB	3980	600	CNW71-E	WEST3	0.47	3.00
0118	E	6' X 5' RCAP	5472	363	KYLEDET*	KYLEDB	57.73	3.72
CNKC		CENTENNIAL PKWY CHANNEL WEST / KYLE CANYON BRANCH						
0000	E	12' X 4' RCB	377	999	CNW72-C	WEST3	0.71	4.58
0007	E	10' X 5' RCB	874	999	CNW72-C	WEST3	0.71	3.28
0024	E	8' X 5' RCB	1385	999	CNW72-C	WEST3	0.71	2.40
0050	P0	84" RCP	2610	854	CNW72-C	WEST3	0.71	3.60
LVMO		LAS VEGAS WASH - MOCCASIN						
0000	P1	Conc Chnl 30'W 13'D 0:1 SS	7530	12520	CNW130-W	LOWER5	77.85	2.10
0144	P1	Conc Chnl 27'W 13'D 0:1 SS	1915	12502	2C64-E	LOWER5	77.49	3.10
0184	P1	Conc Chnl 27'W 12.5'D 0:1 SS	2440	12478	2CNW64-C	LOWER5	76.76	3.10
0226	P1	Conc Chnl 27'W 12.5'D 0:1 SS	2500	12478	2CNW64-C	LOWER5	76.76	3.10
0276	P1	Bridge 30'W 10'D	400	11877	CNW51-C	LOWER5	71.44	3.10
0280	P1	Conc Chnl 16'W 8'D 0:1 SS	3500	3095	CNW23-C	LOWER3	5.71	2.86
MOFA		MOCCASIN - FORT APACHE						
0000	P0	10' X 6' RCB	913	403	CNW64-E	LOWER3	0.73	0.50
0024	P0	9' X 6' RCB	537	403	CNW64-E	LOWER3	0.73	0.50
0053	P0	8' X 6' RCB	721	403	CNW64-E	LOWER3	0.73	0.50

ID / River Mile	Status	Facility Description	Length (ft.)	Flow (cfs)	HEC-1 Node	HEC-1 Model	Tributary Area (sq.mi.)	Channel Slope (%) **
MOHU		MOCCASIN - HUALAPAI BRANCH						
0000	P0	14' X 8' RCB	1920	761	2CNW45-N	LOWER3	2.10	0.50
0036	P0	10' X 8' RCB	2590	368	CNW45-N	LOWER3	1.15	0.50
0085	P0	72" RCP	790	368	CNW45-N	LOWER3	1.15	3.00
0100	P0	Natural Wash	850	65	DMODB1	LOWER3	0.81	3.00
0116	P0	60" RCPC	12	65	DMODB1	LOWER3	0.81	3.00
0118	P0	Natural Wash	3485	65	DMODB1	LOWER3	0.81	3.00
0184	P0	30" RCP Outlet	50	65	DMODB1	LOWER3	0.81	3.00
0185	P0	3,145 cfs PMF Spillway		3145	COFF20	LOWER3	0.81	
0186	P0	55 ac-ft Moccasin Outfall Detention Basin #1		721	COFF20	LOWER3	0.81	
MOIR		MOCCASIN - IRON MOUNTAIN BRANCH						
0000	P0	66" RCP	2770	446	2CNW33-C	LOWER3	1.76	3.60
0052	P0	42" RCP	2530	51	MODB3	LOWER3	0.39	3.60
0096	P0	30" RCP Outlet	50	51	MODB3	LOWER3	0.39	3.00
0097	P0	3,310 cfs PMF Spillway		3310	MODB3	LOWER3	0.39	
0098	P0	60 ac-ft Moccasin Outfall Detention Basin #3		396	OFF16	LOWER3	0.39	
MOKC		MOCCASIN AND KYLE CANYON						
0000	P1	11' X 8' RCB	5450	2662	CNW35-C	LOWER3	2.69	3.40
0222	P1	9' X 8' RCB	3900	2192	CNW-7	LOWER3	2.19	3.46
0325	P1	9' X 8' RCB	5700	2192	CNW-7	LOWER3	2.19	3.65
0380	P1	90" RCP	3000	1146	COFF5-1	LOWER3	1.02	3.73
MOSM		MOCCASIN AND SHEEP MOUNTAIN PARKWAY						
0000	P0	14' X 9' RCB	3370	3778	CNW64-C	LOWER3	5.32	2.40
0064	P0	14' X 8' RCB	880	3505	CNW50-C	LOWER3	4.99	3.00
0080	P0	14' X 8' RCB	710	3325	2CNW35-C	LOWER3	4.80	3.00
MOSR		MOCCASIN - SHAUMBER BRANCH						
0000	P0	54" RCP	1860	94	MODB2	LOWER3	1.44	2.40
0035	P0	Natural Wash	1215	46	MODB2	LOWER3	1.05	3.00
0058	P0	27" RCP Outlet	50	46	MODB2	LOWER3	1.05	3.00
0059	P0	3,145 cfs PMF Spillway		3145	COFF18	LOWER3	1.05	
0060	P0	40 ac-ft Moccasin Outfall Detention Basin #2		275	COFF18	LOWER3	1.05	
0061	P0	30" RCP Outlet from MOHU0186 to MOSR0060	100	76	DMODB2	LOWER3	0.81	3.00



REGIONAL FLOOD CONTROL DISTRICT

2013
LAS VEGAS VALLEY
FLOOD CONTROL
MASTER PLAN UPDATE

FIGURE F- 7
FIGURE F- 8
FIGURE F- 12
FIGURE F- 13

FLOOD CONTROL FACILITIES

LEGEND

- Ultimate Development Boundary
- Existing Facilities
- Category A Proposed Facilities
- Category B Proposed Facilities
- Local Existing Facilities
- Local Proposed Facilities
- Detention Basin
- Stormdrain
- Lined Channel
- Unlined Channel
- Levee/Dike
- Natural Wash/Floodway
- ID-Mile Separator

Remove & Replace/Parallel Facilities

Category A	Category B
Channel	Channel
Stormdrain	Stormdrain

N

0 2000 4000

SCALE – 1"=2000' FEET

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON PHASE 3B, 3C INFRASTUCTURE
CCRFCD MPU FACILITIES MAP

DATE:	JANUARY 2018
DRAFTER:	ETM
DESIGNER:	ETM
CHECKED:	LKL
PROJECT NO.	OLY1609.000

EXHIBIT C1
SHEET 1 OF 3

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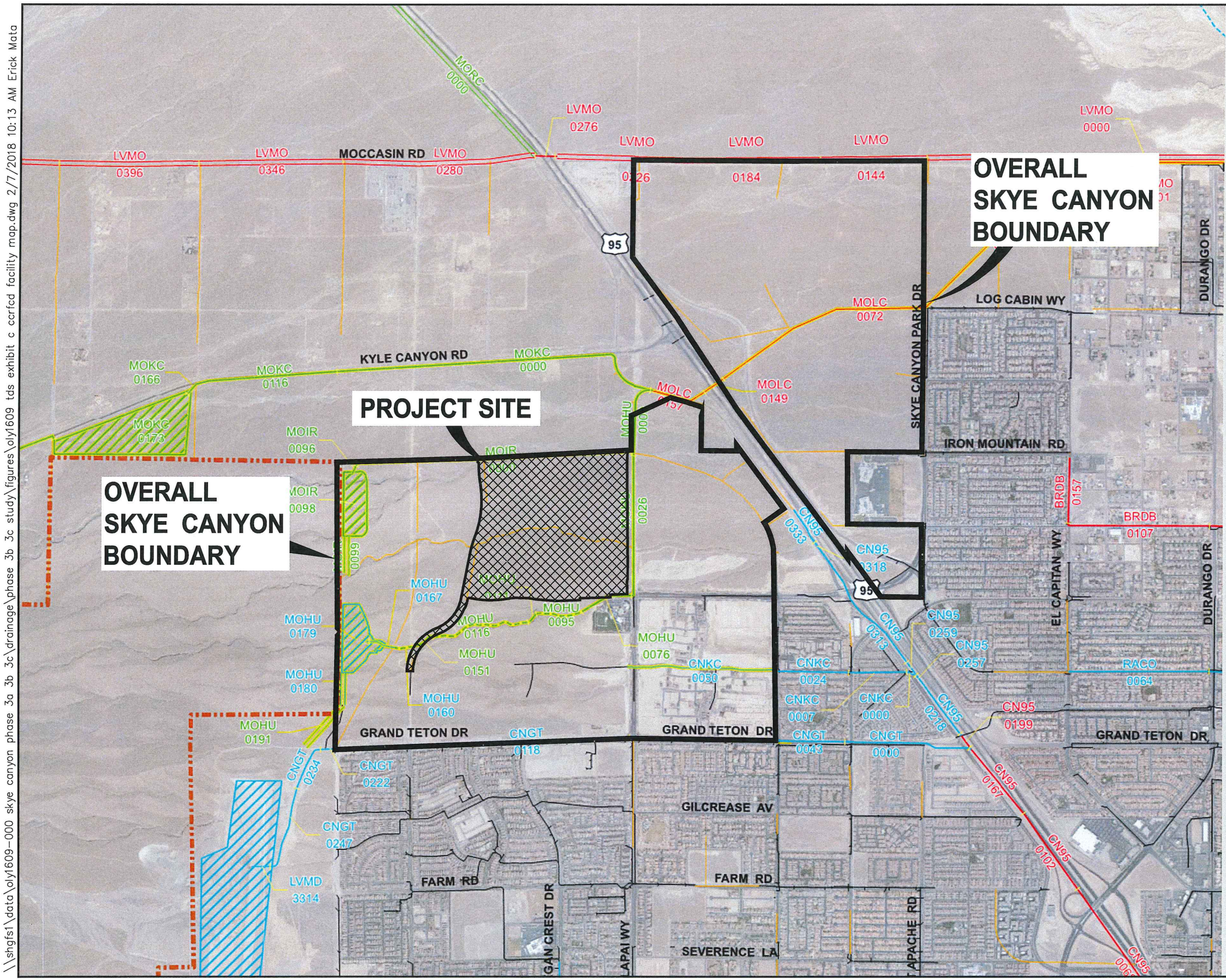

REGIONAL FLOOD CONTROL DISTRICT

2017
SKYE CANYON AMENDMENT TO
LAS VEGAS VALLEY
FLOOD CONTROL
MASTER PLAN UPDATE

FIGURE F-
FLOOD CONTROL FACILITIES

LEGEND

- Facility Revised by Amendment
- Ultimate Development Boundary
- Existing Facilities
- Category A Proposed Facilities
- Category B Proposed Facilities
- Local Existing Facilities
- Local Proposed Facilities
- Detention Basin
- Stormdrain
- Lined Channel
- Unlined Channel
- Levee/Dike
- Natural Wash/Floodway
- ID-Mile Separator

Remove & Replace/Parallel Facilities

Category A	Category B
Channel	Channel
Stormdrain	Stormdrain

N

0 1,000 2,000 4,000 6,000
Feet

Scale: 1 inch = 2,000 feet

US95 I-15 I-215

	2	3				
4	5	6				
	7	8	9	10		
11	12	13	14	15	16	17
	18	19	20	21	22	23
	24	25	26	27	28	
	29	30	31	32	33	34
	35	36	37	38	39	40
	41	42	43	44	45	46
	47	48	49	50	51	52
	53	54	55	56		
	57	58	59			

SLATER HANIFAN GROUP

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON PHASE 3B, 3C INFRASTUCTURE
CCRFCD MPU FACILITIES MAP AMENDMENT

DATE:	JANUARY 2018
DRAFTER:	ETM
DESIGNER:	ETM
CHECKED:	LKL
PROJECT NO.	OLY1609.000

EXHIBIT C2
SHEET 2 OF 3

ID / River Mile	Status	Facility Description	Length (ft.)	Flow (cfs)	HEC-1 Node	HEC-1 Model	Tributary Area (sq.mi.)	Channel Slope (%) **
BCHU		**BELTWAY CHANNEL - HUALAPAI**						
0000	E	12' X 5' RCAP	853	501	CBA3-C	WEST3	0.84	1.11
0017	E	8' X 5' RCAP	1216	501	CBA3-C	WEST3	0.84	1.33
0040	E	66" RCP	60	222	DNW26-C	WEST3	0.51	1.04
0042	E	60" RCP	615	222	DNW26-C	WEST3	0.51	1.42
0054	E	54" RCP	770	222	DNW26-C	WEST3	0.51	1.23
BRDB		**BRENT DRAINAGE SYSTEM**						
0000	E	36" RCP with 18" Orifice Plate	2170	37	BRDB	WEST3	2.48	0.40
0031	E	45,060 cfs PMF Spillway		45060	CBRDB	WEST3	2.48	
0032	E	450 ac-ft South Environmental Enhancement Area		1902	CBRDB	WEST3	2.48	
0033	E	Energy Dissipator	100	922	CNW113-C	WEST3	1.47	
0043	P1	8' X 7' RCB	2920	922	CNW113-C	WEST3	1.47	2.10
0107	P1	8' X 7' RCB	2660	922	CNW113-C	WEST3	1.47	2.40
0157	P1	12' X 7' RCB	1260	609	CNW96-C	WEST3	0.84	0.25
CN95		**CENTENNIAL PKWY CHANNEL WEST / U.S 95 BRANCH**						
0000	P1	Conc Chnl 22'W 10'D 0:1 SS	2990	3340	CNWBB3-C	WEST3	3.36	2.17
0068	P1	3: 8' X 7' RCB	3360	3216	CNW103-C	WEST3	3.05	2.12
0102	P1	3: 8' X 8' RCB	1710	2683	2CNW89-C	WEST3	2.63	2.09
0167	P1	2: 10' X 6' RCB	1580	1867	2CNW71-E	WEST3	1.61	1.50
0199	E	2: 10' X 6' RCB	320	1313	2CNW72-C	WEST3	1.13	0.82
0216	E	15' X 9' RCB	1127	1313	2CNW72-C	WEST3	1.13	0.82
0257	E	Transition Structure	59	1313	2CNW72-C	WEST3	1.13	0.77
0259	E	15' X 9' RCB	290	524	CNW74-C	WEST3	0.40	0.77
0313	E	10' X 6' RCB	2680	524	CNW74-C	WEST3	0.40	2.50
0318	E	Transition Structure	60	524	CNW74-C	WEST3	0.40	1.50
0333	E	5' X 5' RCB	670	265	NW62-S	WEST3	0.16	1.60
CNGT		**CENTENNIAL PKWY CHANNEL WEST / GRAND TETON BRANCH**						
0000	E	10' X 5' RCB	2376	600	CNW71-E	WEST3	0.47	2.58
0043	P0	6' X 5' RCB	3980	600	CNW71-E	WEST3	0.47	3.00
0118	E	6' X 5' RCAP	5472	363	KYLEDET*	KYLEDB	57.73	3.72
CNKC		**CENTENNIAL PKWY CHANNEL WEST / KYLE CANYON BRANCH**						
0000	E	12' X 4' RCB	377	999	CNW72-C	WEST3	0.71	4.58
0007	E	10' X 5' RCB	674	999	CNW72-C	WEST3	0.71	3.28
0024	E	8' X 5' RCB	1385	999	CNW72-C	WEST3	0.71	2.40
0050	E	72" RCP	388	2795	NW45-S	WEST3	0.31	3.60
CNWE		**CENTENNIAL PKWY CHANNEL WEST**						
0150	E	Conc Chnl 40'W 9.5'D 0:1 SS	2279	4233	CNW3B3-C	WEST3	5.64	0.42
0173	E	3: 18' X 6' RCBC @ Torrey Pines	200	4233	CNW3B3-C	WEST3	5.64	0.42
0176	E	Conc Chnl 40'W 9'D 0:1 SS	150	4233	CNW3B3-C	WEST3	5.64	0.41
0189	E	Conc Chnl 36'W 10'D 0:1 SS	1200	4067	CNW2D4-C	WEST3	5.15	0.42
0200	E	Conc Chnl 38'W 9'D 0:1 SS	2470	4067	CNW2D4-C	WEST3	5.15	1.00
0226	E	2: 18' X 8.5' RCBC @ Rio Vista	100	4067	CNW2D4-C	WEST3	5.15	0.51
0241	E	Conc Chnl 36'W 9.5'D 0:1 SS	405	3951	CNW2D3-C	WEST3	4.65	0.51
0251	E	Conc Chnl 36'W 9'D 0:1 SS	575	3951	CNW2D3-C	WEST3	4.65	0.51
0271	E	Conc Chnl 32'W 10'D 0:1 SS	229	3951	CNW2D3-C	WEST3	4.65	0.51
0274	E	32' X 10' RCBC @ Tenaya	142	3951	CNW2D3-C	WEST3	4.65	0.51
0277	E	Conc Chnl 32'W 9'D 0:1 SS	579	3951	CNW2D3-C	WEST3	4.65	0.64
0287	E	Conc Chnl 13'W 10'D 2:1 SS	805	3593	CNW2B2-C	WEST3	3.84	1.19
0301	P2	Conc Chnl 32'W 10'D 0:1 SS	235	3593	CNW2B2-C	WEST3	3.84	1.19
0304	P2	32' X 10' RCB	3259	3593	CNW2B2-C	WEST3	3.84	1.79
0314	E	22' X 7' RCB	785	3593	CNW2B2-C	WEST3	3.84	1.79
0325	P1	32' X 10' RCB	2200	3593	CNW2B2-C	WEST3	3.84	1.75
EKBU		**ELKHORN SPRINGS AND BUFFALO**						
0000	E	60" RCP	1046	375	NW134-C	WEST3	0.46	1.00
EKDB		**ELKHORN SPRINGS DETENTION BASIN**						
0000	E	Grass Chnl 15'W 5.8'D 3.5:1 SS	2575	238	CNW150-C	WEST3	1.41	0.39
0025	E	4' X 3' RCB	160	120	ELKBASIN	WEST3	0.84	0.50
0026	E	48" RCP	1270	120	ELKBASIN	WEST3	0.84	1.23
0049	E	60" RCP	1095	120	ELKBASIN	WEST3	0.84	0.13
0070	E	48 ac-ft Elkhorn Springs Detention Basin		629	CNW133-C	WEST3	0.84	

ID / River Mile	Status	Facility Description	Length (ft.)	Flow (cfs)	HEC-1 Node	HEC-1 Model	Tributary Area (sq.mi.)	Channel Slope (%) **
EKHU		**ELKHORN AND HUALAPAI**						
0000	E	6' X 5' RCB Overflow Structure	48	638	CNW26-C	WEST3	0.51	0.91
0001	E	6' X 5' RCAP	72	638	CNW26-C	WEST3	0.51	0.91
0003	E	6' X 4' RCAP	980	638	CNW26-C	WEST3	0.51	3.61
0020	E	6' X 5' RCAP	150	638	CNW26-C	WEST3	0.51	3.61
0023	E	6' X 5' RCAP	1200	638	CNW26-C	WEST3	0.51	0.90
GOEC		**GOWAN NORTH - EL CAPITAN BRANCH**						
0176	P1	78" RCP	1320	363	CCPFR-C	ALLGOW3	0.46	1.15
GONO		**GOWAN NORTH SYSTEM**						
0511	P1	7' X 6' RCB	1320	546	CCPHW-C	ALLGOW3	0.60	1.14
LVMD		**LAS VEGAS WASH - MIDDLE**						
2490	E	2: 13' X 7' RCB	2555	2278	CNW168-C	CWEST3	4.69	0.40
2507	E	2: 13' X 9' RCB	2831	2278	CNW168-C	CWEST3	4.69	0.36
2525	E	24' X 8' RCB	1140	1913	CNW159-C	CWEST3	3.91	0.40
2550	E	24' X 8' RCB	1445	1664	CD161-C	CWEST3	3.41	0.40
2574	E	24' X 8' RCB	1430	1664	CD161-C	CWEST3	3.41	0.40
2599	E	Conc Chnl 24'W 7'D 2:1 SS	1577	1585	CNW162-C	CWEST3	3.08	0.50
2632	E	18' X 5' RCB	1580	968	CNW138-C	WEST3	1.16	0.46
2661	E	18' X 5' RCB	2640	968	CNW138-C	WEST3	1.16	0.46
2711	E	10' X 5' RCB	1320	968	CNW138-C	WEST3	1.16	1.54
2737	E	10' X 5' RCB	1320	818	CNW139-C	WEST3	0.93	2.22
2763	E	6' X 5' RCB	1320	818	CNW139-C	WEST3	0.93	1.79
2789	E	6' X 5' RCB	1470	818	CNW139-C	WEST3	0.93	2.17
MOHU		**MOCCASIN - HUALAPAI BRANCH**						
0000	P0	10' X 8' RCB	1380	876	2CNW33-C	LOWER3	2.08	0.50
0026	P0	9' X 6' RCB	2645	544	CNW45-N	LOWER3	1.25	0.50
0076	P0	60" RCP	1000	281	CNW45-C	LOWER3	1.03	3.00
0095	P0	Natural Wash	885	281	CNW45-C	LOWER3	1.03	3.00
0111	P0	78" RCPC	225	281	CNW45-C	LOWER3	1.03	3.00
0116	P0	Natural Wash	1855	281	CNW45-C	LOWER3	1.03	3.00
MOIR		**MOCCASIN - IRON MOUNTAIN BRANCH**						
0000	P0	60" RCP	5360	373	CNW33-C	LOWER3	0.83	3.60
MOKC		**MOCCASIN AND KYLE CANYON**						
0000	P0	9' X 6' RCB	6140	1326	CNW35-C	LOWER3	2.69	3.40
MOLC		**MOCCASIN AND LOG CABIN BRANCH**						
0000	P1	14' X 9' RCB	3790	3083	CNW102-C	LOWER3	6.26	1.80
0072	P1	13' X 8' RCB	4050	2695	2CNW64	LOWER3	6.06	2.50
0149	P1	13' X 8' RCB	520	2086	CNW62-N	LOWER3	4.88	2.00
0157	P1	10' X 8' RCB	1080	2086	CNW62-N	LOWER3	4.88	3.00
MSNV		**MOUNTAIN SPA/VISTA RANCH**						
0000	E	6: 12' X 5' RCBC @ Grand Teton	273	679	CNW163-C	CWEST3	1.67	0.40
0005	E	Grass Chnl 100'W 4.5'D 10:1 SS	6325	679	CNW163-C	CWEST3	1.67	0.40
0125	E	Grass Chnl 100'W 4.5'D 10:1 SS	1300	116	CNW147E	WEST3	1.54	0.40
RACO		**RACEL STREET COLLECTOR**						
0000	E	96" RCP Baffled Energy Dissipator	54	428	CNW111S	WEST3	0.55	4.20
0001	E	78" RCP	3245	428	CNW111S	WEST3	0.55	2.46
0064	E	78" RCP	2650	349	DNW111S	WEST3	0.44	2.09
RCBC		**RANCHO ROAD SYSTEM - BELTWAY CHANNEL**						
0000	E	6' X 5' RCB	1062	222	FADB	WEST3	1.60	1.04
0002	E	54" RCP Outlet with 41" Orifice	503	222	FADB	WEST3	1.60	2.38
0003	E	2,341 cfs PMF Spillway		2341	FADBIN	WEST3	1.60	
0004	E	76 ac-ft Fort Apache Detention Basin		1255	FADBIN	WEST3	1.60	
0007	E	Energy Dissipator	100	1255	FADBIN	WEST3	1.60	
0009	E	12' X 6' RCBC @ Fort Apache Detention Basin	133	1255	FADBIN	WEST3	1.60	1.79
0012	E	Conc Chnl 12'W 6'-7'D 0:1 SS	1937	1255	FADBIN	WEST3	1.60	3.15
0048	E	12' X 6' RCBC @ Grand Canyon	140	1040	CMNA1	WEST3	1.32	3.15
0051	E	Conc Chnl 12'W 6'-8'D 0:1 SS	2660	1040	CMNA1	WEST3	1.32	3.44
0096	E	1: 10' X 6' and 1: 6' X 6' RCBC @ Hualapai Way	190	1040	CMNA1	WEST3	1.32	1.93
0100	E	Conc Chnl 12'W 5.5'D 0:1 SS	2085	598	CDMNA1	WEST3	0.48	2.88
0140	E	Conc Chnl 10'W 5'D 0:1 SS	2155	598	CDMNA1	WEST3	0.48	1.65

ID / River Mile	Status	Facility Description	Length (ft.)	Flow (cfs)	HEC-1 Node	HEC-1 Model	Tributary Area (sq.mi.)	Channel Slope (%) **
RCHB		**RANCHO ROAD SYSTEM - BELTWAY**						
0034	E	Conc Chnl 21'W 8'D 0:1 SS	1000	2631	CNW1C-W	WEST3	4.68	1.19
0053	E	2: 12' X 8' RCBC @ South Ramp Connector	85	2304	CDW1C1	WEST3	4.31	1.40
0054	E	Conc Chnl 21'W 8'D 0:1 SS	432	2304	CDW1C1	WEST3	4.31	1.51
0062	E	Transition Structure	130	2304	CDW1C1	WEST3	4.31	1.51
0065	E	24' X 7' RCB	480	2304	CDW1C1	WEST3	4.31	0.30
0074	E	24' X 6' RCB	50	2226	CNWBC6-C	WEST3	4.17	0.30
0075	E	20' X 6' RCBC @ Beltway	428	2226	CNWBC6-C	WEST3	4.17	2.81
0083	P1	20' X 6' RCB	950	2226	CNWBC6-C	WEST3	4.17	2.49
0101	P1	Conc Chnl 20'W 7'D 0:1 SS	980	2226	CNWBC6-C	WEST3	4.17	2.36
0120	E	20' X 6' RCBC @ Grand Montecito	120	2226	CNWBC6-C	WEST3	4.17	1.00
0122	P1	Conc Chnl 16'-20'W 6'D 0:1 SS	350	2226	CNWBC6-C	WEST3	4.17	1.84
0130	P1	Conc Chnl 16'W 6'D 0:1 SS	1012	2226	CNWBC6-C	WEST3	4.17	2.67
0149	P1	Conc Chnl 16'W 6'-7'D 0:1 SS	67	1888	CNWBC3	WEST3	3.75	2.27
0151	P1	Conc Chnl 16'W 7'D 0:1 SS	1255	1888	CNWBC3	WEST3	3.75	2.65
0171	E	16' X 6' RCBC @ El Capitan Way	234	1888	CNWBC3	WEST3	3.75	1.75
0175	E	Conc Chnl 14'W 7'D 0:1 SS	1220	1888	CNWBC3	WEST3	3.75	2.93
0196	E	Conc Chnl 14'W 7'D 0:1 SS	225	1402	CNWBA6-C	WEST3	3.61	2.93
0227	E	12' X 6' RCB	1885	1402	CNWBA6-C	WEST3	3.61	1.02
0250	E	12' X 6' RCB	3200	1402	CNWBA6-C	WEST3	3.61	1.00
0275	P1	7' X 6' RCB	2650	973	CNW66-C	WEST3	1.75	3.30
0295	P1	7' X 6' RCB	2875	973	CNW66-C	WEST3	1.75	3.30
TSDB		**TULE SPRINGS DRAINAGE SYSTEM**						
0000	E	2: 10' X 4' RCBC @ Echo Grande	100	26	TULEDB	WEST3	1.35	1.04
0002	E	36" RCP with 22" Orifice Plate	320	26	TULEDB	WEST3	1.35	0.33
0010	E	14,013 cfs PMF Spillway		14013	CTULEDB	WEST3	1.35	
0011	E	117 ac-ft North Environmental Enhancement Area		804	CTULEDB	WEST3	1.35	
0012	E	Energy Dissipator	260	376	CNW148-C	WEST3	0.52	
0023	P1	84" RCP	1320	376	CNW148-C	WEST3	0.52	0.80
0059	P1	78" RCP	2640	376	CNW148-C	WEST3	0.52	1.03

* *The HEC-1 node shown identifies the controlling concentration point for the associated facility and is located upstream of this facility due to decreasing peak flow with increasing tributary area caused by storm distribution transitions, depth area reduction factors, or attenuation of flow from routing.*

** *As-built or design slopes were used when available. All other slopes are based on existing topography. The user should verify the facility slope listed prior to performing any facility specific analysis.*

^ *For parallel facilities, the existing facility flow equals its normal depth capacity, and the proposed parallel facility flow equals the remaining flow (i.e., HEC-1 Node flow = existing facility normal depth capacity + proposed parallel facility flow).*

REGIONAL FLOOD CONTROL DISTRICT

SLATER HANIFAN GROUP

2013 LAS VEGAS VALLEY FLOOD CONTROL MASTER PLAN UPDATE

FACILITY INVENTORY FIGURE F - 13

LEGEND

ID (Facility Identifier) AABB
- Parent Stream Name
- Stream Name

River Mile 0000
- Distance Above Confluence with Parent Stream (Miles)
- Miles in Hundredths

Existing Facility ..... E
Proposed or Modified Facility ..... P
Contingency Level
- Category B P0
- Master Plan P1
- Preliminary Design P2
- Design P3

Bottom Width ..... W

Depth ..... D

Side Slope, H:V ..... SS

Construction Features

Cast in Place Concrete Pipe ..... CIPCP	Reinforced Concrete Arch Culvert ..... RCAC
Corrugated Metal Arch Pipe Culvert ..... CMAP	Reinforced Concrete Box ..... RCB
Corrugated Metal Pipe Culvert ..... CMPC	Reinforced Concrete Box Culvert ..... RCBC
High Density Polyethylene ..... HDPE	Reinforced Concrete Pipe ..... RCP
Horizontal Elliptical Reinforced Concrete Pipe ..... HERCP	Reinforced Concrete Pipe Culvert ..... RCPC
Reinforced Concrete Arch Pipe ..... RCAP	Storm Sewer Pipe ..... SSP

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON PHASE 3B, 3C INFRASTUCTURE

CCRFCD MPU FACILITIES SUMMARY

DATE: JANUARY 2018
DRAFTER: ETM
DESIGNER: ETM
CHECKED: LKL
PROJECT NO. OLY1609.000

EXHIBIT C3
SHEET 3 OF 3

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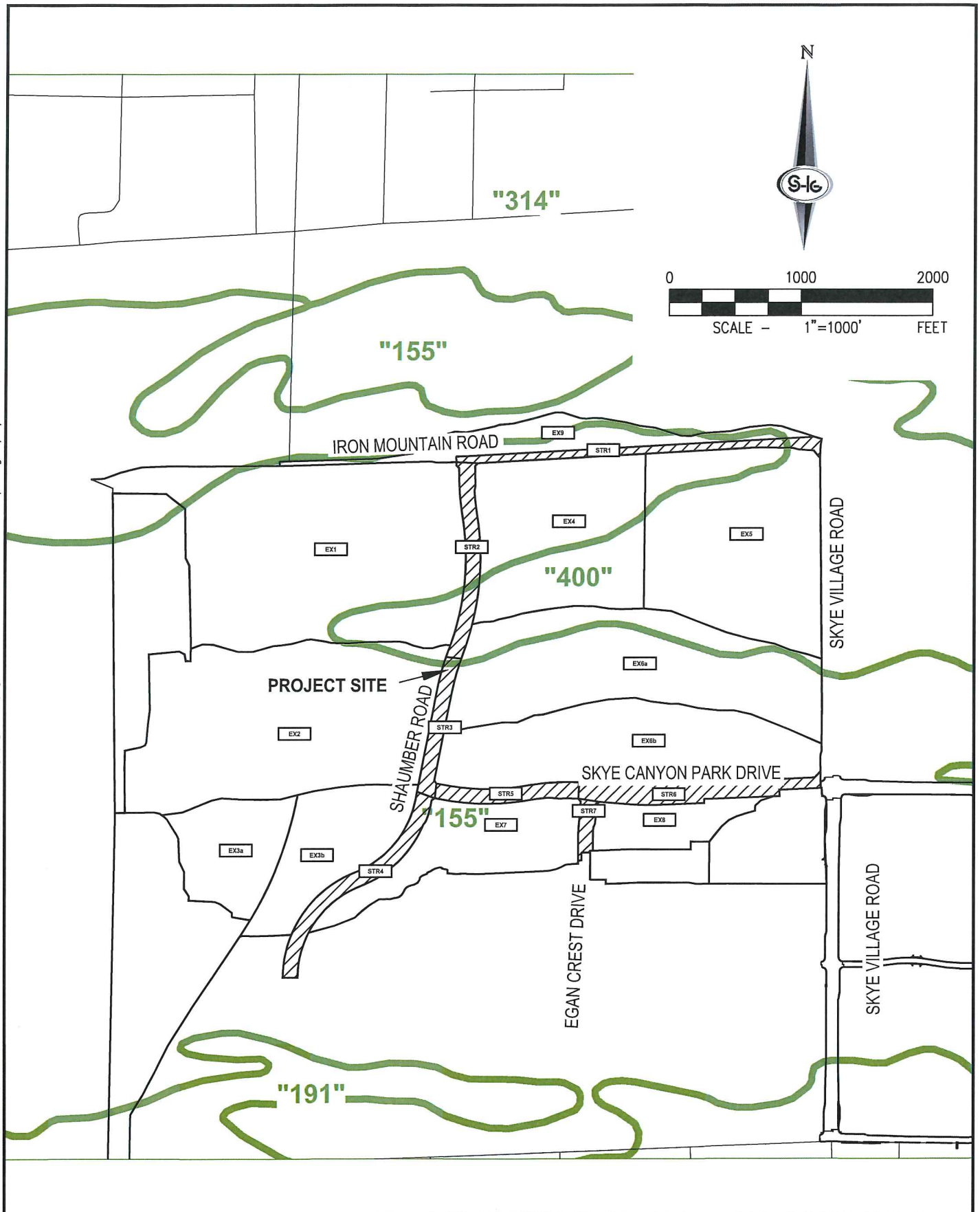

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NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON PHASE 3B, 3C INFRASTUCTURE
SOILS MAP

DATE: JANUARY 2018	PROJECT NO. OLY1609.000
DRAFTER: ETM	
DESIGNER: ETM	EXHIBIT D
CHECKED: LKL	SHEET 1 OF 1

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LEGEND

- BASIN BOUNDARY
- PRORATE BOUNDARY
- ID — BASIN ID
- ID — PRORATE BASIN ID
- ID — CONCENTRATION POINT ID
- FLOW DIRECTION

N

0 300 600

SCALE – 1"=300' FEET

Proposed Condition Flow Rate Summary

Basin/Concentration Point ID	Area (ac)	Q_{100} (cfs)	Q_{10} (cfs)
Basins			
EX1	68.0	161	63
EX2	58.1	139	53
EX3a	14.2	35	13
EX3b	17.1	44	17
EX4	33.8	70	27
EX5	42.4	87	33
EX6a	44.3	89	34
EX6b	34.5	68	26
EX7	18.9	46	18
EX8	8.3	20	8
EX9	12.0	21	8
STR1	3.9	12	6
STR2	3.9	13	7
STR3	2.8	9	5
STR4	4.7	16	8
STR5	2.9	10	5
STR6	5.6	19	10
STR7	1.1	4	2
Referenced Basins			
[1]SM1	5.8	20	10
[1]SM2	4.9	15	7
[1]SM3	2.1	7	3
[2]WPF4	5.7	19	9
[2]WSHA4	1.4	6	3
[2]WL4A	8.0	23	10
[3]ON1D	14.2	42	18

[1]Referenced from the "DB1" Study.
[2]Referenced from the "Master Drainage Study Update No.4".
[3]Referenced from the "Parcel 2.16 Study".

Proposed Condition Flow Rate Summary

Concentration Points Basin/Concentration Point ID	Area (mi^2)	Q_{100} (cfs)	Q_{10} (cfs)
CP1 Q = [1]RDB2 + EX1 + STR2	1.1	217	114
CP2 Q = CP1 + EX9 + STR1 + EX4 + EX5	1.3	389	184
CP3 Q = CP4 + EX6a +D1	0.3	298	113
CP4 Q = EX2 + STR3 + STR4 + EX3a	0.1	176	69
CP5 Q = STR4	<0.1	16	8
RCP6 Q = [2]WC20 + [2]WPF4 + [2]WSHA4	<0.1	106	49
CP7 Q = [1]RDB1 + [1]SM1 + [1]SM2 + [1]SM3 + RCP6 + [2]WL4A + [3]ON1D + EX3b + EX7 + STR5 + STR7	1.0	331	179
CP8 Q = CP7 + EX8 + STR6	1.0	383	191
CP9 Q = CP8 + [4]PARK	1.1	393	203
RCP3 Q = CP9 + EX6b + DIV1	1.1	422	215
Refrenced Concentration Points			
[4]WC20	<0.1	86	40
[1]RDB1	0.9	71	57
[1]RDB2	1.0	85	64
[3]PARK	<0.1	36	13

[1]Referenced from the "DB1" Study.
[2]Referenced from the "DB2" Study.
[3]Referenced from the "Park" Study.
[4]Referenced from the "Master Drainage Study Update No.4".
[5]Referenced from the "Parcel 2.16 Study".

Prorated Flow Summary

Basin ID	Q_{100} (cfs)	Area (acres)	100-yr Unit Flow (cfs/acre)
EX1	161	68.03	2.4
EX2	139	58.09	2.4
EX3b	44	17.12	2.6
EX4	70	33.79	2.1
EX5	87	42.36	2.1
EX8	20	8.31	2.4
Subbasin ID	**Q_{100} (cfs)**	**Area (acres)**	**100-yr Unit Flow (cfs/acre)**
A1	67	28.17	2.4
A2	34	14.25	2.4
B	61	25.61	2.4
TOTAL	***161***	***68.03***	
C	101	42.36	2.4
D	38	15.73	2.4
TOTAL	***139***	***58.09***	
E	14	5.23	2.6
F	11	4.33	2.6
G	10	4.05	2.6
H	9	3.51	2.6
TOTAL	***44***	***17.12***	
Z1	44	21.10	2.1
Z2	26	12.69	2.1
TOTAL	***70***	***33.79***	
I	23	11.38	2.1
J	28	13.66	2.1
K	36	17.32	2.1
TOTAL	***87***	***42.36***	
L	14	5.76	2.4
M	6	2.55	2.4
TOTAL	***20***	***8.31***	

SEE EXHIBIT F FOR EXTENTS OF OFFSITE BASINS

REFER TO "DB1 and DB2 TECHNICAL DRAINAGE STUDIES FOR LIMITS OF OFFSITE DRAINAGE BASINS WEST OF PULI ROAD

IRON MOUNTAIN ROAD
SKYE VILLAGE ROAD
SHAMBER ROAD
SKYE CANYON PARK DRIVE
EGAN CREST DRIVE
PULI DRIVE
HUALAPAI WAY

*OFF10 *OFF9 *OFF8 *OFF7 **OFF6 **OFF5

*RDB2 *DB2 SKYE CANYON "DB2" SHG OLY1505.000 CLV# DS4813

**DB1 **RDB1 SKYE CANYON "DB1" SHG OLY1401.004 CLV# DS4698

SKYE CANYON PARK SHG OLY1401.003 CLV# DS4707

SKYE CANYON PARCEL 2.16 SHG OLY1607.002 CLV# DS4842

SKYE CANYON PARCEL 2.15 SHG PAR1603.000 CLV# DS4840

SKYE CANYON PHASE 2 INFRASTRUCTURE SHG OLY1501.001 CLV# DS4739

CP1 CP2 CP3 CP4 CP5 CP6 CP7 CP8 CP9 RCP3 *PARK

STR1 STR2 STR3 STR4 STR5 STR6 STR7

EX1 EX2 EX3a EX3b EX4 EX5 EX6a EX6b EX7 EX8 EX9

A1 A2 B C D E F G H I J K L M Z1 Z2

(32 CFS) 0 CFS (76 CFS) 0 CFS (108 CFS) 34 CFS DIV1 34 CFS DIV2 79 CFS

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON PHASE 3B, 3C INFRASTUCTURE

PROPOSED CONDITION DRAINAGE MAP

DATE: FEBRUARY 2018
DRAFTER: ETM
DESIGNER: ETM
CHECKED: LL

PROJECT NO.
OLY1609.000

EXHIBIT E
SHEET 1 OF 1

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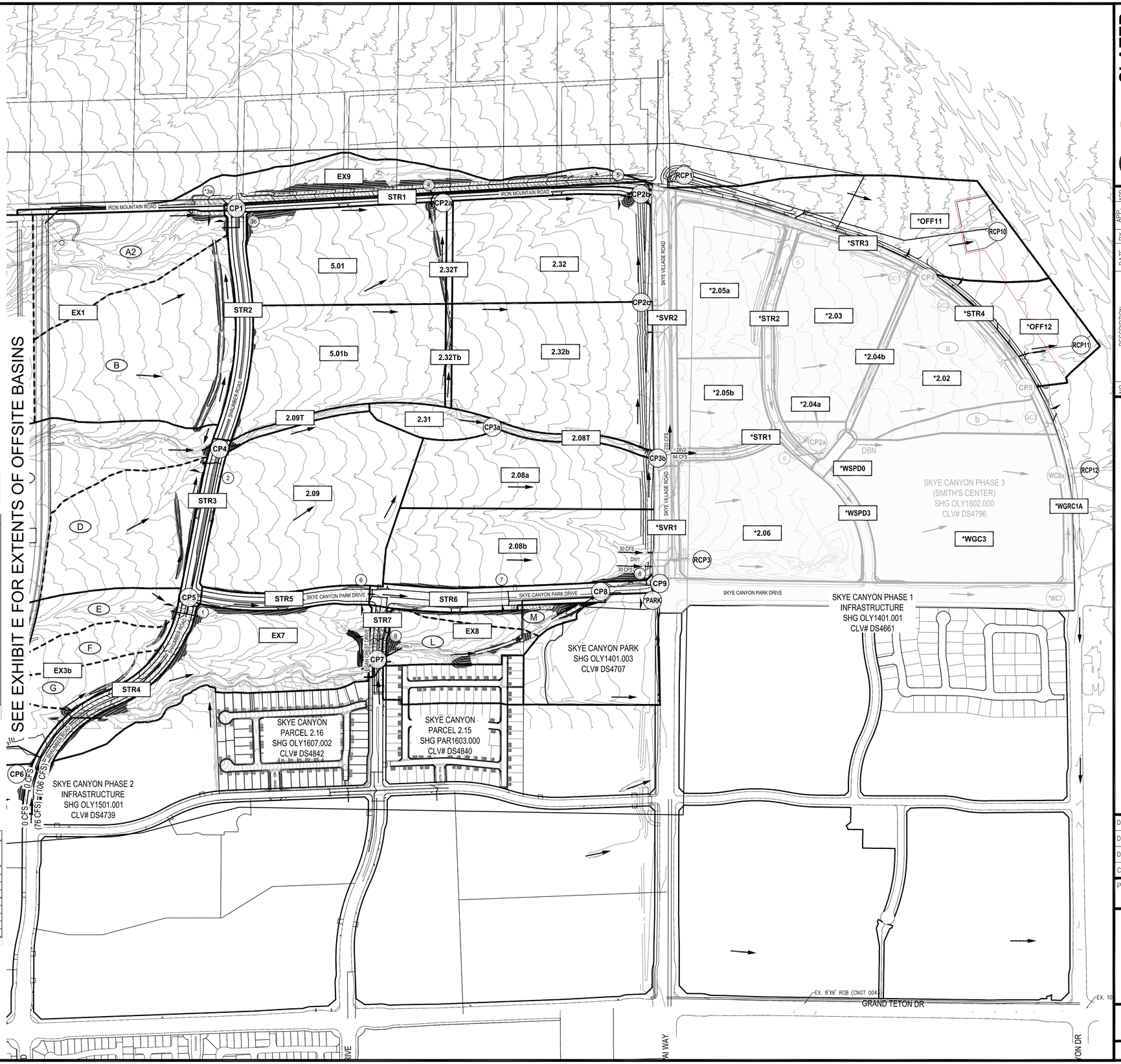

LEGEND

- BASIN BOUNDARY
- PRORATE BOUNDARY
- ID — BASIN ID
- ID — PRORATE BASIN ID
- ID — CONCENTRATION POINT ID
- FLOW DIRECTION
- ID — FLOWMASTER SECTION

N

0 300 600

SCALE – 1"=300' FEET

Interim Condition Flow Rate Summary

Basin/Concentration Point ID	Area (ac)	Q_{100} (cfs)	Q_{10} (cfs)
Basins			
EX1	68.0	161	63
EX2	58.1	139	53
EX3a	14.2	35	13
EX3b	17.1	44	17
EX7	18.9	46	18
EX8	8.3	20	8
EX9	12.0	21	8
STR1	3.9	12	6
STR2	3.9	13	7
STR3	2.8	9	5
STR4	4.7	16	8
STR5	2.9	10	5
STR6	5.6	19	10
STR7	1.1	4	2
2.08a	15.8	49	24
2.08b	19.4	61	29
2.08T	1.2	3	1
2.09	29.1	81	36
2.09T	1.1	3	1
2.31	3.2	8	3
2.32	20.3	62	30
2.32b	24.8	74	36
2.32T	0.6	1	<1
2.32Tb	0.6	1	<1
5.01	18.7	64	31
5.01b	20.3	68	33
Referenced Basins			
[1]SM1	5.8	20	10
[1]SM2	4.9	15	7
[1]SM3	2.1	7	3
[2]WPF4	5.7	19	9
[3]WSHA4	1.4	6	3
[3]WL4A	8.0	23	10
[3]ON1D	14.2	42	18

[1]Referenced from the "DB1" Study.
[2]Referenced from the "Master Drainage Study Update No.4".
[3]Referenced from the "Parcel 2.16 Study".

Interim Condition Flow Rate Summary

Concentration Points Basin/Concentration Point ID	Area (mi^2)	Q_{100} (cfs)	Q_{10} (cfs)
CP1 Q = RDB2 + EX1 + STR2	1.1	217	114
CP2a Q = CP1 + 5.01 + 2.32T + 1/2 STR1	1.2	271	139
CP2b Q = CP2a + EX9 + STR1 + 2.32	1.2	350	182
CP2c Q = 5.01b + 2.32Tb + 2.32b	0.1	141	68
RCP1 Q = CP2b + CP2c + D2 + SVR1 + SVR2	1.5	709	340
CP3a Q = CP4 + 2.09T + 2.09 +2.31	0.2	243	92
CP3b Q = CP3a + 2.08T + 2.08a + D1	0.2	317	118
CP4 Q = EX2 + STR3 + STR4 + EX3a	0.1	176	69
CP5 Q = STR4	<0.1	16	8
RCP6 Q = *WC20 + *WPF4 + *WSHA4	<0.1	106	49
CP7 Q = [2]RDB1 + RCP6 + *WL4A + [3]ON1D + EX7 + STR5 + STR7 + EX3b	1.1	331	179
CP8 Q = CP7 + EX8 + STR6	1.1	363	191
CP9 Q = CP8 + *PARK	1.1	393	203
RCP3 Q = CP9 + D1	1.1	420	217
RCP10 Dow nstream Comparison Point	1.6	761	355
RCP11 Dow nstream Comparison Point	<0.1	148	70
RCP12 Dow nstream Comparison Point	1.3	731	358
Refrenced Concentration Points			
[4]WC20	<0.1	86	40
[1]RDB1	0.9	71	57
[1]RDB2	1.0	85	64
[3]PARK	<0.1	36	13

[1]Referenced from the "DB1" Study.
[2]Referenced from the "DB2" Study.
[3]Referenced from the "Park" Study.
[4]Referenced from the "Master Drainage Study Update No.4".
[5]Referenced from the "Parcel 2.16 Study".

Prorated Flow Summary

Basin ID	Q_{100} (cfs)	Area (acres)	100-yr Unit Flow (cfs/acre)
EX1	161	68.03	2.4
EX2	139	58.09	2.4
EX3b	44	17.12	2.6
EX8	20	8.31	2.4
Subbasin ID	**Q_{100} (cfs)**	**Area (acres)**	**100-yr Unit Flow (cfs/acre)**
A1	67	28.17	2.4
A2	34	14.25	2.4
B	61	25.61	2.4
TOTAL	***161***	***68.03***	
C	101	42.36	2.4
D	38	15.73	2.4
TOTAL	***139***	***58.09***	
E	13	5.23	2.6
F	31	11.89	2.6
G	10	4.05	2.4
H	8	3.51	2.4
TOTAL	***44***	***17.12***	
L	14	5.76	2.4
M	6	2.55	2.4
TOTAL	***20***	***8.31***	

Interim Condition 100-Year Street Flow Summary

Section ID	Q_{100} (cfs)	Slope (%)	Depth (ft)	Velocity (fps)	DxV
1 (Q = STR4)	16	2.00	0.41	4.1	1.7
2 (Q = STR3 + Facility P7 Bypass)	10	2.00	0.36	3.8	1.4
*3a (Q = *WRN1 + *WRN2)	9	2.00	0.42	4.2	1.8
3b (Q = STR2)	13	1.00	0.43	3.0	1.3
*4 (Q = 1/2STR1 + Facility P17 Bypass)	6.5	4.00	0.35	5.2	1.8
*5 (Q = 1/2STR1 + Facility P20 Bypass + Basin 2.32T)	8	1.50	0.43	3.6	1.6
6 (Q = STR5)	10	2.00	0.36	3.8	1.4
7 (Q = 1/2STR6 + Facility P27 Bypass)	13	4.75	0.35	5.4	1.9
8 (Q = 1/2STR6 + Facility P30 Bypass)	14	1.5	0.41	3.57	1.5
*9 (Q = 1/2STR5 + 1/2STR7)	7	3.44	0.38	3.59	1.4

* Modeled as a Half Street Section
[1]Referenced from the "Master Drainage Study Update No.4".

Interim Condition 10-Year Street Flow Summary

Section ID	Q_{10} (cfs)	Slope (%)	Depth (ft)	Velocity (fps)	DxV	Dry Lane (ft)
SH10 (Q = Most Conservative Shaumber Street Basin)	8	1.00	0.37	2.8	1.0	15.0
		3.24	0.32	4.2	1.4	17.5
*IM10 (Q = Basin STR1)	6	2.00	0.38	3.9	1.5	21.0
		4.00	0.35	4.8	1.7	22.5
SC10 (Q = Most Conservative Skye Canyon Park Street Basin)	10	4.75	0.32	5.1	1.6	24.0

*Modeled as Half Street

Recommended Flood Control Drop Inlet Summary

Facility ID	Facility Description	Total/Approaching Flow (cfs) Q_{100}	Facility Flow (cfs) Q_{100}	Surface/Bypass Flow (cfs) Q_{100}	Notes
P7	20.0' Type CM2 D.I.	16	15	1	0.5 cfs bypass per inlet
P9 & P10	17.5' Type CM2 D.I.	10	10	0	
P14	17.5' Type CM2 D.I.	13	13	0	
P17	17.5' Type CM2 D.I.	9	8	1	1 cfs bypass per inlet
P20	17.5' Type CM2 D.I.	7	6	1	1 cfs bypass per inlet
P23	20.0' Type CM2 D.I.	8	8	0	
P27	10.0' Type CM2 D.I.	10	7	3	1.5 cfs bypass per inlet
P30	10.0' Type CM2 D.I.	13	8	5	2.5 cfs bypass per inlet
P32	17.5' Type CM2 D.I.	14	13	1	0.5 cfs bypass per inlet

-Note that in some areas one half of the roadw ay w ill not be built. Therefore, the notes identify the quantity bypassed by each drop inlet.

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

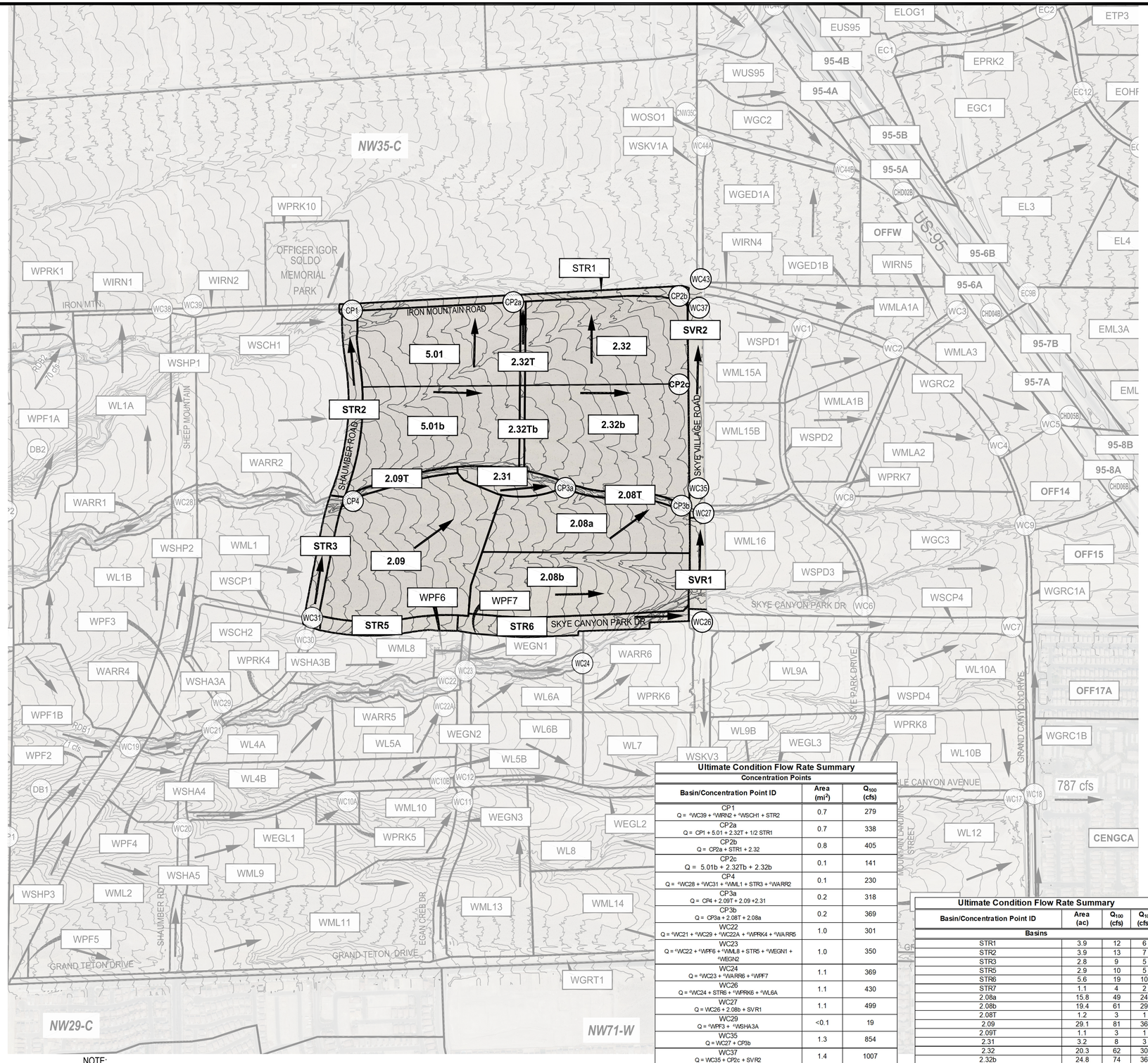
SKYE CANYON PHASE 3B, 3C INFRASTUCTURE
INTERIM CONDITION DRAINAGE MAP

DATE: JANUARY 2018
DRAFTER: ETM
DESIGNER: ETM
CHECKED: LL
PROJECT NO.
OLY1609.000

EXHIBIT F
SHEET 1 OF 1

\\shg1s1\data\oly\1609-000 skye canyon phase 3b_3c\drainage\phase 3b_3c study\figures\oly1609 tds exhibit f interim condition drainage map.dwg 2/6/2018 4:48 PM Erick Mata

SEE REFERENCED EXHIBIT E FROM THE MASTER DRAINAGE STUDY UPDATE FOR EXTENTS OF ULTIMATE BASINS



NOTE:

- THE MAP VIEWPORT HAS ONLY INCLUDED THE MOST PERTINENT BASINS TO THE PROJECT SITE.
- BOLD CONCENTRATION POINTS HAVE BEEN UTILIZED FOR ULTIMATE CONDITION WSPGW MODEL AND SIZING OF STORM DRAIN.
- BOLD CONCENTRATION POINTS LOCATED AT THE EAST SIDE OF THE PROJECT SITE HAVE BEEN UTILIZED AS COMPARISON POINTS TO THE MOST CURRENT MASTER DRAINAGE STUDY UPDATE.
- SEE REFERENCED ULTIMATE CONDITION EXHIBIT E FROM THE MASTER DRAINAGE STUDY UPDATE FOR THE FULL EXTENTS OF THE ULTIMATE CONDITION WATERSHED.

Ultimate Condition Flow Rate Summary
Concentration Points

Basin/Concentration Point ID	Area (mi^2)	Q_{100} (cfs)
CP1 Q = [4]WC39 + [1]WIRN2 + [4]WSCH1 + STR2	0.7	279
CP2a Q = CP1 + 5.01 + 2.32T + 1/2 STR1	0.7	338
CP2b Q = CP2a + STR1 + 2.32	0.8	405
CP2c Q = 5.01b + 2.32Tb + 2.32b	0.1	141
CP4 Q = [4]WC28 + [4]WC31 + [4]WML1 + STR3 + [1]WARR2	0.1	230
CP3a Q = CP4 + 2.09T + 2.09 +2.31	0.2	318
CP3b Q = CP3a + 2.08T + 2.08a	0.2	369
WC22 Q = [4]WC21 + [4]WC29 + [4]WC22A + [4]WPRK4 + [4]WARR5	1.0	301
WC23 Q = [4]WC22 + [4]WPF6 + [4]WML8 + STR5 + [4]WEGN1 + [4]WEGN2	1.0	350
WC24 Q = [4]WC23 + [4]WARR6 + [4]WPF7	1.1	369
WC26 Q = [4]WC24 + STR6 + [4]WPRK6 + [4]WL6A	1.1	430
WC27 Q = WC26 + 2.08b + SVR1	1.1	499
WC29 Q = [4]WPF3 + [4]WSHA3A	<0.1	19
WC35 Q = WC27 + CP3b	1.3	854
WC37 Q = WC35 + CP2c + SVR2	1.4	1007
WC43 Q = WC37 + CP2b	2.2	1342
Refrenced Concentration Points		
[4]WC21	1.0	201
[4]WC22A	<0.1	67
[4]WC28	0.1	113
[4]WC39	0.6	157

[4]Referenced from the "Master Drainage Study Update No.4".

Ultimate Condition Flow Rate Summary

Basin/Concentration Point ID	Area (ac)	Q_{100} (cfs)	Q_{10} (cfs)
Basins			
STR1	3.9	12	6
STR2	3.9	13	7
STR3	2.8	9	5
STR5	2.9	10	5
STR6	5.6	19	10
STR7	1.1	4	2
2.08a	15.8	49	24
2.08b	19.4	61	29
2.08T	1.2	3	1
2.09	29.1	81	36
2.09T	1.1	3	1
2.31	3.2	8	3
2.32	20.3	62	30
2.32b	24.8	74	36
2.32T	0.6	1	<1
2.32Tb	0.6	1	<1
5.01	18.7	64	31
5.01b	20.3	68	33
Referenced Basins			
[5]SVR1	2.7	10	5
[5]SVR2	6.4	20	10

[5]Referenced from the "Phase 3A" Study.

N

SCALE – 1"=400' (0, 400, 800 FEET)

LEGEND

- BASIN BOUNDARY
- ID — BASIN ID
- NW ID — MPA BASIN ID
- ID — CONCENTRATION POINT ID
- FLOW DIRECTION

REFERENCED BASINS AND CONCENTRATION POINTS

Ultimate Condition Flow Rate Summary
Skye Canyon West Basins

Basin/Concentration Point ID	Area (sq)	Q_{100} (cfs)	Q_{10} (cfs)
WARR1	3.6	9	4
WARR2	2.8	7	3
WARR3	7.1	17	7
WARR4	1.3	3	1
WARR5	8.0	18	8
WARR6	2.4	6	2
WGC1	8.3	24	11
WGC2	8.3	23	10
WGC3	30.4	95	47
WGED1A	28.4	77	35
WGED1B	11.5	33	16
WL10A	17.1	46	21
WL10B	18.3	49	22
WL11	36.7	99	46
WL12	31.4	84	38
WL1A	29.8	81	38
WL1B	28.0	79	36
WL2	15.7	45	21
WL3	24.9	69	32
WL4A	8.0	23	10
WL4B	8.9	27	12
WL5A	10.9	32	15
WL5B	3.8	12	5
WL6A	6.2	19	9
WL6B	10.6	30	14
WL7	11.5	34	16
WL8	17.4	48	22
WL9A	18.2	49	22
WL9B	14.4	39	18
WML1	18.0	52	24
WML10	11.6	38	19
WML11	16.0	48	23
WML12	15.1	44	20
WML13	16.4	49	25
WML14	19.2	59	29
WML15A	12.3	40	20
WML15B	11.2	34	17
WML16	22.2	64	32
WML2	27.4	78	38
WML3	17.3	56	28
WML4	25.1	77	38
WML5	27.3	82	41
WML6	20.5	64	32
WML7	18.6	59	30
WML8	10.3	34	17
WML9	16.4	55	28
WMLA1A	6.5	20	10
WMLA1B	12.0	37	18
WMLA2	30.4	88	44
WMLA3	11.5	35	17
WPF1A	20.2	59	29
WPF1B	18.9	63	31
WPF2	3.1	10	5
WPF3	4.6	17	8
WPF4	5.7	19	9
WPF5	0.4	1	0
WPF6	1.0	4	2
WPF7	4.5	14	7
WPRK1	2.4	6	2
WPRK10	10.0	19	8
WPRK2	3.2	7	2
WPRK3	1.8	4	2
WPRK4	1.0	3	1
WPRK5	2.0	5	2
WPRK6	13.2	28	10
WPRK7	3.0	6	2
WPRK8	1.7	4	1
WPRK9	0.5	1	0
WSCH1	39.4	106	48
WSCH2	11.5	37	16
WEST ROADWAY BASINS			
WEGL1	3.4	12	6
WEGL2	3.3	12	7
WEGL3	4.8	16	9
WEGN1	0.5	2	1
WEGN2	2.1	2	1
WEGN3	3.3	10	6
WGRC1A	1.3	4	2
WGRC1B	3.2	10	5
WGRC2	2.7	9	5
WGRT1	11.7	30	16
WIRN1	0.6	2	1
WIRN2	2.2	7	4
WIRN3	1.3	5	3
WIRN4	2.7	9	5
WIRN5	0.7	3	2
WMTL1	1.3	5	2
WOSO1	2.2	8	4
WSCP1	1.5	6	3
WSCP2	3.0	11	6
WSCP3	3.5	13	7
WSCP4	7.8	25	14
WSHA1	2.3	6	2
WSHA2	1.5	5	2
WSHA3A	0.7	3	1
WSHA3B	1.6	6	3
WSHA4	1.4	6	3
WSHA5	2.4	8	5
WSHP1	6.4	19	9
WSHP2	9.3	27	13
WSHP3	10.4	31	15
WSKV1A	1.4	5	3
WSKV1B	3.5	11	6
WSKV2	2.0	19	8
WSKV3	4.2	14	7
WSKV4	4.5	15	8
WSPD1	0.7	3	1
WSPD2	2.1	3	2
WSPD3	0.9	3	2
WSPD4	2.3	8	4
WUS95	8.5	28	16

Ultimate Condition Flow Rate Summary
Skye Canyon West Concentration Points

Basin/Concentration Point ID	Area (sq. mi)	Q_{100} (cfs)	Q_{10} (cfs)
WC1 Q = WML15A + WSPD1	0.02	43	21
WC2 Q = WC1 + WIRN4 + WMLA1A	0.03	73	37
WC3 Q = WC2 + WGED1B + WIRN5	0.05	109	54
WC4 Q = WPRK7 + WMLA1B + WMLA2 + WGRC2	0.08	135	67
WC5 Q = WC4 + WMLA3	0.09	170	83
WC6 Q = WML16 + WSPD3	0.04	68	33
WC7 Q = WC6 + WL9A + WL10A + WSCP4	0.10	186	89
WC9 Q = WML15B + WSPD2	0.02	37	19
WC8 Q = WC7 + WC23 + WGRC1A + WC3	0.17	322	155
WC10A Q = WMLB + WPRK5	0.03	60	30
WC10B Q = WC10A + WL4B + WEGL1	0.05	99	48
WC11 Q = WML10 + WEGN3	0.07	127	61
WC12 Q = WC10B + WC11	0.11	226	109
WC13 Q = WC12 + WL6B + WL7 + WML13 + WEGL2	0.17	352	170
WC14 Q = WC13 + WML14 + WL8 + WSKV3 + WSKV4	0.24	485	236
WC15 Q = WL6B + WSPD4	0.03	46	21
WC16 Q = WL11 + WPRK9 + WPRK8 + WMTL1	0.06	106	48
WC17 Q = WC14 + WC15 + WC16 + WEGL3 + WL10B	0.37	695	331
WC18 Q = WC17 + WL12 + WGRC1B	0.42	787	372
WC19 Q = RDB1 + WPRK3 + WPF2	0.90	94	70
WC20 Q = WPF5 + WML2 + WSHA5	0.05	86	42
WC21 Q = WC19 + WC20 + WARR4 + WPF4 + WSHA4	0.96	201	121
WC22A Q = WL4A + WL5B + WL5B	0.05	67	43
WC22 Q = WC21 + WC22A + WPRK4 + WARR5	1.01	282	169
WC23 Q = WC22 + WML8 + WPF6 + WEGN1 + WEGN2	1.03	322	189
WC24 Q = WC23 + WARR6 + WPF7 + WL6A	1.05	359	194
WC25 Q = WSCP2 + WPRK3	0.01	16	8
WC26 Q = WC24 + WC25 + WPRK6 WSCP3	1.09	412	217
WC27 Q = WC26 + WML7 + WSKV2	1.12	487	253
WC28 Q = WL1B + WARR1 + WSHP2	0.06	113	53
WC29 Q = WPF4 + WSHA3A	0.01	19	10
WC30 Q = WC29 + WSCH2 + WSHA3B	0.04	62	29
WC31 Q = WC30 + WSCP1	0.04	68	33
WC32 Q = WC31 + WML1 + WSHA2	0.07	124	58
WC33 Q = WC28 + WC32 + WARR2	0.14	244	113
WC34 Q = WC33 + WARR3 + WML5 + WML6	0.23	404	191
WC35 Q = WC27 + WC34	1.34	876	436
WC36 Q = WL2 + WPRK2	0.03	51	23
WC37 Q = WC35 + WC36 + WSKV1B + WL3	1.41	1000	492
WC38 Q = RDB2 + WPRK1 + WIRN1 + WL1A	0.62	139	84
WC39 Q = WC38 + WSHP1	0.63	157	93
WC40 Q = WSCH1 + WSHA1	0.07	112	50
WC41 Q = WC38 + WC39 + WIRN2 + WC40 + WML3	0.72	321	170
WC42 Q = WC41 + WIRN3 + WML4	0.77	398	209
WC43 Q = WL3 + WC42	2.18	1325	648
WC44A Q = WC40 + WSKV1A	2.19	1330	650
WC44B Q = CNW35C + WC44A + WOSC2 + WOSO1 + WSED1A	4.95	2110	904
WC44C Q = NW95-C + WGC1	0.18	250	97

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON PHASE 3B, 3C INFRASTUCTURE

ULTIMATE CONDITION DRAINAGE MAP

DATE: JANUARY 2018
DRAFTER: ETM
DESIGNER: ETM
CHECKED: LKL
PROJECT NO.
OLY1609.000

PROFESSIONAL ENGINEER – STATE OF NEVADA
LANT K. LEAVITT
Exp. 12/31/2017
CIVIL
No. 18287

EXHIBIT G
SHEET 1 OF 1

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APPENDIX B

Hydrologic Data

Precipitation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Rainfall and Precipitation Computation

Project Name: Skye Canyon Infrastructure Phase 3B, 3C
Date: 2/6/2018
File Name: OLY1609 TDS Precipitation Calcs.xls
By: ETM

Data:

Reference:

Project is located in: Township: 19 S. Range: 60 E. Section: 7 — APN Map

Site is NOT located in the McCarran Airport Rainfall Area — Figure 513*

Rainfall Depth-Duration-Frequency 10-Year, 6-Hour: 1.30 inches — Figure 503*

Rainfall Depth-Duration-Frequency 100-Year, 6-Hour: 2.10 inches — Figure 506*

Precipitation Adjustment Ratios:

10-Year: 1.24 — Table 501*
100-Year: 1.43 — Table 501*

Six Hour Depth Area Reduction Factors (DARF):
Area (gross acres): 0.0 = 0.0000 square miles — Table 502*
DARF = 1.00

Calculations:

P_{10} = 1.61 10-Year Precipitation (in)
P_{100} = 3.00 100-Year Precipitation (in)

P10/P100= 0.54 HEC-1 Multiple Ratio Value

Equations:

P=(Rainfall)*(Precipitation Adjustment Ratio)*(Depth Area Reduction Factor)

* Equations taken from the Clark County Regional Flood Control District - Hydrologic Criteria and Drainage Desi

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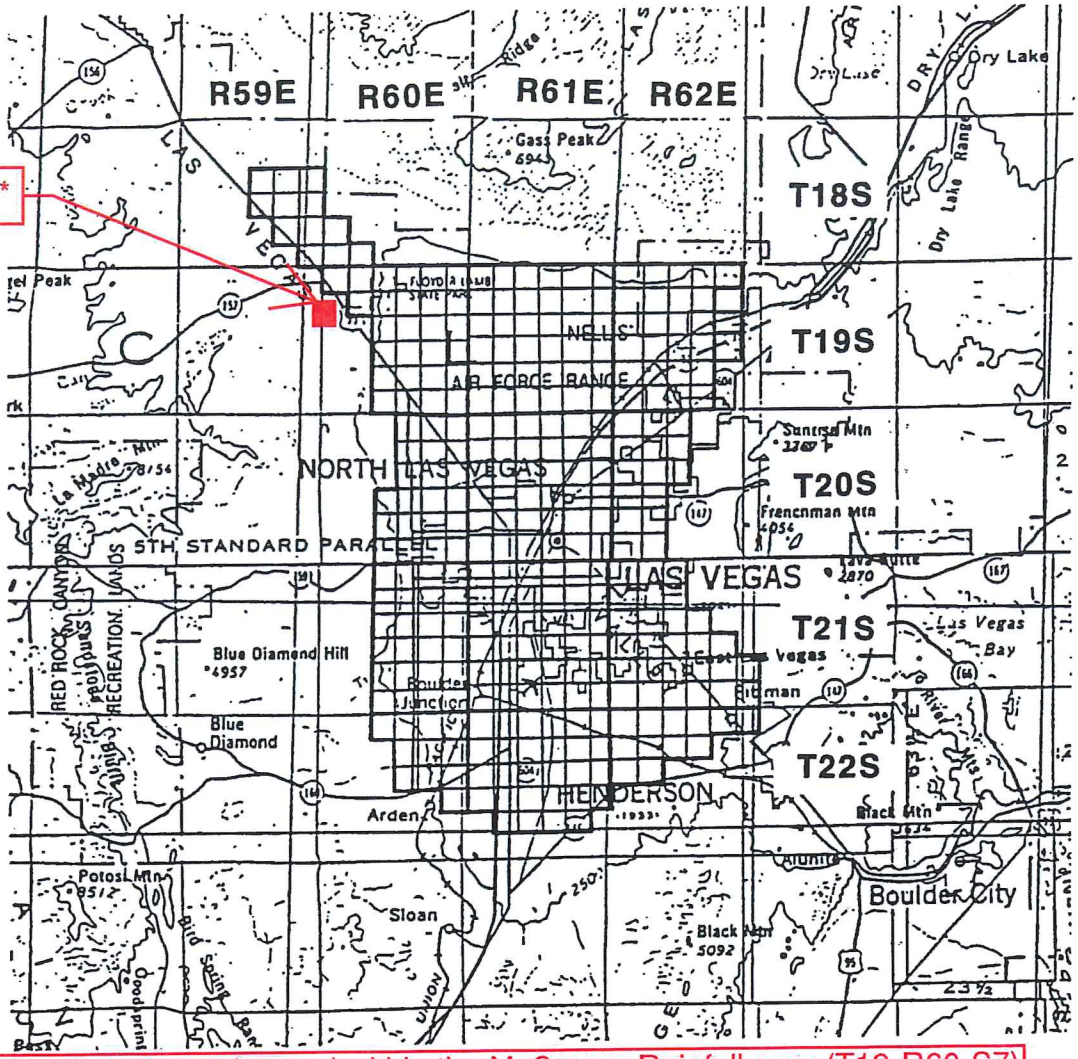
McCARRAN AIRPORT RAINFALL AREA



*Project site not located within the McCarran Rainfall area (T19-R60-S7)

TOWNSHIP	RANGE	SECTIONS	TOWNSHIP	RANGE	SECTIONS
18 South	59 East	13-15,22-26,36	20 South	62 East	4-9,16-20,29-32
18 South	60 East	30-32	21 South	60 East	1-4,9-16,21-28,33-36
19 South	60 East	1-6,8-16,21-28,33-36	21 South	61 East	ALL SECTIONS
19 South	61 East	ALL SECTIONS	21 South	62 East	4-9,15-23, 25-36
19 South	62 East	2-11,14-23,27-34	22 South	60 East	1-4,10-15,24
20 South	60 East	1-3,10-15,21-28,33-36	22 South	61 East	1-24,26-29
20 South	61 East	ALL SECTIONS	22 South	62 East	1-10,17-18

Notes:
1. Refer to Table 505 and Figure 516 Depth-Duration- Frequency values in the McCarran Airport Rainfall Area.
2. Refer to Table 506 and Figure 517 for Time-Intensity-Frequency values on the McCarran Airport Rainfall Area.

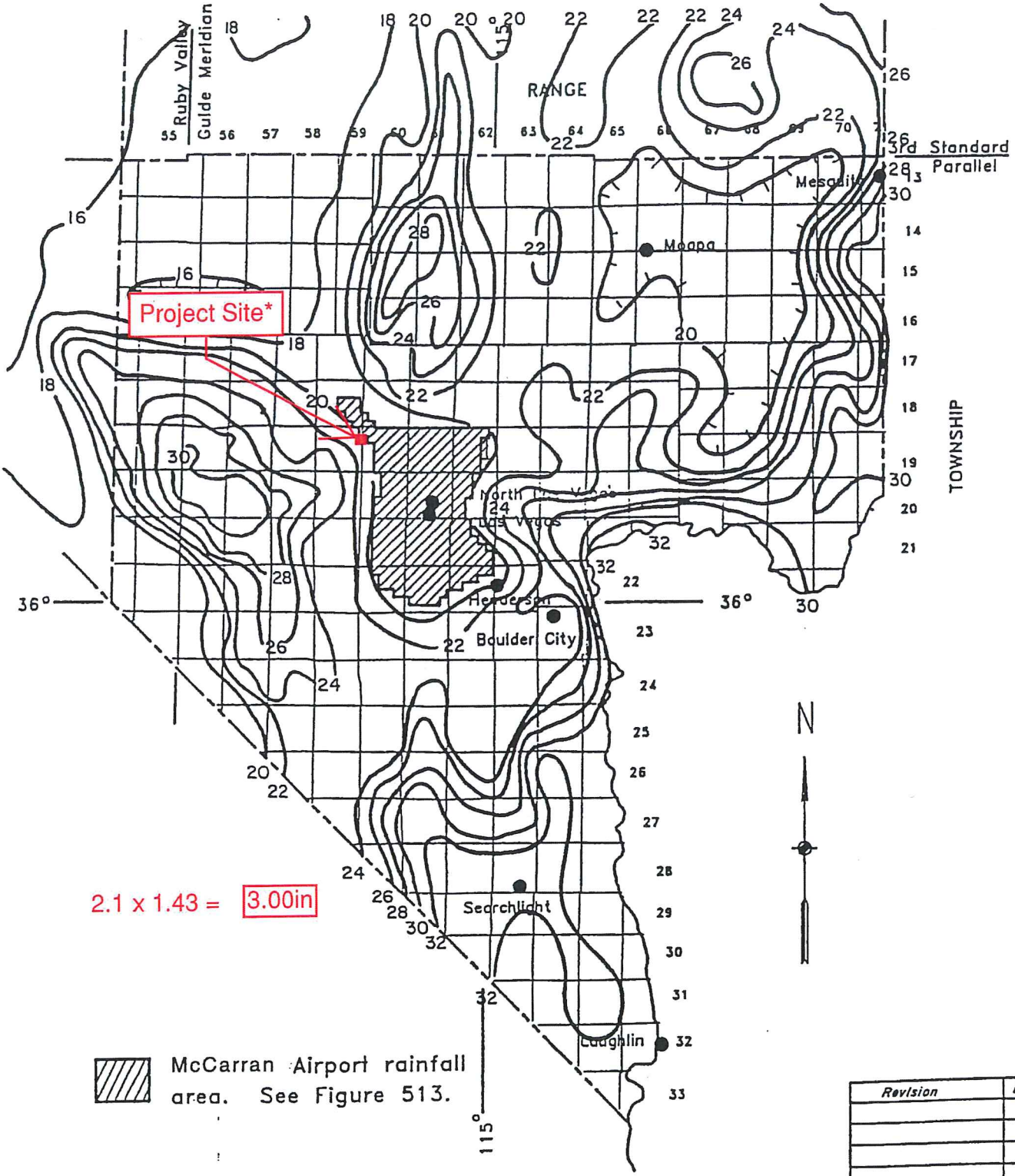
Revision	Date

WRC

REFERENCE:

FIGURE 513

RAINFALL DEPTH-DURATION-FREQUENCY
100-YEAR, 6-HOUR
(DEPTHS IN TENTHS OF INCHES)



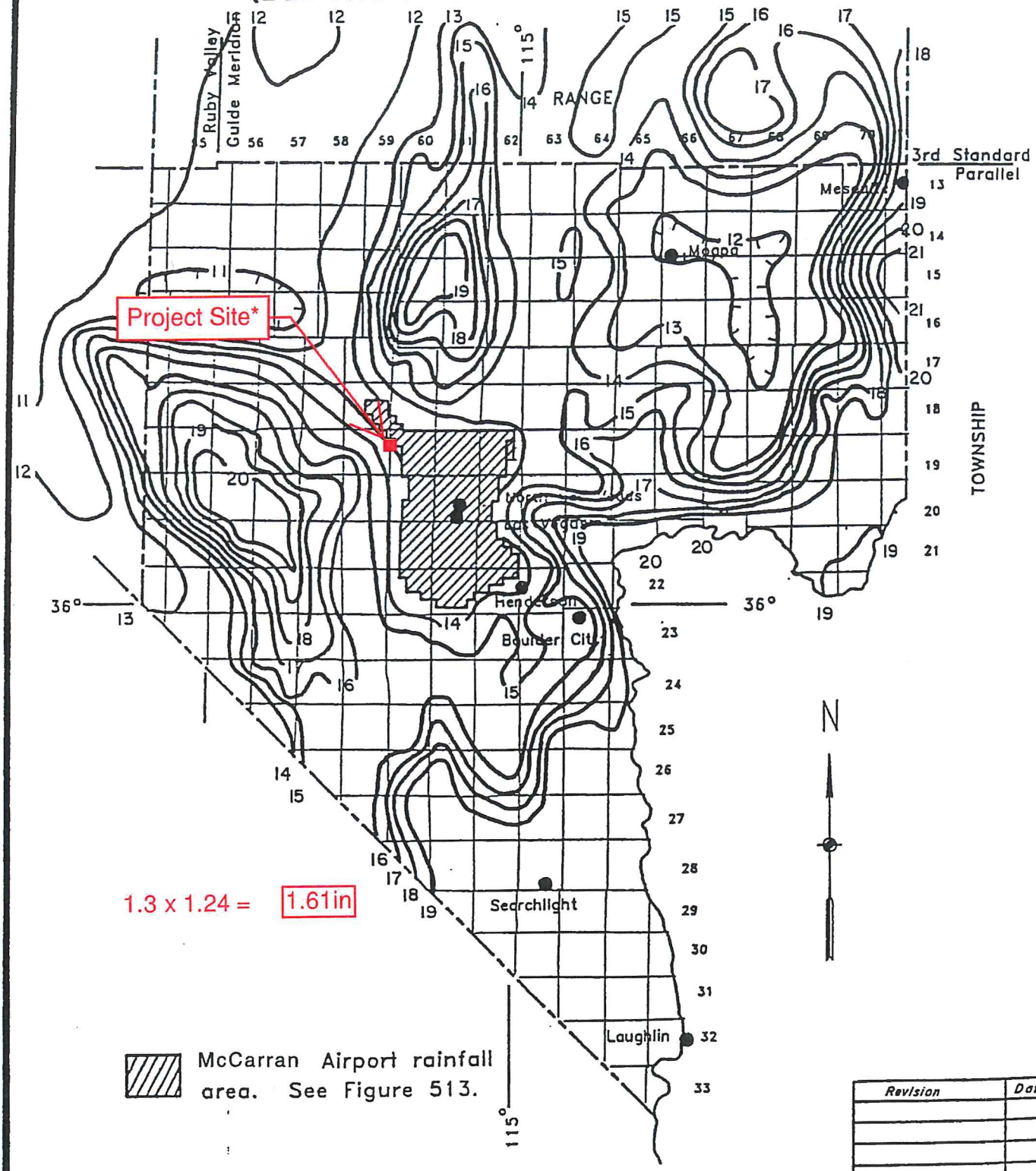
Revision	Date

WRC ENGINEERING

REFERENCE:
NOAA ATLAS 2, VOLUME VII NEVADA, 1973

FIGURE 506

RAINFALL DEPTH-DURATION-FREQUENCY
10-YEAR, 6-HOUR
(DEPTHS IN TENTHS OF INCHES)



Revision	Date

WRC ENGINEERING

REFERENCE:
NOAA ATLAS 2, VOLUME VII NEVADA, 1973

FIGURE 503

PRECIPITATION ADJUSTMENT RATIOS

Recurrence Interval	Ratio to NOAA Atlas 2
2-year	1.00
5-year	1.16
10-year	1.24
25-year	1.33
50-year	1.39
100-year	1.43

NOTE:
1. Multiply the values obtained from the NOAA Atlas 2 by the above ratios to obtain the adjusted precipitation values.
2. NOAA Atlas 2 values for use with TR-55 shall not be adjusted by the above ratios.
3. Tables 505 and 506 require no adjustments.

Revision	Date

WRC ENGINEERING

REFERENCE:
USACE, Los Angeles District, 1988

TABLE 501

SIX HOUR DEPTH-AREA REDUCTION FACTORS

Drainage Area (Square Miles)	Six-Hour Depth-Area Reduction Factor
0.0	1.00
0.5	0.98
1.0	0.97
2.0	0.93
4.0	0.91
6.0	0.90
8.0	0.88
10.0	0.86
20.0	0.79
30.0	0.74
50.0	0.68
100.0	0.60
150.0	0.55
200.0	0.51
300.0	0.46
400.0	0.42
500.0	0.39

NOTES: 1. A graphical representation of these factors is presented in Figure 514.

2. Consult with the local entity and/or the CCRFCD for guidance in using the Depth-Area Reduction Factors for drainage areas greater than 200 square miles.

Revision	Date

SIX-HOUR STORM DISTRIBUTIONS

Storm Time (In Minutes)	Percent of Total Storm Depth SDN3	SDN4	SDN5
0	0.0	0.0	0.0
5	2.0	2.0	2.0
10	5.7	5.8	5.9
15	7.0	7.5	8.0
20	8.7	9.9	11.0
25	10.8	12.6	14.4
30	12.4	13.7	15.0
35	13.0	14.5	16.0
40	13.0	14.9	16.8
45	13.0	15.1	17.1
50	13.0	15.5	18.0
55	13.0	15.6	18.2
60	13.0	15.9	18.7
65	13.3	16.2	19.0
70	14.0	16.9	19.7
75	14.2	17.2	20.2
80	14.8	17.9	21.0
85	15.8	18.9	22.0
90	17.2	20.1	23.0
95	18.1	21.1	24.1
100	19.0	22.0	25.0
105	19.7	22.8	25.9
110	19.9	23.2	26.5
115	20.0	24.0	28.0
120	20.1	24.6	29.0
125	20.4	25.2	30.0
130	21.4	26.0	30.5
135	22.9	26.9	30.9
140	24.1	27.6	31.0
145	24.9	28.3	31.7
150	25.1	28.6	32.1
155	25.6	29.2	32.7
160	27.0	30.2	33.3
165	27.8	31.2	34.6
170	28.1	32.1	36.1
175	28.3	33.2	38.1
180	29.5	35.2	40.8
185	32.2	37.6	43.0
190	35.2	41.5	47.7
195	40.9	46.2	51.4
200	49.9	53.0	56.1
205	59.0	61.0	63.0
210	71.0	71.0	71.0
215	74.4	73.2	72.0
220	78.1	75.6	73.1
225	81.2	78.2	75.2
230	81.9	79.9	77.9
235	83.5	81.3	79.0
240	85.1	82.3	79.5
245	85.6	83.0	80.4
250	86.0	83.5	81.0
255	86.8	84.4	82.0
260	87.6	85.1	82.6
265	88.8	86.4	84.0
270	91.0	88.5	85.9
275	92.6	90.8	88.9
280	93.7	92.4	91.0
285	95.0	94.4	93.8
290	97.0	96.8	96.6
295	97.6	97.3	97.0
300	98.2	97.8	97.4
305	98.5	98.2	97.9
310	98.7	98.4	98.1
315	98.9	98.6	98.3
320	99.0	98.8	98.5
325	99.3	99.1	98.9
330	99.3	99.2	99.0
335	99.4	99.3	99.2
340	99.5	99.4	99.3
345	99.8	99.7	99.6
350	99.8	99.8	99.7
355	99.9	99.9	99.9
360	100.0	100.0	100.0

Notes
1. For drainage areas less than 8 square miles in size, use SDN 3.
2. For drainage areas greater than or equal to 8 square miles and less than 12 square miles in size, use SDN 4.
3. For drainage areas greater than or equal to 12 square miles, use SDN 5.
4. A graphical representation of these values is presented on **Figure 515**.

Revision	Date

REFERENCE:

TABLE 503

Curve Number

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Soil Data & Curve Number Computation

Project Name & Number: Skye Canyon Infrastructure Phase 3B, 3C
Date: 2/6/2018
By: ETM

Data:

Reference:
Exhibit D
NRCS Soil Data

Soil Type - Soil Survey Area & Version, Soil Description				A	B	C	D
LV	155	Las Vegas Valley 2016	Cave gravelly fine sandy loam, 4 to 15 percent slopes	0%	0%	0%	100%
LV	400	Las Vegas Valley 2016	Tencee very gravelly fine sandy loam, 2 to 8 percent slopes	0%	0%	0%	100%

Land Use	A	B	C	D
Desert Shrub (poor)	63	77	85	88
Roadway	98	98	98	98
Newly Graded	77	86	91	94

PROPOSED CONDITION

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX1	LV	155	90.9%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	61.81	79.95
	LV	400	9.1%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	6.22	8.05
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									68.03	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX2	LV	155	95.3%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	55.37	83.88
	LV	400	4.7%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	2.72	4.12
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									58.09	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX3a	LV	155	100.0%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	14.22	88.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									14.22	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX3b	LV	155	100.0%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	17.12	88.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									17.12	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX4	LV	155	59.5%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	20.11	52.37
	LV	400	40.5%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	13.68	35.63
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									33.79	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX5	LV	155	13.8%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	5.86	12.17
	LV	400	86.2%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	36.50	75.83
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									42.36	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX6a	LV	155	69.5%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	30.79	61.14
	LV	400	30.5%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	13.53	26.86
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									44.32	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX6b	LV	155	100.0%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	34.51	88.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									34.51	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX7	LV	155	100.0%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	18.39	88.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									18.39	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX8	LV	155	100.0%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	8.31	88.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									8.31	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
EX9	LV	155	32.2%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	3.86	28.38
	LV	400	67.8%	Desert Shrub (poor)	0%	0%	0%	100%	63	77	85	88	8.11	59.62
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									11.97	**88.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
STR1	LV	155	79.5%	Roadway	0%	0%	0%	100%	98	98	98	98	3.07	77.94
	LV	400	20.5%	Roadway	0%	0%	0%	100%	98	98	98	98	0.79	20.06
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									3.86	**98.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
STR2	LV	155	61.2%	Roadway	0%	0%	0%	100%	98	98	98	98	2.40	60.00
	LV	400	38.8%	Roadway	0%	0%	0%	100%	98	98	98	98	1.52	38.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									3.92	**98.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
STR3	LV	155	91.4%	Roadway	0%	0%	0%	100%	98	98	98	98	2.55	89.57
	LV	400	8.6%	Roadway	0%	0%	0%	100%	98	98	98	98	0.24	8.43
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									2.79	**98.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
STR4	LV	155	100.0%	Roadway	0%	0%	0%	100%	98	98	98	98	4.72	98.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									4.72	**98.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
STR5	LV	155	100.0%	Roadway	0%	0%	0%	100%	98	98	98	98	2.86	98.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									2.86	**98.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
STR6	LV	155	100.0%	Roadway	0%	0%	0%	100%	98	98	98	98	5.61	98.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									5.61	**98.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
STR7	LV	155	100.0%	Roadway	0%	0%	0%	100%	98	98	98	98	1.10	98.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									1.10	**98.0**

INTERIM CONDITION

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
2.08a	LV	155	97.8%	Residential (<6,000 sf)*	0%	0%	0%	100%	89	92	94	95	15.42	92.89
	LV	400	2.2%	Residential (<6,000 sf)*	0%	0%	0%	100%	89	92	94	95	0.35	2.11
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									15.77	**95.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
2.08b	LV	155	100.0%	Residential (<6,000 sf)*	0%	0%	0%	100%	89	92	94	95	19.39	95.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									19.39	**95.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
2.08T	LV	155	10.2%	Open Space (fair)	0%	0%	0%	100%	49	69	79	84	0.12	8.54
	LV	400	89.8%	Open Space (fair)	0%	0%	0%	100%	49	69	79	84	1.06	75.46
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									1.18	**84.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
2.09	LV	155	100.0%	Residential (6,000 sf)	0%	0%	0%	100%	80	87	90	92	29.09	92.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									29.09	**92.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
2.09T	LV	155	100.0%	Open Space (fair)	0%	0%	0%	100%	49	69	79	84	1.09	84.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									1.09	**84.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
2.31	LV	155	58.0%	Open Space (fair)	0%	0%	0%	100%	49	69	79	84	1.85	48.71
	LV	400	42.0%	Open Space (fair)	0%	0%	0%	100%	49	69	79	84	1.34	35.29
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									3.19	**84.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
2.32	LV	155	27.1%	Residential (<6,000 sf)*	0%	0%	0%	100%	89	92	94	95	5.51	25.77
	LV	400	72.9%	Residential (<6,000 sf)*	0%	0%	0%	100%	89	92	94	95	14.80	69.23
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									20.31	**95.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
2.32b	LV	400	100.0%	Residential (<6,000 sf)*	0%	0%	0%	100%	89	92	94	95	24.75	95.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									24.75	**95.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
2.32T	LV	155	57.4%	Open Space (fair)	0%	0%	0%	100%	49	69	79	84	0.35	48.20
	LV	400	42.6%	Open Space (fair)	0%	0%	0%	100%	49	69	79	84	0.26	35.80
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									0.61	**84.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
2.32Tb	LV	400	100.0%	Open Space (fair)	0%	0%	0%	100%	49	69	79	84	0.62	84.00
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									0.62	**84.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
5.01	LV	155	94.6%	Residential (<6,000 sf)*	0%	0%	0%	100%	89	92	94	95	17.68	89.91
	LV	400	5.4%	Residential (<6,000 sf)*	0%	0%	0%	100%	89	92	94	95	1.00	5.09
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									18.68	**95.0**

BASIN ID	SURVEY AREA	SOIL TYPE	SUBAREA PERCENT	LAND USE	HYDROLOGIC SOIL GROUP				LAND USE CN				SUBAREA ACRES	CURVE NUMBER
					A	B	C	D	A	B	C	D		
5.01b	LV	155	12.0%	Residential (<6,000 sf)*	0%	0%	0%	100%	89	92	94	95	2.43	11.38
	LV	400	88.0%	Residential (<6,000 sf)*	0%	0%	0%	100%	89	92	94	95	17.85	83.62
	TOTAL PERCENT		100.0%	TOTAL AREA & COMPOSITE CURVE NUMBER:									20.28	**95.0**

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Lag Time - Standard Form 4 Computations

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL
TIME OF CONCENTRATION

Project Name & Number: Skye Canyon Infrastructure Phase 3B, 3C
Description:
By: ETM
Date: 2/6/2018

SUB-BASIN DATA						INITIAL / OVERLAND TIME (Ti)			TRAVEL TIME (Tt)					Tc	Tc Check Urbanized Basins		Tlag
DESIG:	DEV./EX. (D or E)	CN	K [1]	AREA Ac	AREA Mi^2 [2]	INITIAL LENGTH Feet	SLOPE %	Ti Min [3]	TRAVEL LENGTH Feet	SLOPE %	V1 VELOCITY FPS [4]	V2 VELOCITY FPS [5]	Tt Min [6]	Tc Calc. [7]	Total Length Feet [8]	Tc Check [9]	Tlag Hours [10]
PROPOSED CONDITION																	
EX1	E	88.0	0.772	68.0	0.1063	250	13.0	3.97	2615	2.9	2.50	4.97	10.42	14.39			0.144
EX2	E	88.0	0.772	58.1	0.0908	350	11.4	4.91	2491	3.1	2.61	5.18	9.61	14.52			0.145
EX3a	E	88.0	0.772	14.2	0.0222	309	1.6	8.88	700	3.6	2.80	5.55	3.58	12.46			0.125
EX3b	E	88.0	0.772	17.1	0.0268	162	9.3	3.58	749	4.0	2.96	5.89	3.52	7.10			0.100
EX4	E	88.0	0.772	33.8	0.0528	328	1.2	10.07	1016	0.7	1.24	2.46	10.23	20.30			0.203
EX5	E	88.0	0.772	42.4	0.0662	265	0.8	10.59	1145	0.7	1.24	2.46	11.10	21.69			0.217
EX6a	E	88.0	0.772	44.3	0.0693	500	1.0	13.22	2468	3.0	2.56	5.09	9.69	22.91			0.229
EX6b	E	88.0	0.772	34.5	0.0539	500	1.0	13.22	2949	3.0	2.56	5.09	11.27	24.48			0.245
EX7	E	88.0	0.772	18.9	0.0296	220	2.0	6.96	1751	3.7	2.85	5.66	6.61	13.57			0.136
EX8	E	88.0	0.772	8.3	0.0130	208	1.0	8.53	1155	2.6	2.39	4.74	5.79	14.32			0.143
EX9	E	88.0	0.772	12.0	0.0187	931	1.1	17.47	2399	1.7	1.93	3.83	12.58	30.05			0.300
STR1	E	98.0	0.904	3.9	0.0060	33	2.0	1.61	2640	3.0	2.56	5.09	10.25	11.87			0.119
STR2	E	98.0	0.904	3.9	0.0061	33	2.0	1.61	1491	1.7	1.93	3.83	8.63	10.24			0.102
STR3	E	98.0	0.904	2.8	0.0044	33	2.0	1.61	1040	2.4	2.29	4.55	5.61	7.22			0.100
STR4	E	98.0	0.904	4.7	0.0074	33	2.0	1.61	1815	2.5	2.34	4.65	8.28	9.89			0.100
STR5	E	98.0	0.904	2.9	0.0045	33	2.0	1.61	1081	3.2	2.65	5.26	4.99	6.60			0.100
STR6	E	98.0	0.904	5.6	0.0088	45	2.0	1.88	1827	3.6	2.81	5.58	6.93	8.81			0.100
STR7	E	98.0	0.904	1.1	0.0017	33	2.0	1.61	396	2.5	2.34	4.65	2.82	4.43			0.100

INTERIM CONDITION																	
2.08a	D	95.0	0.864	15.8	0.0246	100	1.0	4.25	1899	3.5	3.78	5.72	6.28	10.53	1999	21.106	0.105
2.08b	D	95.0	0.864	19.4	0.0303	100	1.0	4.25	1899	3.5	3.78	5.72	6.28	10.53	1999	21.106	0.105
2.08T	D	84.0	0.719	1.2	0.0018	50	2.0	3.85	998	3.2	3.61	5.47	3.82	7.67	1048	15.822	0.077
2.09	D	92.0	0.824	29.1	0.0455	100	1.0	4.96	2037	2.7	3.32	5.03	7.61	12.57	2137	21.872	0.126
2.09T	D	84.0	0.719	1.1	0.0017	50	2.0	3.85	925	2.2	3.00	4.54	4.34	8.19	975	15.417	0.082
2.31	D	84.0	0.719	3.2	0.0050	152	5.0	4.95	816	4.9	4.47	6.77	2.64	7.59	968	15.378	0.076
2.32	D	95.0	0.864	20.3	0.0317	100	1.0	4.25	1802	2.5	3.19	4.84	7.09	11.34	1902	20.567	0.113
2.32b	D	95.0	0.864	24.8	0.0387	100	1.0	4.25	2027	2.0	2.84	4.31	8.84	13.09	2127	21.817	0.131
2.32T	D	84.0	0.719	0.6	0.0010	50	2.0	3.85	638	0.9	1.96	2.97	5.03	8.88	688	13.822	0.089
2.32Tb	D	84.0	0.719	0.6	0.0010	50	2.0	3.85	645	0.8	1.78	2.70	5.57	9.42	695	13.861	0.094
5.01	D	95.0	0.864	18.7	0.0292	5.01	1.0	0.95	1836	2.9	3.44	5.21	6.70	7.65	1841.01	20.228	0.076
5.01b	D	95.0	0.864	20.3	0.0317	5.01	1.0	0.95	1908	2.6	3.26	4.93	7.31	8.27	1913.01	20.628	0.083

[1] K = 0.0132 (CN) - 0.39

[2] A = Area/640

[3] Ti = (1.8 (1.1-K) L^0.5)/S^0.33

[4] For Existing Conditions: V1 = 14.8 * (S/100)^0.5
For Developed Conditions: V1 = 20.2 * (S/100)^0.5

[5] For Existing Conditions: V2 = 29.4 * (S/100)^0.5
For Developed Conditions: V2 = 30.6 * (S/100)^0.5

[6] Tt = L/(60*V)

[7] Tc = Ti + Tt

[8] Total L = Initial L + Travel L

[9] Tc = (L/180) + 10

[10] Tlag = (0.6*Tc)/60

[11] Min Tlag =0.05

Note: For Travel Time Calcs: V1 applies to first 500 feet and V2 applies to remaining distance.

REFERENCE :

STANDARD FORM 4

APPENDIX C

HEC-1 Analyses

Proposed Condition

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*              JUN   1998              *
*            VERSION 4.1               *
*                                      *
*  RUN DATE   12JAN18  TIME  17:18:35  *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
****************************************
```

```
X     X  XXXXXXX   XXXXX           X
X     X  X        X     X         XX
X     X  X        X                X
XXXXXXX  XXXX     X        XXXXX   X
X     X  X        X                X
X     X  X        X     X          X
X     X  XXXXXXX   XXXXX          XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

1 HEC-1 INPUT PAGE 1

```
          LINE      ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

*** FREE ***
                    *DIAGRAM
               1    ID    SLATER HANIFAN GROUP
               2    ID    NINETY-FIVE MANAGEMENT, LLC.
               3    ID    SKYE CANYON INFRASTRUCTURE PHASE 3B & 3C
               4    ID    TECHNICAL DRAINAGE STUDY
               5    ID
               6    ID    DRAINAGE CONDITION -- PROPOSED CONDITION
               7    ID    RETURN PERIOD ------- 100 & 10-YEAR
               8    ID    DISTRIBUTION -------- 6-HOUR SDN3
               9    ID    PROJECT NO. --------- OLY1609.000
              10    ID    FILENAME ------------ PRO.H1
              11    ID    DATE ---------------- JANUARY 2018
              12    ID    MODELED BY ---------- ETM
              13    ID
              14    ID       RETURN PERIOD          RATIO
              15    ID       100-YR                 1.00
              16    ID       10-YR                  0.54
              17    ID
              18    ID       SIX HOUR DEPTH-AREA REDUCTION FACTORS
              19    ID       DRAINAGE AREA (MI^2)   DARF
              20    ID       0.00-0.49              0.990
              21    ID       0.50-0.99              0.975
              22    ID       1.00-1.99              0.950
              23    ID
              24    ID
              25    IT      5       0       0     300
              26    IO      5       0       0
              27    IN      5       0       0
              28    JR    PREC    1.00    0.99   0.975    0.95    0.54
                    *

              29    KK   *OFF7
              30    KM   REFERENCED FROM THE "DB2" STUDY
              31    KM   DISCHARGES INTO DETENTION BASIN "DB2"
              32    PB    3.00
              33    PC       0   0.020   0.057   0.070   0.087   0.108   0.124   0.130   0.130   0.130
              34    PC   0.130   0.130   0.130   0.133   0.140   0.142   0.148   0.158   0.172   0.181
              35    PC   0.190   0.197   0.199   0.200   0.201   0.204   0.214   0.229   0.241   0.249
              36    PC   0.251   0.256   0.270   0.278   0.281   0.283   0.295   0.322   0.352   0.409
              37    PC   0.499   0.590   0.710   0.744   0.781   0.812   0.819   0.835   0.851   0.856
              38    PC   0.860   0.868   0.876   0.888   0.910   0.926   0.937   0.950   0.970   0.976
              39    PC   0.982   0.985   0.987   0.989   0.990   0.993   0.993   0.994   0.995   0.998
              40    PC   0.998   0.999       1
              41    BA   .0058
              42    LS       0    88.0
              43    UD   0.100
                    *

              44    KK   *OFF8
              45    KM   REFERENCED FROM THE "DB2" STUDY
```

```
          46          KM   DISCHARGES INTO DETENTION BASIN "DB2"
          47          KO       3
          48          BA   .2122
          49          LS       0    88.0
1                                        HEC-1 INPUT                                                    PAGE  2

        LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

          50          UD   0.299
                      *

          51          KK    *CP2
          52          KM   REFERENCED FROM THE "DB2" STUDY
          53          KM   COMBINE OFF7, AND OFF8
          54          HC       2
                      *

          55          KK   *OFF9
          56          KM   REFERENCED FROM THE "DB2" STUDY
          57          KM   DISCHARGES INTO DETENTION BASIN "DB2"
          58          KO       3
          59          BA   .1137
          60          LS       0    88.0
          61          UD   0.200
                      *

          62          KK   *CP2a
          63          KM   REFERENCED FROM THE "DB2" STUDY
          64          KM   COMBINE CP2, AND OFF9
          65          HC       2
                      *

          66          KK  *OFF10
          67          KM   REFERENCED FROM THE "DB2" STUDY
          68          KM   DISCHARGES INTO DETENTION BASIN "DB2"
          69          KO       3
          70          BA   .6502
          71          LS       0    88.0
          72          UD   0.613
                      *

          73          KK    *ON2
          74          KM   REFERENCED FROM THE "DB2" STUDY
          75          KM   DB2 BASIN
          76          BA   .0315
          77          LS       0    94.0
          78          UD   0.083
                      *

          79          KK    *DB2
          80          KM   REFERENCED FROM THE "DB2" STUDY
          81          KM   COMBINE CP2a, OFF10 AND ON2
          82          KO       1
          83          HC       3
                      *

          84          KK   *RDB2
          85          KM   REFERENCED FROM THE "DB2" STUDY
          86          KM   OUTLET = 25" ORIFICE @ INVERT ELEVATION = 2984.21-FT
          87          KO       1
          88          RS       1    ELEV  2992.0
          89          SV    0.00    2.34    7.60   24.30   46.28   73.78  107.11  146.75  193.03
          90          SE  2992.0  2993.0  2995.0  3000.0  3005.0  3010.0  3015.0  3020.0  3025.0
1                                          HEC-1 INPUT                                                  PAGE  3

        LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

          91          SQ    0.00   44.44   51.05   64.70   83.84   99.36   520.9  3465.5  7888.4
          92          SE  2992.0  2993.0  2995.0  3000.0  3009.0  3018.0  3019.0  3022.0  3025.0
                      *

          93          KK     EX1
          94          KM   OFFSITE BASIN
          95          BA   .1063
          96          PB    3.00
          97          LS       0    88.0
          98          UD   0.144
                      *

          99          KK    STR2
         100          KM   STREET BASIN
         101          BA   .0061
         102          PB    3.00
         103          LS       0    98.0
         104          UD   0.102
                      *

         105          KK     CP1
         106          KM   COMBINES *RDB2, EX1 AND STR2
```

```
 107          HC       3
              *

 108          KK     EX9
 109          KM   OFFSITE BASIN
 110          BA   .0187
 111          PB    3.00
 112          LS       0    88.0
 113          UD   0.300
              *

 114          KK    STR1
 115          KM   STREET BASIN
 116          BA   .0060
 117          PB    3.00
 118          LS       0    98.0
 119          UD   0.119
              *

 120          KK     EX4
 121          KM   OFFSITE BASIN
 122          BA   .0528
 123          PB    3.00
 124          LS       0    88.0
 125          UD   0.203
              *

 126          KK     EX5
 127          KM   OFFSITE BASIN
 128          BA   .0662
 129          PB    3.00
 130          LS       0    88.0
 131          UD   0.217
              *
```



```
LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

 132          KK     CP2
 133          KM   COMBINES CP1, EX9, STR1, EX4 AND EX5
 134          HC       5
              *

 135          KK    EX6b
 136          KM   OFFSITE BASIN
 137          BA   .0539
 138          PB    3.00
 139          LS       0    88.0
 140          UD   0.245
              *

 141          KK      D1
 142          KM   DIVERT FLOW TO CONCENTRATION POINT RCP3
 143          DT    DIV1
 144          DI       0    1000
 145          DQ       0     500
              *

 146          KK    STR4
 147          KM   STREET BASIN
 148          BA   .0074
 149          PB    3.00
 150          LS       0    98.0
 151          UD   0.100
              *

 152          KK    EX3a
 153          KM   OFFSITE BASIN
 154          BA   .0222
 155          PB    3.00
 156          LS       0    88.0
 157          UD   0.125
              *

 158          KK   REX3a
 159          KM   ROUTE EX3 TO CP5
 160          KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
 161          RD    2623    .032    .040       0    TRAP      50       2
              *

 162          KK     EX2
 163          KM   OFFSITE BASIN
 164          BA   .0908
 165          PB    3.00
 166          LS       0    88.0
 167          UD   0.145
              *
```

```
LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

 168          KK    REX2
 169          KM   ROUTE EX2 TO CP4
 170          KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
 171          RD    2499    .031    .040       0    TRAP      50       2
              *

 172          KK    STR3
 173          KM   STREET BASIN
 174          BA   .0044
 175          PB    3.00
 176          LS       0    98.0
 177          UD   0.100
              *

 178          KK     CP4
 179          KM   COMBINES EX3a, STR4, EX2 AND STR3
 180          HC       4
              *

 181          KK    EX6a
 182          KM   OFFSITE BASIN
 183          BA   .0693
 184          PB    3.00
 185          LS       0    88.0
 186          UD   0.229
              *

 187          KK     CP3
 188          KM   COMBINES D1, CP4 AND EX6a
 189          HC       3
              *

 190          KK   *WPF5
 191          KM   WEST BASIN, WEST OF SHAUMBER RD
 192          BA   .0006
 193          PB    3.00
 194          LS       0    86.0
 195          UD   0.052
              *

 196          KK   *WML2
 197          KM   WEST BASIN, WEST OF SHAUMBER ROAD
 198          BA   .0428
 199          PB    3.00
 200          LS       0    93.5
 201          UD   0.142
              *

 202          KK  *WSHA5
 203          KM   WEST BASIN, SHAUMBER ROAD
 204          BA   .0037
 205          PB    3.00
 206          LS       0    98.0
 207          UD   0.086
              *
```



```
LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

 208          KK   *WC20
 209          KM   S OF EAGLE CANYON/SHAUMBER INTERSECTION
 210          KM   COMBINE WPF5, WML2, WSHA5
 211          HC       3
              *

 212          KK   *WPF4
 213          BA   .0090
 214          PB    3.00
 215          LS       0    94.0
 216          UD   0.087
              *

 217          KK  *WSHA4
 218          BA   .0022
 219          PB    3.00
 220          LS       0    98.0
 221          UD   0.051
              *

 222          KK    RCP6
 223          KM   COMBINES *WC20, *WPF4 AND *WSHA4
 224          HC       3
              *
```

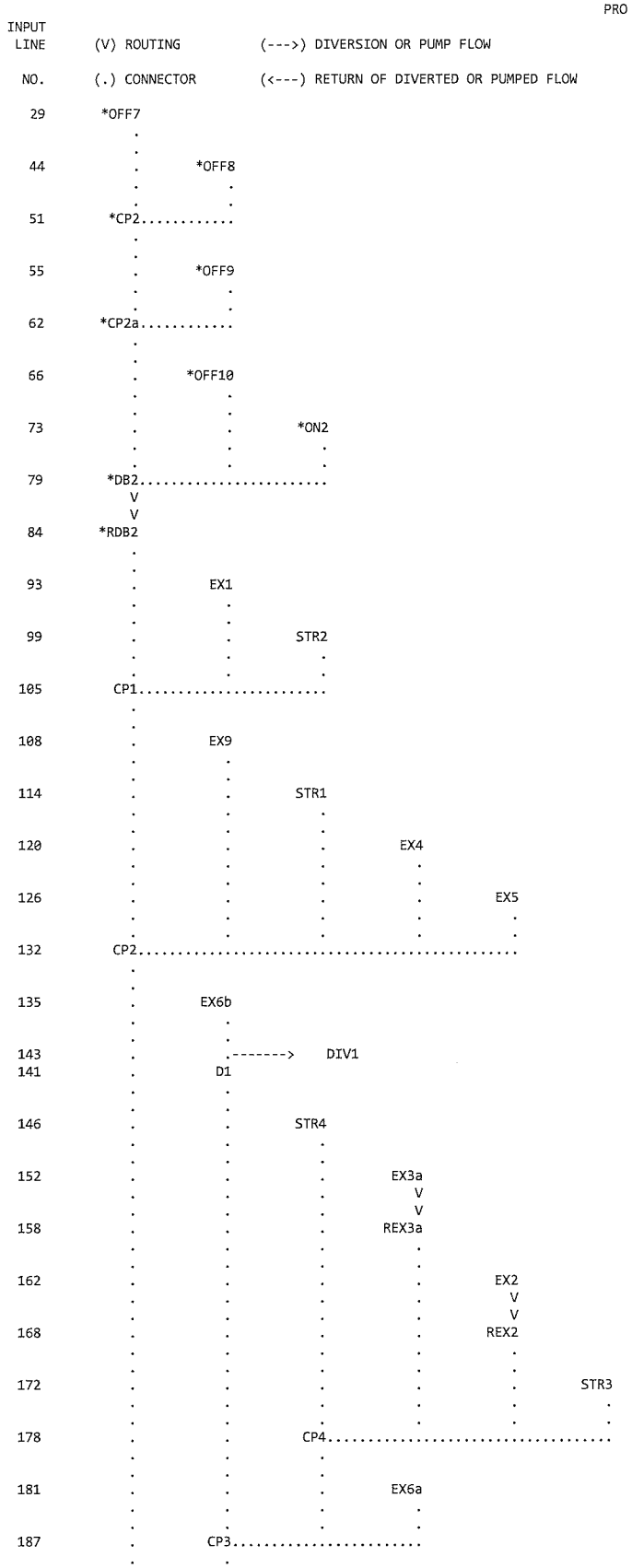
```
 225          KK   RRCP6
 226          KM   ROUTE CP6 TO CP7
 227          KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
 228          RD    1751    .037    .040       0    TRAP      50       2
              *

 229          KK   *OFF1
 230          KM   REFERENCED FROM THE "DB1" STUDY
 231          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 232          KO       3
 233          BA   .4291
 234          LS       0    86.8
 235          UD   0.419
              *

 236          KK   *OFF2
 237          KM   REFERENCED FROM THE "DB1" STUDY
 238          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 239          KO       3
 240          BA   .0419
 241          LS       0    81.8
 242          UD   0.154
              *
1                                    HEC-1 INPUT                                    PAGE  7

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 243          KK   *OFF3
 244          KM   REFERENCED FROM THE "DB1" STUDY
 245          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 246          KO       3
 247          BA   .0259
 248          LS       0    88.0
 249          UD   0.110
              *

 250          KK  *DUMMY
 251          KM   COMBINE OFF1, OFF2, AND OFF3
 252          HC       3
              *

 253          KK   *OFF4
 254          KM   REFERENCED FROM THE "DB1" STUDY
 255          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 256          KO       3
 257          BA   .0581
 258          LS       0    88.0
 259          UD   0.134
              *

 260          KK   *OFF5
 261          KM   REFERENCED FROM THE "DB1" STUDY
 262          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 263          KO       3
 264          BA   .2569
 265          LS       0    88.0
 266          UD   0.416
              *

 267          KK   *OFF6
 268          KM   REFERENCED FROM THE "DB1" STUDY
 269          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 270          KO       3
 271          BA   .0399
 272          LS       0    88.0
 273          UD   0.118
              *

 274          KK    *ON1
 275          KM   REFERENCED FROM THE "DB1" STUDY
 276          KM   DB1 BASIN
 277          BA   .0261
 278          LS       0    94.0
 279          UD   0.115
              *
1                                    HEC-1 INPUT                                    PAGE  8

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 280          KK    *DB1
 281          KM   REFERENCED FROM THE "DB1" STUDY
 282          KM   COMBINE DUMMY, OFF4, OFF5, OFF6 AND ON1
 283          HC       5
              *

 284          KK   *RDB1
 285          KM   REFERENCED FROM THE "DB1" STUDY
```

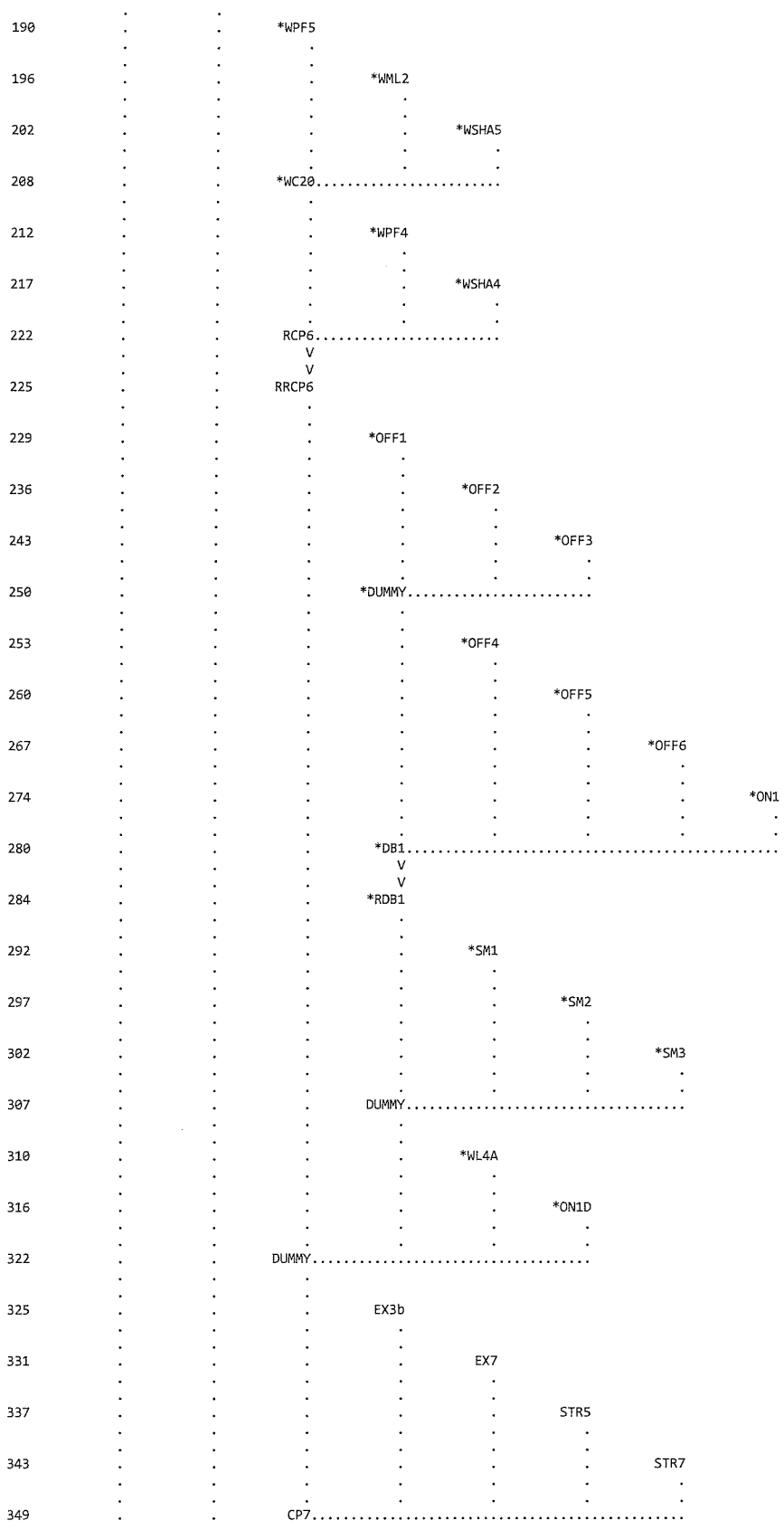
```
 286          KM   OUTLET = 24" ORIFICE @ INVERT ELEVATION = 3013.8-FT
 287          RS       1    ELEV  3025.5
 288          SA    4.58    5.63    5.81    6.00    6.19    7.17    7.61    8.31    9.00    9.69
 289          SE  3025.5    3027    3028    3029    3030    3035    3037    3040    3043    3046
 290          SQ    49.7    60.6    70.8    74.5  1436.0  3920.5  7136.3
 291          SE  3025.5    3030    3035    3037    3040    3043    3046
              *

 292          KK    *SM1
 293          KM   DISCHARGES INTO OUTLET CHANNEL
 294          BA   .0090
 295          LS       0    94.0
 296          UD   0.066
              *

 297          KK    *SM2
 298          KM   DISCHARGES INTO OUTLET CHANNEL
 299          BA   .0077
 300          LS       0    94.0
 301          UD   0.109
              *

 302          KK    *SM3
 303          KM   SWALE FLOW
 304          BA   .0032
 305          LS       0    94.0
 306          UD   0.077
              *

 307          KK   DUMMY
 308          KM   COMBINES *RDB1, *SM1, *SM2 AND *SM3
 309          HC       4
              *

 310          KK   *WL4A
 311          KM   BASIN WEST OF PARCEL 2.16
 312          BA   .0125
 313          PB    3.00
 314          LS       0    92.0
 315          UD   0.106
              *
```

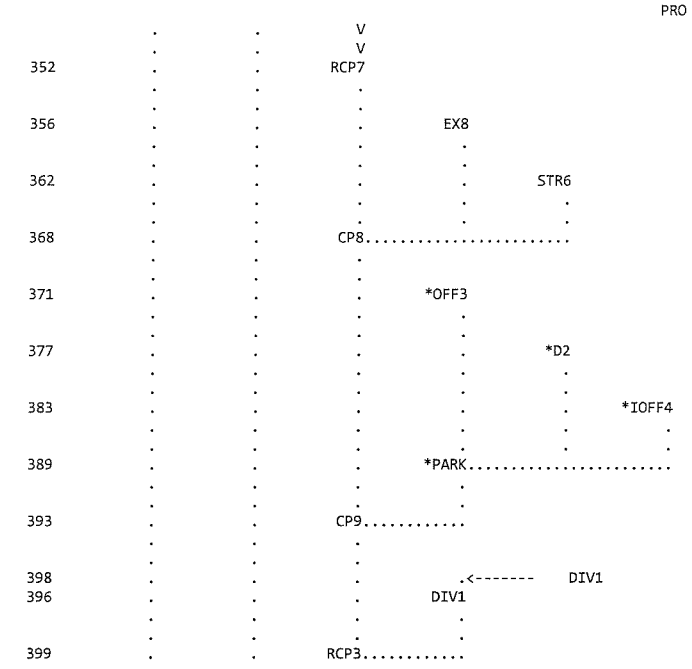


```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 316          KK   *ON1D
 317          KM   PARCEL 2.16
 318          BA   .0222
 319          PB    3.00
 320          LS       0    92.0
 321          UD   0.099
              *

 322          KK   DUMMY
 323          KM   COMBINES CP6, *RDB1, *WL4A AND *ON1D
 324          HC       4
              *

 325          KK    EX3b
 326          KM   OFFSITE BASIN
 327          BA   .0268
 328          PB    3.00
 329          LS       0    88.0
 330          UD   0.100
              *

 331          KK     EX7
 332          KM   OFFSITE BASIN
 333          BA   .0296
 334          PB    3.00
 335          LS       0    88.0
 336          UD   0.136
              *

 337          KK    STR5
 338          KM   STREET BASIN
 339          BA   .0045
 340          PB    3.00
 341          LS       0    98.0
 342          UD   0.100
              *

 343          KK    STR7
 344          KM   STREET BASIN
 345          BA   .0017
 346          PB    3.00
 347          LS       0    98.0
 348          UD   0.100
```

```
                 *

 349             KK     CP7
 350             KM   COMBINES *RDB1, *WL4A, *ON1D, EX3b, EX7, STR5 AND STR7
 351             HC       5
                 *
1                                          HEC-1 INPUT                                          PAGE 10

LINE             ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 352             KK    RCP7
 353             KM   ROUTE CP7 TO CP8
 354             KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
 355             RD    1155    .026    .040       0    TRAP      50       2
                 *

 356             KK     EX8
 357             KM   OFFSITE BASIN
 358             BA   .0130
 359             PB    3.00
 360             LS       0    88.0
 361             UD   0.143
                 *

 362             KK    STR6
 363             KM   STREET BASIN
 364             BA   .0088
 365             PB    3.00
 366             LS       0    98.0
 367             UD   0.100
                 *

 368             KK     CP8
 369             KM   COMBINES CP7, EX8 AND STR6
 370             HC       3
                 *

 371             KK   *OFF3
 372             KM   REFERENCED FROM THE "SMITH'S" STUDY
 373             PB    3.00
 374             BA   .0012
 375             LS       0    86.2
 376             UD   0.100
                 *

 377             KK     *D2
 378             KM   REFERENCED FROM THE "SMITH'S" STUDY
 379             PB    3.00
 380             BA   .0154
 381             LS       0    86.0
 382             UD   0.089
                 *

 383             KK  *IOFF4
 384             KM   REFERENCED FROM THE "SMITH'S" STUDY
 385             PB    3.00
 386             BA   .0062
 387             LS       0    86.2
 388             UD   0.100
                 *
1                                          HEC-1 INPUT                                          PAGE 11

LINE             ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 389             KK   *PARK
 390             KM   REFERENCED FROM THE "SMITH'S" STUDY
 391             KM   COMBINES IOFF4, OFF3, D2
 392             HC       3
                 *

 393             KK     CP9
 394             KM   COMBINES CP8 AND *PARK
 395             HC       2
                 *

 396             KK    DIV1
 397             KM   CULVERT CROSSING FLOW INTO PARCEL 2.06
 398             DR    DIV1
                 *

 399             KK    RCP3
 400             KM   COMBINES DIV1 AND CP9
 401             HC       2
                 *
 402             ZZ
1
     SCHEMATIC DIAGRAM OF STREAM NETWORK
```


INPUT
LINE (V) ROUTING (---->) DIVERSION OR PUMP FLOW
NO. (.) CONNECTOR (<----) RETURN OF DIVERTED OR PUMPED FLOW
29 *OFF7
44 *OFF8
51 *CP2
55 *OFF9
62 *CP2a
66 *OFF10
73 *ON2
79 *DB2
84 *RDB2
93 EX1
99 STR2
105 CP1
108 EX9
114 STR1
120 EX4
126 EX5
132 CP2
135 EX6b
143 DIV1
141 D1
146 STR4
152 EX3a
158 REX3a
162 EX2
168 REX2
172 STR3
178 CP4
181 EX6a
187 CP3


190 *WPF5
196 *WML2
202 *WSHA5
208 *WC20
212 *WPF4
217 *WSHA4
222 RCP6
225 RRCP6
229 *OFF1
236 *OFF2
243 *OFF3
250 *DUMMY
253 *OFF4
260 *OFF5
267 *OFF6
274 *ON1
280 *DB1
284 *RDB1
292 *SM1
297 *SM2
302 *SM3
307 DUMMY
310 *WL4A
316 *ON1D
322 DUMMY
325 EX3b
331 EX7
337 STR5
343 STR7
349 CP7



(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```
1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*               JUN   1998              *
*            VERSION 4.1                *
*                                       *
*  RUN DATE   12JAN18  TIME  17:18:35   *
*                                       *
*****************************************
```

```
*****************************************
*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*    HYDROLOGIC ENGINEERING CENTER      *
*          609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616         *
*           (916) 756-1104              *
*                                       *
*****************************************
```

SLATER HANIFAN GROUP
NINETY-FIVE MANAGEMENT, LLC.
SKYE CANYON INFRASTRUCTURE PHASE 3B & 3C
TECHNICAL DRAINAGE STUDY

DRAINAGE CONDITION -- PROPOSED CONDITION
RETURN PERIOD ------- 100 & 10-YEAR
DISTRIBUTION -------- 6-HOUR SDN3
PROJECT NO. --------- OLY1609.000
FILENAME ------------ PRO.H1
DATE ---------------- JANUARY 2018
MODELED BY ---------- ETM

RETURN PERIOD	RATIO
100-YR	1.00
10-YR	0.54

SIX HOUR DEPTH-AREA REDUCTION FACTORS

DRAINAGE AREA (MI^2)	DARF
0.00-0.49	0.990
0.50-0.99	0.975
1.00-1.99	0.950

```
  26 IO          OUTPUT CONTROL VARIABLES
                      IPRNT          5  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE

     IT          HYDROGRAPH TIME DATA
                       NMIN          5  MINUTES IN COMPUTATION INTERVAL
                      IDATE      1    0  STARTING DATE
                      ITIME        0000  STARTING TIME
                         NQ         300  NUMBER OF HYDROGRAPH ORDINATES
                     NDDATE      2    0  ENDING DATE
                     NDTIME        0055  ENDING TIME
                     ICENT           19  CENTURY MARK
```

```
                COMPUTATION INTERVAL     .08 HOURS
                     TOTAL TIME BASE   24.92 HOURS

          ENGLISH UNITS
               DRAINAGE AREA         SQUARE MILES
               PRECIPITATION DEPTH   INCHES
               LENGTH, ELEVATION     FEET
               FLOW                  CUBIC FEET PER SECOND
               STORAGE VOLUME        ACRE-FEET
               SURFACE AREA          ACRES
               TEMPERATURE           DEGREES FAHRENHEIT

     JP          MULTI-PLAN OPTION
                      NPLAN           1  NUMBER OF PLANS

     JR          MULTI-RATIO OPTION
                    RATIOS OF PRECIPITATION
                   1.00       .99       .98       .95       .54


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
  44 KK     *     *OFF8  *
            *            *
            **************

  47 KO          OUTPUT CONTROL VARIABLES
                      IPRNT           3  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

  48 BA          SUBBASIN CHARACTERISTICS
                      TAREA         .21  SUBBASIN AREA

                 PRECIPITATION DATA

  32 PB               STORM        3.00  BASIN TOTAL PRECIPITATION

  33 PI            INCREMENTAL PRECIPITATION PATTERN
                      .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                      .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                      .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                      .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                      .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                      .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00

  49 LS          SCS LOSS RATE
                      STRTL         .27  INITIAL ABSTRACTION
                     CRVNBR       88.00  CURVE NUMBER
                      RTIMP         .00  PERCENT IMPERVIOUS AREA

  50 UD          SCS DIMENSIONLESS UNITGRAPH
                       TLAG         .30  LAG

                                                          ***

                                                    UNIT HYDROGRAPH
                                                20 END-OF-PERIOD ORDINATES
                42.      137.      259.      301.      276.      215.      136.       91.       62.       42.
                28.       19.       13.        8.        6.        4.        3.        2.        1.        0.

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     244.      3.75                  41.         10.         10.          10.
                        (INCHES)    1.816       1.818       1.818        1.818
                         (AC-FT)      21.         21.         21.          21.

                        CUMULATIVE AREA =     .21 SQ MI


      ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF8
                          FOR PLAN 1, RATIO = 1.00

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82
```

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 244.	3.75	41.	10.	10.	10.
		(INCHES) 1.816	1.818	1.818	1.818
		(AC-FT) 21.	21.	21.	21.

CUMULATIVE AREA = .21 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF8
FOR PLAN 1, RATIO = .99

TOTAL RAINFALL = 2.97, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.79

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 241.	3.75	41.	10.	10.	10.
		(INCHES) 1.790	1.792	1.792	1.792
		(AC-FT) 20.	20.	20.	20.

CUMULATIVE AREA = .21 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF8
FOR PLAN 1, RATIO = .98

TOTAL RAINFALL = 2.92, TOTAL LOSS = 1.17, TOTAL EXCESS = 1.75

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 236.	3.75	40.	10.	10.	10.
		(INCHES) 1.750	1.752	1.752	1.752
		(AC-FT) 20.	20.	20.	20.

CUMULATIVE AREA = .21 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF8
FOR PLAN 1, RATIO = .95

TOTAL RAINFALL = 2.85, TOTAL LOSS = 1.16, TOTAL EXCESS = 1.69

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 227.	3.75	38.	10.	9.	9.
		(INCHES) 1.684	1.685	1.685	1.685
		(AC-FT) 19.	19.	19.	19.

CUMULATIVE AREA = .21 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF8
FOR PLAN 1, RATIO = .54

TOTAL RAINFALL = 1.62, TOTAL LOSS = .95, TOTAL EXCESS = .67

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 93.	3.75	15.	4.	4.	4.
		(INCHES) .670	.670	.670	.670
		(AC-FT) 8.	8.	8.	8.

CUMULATIVE AREA = .21 SQ MI

*** *** *** *

```
          *           *
 55 KK    *     *OFF9 *
          *           *
          *************

 58 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          3  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL          0.  HYDROGRAPH PLOT SCALE

              SUBBASIN RUNOFF DATA

 59 BA          SUBBASIN CHARACTERISTICS
                     TAREA         .11  SUBBASIN AREA

              PRECIPITATION DATA

 32 PB               STORM        3.00  BASIN TOTAL PRECIPITATION

 33 PI           INCREMENTAL PRECIPITATION PATTERN
                    .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                    .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                    .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                    .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                    .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                    .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00

 60 LS          SCS LOSS RATE
                     STRTL         .27  INITIAL ABSTRACTION
                    CRVNBR       88.00  CURVE NUMBER
                     RTIMP         .00  PERCENT IMPERVIOUS AREA

 61 UD          SCS DIMENSIONLESS UNITGRAPH
                     TLAG          .20  LAG

                                                    ***

                                                UNIT HYDROGRAPH
                                            14 END-OF-PERIOD ORDINATES
                55.      183.      227.      181.      101.       58.       33.       19.       11.        6.
                 3.        2.        1.        0.

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                      (CFS)
+     153.      3.58                22.          6.          5.          5.
                     (INCHES)     1.817       1.818       1.818       1.818
                      (AC-FT)       11.         11.         11.         11.

                     CUMULATIVE AREA =     .11 SQ MI


      ***            ***            ***            ***            ***

                       HYDROGRAPH AT STATION    *OFF9
                         FOR PLAN 1, RATIO = 1.00

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                      (CFS)
+     153.      3.58                22.          6.          5.          5.
                     (INCHES)     1.817       1.818       1.818       1.818
                      (AC-FT)       11.         11.         11.         11.

                     CUMULATIVE AREA =     .11 SQ MI


      ***            ***            ***            ***            ***

                       HYDROGRAPH AT STATION    *OFF9
                         FOR PLAN 1, RATIO =  .99

    TOTAL RAINFALL =    2.97, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.79

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                      (CFS)
+     151.      3.58                22.          5.          5.          5.
                     (INCHES)     1.791       1.792       1.792       1.792
                      (AC-FT)       11.         11.         11.         11.
```

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                    CUMULATIVE AREA =     .11 SQ MI

      ***            ***            ***            ***            ***

                      HYDROGRAPH AT STATION    *OFF9
                        FOR PLAN 1, RATIO =  .98

    TOTAL RAINFALL =    2.92, TOTAL LOSS =    1.17, TOTAL EXCESS =    1.75

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+     148.      3.58                21.          5.          5.           5.
                       (INCHES)    1.751       1.752       1.752        1.752
                        (AC-FT)     11.         11.         11.          11.

                    CUMULATIVE AREA =     .11 SQ MI

      ***            ***            ***            ***            ***

                      HYDROGRAPH AT STATION    *OFF9
                        FOR PLAN 1, RATIO =  .95

    TOTAL RAINFALL =    2.85, TOTAL LOSS =    1.16, TOTAL EXCESS =    1.69

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+     142.      3.58                21.          5.          5.           5.
                       (INCHES)    1.685       1.685       1.685        1.685
                        (AC-FT)     10.         10.         10.          10.

                    CUMULATIVE AREA =     .11 SQ MI

      ***            ***            ***            ***            ***

                      HYDROGRAPH AT STATION    *OFF9
                        FOR PLAN 1, RATIO =  .54

    TOTAL RAINFALL =    1.62, TOTAL LOSS =     .95, TOTAL EXCESS =     .67

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      58.      3.67                 8.          2.          2.           2.
                       (INCHES)     .670        .670        .670         .670
                        (AC-FT)      4.          4.          4.           4.

                    CUMULATIVE AREA =     .11 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
  66 KK     *    *OFF10  *
            *            *
            **************

  69 KO          OUTPUT CONTROL VARIABLES
                       IPRNT           3  PRINT CONTROL
                       IPLOT           0  PLOT CONTROL
                       QSCAL          0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

  70 BA          SUBBASIN CHARACTERISTICS
                       TAREA         .65  SUBBASIN AREA

                 PRECIPITATION DATA

  32 PB                STORM        3.00  BASIN TOTAL PRECIPITATION

  33 PI            INCREMENTAL PRECIPITATION PATTERN
                       .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                       .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                       .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                       .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                       .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
```

```
                                                                                                                PRO
                        .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                        .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                        .00       .00

  71 LS          SCS LOSS RATE
                       STRTL        .27  INITIAL ABSTRACTION
                      CRVNBR      88.00  CURVE NUMBER
                       RTIMP        .00  PERCENT IMPERVIOUS AREA

  72 UD          SCS DIMENSIONLESS UNITGRAPH
                       TLAG        .61  LAG

                                                          ***

                                                                UNIT HYDROGRAPH
                                                          39 END-OF-PERIOD ORDINATES
                  24.       72.      138.      234.      345.      427.      473.      479.      462.      422.
                 374.      311.      242.      193.      156.      128.      106.       86.       69.       57.
                  46.       37.       30.       24.       20.       16.       13.       11.        9.        7.
                   6.        5.        4.        3.        3.        2.        1.        1.        0.

     TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                  (CFS)
+     508.      4.08              127.         32.         31.          31.
                (INCHES)      1.810       1.818       1.818        1.818
                 (AC-FT)        63.         63.         63.          63.

                       CUMULATIVE AREA =     .65 SQ MI


       ***             ***             ***             ***             ***

                     HYDROGRAPH AT STATION   *OFF10
                       FOR PLAN 1, RATIO = 1.00

     TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                  (CFS)
+     508.      4.08              127.         32.         31.          31.
                (INCHES)      1.810       1.818       1.818        1.818
                 (AC-FT)        63.         63.         63.          63.

                       CUMULATIVE AREA =     .65 SQ MI


       ***             ***             ***             ***             ***

                     HYDROGRAPH AT STATION   *OFF10
                       FOR PLAN 1, RATIO =  .99

     TOTAL RAINFALL =    2.97, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.79

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                  (CFS)
+     501.      4.08              125.         31.         30.          30.
                (INCHES)      1.784       1.792       1.792        1.792
                 (AC-FT)        62.         62.         62.          62.

                       CUMULATIVE AREA =     .65 SQ MI


       ***             ***             ***             ***             ***

                     HYDROGRAPH AT STATION   *OFF10
                       FOR PLAN 1, RATIO =  .98

     TOTAL RAINFALL =    2.92, TOTAL LOSS =    1.17, TOTAL EXCESS =    1.75

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                  (CFS)
+     490.      4.08              122.         31.         29.          29.
                (INCHES)      1.744       1.752       1.752        1.752
                 (AC-FT)        60.         61.         61.          61.

                       CUMULATIVE AREA =     .65 SQ MI


       ***             ***             ***             ***             ***
```

HYDROGRAPH AT STATION *OFF10
FOR PLAN 1, RATIO = .95

TOTAL RAINFALL = 2.85, TOTAL LOSS = 1.16, TOTAL EXCESS = 1.69

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
(CFS)	(HR)				
		(CFS)			
472.	4.08	117.	29.	28.	28.
		(INCHES) 1.679	1.685	1.685	1.685
		(AC-FT) 58.	58.	58.	58.

CUMULATIVE AREA = .65 SQ MI

*** *** *** ***

HYDROGRAPH AT STATION *OFF10
FOR PLAN 1, RATIO = .54

TOTAL RAINFALL = 1.62, TOTAL LOSS = .95, TOTAL EXCESS = .67

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
(CFS)	(HR)				
		(CFS)			
191.	4.08	47.	12.	11.	11.
		(INCHES) .669	.670	.670	.670
		(AC-FT) 23.	23.	23.	23.

CUMULATIVE AREA = .65 SQ MI

*** *** *** *

PRO

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0155	24	36.	1		0810	99	0.	1		1425	174	0.	1		2040	249	0.
1		0200	25	35.	1		0815	100	0.	1		1430	175	0.	1		2045	250	0.
1		0205	26	34.	1		0820	101	0.	1		1435	176	0.	1		2050	251	0.
1		0210	27	36.	1		0825	102	0.	1		1440	177	0.	1		2055	252	0.
1		0215	28	42.	1		0830	103	0.	1		1445	178	0.	1		2100	253	0.
1		0220	29	49.	1		0835	104	0.	1		1450	179	0.	1		2105	254	0.
1		0225	30	56.	1		0840	105	0.	1		1455	180	0.	1		2110	255	0.
1		0230	31	58.	1		0845	106	0.	1		1500	181	0.	1		2115	256	0.
1		0235	32	59.	1		0850	107	0.	1		1505	182	0.	1		2120	257	0.
1		0240	33	64.	1		0855	108	0.	1		1510	183	0.	1		2125	258	0.
1		0245	34	69.	1		0900	109	0.	1		1515	184	0.	1		2130	259	0.
1		0250	35	71.	1		0905	110	0.	1		1520	185	0.	1		2135	260	0.
1		0255	36	71.	1		0910	111	0.	1		1525	186	0.	1		2140	261	0.
1		0300	37	73.	1		0915	112	0.	1		1530	187	0.	1		2145	262	0.
1		0305	38	85.	1		0920	113	0.	1		1535	188	0.	1		2150	263	0.
1		0310	39	107.	1		0925	114	0.	1		1540	189	0.	1		2155	264	0.
1		0315	40	149.	1		0930	115	0.	1		1545	190	0.	1		2200	265	0.
1		0320	41	229.	1		0935	116	0.	1		1550	191	0.	1		2205	266	0.
1		0325	42	343.	1		0940	117	0.	1		1555	192	0.	1		2210	267	0.
1		0330	43	494.	1		0945	118	0.	1		1600	193	0.	1		2215	268	0.
1		0335	44	625.	1		0950	119	0.	1		1605	194	0.	1		2220	269	0.
1		0340	45	710.	1		0955	120	0.	1		1610	195	0.	1		2225	270	0.
1		0345	46	762.	1		1000	121	0.	1		1615	196	0.	1		2230	271	0.
1		0350	47	774.	1		1005	122	0.	1		1620	197	0.	1		2235	272	0.
1		0355	48	760.	1		1010	123	0.	1		1625	198	0.	1		2240	273	0.
1		0400	49	731.	1		1015	124	0.	1		1630	199	0.	1		2245	274	0.
1		0405	50	690.	1		1020	125	0.	1		1635	200	0.	1		2250	275	0.
1		0410	51	636.	1		1025	126	0.	1		1640	201	0.	1		2255	276	0.
1		0415	52	574.	1		1030	127	0.	1		1645	202	0.	1		2300	277	0.
1		0420	53	512.	1		1035	128	0.	1		1650	203	0.	1		2305	278	0.
1		0425	54	454.	1		1040	129	0.	1		1655	204	0.	1		2310	279	0.
1		0430	55	411.	1		1045	130	0.	1		1700	205	0.	1		2315	280	0.
1		0435	56	383.	1		1050	131	0.	1		1705	206	0.	1		2320	281	0.
1		0440	57	361.	1		1055	132	0.	1		1710	207	0.	1		2325	282	0.
1		0445	58	342.	1		1100	133	0.	1		1715	208	0.	1		2330	283	0.
1		0450	59	332.	1		1105	134	0.	1		1720	209	0.	1		2335	284	0.
1		0455	60	321.	1		1110	135	0.	1		1725	210	0.	1		2340	285	0.
1		0500	61	305.	1		1115	136	0.	1		1730	211	0.	1		2345	286	0.
1		0505	62	286.	1		1120	137	0.	1		1735	212	0.	1		2350	287	0.
1		0510	63	263.	1		1125	138	0.	1		1740	213	0.	1		2355	288	0.
1		0515	64	239.	1		1130	139	0.	1		1745	214	0.	2		0000	289	0.
1		0520	65	213.	1		1135	140	0.	1		1750	215	0.	2		0005	290	0.
1		0525	66	189.	1		1140	141	0.	1		1755	216	0.	2		0010	291	0.
1		0530	67	166.	1		1145	142	0.	1		1800	217	0.	2		0015	292	0.
1		0535	68	143.	1		1150	143	0.	1		1805	218	0.	2		0020	293	0.
1		0540	69	123.	1		1155	144	0.	1		1810	219	0.	2		0025	294	0.
1		0545	70	107.	1		1200	145	0.	1		1815	220	0.	2		0030	295	0.
1		0550	71	92.	1		1205	146	0.	1		1820	221	0.	2		0035	296	0.
1		0555	72	79.	1		1210	147	0.	1		1825	222	0.	2		0040	297	0.
1		0600	73	68.	1		1215	148	0.	1		1830	223	0.	2		0045	298	0.
1		0605	74	59.	1		1220	149	0.	1		1835	224	0.	2		0050	299	0.
1		0610	75	51.	1		1225	150	0.	1		1840	225	0.	2		0055	300	0.

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
(CFS)	(HR)				
		(CFS)			
774.	3.83	199.	50.	48.	48.
		(INCHES) 1.824	1.835	1.835	1.835
		(AC-FT) 99.	99.	99.	99.

CUMULATIVE AREA = 1.01 SQ MI

HYDROGRAPH AT STATION *DB2
SUM OF 3 HYDROGRAPHS
PLAN 1, RATIO = .99

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0615	76	42.	1		1230	151	0.	1		1845	226	0.
1		0005	2	0.	1		0620	77	36.	1		1235	152	0.	1		1850	227	0.
1		0010	3	0.	1		0625	78	30.	1		1240	153	0.	1		1855	228	0.
1		0015	4	1.	1		0630	79	24.	1		1245	154	0.	1		1900	229	0.
1		0020	5	2.	1		0635	80	20.	1		1250	155	0.	1		1905	230	0.
1		0025	6	4.	1		0640	81	16.	1		1255	156	0.	1		1910	231	0.
1		0030	7	6.	1		0645	82	13.	1		1300	157	0.	1		1915	232	0.
1		0035	8	7.	1		0650	83	11.	1		1305	158	0.	1		1920	233	0.
1		0040	9	7.	1		0655	84	8.	1		1310	159	0.	1		1925	234	0.
1		0045	10	7.	1		0700	85	7.	1		1315	160	0.	1		1930	235	0.
1		0050	11	6.	1		0705	86	6.	1		1320	161	0.	1		1935	236	0.
1		0055	12	6.	1		0710	87	4.	1		1325	162	0.	1		1940	237	0.
1		0100	13	6.	1		0715	88	4.	1		1330	163	0.	1		1945	238	0.

PRO

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1	0105	14	6.	*	1	0720	89	3.	*	1	1335	164	0.	*	1	1950	239	0.	
1	0110	15	7.	*	1	0725	90	2.	*	1	1340	165	0.	*	1	1955	240	0.	
1	0115	16	8.	*	1	0730	91	2.	*	1	1345	166	0.	*	1	2000	241	0.	
1	0120	17	9.	*	1	0735	92	1.	*	1	1350	167	0.	*	1	2005	242	0.	
1	0125	18	12.	*	1	0740	93	1.	*	1	1355	168	0.	*	1	2010	243	0.	
1	0130	19	17.	*	1	0745	94	1.	*	1	1400	169	0.	*	1	2015	244	0.	
1	0135	20	23.	*	1	0750	95	1.	*	1	1405	170	0.	*	1	2020	245	0.	
1	0140	21	28.	*	1	0755	96	0.	*	1	1410	171	0.	*	1	2025	246	0.	
1	0145	22	33.	*	1	0800	97	0.	*	1	1415	172	0.	*	1	2030	247	0.	
1	0150	23	35.	*	1	0805	98	0.	*	1	1420	173	0.	*	1	2035	248	0.	
1	0155	24	35.	*	1	0810	99	0.	*	1	1425	174	0.	*	1	2040	249	0.	
1	0200	25	34.	*	1	0815	100	0.	*	1	1430	175	0.	*	1	2045	250	0.	
1	0205	26	33.	*	1	0820	101	0.	*	1	1435	176	0.	*	1	2050	251	0.	
1	0210	27	35.	*	1	0825	102	0.	*	1	1440	177	0.	*	1	2055	252	0.	
1	0215	28	41.	*	1	0830	103	0.	*	1	1445	178	0.	*	1	2100	253	0.	
1	0220	29	48.	*	1	0835	104	0.	*	1	1450	179	0.	*	1	2105	254	0.	
1	0225	30	54.	*	1	0840	105	0.	*	1	1455	180	0.	*	1	2110	255	0.	
1	0230	31	57.	*	1	0845	106	0.	*	1	1500	181	0.	*	1	2115	256	0.	
1	0235	32	58.	*	1	0850	107	0.	*	1	1505	182	0.	*	1	2120	257	0.	
1	0240	33	62.	*	1	0855	108	0.	*	1	1510	183	0.	*	1	2125	258	0.	
1	0245	34	67.	*	1	0900	109	0.	*	1	1515	184	0.	*	1	2130	259	0.	
1	0250	35	70.	*	1	0905	110	0.	*	1	1520	185	0.	*	1	2135	260	0.	
1	0255	36	70.	*	1	0910	111	0.	*	1	1525	186	0.	*	1	2140	261	0.	
1	0300	37	71.	*	1	0915	112	0.	*	1	1530	187	0.	*	1	2145	262	0.	
1	0305	38	83.	*	1	0920	113	0.	*	1	1535	188	0.	*	1	2150	263	0.	
1	0310	39	105.	*	1	0925	114	0.	*	1	1540	189	0.	*	1	2155	264	0.	
1	0315	40	147.	*	1	0930	115	0.	*	1	1545	190	0.	*	1	2200	265	0.	
1	0320	41	225.	*	1	0935	116	0.	*	1	1550	191	0.	*	1	2205	266	0.	
1	0325	42	337.	*	1	0940	117	0.	*	1	1555	192	0.	*	1	2210	267	0.	
1	0330	43	487.	*	1	0945	118	0.	*	1	1600	193	0.	*	1	2215	268	0.	
1	0335	44	616.	*	1	0950	119	0.	*	1	1605	194	0.	*	1	2220	269	0.	
1	0340	45	699.	*	1	0955	120	0.	*	1	1610	195	0.	*	1	2225	270	0.	
1	0345	46	751.	*	1	1000	121	0.	*	1	1615	196	0.	*	1	2230	271	0.	
1	0350	47	763.	*	1	1005	122	0.	*	1	1620	197	0.	*	1	2235	272	0.	
1	0355	48	750.	*	1	1010	123	0.	*	1	1625	198	0.	*	1	2240	273	0.	
1	0400	49	721.	*	1	1015	124	0.	*	1	1630	199	0.	*	1	2245	274	0.	
1	0405	50	681.	*	1	1020	125	0.	*	1	1635	200	0.	*	1	2250	275	0.	
1	0410	51	627.	*	1	1025	126	0.	*	1	1640	201	0.	*	1	2255	276	0.	
1	0415	52	566.	*	1	1030	127	0.	*	1	1645	202	0.	*	1	2300	277	0.	
1	0420	53	505.	*	1	1035	128	0.	*	1	1650	203	0.	*	1	2305	278	0.	
1	0425	54	448.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.	
1	0430	55	405.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.	
1	0435	56	378.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.	
1	0440	57	356.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.	
1	0445	58	338.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.	
1	0450	59	328.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.	
1	0455	60	317.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.	
1	0500	61	301.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.	
1	0505	62	282.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.	
1	0510	63	260.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.	
1	0515	64	236.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.	
1	0520	65	211.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.	
1	0525	66	187.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.	
1	0530	67	164.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.	
1	0535	68	142.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.	
1	0540	69	122.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.	
1	0545	70	105.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.	
1	0550	71	91.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.	
1	0555	72	78.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.	
1	0600	73	68.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.	
1	0605	74	58.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.	
1	0610	75	50.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.	

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
	(CFS)				
+ 763.	3.83	196.	49.	47.	47.
		(INCHES) 1.798	1.808	1.808	1.808
		(AC-FT) 97.	98.	98.	98.

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *DB2
SUM OF 3 HYDROGRAPHS
PLAN 1, RATIO = .98

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DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1	0000	1	0.	*	1	0615	76	42.	*	1	1230	151	0.	*	1	1845	226	0.	
1	0005	2	0.	*	1	0620	77	35.	*	1	1235	152	0.	*	1	1850	227	0.	
1	0010	3	0.	*	1	0625	78	29.	*	1	1240	153	0.	*	1	1855	228	0.	

												PRO							
1	0015	4	1.	*	1	0630	79	24.	*	1	1245	154	0.	*	1	1900	229	0.
1	0020	5	2.	*	1	0635	80	20.	*	1	1250	155	0.	*	1	1905	230	0.
1	0025	6	4.	*	1	0640	81	16.	*	1	1255	156	0.	*	1	1910	231	0.
1	0030	7	6.	*	1	0645	82	13.	*	1	1300	157	0.	*	1	1915	232	0.
1	0035	8	7.	*	1	0650	83	10.	*	1	1305	158	0.	*	1	1920	233	0.
1	0040	9	6.	*	1	0655	84	8.	*	1	1310	159	0.	*	1	1925	234	0.
1	0045	10	6.	*	1	0700	85	7.	*	1	1315	160	0.	*	1	1930	235	0.
1	0050	11	6.	*	1	0705	86	5.	*	1	1320	161	0.	*	1	1935	236	0.
1	0055	12	6.	*	1	0710	87	4.	*	1	1325	162	0.	*	1	1940	237	0.
1	0100	13	5.	*	1	0715	88	4.	*	1	1330	163	0.	*	1	1945	238	0.
1	0105	14	5.	*	1	0720	89	3.	*	1	1335	164	0.	*	1	1950	239	0.
1	0110	15	7.	*	1	0725	90	2.	*	1	1340	165	0.	*	1	1955	240	0.
1	0115	16	8.	*	1	0730	91	2.	*	1	1345	166	0.	*	1	2000	241	0.
1	0120	17	9.	*	1	0735	92	1.	*	1	1350	167	0.	*	1	2005	242	0.
1	0125	18	12.	*	1	0740	93	1.	*	1	1355	168	0.	*	1	2010	243	0.
1	0130	19	16.	*	1	0745	94	1.	*	1	1400	169	0.	*	1	2015	244	0.
1	0135	20	22.	*	1	0750	95	1.	*	1	1405	170	0.	*	1	2020	245	0.
1	0140	21	27.	*	1	0755	96	0.	*	1	1410	171	0.	*	1	2025	246	0.
1	0145	22	31.	*	1	0800	97	0.	*	1	1415	172	0.	*	1	2030	247	0.
1	0150	23	34.	*	1	0805	98	0.	*	1	1420	173	0.	*	1	2035	248	0.
1	0155	24	34.	*	1	0810	99	0.	*	1	1425	174	0.	*	1	2040	249	0.
1	0200	25	33.	*	1	0815	100	0.	*	1	1430	175	0.	*	1	2045	250	0.
1	0205	26	32.	*	1	0820	101	0.	*	1	1435	176	0.	*	1	2050	251	0.
1	0210	27	34.	*	1	0825	102	0.	*	1	1440	177	0.	*	1	2055	252	0.
1	0215	28	39.	*	1	0830	103	0.	*	1	1445	178	0.	*	1	2100	253	0.
1	0220	29	46.	*	1	0835	104	0.	*	1	1450	179	0.	*	1	2105	254	0.
1	0225	30	52.	*	1	0840	105	0.	*	1	1455	180	0.	*	1	2110	255	0.
1	0230	31	55.	*	1	0845	106	0.	*	1	1500	181	0.	*	1	2115	256	0.
1	0235	32	56.	*	1	0850	107	0.	*	1	1505	182	0.	*	1	2120	257	0.
1	0240	33	60.	*	1	0855	108	0.	*	1	1510	183	0.	*	1	2125	258	0.
1	0245	34	65.	*	1	0900	109	0.	*	1	1515	184	0.	*	1	2130	259	0.
1	0250	35	68.	*	1	0905	110	0.	*	1	1520	185	0.	*	1	2135	260	0.
1	0255	36	67.	*	1	0910	111	0.	*	1	1525	186	0.	*	1	2140	261	0.
1	0300	37	69.	*	1	0915	112	0.	*	1	1530	187	0.	*	1	2145	262	0.
1	0305	38	81.	*	1	0920	113	0.	*	1	1535	188	0.	*	1	2150	263	0.
1	0310	39	102.	*	1	0925	114	0.	*	1	1540	189	0.	*	1	2155	264	0.
1	0315	40	143.	*	1	0930	115	0.	*	1	1545	190	0.	*	1	2200	265	0.
1	0320	41	220.	*	1	0935	116	0.	*	1	1550	191	0.	*	1	2205	266	0.
1	0325	42	329.	*	1	0940	117	0.	*	1	1555	192	0.	*	1	2210	267	0.
1	0330	43	476.	*	1	0945	118	0.	*	1	1600	193	0.	*	1	2215	268	0.
1	0335	44	602.	*	1	0950	119	0.	*	1	1605	194	0.	*	1	2220	269	0.
1	0340	45	684.	*	1	0955	120	0.	*	1	1610	195	0.	*	1	2225	270	0.
1	0345	46	735.	*	1	1000	121	0.	*	1	1615	196	0.	*	1	2230	271	0.
1	0350	47	746.	*	1	1005	122	0.	*	1	1620	197	0.	*	1	2235	272	0.
1	0355	48	734.	*	1	1010	123	0.	*	1	1625	198	0.	*	1	2240	273	0.
1	0400	49	706.	*	1	1015	124	0.	*	1	1630	199	0.	*	1	2245	274	0.
1	0405	50	667.	*	1	1020	125	0.	*	1	1635	200	0.	*	1	2250	275	0.
1	0410	51	614.	*	1	1025	126	0.	*	1	1640	201	0.	*	1	2255	276	0.
1	0415	52	554.	*	1	1030	127	0.	*	1	1645	202	0.	*	1	2300	277	0.
1	0420	53	494.	*	1	1035	128	0.	*	1	1650	203	0.	*	1	2305	278	0.
1	0425	54	438.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.
1	0430	55	397.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.
1	0435	56	371.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.
1	0440	57	349.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.
1	0445	58	331.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.
1	0450	59	321.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.
1	0455	60	311.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.
1	0500	61	296.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.
1	0505	62	277.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.
1	0510	63	255.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.
1	0515	64	231.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.
1	0520	65	207.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.
1	0525	66	184.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.
1	0530	67	161.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.
1	0535	68	139.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.
1	0540	69	120.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.
1	0545	70	103.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.
1	0550	71	89.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.
1	0555	72	77.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.
1	0600	73	66.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.
1	0605	74	57.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.
1	0610	75	49.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.
				*					*					*					

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 746.	3.83		192.	48.	46.	46.
		(INCHES)	1.759	1.768	1.768	1.768
		(AC-FT)	95.	96.	96.	96.

CUMULATIVE AREA = 1.01 SQ MI

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PRO

SUM OF 3 HYDROGRAPHS

PLAN 1, RATIO = .95

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0615	76	40.	1		1230	151	0.	1		1845	226	0.
1		0005	2	0.	1		0620	77	34.	1		1235	152	0.	1		1850	227	0.
1		0010	3	0.	1		0625	78	28.	1		1240	153	0.	1		1855	228	0.
1		0015	4	1.	1		0630	79	23.	1		1245	154	0.	1		1900	229	0.
1		0020	5	2.	1		0635	80	19.	1		1250	155	0.	1		1905	230	0.
1		0025	6	3.	1		0640	81	16.	1		1255	156	0.	1		1910	231	0.
1		0030	7	5.	1		0645	82	13.	1		1300	157	0.	1		1915	232	0.
1		0035	8	6.	1		0650	83	10.	1		1305	158	0.	1		1920	233	0.
1		0040	9	5.	1		0655	84	8.	1		1310	159	0.	1		1925	234	0.
1		0045	10	5.	1		0700	85	6.	1		1315	160	0.	1		1930	235	0.
1		0050	11	5.	1		0705	86	5.	1		1320	161	0.	1		1935	236	0.
1		0055	12	5.	1		0710	87	4.	1		1325	162	0.	1		1940	237	0.
1		0100	13	4.	1		0715	88	3.	1		1330	163	0.	1		1945	238	0.
1		0105	14	4.	1		0720	89	3.	1		1335	164	0.	1		1950	239	0.
1		0110	15	6.	1		0725	90	2.	1		1340	165	0.	1		1955	240	0.
1		0115	16	7.	1		0730	91	2.	1		1345	166	0.	1		2000	241	0.
1		0120	17	8.	1		0735	92	1.	1		1350	167	0.	1		2005	242	0.
1		0125	18	10.	1		0740	93	1.	1		1355	168	0.	1		2010	243	0.
1		0130	19	15.	1		0745	94	1.	1		1400	169	0.	1		2015	244	0.
1		0135	20	20.	1		0750	95	1.	1		1405	170	0.	1		2020	245	0.
1		0140	21	25.	1		0755	96	0.	1		1410	171	0.	1		2025	246	0.
1		0145	22	29.	1		0800	97	0.	1		1415	172	0.	1		2030	247	0.
1		0150	23	31.	1		0805	98	0.	1		1420	173	0.	1		2035	248	0.
1		0155	24	31.	1		0810	99	0.	1		1425	174	0.	1		2040	249	0.
1		0200	25	31.	1		0815	100	0.	1		1430	175	0.	1		2045	250	0.
1		0205	26	30.	1		0820	101	0.	1		1435	176	0.	1		2050	251	0.
1		0210	27	31.	1		0825	102	0.	1		1440	177	0.	1		2055	252	0.
1		0215	28	37.	1		0830	103	0.	1		1445	178	0.	1		2100	253	0.
1		0220	29	43.	1		0835	104	0.	1		1450	179	0.	1		2105	254	0.
1		0225	30	49.	1		0840	105	0.	1		1455	180	0.	1		2110	255	0.
1		0230	31	52.	1		0845	106	0.	1		1500	181	0.	1		2115	256	0.
1		0235	32	53.	1		0850	107	0.	1		1505	182	0.	1		2120	257	0.
1		0240	33	57.	1		0855	108	0.	1		1510	183	0.	1		2125	258	0.
1		0245	34	62.	1		0900	109	0.	1		1515	184	0.	1		2130	259	0.
1		0250	35	64.	1		0905	110	0.	1		1520	185	0.	1		2135	260	0.
1		0255	36	64.	1		0910	111	0.	1		1525	186	0.	1		2140	261	0.
1		0300	37	66.	1		0915	112	0.	1		1530	187	0.	1		2145	262	0.
1		0305	38	77.	1		0920	113	0.	1		1535	188	0.	1		2150	263	0.
1		0310	39	97.	1		0925	114	0.	1		1540	189	0.	1		2155	264	0.
1		0315	40	136.	1		0930	115	0.	1		1545	190	0.	1		2200	265	0.
1		0320	41	210.	1		0935	116	0.	1		1550	191	0.	1		2205	266	0.
1		0325	42	316.	1		0940	117	0.	1		1555	192	0.	1		2210	267	0.
1		0330	43	457.	1		0945	118	0.	1		1600	193	0.	1		2215	268	0.
1		0335	44	579.	1		0950	119	0.	1		1605	194	0.	1		2220	269	0.
1		0340	45	658.	1		0955	120	0.	1		1610	195	0.	1		2225	270	0.
1		0345	46	708.	1		1000	121	0.	1		1615	196	0.	1		2230	271	0.
1		0350	47	719.	1		1005	122	0.	1		1620	197	0.	1		2235	272	0.
1		0355	48	707.	1		1010	123	0.	1		1625	198	0.	1		2240	273	0.
1		0400	49	681.	1		1015	124	0.	1		1630	199	0.	1		2245	274	0.
1		0405	50	643.	1		1020	125	0.	1		1635	200	0.	1		2250	275	0.
1		0410	51	593.	1		1025	126	0.	1		1640	201	0.	1		2255	276	0.
1		0415	52	535.	1		1030	127	0.	1		1645	202	0.	1		2300	277	0.
1		0420	53	477.	1		1035	128	0.	1		1650	203	0.	1		2305	278	0.
1		0425	54	423.	1		1040	129	0.	1		1655	204	0.	1		2310	279	0.
1		0430	55	384.	1		1045	130	0.	1		1700	205	0.	1		2315	280	0.
1		0435	56	358.	1		1050	131	0.	1		1705	206	0.	1		2320	281	0.
1		0440	57	338.	1		1055	132	0.	1		1710	207	0.	1		2325	282	0.
1		0445	58	320.	1		1100	133	0.	1		1715	208	0.	1		2330	283	0.
1		0450	59	311.	1		1105	134	0.	1		1720	209	0.	1		2335	284	0.
1		0455	60	301.	1		1110	135	0.	1		1725	210	0.	1		2340	285	0.
1		0500	61	286.	1		1115	136	0.	1		1730	211	0.	1		2345	286	0.
1		0505	62	268.	1		1120	137	0.	1		1735	212	0.	1		2350	287	0.
1		0510	63	247.	1		1125	138	0.	1		1740	213	0.	1		2355	288	0.
1		0515	64	224.	1		1130	139	0.	1		1745	214	0.	2		0000	289	0.
1		0520	65	200.	1		1135	140	0.	1		1750	215	0.	2		0005	290	0.
1		0525	66	178.	1		1140	141	0.	1		1755	216	0.	2		0010	291	0.
1		0530	67	156.	1		1145	142	0.	1		1800	217	0.	2		0015	292	0.
1		0535	68	135.	1		1150	143	0.	1		1805	218	0.	2		0020	293	0.
1		0540	69	116.	1		1155	144	0.	1		1810	219	0.	2		0025	294	0.
1		0545	70	100.	1		1200	145	0.	1		1815	220	0.	2		0030	295	0.
1		0550	71	86.	1		1205	146	0.	1		1820	221	0.	2		0035	296	0.
1		0555	72	74.	1		1210	147	0.	1		1825	222	0.	2		0040	297	0.
1		0600	73	64.	1		1215	148	0.	1		1830	223	0.	2		0045	298	0.
1		0605	74	56.	1		1220	149	0.	1		1835	224	0.	2		0050	299	0.
1		0610	75	48.	1		1225	150	0.	1		1840	225	0.	2		0055	300	0.

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			

																		PRO	
+	719.		3.83				185.		46.		45.		45.						
				(INCHES)			1.693		1.702		1.702		1.702						
				(AC-FT)			92.		92.		92.		92.						

CUMULATIVE AREA = 1.01 SQ MI

HYDROGRAPH AT STATION *DB2
SUM OF 3 HYDROGRAPHS
PLAN 1, RATIO = .54

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		0615	76	19.	*	1		1230	151	0.	*	1		1845	226	0.
1		0005	2	0.	*	1		0620	77	16.	*	1		1235	152	0.	*	1		1850	227	0.
1		0010	3	0.	*	1		0625	78	13.	*	1		1240	153	0.	*	1		1855	228	0.
1		0015	4	0.	*	1		0630	79	11.	*	1		1245	154	0.	*	1		1900	229	0.
1		0020	5	0.	*	1		0635	80	9.	*	1		1250	155	0.	*	1		1905	230	0.
1		0025	6	0.	*	1		0640	81	7.	*	1		1255	156	0.	*	1		1910	231	0.
1		0030	7	1.	*	1		0645	82	6.	*	1		1300	157	0.	*	1		1915	232	0.
1		0035	8	1.	*	1		0650	83	5.	*	1		1305	158	0.	*	1		1920	233	0.
1		0040	9	0.	*	1		0655	84	4.	*	1		1310	159	0.	*	1		1925	234	0.
1		0045	10	0.	*	1		0700	85	3.	*	1		1315	160	0.	*	1		1930	235	0.
1		0050	11	0.	*	1		0705	86	3.	*	1		1320	161	0.	*	1		1935	236	0.
1		0055	12	0.	*	1		0710	87	2.	*	1		1325	162	0.	*	1		1940	237	0.
1		0100	13	0.	*	1		0715	88	2.	*	1		1330	163	0.	*	1		1945	238	0.
1		0105	14	0.	*	1		0720	89	1.	*	1		1335	164	0.	*	1		1950	239	0.
1		0110	15	0.	*	1		0725	90	1.	*	1		1340	165	0.	*	1		1955	240	0.
1		0115	16	0.	*	1		0730	91	1.	*	1		1345	166	0.	*	1		2000	241	0.
1		0120	17	0.	*	1		0735	92	1.	*	1		1350	167	0.	*	1		2005	242	0.
1		0125	18	1.	*	1		0740	93	1.	*	1		1355	168	0.	*	1		2010	243	0.
1		0130	19	1.	*	1		0745	94	0.	*	1		1400	169	0.	*	1		2015	244	0.
1		0135	20	1.	*	1		0750	95	0.	*	1		1405	170	0.	*	1		2020	245	0.
1		0140	21	2.	*	1		0755	96	0.	*	1		1410	171	0.	*	1		2025	246	0.
1		0145	22	2.	*	1		0800	97	0.	*	1		1415	172	0.	*	1		2030	247	0.
1		0150	23	2.	*	1		0805	98	0.	*	1		1420	173	0.	*	1		2035	248	0.
1		0155	24	2.	*	1		0810	99	0.	*	1		1425	174	0.	*	1		2040	249	0.
1		0200	25	2.	*	1		0815	100	0.	*	1		1430	175	0.	*	1		2045	250	0.
1		0205	26	2.	*	1		0820	101	0.	*	1		1435	176	0.	*	1		2050	251	0.
1		0210	27	3.	*	1		0825	102	0.	*	1		1440	177	0.	*	1		2055	252	0.
1		0215	28	4.	*	1		0830	103	0.	*	1		1445	178	0.	*	1		2100	253	0.
1		0220	29	6.	*	1		0835	104	0.	*	1		1450	179	0.	*	1		2105	254	0.
1		0225	30	8.	*	1		0840	105	0.	*	1		1455	180	0.	*	1		2110	255	0.
1		0230	31	8.	*	1		0845	106	0.	*	1		1500	181	0.	*	1		2115	256	0.
1		0235	32	9.	*	1		0850	107	0.	*	1		1505	182	0.	*	1		2120	257	0.
1		0240	33	10.	*	1		0855	108	0.	*	1		1510	183	0.	*	1		2125	258	0.
1		0245	34	12.	*	1		0900	109	0.	*	1		1515	184	0.	*	1		2130	259	0.
1		0250	35	13.	*	1		0905	110	0.	*	1		1520	185	0.	*	1		2135	260	0.
1		0255	36	13.	*	1		0910	111	0.	*	1		1525	186	0.	*	1		2140	261	0.
1		0300	37	14.	*	1		0915	112	0.	*	1		1530	187	0.	*	1		2145	262	0.
1		0305	38	19.	*	1		0920	113	0.	*	1		1535	188	0.	*	1		2150	263	0.
1		0310	39	26.	*	1		0925	114	0.	*	1		1540	189	0.	*	1		2155	264	0.
1		0315	40	41.	*	1		0930	115	0.	*	1		1545	190	0.	*	1		2200	265	0.
1		0320	41	69.	*	1		0935	116	0.	*	1		1550	191	0.	*	1		2205	266	0.
1		0325	42	111.	*	1		0940	117	0.	*	1		1555	192	0.	*	1		2210	267	0.
1		0330	43	171.	*	1		0945	118	0.	*	1		1600	193	0.	*	1		2215	268	0.
1		0335	44	223.	*	1		0950	119	0.	*	1		1605	194	0.	*	1		2220	269	0.
1		0340	45	258.	*	1		0955	120	0.	*	1		1610	195	0.	*	1		2225	270	0.
1		0345	46	282.	*	1		1000	121	0.	*	1		1615	196	0.	*	1		2230	271	0.
1		0350	47	290.	*	1		1005	122	0.	*	1		1620	197	0.	*	1		2235	272	0.
1		0355	48	288.	*	1		1010	123	0.	*	1		1625	198	0.	*	1		2240	273	0.
1		0400	49	280.	*	1		1015	124	0.	*	1		1630	199	0.	*	1		2245	274	0.
1		0405	50	267.	*	1		1020	125	0.	*	1		1635	200	0.	*	1		2250	275	0.
1		0410	51	248.	*	1		1025	126	0.	*	1		1640	201	0.	*	1		2255	276	0.
1		0415	52	225.	*	1		1030	127	0.	*	1		1645	202	0.	*	1		2300	277	0.
1		0420	53	203.	*	1		1035	128	0.	*	1		1650	203	0.	*	1		2305	278	0.
1		0425	54	182.	*	1		1040	129	0.	*	1		1655	204	0.	*	1		2310	279	0.
1		0430	55	167.	*	1		1045	130	0.	*	1		1700	205	0.	*	1		2315	280	0.
1		0435	56	158.	*	1		1050	131	0.	*	1		1705	206	0.	*	1		2320	281	0.
1		0440	57	150.	*	1		1055	132	0.	*	1		1710	207	0.	*	1		2325	282	0.
1		0445	58	144.	*	1		1100	133	0.	*	1		1715	208	0.	*	1		2330	283	0.
1		0450	59	141.	*	1		1105	134	0.	*	1		1720	209	0.	*	1		2335	284	0.
1		0455	60	138.	*	1		1110	135	0.	*	1		1725	210	0.	*	1		2340	285	0.
1		0500	61	132.	*	1		1115	136	0.	*	1		1730	211	0.	*	1		2345	286	0.
1		0505	62	124.	*	1		1120	137	0.	*	1		1735	212	0.	*	1		2350	287	0.
1		0510	63	114.	*	1		1125	138	0.	*	1		1740	213	0.	*	1		2355	288	0.
1		0515	64	104.	*	1		1130	139	0.	*	1		1745	214	0.	*	2		0000	289	0.
1		0520	65	93.	*	1		1135	140	0.	*	1		1750	215	0.	*	2		0005	290	0.
1		0525	66	83.	*	1		1140	141	0.	*	1		1755	216	0.	*	2		0010	291	0.
1		0530	67	73.	*	1		1145	142	0.	*	1		1800	217	0.	*	2		0015	292	0.
1		0535	68	63.	*	1		1150	143	0.	*	1		1805	218	0.	*	2		0020	293	0.
1		0540	69	54.	*	1		1155	144	0.	*	1		1810	219	0.	*	2		0025	294	0.
1		0545	70	47.	*	1		1200	145	0.	*	1		1815	220	0.	*	2		0030	295	0.
1		0550	71	41.	*	1		1205	146	0.	*	1		1820	221	0.	*	2		0035	296	0.
1		0555	72	35.	*	1		1210	147	0.	*	1		1825	222	0.	*	2		0040	297	0.

															PRO				
1	0600	73	30.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.	
1	0605	74	26.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.	
1	0610	75	23.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.	
				*					*					*					

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 290.	3.83	74.	19.	18.	18.
		(INCHES) .680	.681	.681	.681
		(AC-FT) 37.	37.	37.	37.

CUMULATIVE AREA = 1.01 SQ MI

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          *            *
 84 KK    *     *RDB2  *
          *            *
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87 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE

HYDROGRAPH ROUTING DATA

88 RS STORAGE ROUTING

NSTPS	1	NUMBER OF SUBREACHES
ITYP	ELEV	TYPE OF INITIAL CONDITION
RSVRIC	2992.00	INITIAL CONDITION
X	.00	WORKING R AND D COEFFICIENT

89 SV	STORAGE	.0	2.3	7.6	24.3	46.3	73.8	107.1	146.8	193.0
90 SE	ELEVATION	2992.00	2993.00	2995.00	3000.00	3005.00	3010.00	3015.00	3020.00	3025.00
91 SQ	DISCHARGE	0.	44.	51.	65.	84.	99.	521.	3466.	7888.
92 SE	ELEVATION	2992.00	2993.00	2995.00	3000.00	3009.00	3018.00	3019.00	3022.00	3025.00

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COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	2.34	7.60	24.30	46.28	68.28	73.78	107.11	130.89	138.82
OUTFLOW	.00	44.44	51.05	64.70	75.33	83.84	85.56	94.19	99.36	520.90
ELEVATION	2992.00	2993.00	2995.00	3000.00	3005.00	3009.00	3010.00	3015.00	3018.00	3019.00
STORAGE	146.75	165.26	193.03							
OUTFLOW	1502.43	3465.50	7888.40							
ELEVATION	3020.00	3022.00	3025.00							

HYDROGRAPH AT STATION *RDB2
PLAN 1, RATIO = 1.00

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	1		0820	101	81.	61.2	3007.7	1		1640	201	56.	13.3	2996.7
1		0005	2	0.	.0	2992.0	1		0825	102	81.	60.6	3007.6	1		1645	202	55.	12.9	2996.6
1		0010	3	0.	.0	2992.0	1		0830	103	81.	60.1	3007.5	1		1650	203	55.	12.5	2996.5
1		0015	4	0.	.0	2992.0	1		0835	104	80.	59.5	3007.4	1		1655	204	55.	12.1	2996.4
1		0020	5	0.	.0	2992.0	1		0840	105	80.	59.0	3007.3	1		1700	205	54.	11.8	2996.2
1		0025	6	1.	.0	2992.0	1		0845	106	80.	58.4	3007.2	1		1705	206	54.	11.4	2996.1
1		0030	7	1.	.1	2992.0	1		0850	107	80.	57.9	3007.1	1		1710	207	54.	11.0	2996.0
1		0035	8	2.	.1	2992.0	1		0855	108	80.	57.3	3007.0	1		1715	208	54.	10.7	2995.9
1		0040	9	3.	.1	2992.1	1		0900	109	79.	56.8	3006.9	1		1720	209	53.	10.3	2995.8
1		0045	10	3.	.2	2992.1	1		0905	110	79.	56.2	3006.8	1		1725	210	53.	9.9	2995.7
1		0050	11	4.	.2	2992.1	1		0910	111	79.	55.7	3006.7	1		1730	211	53.	9.6	2995.6
1		0055	12	4.	.2	2992.1	1		0915	112	79.	55.1	3006.6	1		1735	212	52.	9.2	2995.5
1		0100	13	4.	.2	2992.1	1		0920	113	79.	54.6	3006.5	1		1740	213	52.	8.8	2995.4
1		0105	14	4.	.2	2992.1	1		0925	114	78.	54.1	3006.4	1		1745	214	52.	8.5	2995.3
1		0110	15	5.	.3	2992.1	1		0930	115	78.	53.5	3006.3	1		1750	215	51.	8.1	2995.2
1		0115	16	5.	.3	2992.1	1		0935	116	78.	53.0	3006.2	1		1755	216	51.	7.8	2995.0
1		0120	17	6.	.3	2992.1	1		0940	117	78.	52.5	3006.1	1		1800	217	51.	7.4	2994.9
1		0125	18	6.	.3	2992.1	1		0945	118	78.	51.9	3006.0	1		1805	218	50.	7.1	2994.8
1		0130	19	7.	.4	2992.2	1		0950	119	77.	51.4	3005.9	1		1810	219	50.	6.7	2994.7

											PRO							
1	0135	20	9.	.5	2992.2 *	1	0955	120	77.	50.9	3005.8 *	1	1815	220	50.	6.4	2994.5	
1	0140	21	11.	.6	2992.3 *	1	1000	121	77.	50.3	3005.7 *	1	1820	221	49.	6.0	2994.4	
1	0145	22	14.	.7	2992.3 *	1	1005	122	77.	49.8	3005.6 *	1	1825	222	49.	5.7	2994.3	
1	0150	23	16.	.9	2992.4 *	1	1010	123	76.	49.3	3005.5 *	1	1830	223	48.	5.4	2994.2	
1	0155	24	19.	1.0	2992.4 *	1	1015	124	76.	48.7	3005.4 *	1	1835	224	48.	5.0	2994.0	
1	0200	25	21.	1.1	2992.5 *	1	1020	125	76.	48.2	3005.4 *	1	1840	225	47.	4.7	2993.9	
1	0205	26	23.	1.2	2992.5 *	1	1025	126	76.	47.7	3005.3 *	1	1845	226	47.	4.4	2993.8	
1	0210	27	24.	1.3	2992.5 *	1	1030	127	76.	47.2	3005.2 *	1	1850	227	47.	4.1	2993.7	
1	0215	28	26.	1.4	2992.6 *	1	1035	128	75.	46.6	3005.1 *	1	1855	228	46.	3.7	2993.5	
1	0220	29	28.	1.5	2992.6 *	1	1040	129	75.	46.1	3005.0 *	1	1900	229	46.	3.4	2993.4	
1	0225	30	31.	1.6	2992.7 *	1	1045	130	75.	45.6	3004.8 *	1	1905	230	45.	3.1	2993.3	
1	0230	31	34.	1.8	2992.8 *	1	1050	131	75.	45.1	3004.7 *	1	1910	231	45.	2.8	2993.2	
1	0235	32	37.	2.0	2992.8 *	1	1055	132	75.	44.6	3004.6 *	1	1915	232	45.	2.5	2993.1	
1	0240	33	40.	2.1	2992.9 *	1	1100	133	74.	44.1	3004.5 *	1	1920	233	42.	2.2	2992.9	
1	0245	34	44.	2.3	2993.0 *	1	1105	134	74.	43.6	3004.4 *	1	1925	234	37.	1.9	2992.8	
1	0250	35	45.	2.5	2993.0 *	1	1110	135	74.	43.1	3004.3 *	1	1930	235	32.	1.7	2992.7	
1	0255	36	45.	2.7	2993.1 *	1	1115	136	74.	42.5	3004.1 *	1	1935	236	28.	1.5	2992.6	
1	0300	37	45.	2.8	2993.2 *	1	1120	137	73.	42.0	3004.0 *	1	1940	237	25.	1.3	2992.6	
1	0305	38	45.	3.1	2993.3 *	1	1125	138	73.	41.5	3003.9 *	1	1945	238	22.	1.1	2992.5	
1	0310	39	46.	3.4	2993.4 *	1	1130	139	73.	41.0	3003.8 *	1	1950	239	19.	1.0	2992.4	
1	0315	40	47.	4.0	2993.6 *	1	1135	140	73.	40.5	3003.7 *	1	1955	240	17.	.9	2992.4	
1	0320	41	48.	5.0	2994.0 *	1	1140	141	72.	40.0	3003.6 *	1	2000	241	15.	.8	2992.3	
1	0325	42	50.	6.6	2994.6 *	1	1145	142	72.	39.5	3003.5 *	1	2005	242	13.	.7	2992.3	
1	0330	43	52.	9.1	2995.5 *	1	1150	143	72.	39.0	3003.4 *	1	2010	243	11.	.6	2992.3	
1	0335	44	55.	12.6	2996.5 *	1	1155	144	72.	38.5	3003.2 *	1	2015	244	10.	.5	2992.2	
1	0340	45	59.	16.8	2997.8 *	1	1200	145	71.	38.1	3003.1 *	1	2020	245	9.	.5	2992.2	
1	0345	46	62.	21.5	2999.2 *	1	1205	146	71.	37.6	3003.0 *	1	2025	246	8.	.4	2992.2	
1	0350	47	66.	26.3	3000.5 *	1	1210	147	71.	37.1	3002.9 *	1	2030	247	7.	.4	2992.1	
1	0355	48	68.	31.1	3001.6 *	1	1215	148	71.	36.6	3002.8 *	1	2035	248	6.	.3	2992.1	
1	0400	49	70.	35.8	3002.6 *	1	1220	149	70.	36.1	3002.7 *	1	2040	249	5.	.3	2992.1	
1	0405	50	72.	40.2	3003.6 *	1	1225	150	70.	35.6	3002.6 *	1	2045	250	4.	.2	2992.1	
1	0410	51	74.	44.3	3004.5 *	1	1230	151	70.	35.1	3002.5 *	1	2050	251	4.	.2	2992.1	
1	0415	52	76.	47.9	3005.3 *	1	1235	152	70.	34.7	3002.4 *	1	2055	252	3.	.2	2992.1	
1	0420	53	77.	51.1	3005.9 *	1	1240	153	69.	34.2	3002.2 *	1	2100	253	3.	.2	2992.1	
1	0425	54	78.	53.9	3006.4 *	1	1245	154	69.	33.7	3002.1 *	1	2105	254	3.	.1	2992.1	
1	0430	55	79.	56.3	3006.8 *	1	1250	155	69.	33.2	3002.0 *	1	2110	255	2.	.1	2992.1	
1	0435	56	80.	58.5	3007.2 *	1	1255	156	69.	32.7	3001.9 *	1	2115	256	2.	.1	2992.0	
1	0440	57	81.	60.5	3007.6 *	1	1300	157	69.	32.3	3001.8 *	1	2120	257	2.	.1	2992.0	
1	0445	58	82.	62.4	3007.9 *	1	1305	158	68.	31.8	3001.7 *	1	2125	258	2.	.1	2992.0	
1	0450	59	82.	64.2	3008.2 *	1	1310	159	68.	31.3	3001.6 *	1	2130	259	1.	.1	2992.0	
1	0455	60	83.	65.8	3008.6 *	1	1315	160	68.	30.9	3001.5 *	1	2135	260	1.	.1	2992.0	
1	0500	61	84.	67.4	3008.8 *	1	1320	161	68.	30.4	3001.4 *	1	2140	261	1.	.1	2992.0	
1	0505	62	84.	68.9	3009.1 *	1	1325	162	67.	29.9	3001.3 *	1	2145	262	1.	.0	2992.0	
1	0510	63	84.	70.2	3009.3 *	1	1330	163	67.	29.5	3001.2 *	1	2150	263	1.	.0	2992.0	
1	0515	64	85.	71.3	3009.6 *	1	1335	164	67.	29.0	3001.1 *	1	2155	264	1.	.0	2992.0	
1	0520	65	85.	72.3	3009.7 *	1	1340	165	67.	28.5	3001.0 *	1	2200	265	1.	.0	2992.0	
1	0525	66	85.	73.1	3009.9 *	1	1345	166	67.	28.1	3000.9 *	1	2205	266	1.	.0	2992.0	
1	0530	67	86.	73.7	3010.0 *	1	1350	167	66.	27.6	3000.8 *	1	2210	267	0.	.0	2992.0	
1	0535	68	86.	74.2	3010.1 *	1	1355	168	66.	27.2	3000.7 *	1	2215	268	0.	.0	2992.0	
1	0540	69	86.	74.5	3010.1 *	1	1400	169	66.	26.7	3000.6 *	1	2220	269	0.	.0	2992.0	
1	0545	70	86.	74.7	3010.1 *	1	1405	170	66.	26.3	3000.4 *	1	2225	270	0.	.0	2992.0	
1	0550	71	86.	74.8	3010.2 *	1	1410	171	65.	25.8	3000.3 *	1	2230	271	0.	.0	2992.0	
1	0555	72	86.	74.8	3010.2 *	1	1415	172	65.	25.4	3000.2 *	1	2235	272	0.	.0	2992.0	
1	0600	73	86.	74.7	3010.1 *	1	1420	173	65.	24.9	3000.1 *	1	2240	273	0.	.0	2992.0	
1	0605	74	86.	74.6	3010.1 *	1	1425	174	65.	24.5	3000.0 *	1	2245	274	0.	.0	2992.0	
1	0610	75	86.	74.4	3010.1 *	1	1430	175	64.	24.0	2999.9 *	1	2250	275	0.	.0	2992.0	
1	0615	76	86.	74.1	3010.1 *	1	1435	176	64.	23.6	2999.8 *	1	2255	276	0.	.0	2992.0	
1	0620	77	86.	73.8	3010.0 *	1	1440	177	64.	23.1	2999.7 *	1	2300	277	0.	.0	2992.0	
1	0625	78	85.	73.4	3009.9 *	1	1445	178	63.	22.7	2999.5 *	1	2305	278	0.	.0	2992.0	
1	0630	79	85.	73.0	3009.9 *	1	1450	179	63.	22.3	2999.4 *	1	2310	279	0.	.0	2992.0	
1	0635	80	85.	72.6	3009.8 *	1	1455	180	63.	21.8	2999.3 *	1	2315	280	0.	.0	2992.0	
1	0640	81	85.	72.1	3009.7 *	1	1500	181	62.	21.4	2999.1 *	1	2320	281	0.	.0	2992.0	
1	0645	82	85.	71.7	3009.6 *	1	1505	182	62.	21.0	2999.0 *	1	2325	282	0.	.0	2992.0	
1	0650	83	85.	71.2	3009.5 *	1	1510	183	62.	20.6	2998.9 *	1	2330	283	0.	.0	2992.0	
1	0655	84	85.	70.6	3009.4 *	1	1515	184	61.	20.1	2998.8 *	1	2335	284	0.	.0	2992.0	
1	0700	85	84.	70.1	3009.3 *	1	1520	185	61.	19.7	2998.6 *	1	2340	285	0.	.0	2992.0	
1	0705	86	84.	69.6	3009.2 *	1	1525	186	61.	19.3	2998.5 *	1	2345	286	0.	.0	2992.0	
1	0710	87	84.	69.0	3009.1 *	1	1530	187	60.	18.9	2998.4 *	1	2350	287	0.	.0	2992.0	
1	0715	88	84.	68.5	3009.0 *	1	1535	188	60.	18.5	2998.3 *	1	2355	288	0.	.0	2992.0	
1	0720	89	84.	67.9	3008.9 *	1	1540	189	60.	18.0	2998.1 *	2	0000	289	0.	.0	2992.0	
1	0725	90	83.	67.4	3008.8 *	1	1545	190	59.	17.6	2998.0 *	2	0005	290	0.	.0	2992.0	
1	0730	91	83.	66.8	3008.7 *	1	1550	191	59.	17.2	2997.9 *	2	0010	291	0.	.0	2992.0	
1	0735	92	83.	66.3	3008.6 *	1	1555	192	59.	16.8	2997.8 *	2	0015	292	0.	.0	2992.0	
1	0740	93	83.	65.7	3008.5 *	1	1600	193	58.	16.4	2997.6 *	2	0020	293	0.	.0	2992.0	
1	0745	94	83.	65.1	3008.4 *	1	1605	194	58.	16.0	2997.5 *	2	0025	294	0.	.0	2992.0	
1	0750	95	82.	64.6	3008.3 *	1	1610	195	58.	15.6	2997.4 *	2	0030	295	0.	.0	2992.0	
1	0755	96	82.	64.0	3008.2 *	1	1615	196	57.	15.2	2997.3 *	2	0035	296	0.	.0	2992.0	
1	0800	97	82.	63.4	3008.1 *	1	1620	197	57.	14.8	2997.2 *	2	0040	297	0.	.0	2992.0	
1	0805	98	82.	62.9	3008.0 *	1	1625	198	57.	14.4	2997.0 *	2	0045	298	0.	.0	2992.0	
1	0810	99	82.	62.3	3007.9 *	1	1630	199	56.	14.1	2996.9 *	2	0050	299	0.	.0	2992.0	
1	0815	100	81.	61.8	3007.8 *	1	1635	200	56.	13.7	2996.8 *	2	0055	300	0.	.0	2992.0	
					*						*							

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 86.	5.83	82.	50.	48.	48.

					PRO
(INCHES)	.752	1.835	1.835	1.835
(AC-FT)	41.	99.	99.	99.

PEAK STORAGE + (AC-FT)	TIME (HR)	MAXIMUM AVERAGE STORAGE 6-HR	24-HR	72-HR	24.92-HR
75.	5.83	64.	26.	25.	25.

PEAK STAGE + (FEET)	TIME (HR)	MAXIMUM AVERAGE STAGE 6-HR	24-HR	72-HR	24.92-HR
3010.16	5.83	3008.18	2999.20	2998.93	2998.93

CUMULATIVE AREA = 1.01 SQ MI

HYDROGRAPH AT STATION *RDB2
PLAN 1, RATIO = .99

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	1		0820	101	81.	60.0	3007.5	1		1640	201	55.	12.5	2996.5
1		0005	2	0.	.0	2992.0	1		0825	102	80.	59.5	3007.4	1		1645	202	55.	12.1	2996.3
1		0010	3	0.	.0	2992.0	1		0830	103	80.	58.9	3007.3	1		1650	203	54.	11.7	2996.2
1		0015	4	0.	.0	2992.0	1		0835	104	80.	58.3	3007.2	1		1655	204	54.	11.3	2996.1
1		0020	5	0.	.0	2992.0	1		0840	105	80.	57.8	3007.1	1		1700	205	54.	11.0	2996.0
1		0025	6	1.	.0	2992.0	1		0845	106	80.	57.2	3007.0	1		1705	206	54.	10.6	2995.9
1		0030	7	1.	.1	2992.0	1		0850	107	79.	56.7	3006.9	1		1710	207	53.	10.2	2995.8
1		0035	8	2.	.1	2992.0	1		0855	108	79.	56.2	3006.8	1		1715	208	53.	9.9	2995.7
1		0040	9	2.	.1	2992.1	1		0900	109	79.	55.6	3006.7	1		1720	209	53.	9.5	2995.6
1		0045	10	3.	.2	2992.1	1		0905	110	79.	55.1	3006.6	1		1725	210	52.	9.1	2995.5
1		0050	11	3.	.2	2992.1	1		0910	111	79.	54.5	3006.5	1		1730	211	52.	8.8	2995.4
1		0055	12	4.	.2	2992.1	1		0915	112	78.	54.0	3006.4	1		1735	212	52.	8.4	2995.2
1		0100	13	4.	.2	2992.1	1		0920	113	78.	53.4	3006.3	1		1740	213	51.	8.1	2995.1
1		0105	14	4.	.2	2992.1	1		0925	114	78.	52.9	3006.2	1		1745	214	51.	7.7	2995.0
1		0110	15	5.	.2	2992.1	1		0930	115	78.	52.4	3006.1	1		1750	215	51.	7.4	2994.9
1		0115	16	5.	.3	2992.1	1		0935	116	77.	51.8	3006.0	1		1755	216	50.	7.0	2994.8
1		0120	17	5.	.3	2992.1	1		0940	117	77.	51.3	3005.9	1		1800	217	50.	6.7	2994.6
1		0125	18	6.	.3	2992.1	1		0945	118	77.	50.8	3005.8	1		1805	218	49.	6.3	2994.5
1		0130	19	7.	.4	2992.2	1		0950	119	77.	50.2	3005.7	1		1810	219	49.	6.0	2994.4
1		0135	20	9.	.5	2992.2	1		0955	120	77.	49.7	3005.6	1		1815	220	49.	5.7	2994.3
1		0140	21	11.	.6	2992.2	1		1000	121	76.	49.2	3005.5	1		1820	221	48.	5.3	2994.1
1		0145	22	13.	.7	2992.3	1		1005	122	76.	48.7	3005.4	1		1825	222	48.	5.0	2994.0
1		0150	23	16.	.8	2992.4	1		1010	123	76.	48.1	3005.3	1		1830	223	47.	4.7	2993.9
1		0155	24	18.	1.0	2992.4	1		1015	124	76.	47.6	3005.2	1		1835	224	47.	4.3	2993.8
1		0200	25	20.	1.1	2992.5	1		1020	125	76.	47.1	3005.1	1		1840	225	47.	4.0	2993.6
1		0205	26	22.	1.2	2992.5	1		1025	126	75.	46.6	3005.1	1		1845	226	46.	3.7	2993.5
1		0210	27	23.	1.2	2992.5	1		1030	127	75.	46.1	3004.9	1		1850	227	46.	3.4	2993.4
1		0215	28	25.	1.3	2992.6	1		1035	128	75.	45.5	3004.8	1		1855	228	45.	3.1	2993.3
1		0220	29	27.	1.4	2992.6	1		1040	129	75.	45.0	3004.7	1		1900	229	45.	2.8	2993.2
1		0225	30	30.	1.6	2992.7	1		1045	130	74.	44.5	3004.6	1		1905	230	45.	2.4	2993.0
1		0230	31	33.	1.8	2992.8	1		1050	131	74.	44.0	3004.5	1		1910	231	41.	2.2	2992.9
1		0235	32	36.	1.9	2992.8	1		1055	132	74.	43.5	3004.4	1		1915	232	36.	1.9	2992.8
1		0240	33	39.	2.1	2992.9	1		1100	133	74.	43.0	3004.2	1		1920	233	31.	1.7	2992.7
1		0245	34	42.	2.2	2993.0	1		1105	134	73.	42.5	3004.1	1		1925	234	28.	1.5	2992.6
1		0250	35	45.	2.4	2993.0	1		1110	135	73.	42.0	3004.0	1		1930	235	24.	1.3	2992.5
1		0255	36	45.	2.6	2993.1	1		1115	136	73.	41.5	3003.9	1		1935	236	21.	1.1	2992.5
1		0300	37	45.	2.8	2993.2	1		1120	137	73.	41.0	3003.8	1		1940	237	19.	1.0	2992.4
1		0305	38	45.	3.0	2993.2	1		1125	138	73.	40.5	3003.7	1		1945	238	16.	.9	2992.4
1		0310	39	46.	3.3	2993.4	1		1130	139	72.	40.0	3003.6	1		1950	239	14.	.8	2992.3
1		0315	40	46.	3.9	2993.6	1		1135	140	72.	39.5	3003.4	1		1955	240	13.	.7	2992.3
1		0320	41	48.	4.8	2993.9	1		1140	141	72.	39.0	3003.3	1		2000	241	11.	.6	2992.2
1		0325	42	50.	6.4	2994.6	1		1145	142	72.	38.5	3003.2	1		2005	242	10.	.5	2992.2
1		0330	43	52.	8.9	2995.4	1		1150	143	71.	38.0	3003.1	1		2010	243	8.	.4	2992.2
1		0335	44	55.	12.3	2996.4	1		1155	144	71.	37.5	3003.0	1		2015	244	7.	.4	2992.2
1		0340	45	58.	16.5	2997.7	1		1200	145	71.	37.0	3002.9	1		2020	245	7.	.3	2992.1
1		0345	46	62.	21.1	2999.0	1		1205	146	71.	36.5	3002.8	1		2025	246	6.	.3	2992.1
1		0350	47	65.	25.8	3000.3	1		1210	147	70.	36.0	3002.7	1		2030	247	5.	.3	2992.1
1		0355	48	68.	30.6	3001.4	1		1215	148	70.	35.5	3002.6	1		2035	248	4.	.2	2992.1
1		0400	49	70.	35.2	3002.5	1		1220	149	70.	35.1	3002.4	1		2040	249	4.	.2	2992.1
1		0405	50	72.	39.5	3003.5	1		1225	150	70.	34.6	3002.3	1		2045	250	3.	.2	2992.1
1		0410	51	74.	43.5	3004.4	1		1230	151	69.	34.1	3002.2	1		2050	251	3.	.2	2992.1
1		0415	52	76.	47.1	3005.2	1		1235	152	69.	33.6	3002.1	1		2055	252	3.	.1	2992.1
1		0420	53	77.	50.3	3005.7	1		1240	153	69.	33.2	3002.0	1		2100	253	2.	.1	2992.1
1		0425	54	78.	53.0	3006.2	1		1245	154	69.	32.7	3001.9	1		2105	254	2.	.1	2992.0
1		0430	55	79.	55.4	3006.7	1		1250	155	69.	32.2	3001.8	1		2110	255	2.	.1	2992.0
1		0435	56	80.	57.6	3007.1	1		1255	156	68.	31.7	3001.7	1		2115	256	2.	.1	2992.0
1		0440	57	80.	59.5	3007.4	1		1300	157	68.	31.3	3001.6	1		2120	257	1.	.1	2992.0
1		0445	58	81.	61.4	3007.7	1		1305	158	68.	30.8	3001.5	1		2125	258	1.	.1	2992.0
1		0450	59	82.	63.1	3008.1	1		1310	159	68.	30.3	3001.4	1		2130	259	1.	.1	2992.0
1		0455	60	82.	64.8	3008.4	1		1315	160	67.	29.9	3001.3	1		2135	260	1.	.0	2992.0
1		0500	61	83.	66.3	3008.6	1		1320	161	67.	29.4	3001.2	1		2140	261	1.	.0	2992.0
1		0505	62	84.	67.8	3008.9	1		1325	162	67.	28.9	3001.1	1		2145	262	1.	.0	2992.0
1		0510	63	84.	69.0	3009.1	1		1330	163	67.	28.5	3001.0	1		2150	263	1.	.0	2992.0
1		0515	64	84.	70.2	3009.3	1		1335	164	67.	28.0	3000.8	1		2155	264	1.	.0	2992.0

												PRO							
1	0520	65	85.	71.1	3009.5	*	1	1340	165	66.	27.6	3000.7	*	1	2200	265	0.	.0	2992.0
1	0525	66	85.	71.9	3009.7	*	1	1345	166	66.	27.1	3000.6	*	1	2205	266	0.	.0	2992.0
1	0530	67	85.	72.5	3009.8	*	1	1350	167	66.	26.7	3000.5	*	1	2210	267	0.	.0	2992.0
1	0535	68	85.	73.0	3009.9	*	1	1355	168	66.	26.2	3000.4	*	1	2215	268	0.	.0	2992.0
1	0540	69	85.	73.3	3009.9	*	1	1400	169	65.	25.8	3000.3	*	1	2220	269	0.	.0	2992.0
1	0545	70	85.	73.5	3010.0	*	1	1405	170	65.	25.3	3000.2	*	1	2225	270	0.	.0	2992.0
1	0550	71	86.	73.6	3010.0	*	1	1410	171	65.	24.9	3000.1	*	1	2230	271	0.	.0	2992.0
1	0555	72	86.	73.6	3010.0	*	1	1415	172	65.	24.4	3000.0	*	1	2235	272	0.	.0	2992.0
1	0600	73	85.	73.5	3009.9	*	1	1420	173	64.	24.0	2999.9	*	1	2240	273	0.	.0	2992.0
1	0605	74	85.	73.4	3009.9	*	1	1425	174	64.	23.5	2999.8	*	1	2245	274	0.	.0	2992.0
1	0610	75	85.	73.1	3009.9	*	1	1430	175	64.	23.1	2999.6	*	1	2250	275	0.	.0	2992.0
1	0615	76	85.	72.9	3009.8	*	1	1435	176	63.	22.6	2999.5	*	1	2255	276	0.	.0	2992.0
1	0620	77	85.	72.5	3009.8	*	1	1440	177	63.	22.2	2999.4	*	1	2300	277	0.	.0	2992.0
1	0625	78	85.	72.2	3009.7	*	1	1445	178	63.	21.8	2999.2	*	1	2305	278	0.	.0	2992.0
1	0630	79	85.	71.8	3009.6	*	1	1450	179	62.	21.3	2999.1	*	1	2310	279	0.	.0	2992.0
1	0635	80	85.	71.4	3009.6	*	1	1455	180	62.	20.9	2999.0	*	1	2315	280	0.	.0	2992.0
1	0640	81	85.	70.9	3009.5	*	1	1500	181	62.	20.5	2998.9	*	1	2320	281	0.	.0	2992.0
1	0645	82	85.	70.4	3009.4	*	1	1505	182	61.	20.1	2998.7	*	1	2325	282	0.	.0	2992.0
1	0650	83	84.	69.9	3009.3	*	1	1510	183	61.	19.6	2998.6	*	1	2330	283	0.	.0	2992.0
1	0655	84	84.	69.4	3009.2	*	1	1515	184	61.	19.2	2998.5	*	1	2335	284	0.	.0	2992.0
1	0700	85	84.	68.9	3009.1	*	1	1520	185	60.	18.8	2998.4	*	1	2340	285	0.	.0	2992.0
1	0705	86	84.	68.3	3009.0	*	1	1525	186	60.	18.4	2998.2	*	1	2345	286	0.	.0	2992.0
1	0710	87	84.	67.8	3008.9	*	1	1530	187	60.	18.0	2998.1	*	1	2350	287	0.	.0	2992.0
1	0715	88	83.	67.3	3008.8	*	1	1535	188	59.	17.6	2998.0	*	1	2355	288	0.	.0	2992.0
1	0720	89	83.	66.7	3008.7	*	1	1540	189	59.	17.2	2997.9	*	2	0000	289	0.	.0	2992.0
1	0725	90	83.	66.1	3008.6	*	1	1545	190	59.	16.8	2997.7	*	2	0005	290	0.	.0	2992.0
1	0730	91	83.	65.6	3008.5	*	1	1550	191	58.	16.4	2997.6	*	2	0010	291	0.	.0	2992.0
1	0735	92	83.	65.0	3008.4	*	1	1555	192	58.	16.0	2997.5	*	2	0015	292	0.	.0	2992.0
1	0740	93	82.	64.5	3008.3	*	1	1600	193	58.	15.6	2997.4	*	2	0020	293	0.	.0	2992.0
1	0745	94	82.	63.9	3008.2	*	1	1605	194	57.	15.2	2997.3	*	2	0025	294	0.	.0	2992.0
1	0750	95	82.	63.4	3008.1	*	1	1610	195	57.	14.8	2997.2	*	2	0030	295	0.	.0	2992.0
1	0755	96	82.	62.8	3008.0	*	1	1615	196	57.	14.4	2997.0	*	2	0035	296	0.	.0	2992.0
1	0800	97	82.	62.2	3007.9	*	1	1620	197	56.	14.0	2996.9	*	2	0040	297	0.	.0	2992.0
1	0805	98	81.	61.7	3007.8	*	1	1625	198	56.	13.6	2996.8	*	2	0045	298	0.	.0	2992.0
1	0810	99	81.	61.1	3007.7	*	1	1630	199	56.	13.2	2996.7	*	2	0050	299	0.	.0	2992.0
1	0815	100	81.	60.6	3007.6	*	1	1635	200	55.	12.8	2996.6	*	2	0055	300	0.	.0	2992.0
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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
	(CFS)				
+ 86.	5.83	82.	49.	47.	47.
	(INCHES)	.748	1.808	1.808	1.808
	(AC-FT)	40.	98.	98.	98.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
74.	5.83	63.	25.	24.	24.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
3009.97	5.83	3007.97	2999.04	2998.78	2998.78

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *RDB2
PLAN 1, RATIO = .98

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	0.	.0	2992.0	1	0820		101	80.	58.2	3007.2	1	1640		201	54.	11.3	2996.1
1	0005		2	0.	.0	2992.0	1	0825		102	80.	57.7	3007.1	1	1645		202	54.	10.9	2996.0
1	0010		3	0.	.0	2992.0	1	0830		103	80.	57.1	3007.0	1	1650		203	53.	10.5	2995.9
1	0015		4	0.	.0	2992.0	1	0835		104	79.	56.6	3006.9	1	1655		204	53.	10.2	2995.8
1	0020		5	0.	.0	2992.0	1	0840		105	79.	56.0	3006.8	1	1700		205	53.	9.8	2995.7
1	0025		6	1.	.0	2992.0	1	0845		106	79.	55.5	3006.7	1	1705		206	53.	9.4	2995.5
1	0030		7	1.	.1	2992.0	1	0850		107	79.	55.0	3006.6	1	1710		207	52.	9.1	2995.4
1	0035		8	2.	.1	2992.0	1	0855		108	78.	54.4	3006.5	1	1715		208	52.	8.7	2995.3
1	0040		9	2.	.1	2992.1	1	0900		109	78.	53.9	3006.4	1	1720		209	52.	8.4	2995.2
1	0045		10	3.	.1	2992.1	1	0905		110	78.	53.3	3006.3	1	1725		210	51.	8.0	2995.1
1	0050		11	3.	.2	2992.1	1	0910		111	78.	52.8	3006.2	1	1730		211	51.	7.6	2995.0
1	0055		12	3.	.2	2992.1	1	0915		112	78.	52.3	3006.1	1	1735		212	51.	7.3	2994.9
1	0100		13	4.	.2	2992.1	1	0920		113	77.	51.7	3006.0	1	1740		213	50.	6.9	2994.8
1	0105		14	4.	.2	2992.1	1	0925		114	77.	51.2	3005.9	1	1745		214	50.	6.6	2994.6
1	0110		15	4.	.2	2992.1	1	0930		115	77.	50.7	3005.8	1	1750		215	49.	6.3	2994.5
1	0115		16	4.	.2	2992.1	1	0935		116	77.	50.1	3005.7	1	1755		216	49.	5.9	2994.4
1	0120		17	5.	.3	2992.1	1	0940		117	77.	49.6	3005.6	1	1800		217	49.	5.6	2994.2
1	0125		18	6.	.3	2992.1	1	0945		118	76.	49.1	3005.5	1	1805		218	48.	5.3	2994.1
1	0130		19	7.	.3	2992.1	1	0950		119	76.	48.6	3005.4	1	1810		219	48.	4.9	2994.0
1	0135		20	8.	.4	2992.2	1	0955		120	76.	48.0	3005.3	1	1815		220	47.	4.6	2993.9

						PRO												
1	0140	21	10.	.5	2992.2 *	1	1000	121	76.	47.5	3005.2 *	1	1820	221	47.	4.3	2993.7
1	0145	22	12.	.7	2992.3 *	1	1005	122	76.	47.0	3005.1 *	1	1825	222	46.	4.0	2993.6
1	0150	23	15.	.8	2992.3 *	1	1010	123	75.	46.5	3005.0 *	1	1830	223	46.	3.6	2993.5
1	0155	24	17.	.9	2992.4 *	1	1015	124	75.	45.9	3004.9 *	1	1835	224	46.	3.3	2993.4
1	0200	25	19.	1.0	2992.4 *	1	1020	125	75.	45.4	3004.8 *	1	1840	225	45.	3.0	2993.3
1	0205	26	21.	1.1	2992.5 *	1	1025	126	75.	44.9	3004.7 *	1	1845	226	45.	2.7	2993.1
1	0210	27	22.	1.2	2992.5 *	1	1030	127	74.	44.4	3004.6 *	1	1850	227	44.	2.4	2993.0
1	0215	28	24.	1.3	2992.5 *	1	1035	128	74.	43.9	3004.5 *	1	1855	228	40.	2.1	2992.9
1	0220	29	26.	1.4	2992.6 *	1	1040	129	74.	43.4	3004.3 *	1	1900	229	35.	1.8	2992.8
1	0225	30	29.	1.5	2992.7 *	1	1045	130	74.	42.9	3004.2 *	1	1905	230	31.	1.6	2992.7
1	0230	31	32.	1.7	2992.7 *	1	1050	131	73.	42.4	3004.1 *	1	1910	231	27.	1.4	2992.6
1	0235	32	35.	1.8	2992.8 *	1	1055	132	73.	41.9	3004.0 *	1	1915	232	24.	1.2	2992.5
1	0240	33	38.	2.0	2992.9 *	1	1100	133	73.	41.4	3003.9 *	1	1920	233	21.	1.1	2992.5
1	0245	34	41.	2.2	2992.9 *	1	1105	134	73.	40.9	3003.8 *	1	1925	234	18.	1.0	2992.4
1	0250	35	44.	2.3	2993.0 *	1	1110	135	72.	40.4	3003.7 *	1	1930	235	16.	.8	2992.4
1	0255	36	45.	2.5	2993.1 *	1	1115	136	72.	39.9	3003.5 *	1	1935	236	14.	.7	2992.3
1	0300	37	45.	2.6	2993.1 *	1	1120	137	72.	39.4	3003.4 *	1	1940	237	12.	.6	2992.3
1	0305	38	45.	2.8	2993.2 *	1	1125	138	72.	38.9	3003.3 *	1	1945	238	11.	.6	2992.2
1	0310	39	45.	3.2	2993.3 *	1	1130	139	72.	38.4	3003.2 *	1	1950	239	9.	.5	2992.2
1	0315	40	46.	3.7	2993.5 *	1	1135	140	71.	37.9	3003.1 *	1	1955	240	8.	.4	2992.2
1	0320	41	47.	4.6	2993.9 *	1	1140	141	71.	37.4	3003.0 *	1	2000	241	7.	.4	2992.2
1	0325	42	49.	6.2	2994.5 *	1	1145	142	71.	36.9	3002.9 *	1	2005	242	6.	.3	2992.1
1	0330	43	52.	8.6	2995.3 *	1	1150	143	71.	36.4	3002.8 *	1	2010	243	6.	.3	2992.1
1	0335	44	55.	11.9	2996.3 *	1	1155	144	70.	35.9	3002.6 *	1	2015	244	5.	.3	2992.1
1	0340	45	58.	16.0	2997.5 *	1	1200	145	70.	35.4	3002.5 *	1	2020	245	4.	.2	2992.1
1	0345	46	62.	20.5	2998.9 *	1	1205	146	70.	35.0	3002.4 *	1	2025	246	4.	.2	2992.1
1	0350	47	65.	25.1	3000.2 *	1	1210	147	70.	34.5	3002.3 *	1	2030	247	3.	.2	2992.1
1	0355	48	67.	29.8	3001.2 *	1	1215	148	69.	34.0	3002.2 *	1	2035	248	3.	.2	2992.1
1	0400	49	70.	34.3	3002.3 *	1	1220	149	69.	33.5	3002.1 *	1	2040	249	3.	.1	2992.1
1	0405	50	72.	38.5	3003.2 *	1	1225	150	69.	33.1	3002.0 *	1	2045	250	2.	.1	2992.1
1	0410	51	73.	42.4	3004.1 *	1	1230	151	69.	32.6	3001.9 *	1	2050	251	2.	.1	2992.0
1	0415	52	75.	45.9	3004.9 *	1	1235	152	68.	32.1	3001.8 *	1	2055	252	2.	.1	2992.0
1	0420	53	76.	49.0	3005.5 *	1	1240	153	68.	31.6	3001.7 *	1	2100	253	2.	.1	2992.0
1	0425	54	77.	51.7	3006.0 *	1	1245	154	68.	31.2	3001.6 *	1	2105	254	1.	.1	2992.0
1	0430	55	78.	54.0	3006.4 *	1	1250	155	68.	30.7	3001.5 *	1	2110	255	1.	.1	2992.0
1	0435	56	79.	56.1	3006.8 *	1	1255	156	68.	30.2	3001.3 *	1	2115	256	1.	.1	2992.0
1	0440	57	80.	58.1	3007.1 *	1	1300	157	67.	29.8	3001.2 *	1	2120	257	1.	.0	2992.0
1	0445	58	81.	59.9	3007.5 *	1	1305	158	67.	29.3	3001.1 *	1	2125	258	1.	.0	2992.0
1	0450	59	81.	61.5	3007.8 *	1	1310	159	67.	28.8	3001.0 *	1	2130	259	1.	.0	2992.0
1	0455	60	82.	63.2	3008.1 *	1	1315	160	67.	28.4	3000.9 *	1	2135	260	1.	.0	2992.0
1	0500	61	82.	64.7	3008.3 *	1	1320	161	66.	27.9	3000.8 *	1	2140	261	1.	.0	2992.0
1	0505	62	83.	66.1	3008.6 *	1	1325	162	66.	27.5	3000.7 *	1	2145	262	0.	.0	2992.0
1	0510	63	83.	67.3	3008.8 *	1	1330	163	66.	27.0	3000.6 *	1	2150	263	0.	.0	2992.0
1	0515	64	84.	68.4	3009.0 *	1	1335	164	66.	26.6	3000.5 *	1	2155	264	0.	.0	2992.0
1	0520	65	84.	69.4	3009.2 *	1	1340	165	66.	26.1	3000.4 *	1	2200	265	0.	.0	2992.0
1	0525	66	84.	70.1	3009.3 *	1	1345	166	65.	25.7	3000.3 *	1	2205	266	0.	.0	2992.0
1	0530	67	85.	70.7	3009.4 *	1	1350	167	65.	25.2	3000.2 *	1	2210	267	0.	.0	2992.0
1	0535	68	85.	71.2	3009.5 *	1	1355	168	65.	24.8	3000.1 *	1	2215	268	0.	.0	2992.0
1	0540	69	85.	71.5	3009.6 *	1	1400	169	65.	24.3	3000.0 *	1	2220	269	0.	.0	2992.0
1	0545	70	85.	71.7	3009.6 *	1	1405	170	64.	23.9	2999.9 *	1	2225	270	0.	.0	2992.0
1	0550	71	85.	71.8	3009.6 *	1	1410	171	64.	23.4	2999.7 *	1	2230	271	0.	.0	2992.0
1	0555	72	85.	71.7	3009.6 *	1	1415	172	64.	23.0	2999.6 *	1	2235	272	0.	.0	2992.0
1	0600	73	85.	71.7	3009.6 *	1	1420	173	63.	22.6	2999.5 *	1	2240	273	0.	.0	2992.0
1	0605	74	85.	71.5	3009.6 *	1	1425	174	63.	22.1	2999.3 *	1	2245	274	0.	.0	2992.0
1	0610	75	85.	71.3	3009.5 *	1	1430	175	63.	21.7	2999.2 *	1	2250	275	0.	.0	2992.0
1	0615	76	85.	71.0	3009.5 *	1	1435	176	62.	21.3	2999.1 *	1	2255	276	0.	.0	2992.0
1	0620	77	85.	70.7	3009.4 *	1	1440	177	62.	20.8	2999.0 *	1	2300	277	0.	.0	2992.0
1	0625	78	84.	70.3	3009.4 *	1	1445	178	62.	20.4	2998.8 *	1	2305	278	0.	.0	2992.0
1	0630	79	84.	69.9	3009.3 *	1	1450	179	61.	20.0	2998.7 *	1	2310	279	0.	.0	2992.0
1	0635	80	84.	69.5	3009.2 *	1	1455	180	61.	19.6	2998.6 *	1	2315	280	0.	.0	2992.0
1	0640	81	84.	69.0	3009.1 *	1	1500	181	60.	19.1	2998.5 *	1	2320	281	0.	.0	2992.0
1	0645	82	84.	68.6	3009.1 *	1	1505	182	60.	18.7	2998.3 *	1	2325	282	0.	.0	2992.0
1	0650	83	84.	68.1	3009.0 *	1	1510	183	60.	18.3	2998.2 *	1	2330	283	0.	.0	2992.0
1	0655	84	84.	67.6	3008.9 *	1	1515	184	59.	17.9	2998.1 *	1	2335	284	0.	.0	2992.0
1	0700	85	83.	67.0	3008.8 *	1	1520	185	59.	17.5	2998.0 *	1	2340	285	0.	.0	2992.0
1	0705	86	83.	66.5	3008.7 *	1	1525	186	59.	17.1	2997.8 *	1	2345	286	0.	.0	2992.0
1	0710	87	83.	66.0	3008.6 *	1	1530	187	58.	16.7	2997.7 *	1	2350	287	0.	.0	2992.0
1	0715	88	83.	65.4	3008.5 *	1	1535	188	58.	16.3	2997.6 *	1	2355	288	0.	.0	2992.0
1	0720	89	83.	64.9	3008.4 *	1	1540	189	58.	15.9	2997.5 *	2	0000	289	0.	.0	2992.0
1	0725	90	82.	64.3	3008.3 *	1	1545	190	57.	15.5	2997.4 *	2	0005	290	0.	.0	2992.0
1	0730	91	82.	63.8	3008.2 *	1	1550	191	57.	15.1	2997.2 *	2	0010	291	0.	.0	2992.0
1	0735	92	82.	63.2	3008.1 *	1	1555	192	57.	14.7	2997.1 *	2	0015	292	0.	.0	2992.0
1	0740	93	82.	62.7	3008.0 *	1	1600	193	57.	14.3	2997.0 *	2	0020	293	0.	.0	2992.0
1	0745	94	81.	62.1	3007.9 *	1	1605	194	56.	13.9	2996.9 *	2	0025	294	0.	.0	2992.0
1	0750	95	81.	61.5	3007.8 *	1	1610	195	56.	13.5	2996.8 *	2	0030	295	0.	.0	2992.0
1	0755	96	81.	61.0	3007.7 *	1	1615	196	56.	13.1	2996.7 *	2	0035	296	0.	.0	2992.0
1	0800	97	81.	60.4	3007.6 *	1	1620	197	55.	12.8	2996.5 *	2	0040	297	0.	.0	2992.0
1	0805	98	81.	59.9	3007.5 *	1	1625	198	55.	12.4	2996.4 *	2	0045	298	0.	.0	2992.0
1	0810	99	80.	59.3	3007.4 *	1	1630	199	55.	12.0	2996.3 *	2	0050	299	0.	.0	2992.0
1	0815	100	80.	58.8	3007.3 *	1	1635	200	54.	11.6	2996.2 *	2	0055	300	0.	.0	2992.0
					*						*							

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 85.	5.83		81.	48.	46.	46.
		(INCHES)	.743	1.768	1.768	1.768

					PRO
	(AC-FT)	40.	96.	96.	96.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
72.	5.83	61.	24.	23.	23.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
3009.63	5.83	3007.65	2998.80	2998.55	2998.55

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *RDB2
PLAN 1, RATIO = .95

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	1		0820	101	79.	55.3	3006.6	1		1640	201	52.	9.3	2995.5
1		0005	2	0.	.0	2992.0	1		0825	102	79.	54.8	3006.5	1		1645	202	52.	8.9	2995.4
1		0010	3	0.	.0	2992.0	1		0830	103	78.	54.2	3006.4	1		1650	203	52.	8.6	2995.3
1		0015	4	0.	.0	2992.0	1		0835	104	78.	53.7	3006.3	1		1655	204	52.	8.2	2995.2
1		0020	5	0.	.0	2992.0	1		0840	105	78.	53.1	3006.2	1		1700	205	51.	7.9	2995.1
1		0025	6	0.	.0	2992.0	1		0845	106	78.	52.6	3006.2	1		1705	206	51.	7.5	2995.0
1		0030	7	1.	.1	2992.0	1		0850	107	78.	52.1	3006.1	1		1710	207	51.	7.2	2994.8
1		0035	8	2.	.1	2992.0	1		0855	108	77.	51.5	3006.0	1		1715	208	50.	6.8	2994.7
1		0040	9	2.	.1	2992.0	1		0900	109	77.	51.0	3005.9	1		1720	209	50.	6.5	2994.6
1		0045	10	2.	.1	2992.1	1		0905	110	77.	50.5	3005.8	1		1725	210	49.	6.1	2994.4
1		0050	11	3.	.1	2992.1	1		0910	111	77.	49.9	3005.7	1		1730	211	49.	5.8	2994.3
1		0055	12	3.	.2	2992.1	1		0915	112	77.	49.4	3005.6	1		1735	212	48.	5.5	2994.2
1		0100	13	3.	.2	2992.1	1		0920	113	76.	48.9	3005.5	1		1740	213	48.	5.1	2994.1
1		0105	14	3.	.2	2992.1	1		0925	114	76.	48.4	3005.4	1		1745	214	48.	4.8	2993.9
1		0110	15	4.	.2	2992.1	1		0930	115	76.	47.8	3005.3	1		1750	215	47.	4.5	2993.8
1		0115	16	4.	.2	2992.1	1		0935	116	76.	47.3	3005.2	1		1755	216	47.	4.2	2993.7
1		0120	17	4.	.2	2992.1	1		0940	117	76.	46.8	3005.1	1		1800	217	46.	3.8	2993.6
1		0125	18	5.	.3	2992.1	1		0945	118	75.	46.3	3005.0	1		1805	218	46.	3.5	2993.4
1		0130	19	6.	.3	2992.1	1		0950	119	75.	45.8	3004.9	1		1810	219	46.	3.2	2993.3
1		0135	20	7.	.4	2992.2	1		0955	120	75.	45.2	3004.8	1		1815	220	45.	2.9	2993.2
1		0140	21	9.	.5	2992.2	1		1000	121	75.	44.7	3004.6	1		1820	221	45.	2.6	2993.1
1		0145	22	11.	.6	2992.3	1		1005	122	74.	44.2	3004.5	1		1825	222	43.	2.3	2993.0
1		0150	23	14.	.7	2992.3	1		1010	123	74.	43.7	3004.4	1		1830	223	38.	2.0	2992.9
1		0155	24	16.	.8	2992.4	1		1015	124	74.	43.2	3004.3	1		1835	224	33.	1.8	2992.7
1		0200	25	18.	.9	2992.4	1		1020	125	74.	42.7	3004.2	1		1840	225	29.	1.5	2992.7
1		0205	26	19.	1.0	2992.4	1		1025	126	73.	42.2	3004.1	1		1845	226	26.	1.3	2992.6
1		0210	27	21.	1.1	2992.5	1		1030	127	73.	41.7	3004.0	1		1850	227	22.	1.2	2992.5
1		0215	28	22.	1.2	2992.5	1		1035	128	73.	41.2	3003.8	1		1855	228	20.	1.0	2992.4
1		0220	29	24.	1.3	2992.5	1		1040	129	73.	40.7	3003.7	1		1900	229	17.	.9	2992.4
1		0225	30	27.	1.4	2992.6	1		1045	130	72.	40.2	3003.6	1		1905	230	15.	.8	2992.3
1		0230	31	30.	1.6	2992.7	1		1050	131	72.	39.7	3003.5	1		1910	231	13.	.7	2992.3
1		0235	32	33.	1.7	2992.7	1		1055	132	72.	39.2	3003.4	1		1915	232	12.	.6	2992.3
1		0240	33	35.	1.9	2992.8	1		1100	133	72.	38.7	3003.3	1		1920	233	10.	.5	2992.2
1		0245	34	38.	2.0	2992.9	1		1105	134	71.	38.2	3003.2	1		1925	234	9.	.5	2992.2
1		0250	35	41.	2.2	2992.9	1		1110	135	71.	37.7	3003.0	1		1930	235	8.	.4	2992.2
1		0255	36	44.	2.3	2993.0	1		1115	136	71.	37.2	3002.9	1		1935	236	7.	.4	2992.2
1		0300	37	45.	2.5	2993.0	1		1120	137	71.	36.7	3002.8	1		1940	237	6.	.3	2992.1
1		0305	38	45.	2.6	2993.1	1		1125	138	70.	36.2	3002.7	1		1945	238	5.	.3	2992.1
1		0310	39	45.	2.9	2993.2	1		1130	139	70.	35.8	3002.6	1		1950	239	5.	.2	2992.1
1		0315	40	46.	3.4	2993.4	1		1135	140	70.	35.3	3002.5	1		1955	240	4.	.2	2992.1
1		0320	41	47.	4.3	2993.7	1		1140	141	70.	34.8	3002.4	1		2000	241	4.	.2	2992.1
1		0325	42	49.	5.8	2994.3	1		1145	142	70.	34.3	3002.3	1		2005	242	3.	.2	2992.1
1		0330	43	51.	8.1	2995.1	1		1150	143	69.	33.8	3002.2	1		2010	243	3.	.1	2992.1
1		0335	44	54.	11.3	2996.1	1		1155	144	69.	33.4	3002.1	1		2015	244	2.	.1	2992.1
1		0340	45	57.	15.2	2997.3	1		1200	145	69.	32.9	3002.0	1		2020	245	2.	.1	2992.0
1		0345	46	61.	19.5	2998.6	1		1205	146	69.	32.4	3001.8	1		2025	246	2.	.1	2992.0
1		0350	47	64.	24.0	2999.9	1		1210	147	68.	31.9	3001.7	1		2030	247	2.	.1	2992.0
1		0355	48	67.	28.4	3000.9	1		1215	148	68.	31.5	3001.6	1		2035	248	1.	.1	2992.0
1		0400	49	69.	32.7	3001.9	1		1220	149	68.	31.0	3001.5	1		2040	249	1.	.1	2992.0
1		0405	50	71.	36.8	3002.8	1		1225	150	68.	30.5	3001.4	1		2045	250	1.	.1	2992.0
1		0410	51	73.	40.6	3003.7	1		1230	151	67.	30.1	3001.3	1		2050	251	1.	.1	2992.0
1		0415	52	74.	43.9	3004.5	1		1235	152	67.	29.6	3001.2	1		2055	252	1.	.0	2992.0
1		0420	53	76.	46.9	3005.1	1		1240	153	67.	29.1	3001.1	1		2100	253	1.	.0	2992.0
1		0425	54	77.	49.5	3005.6	1		1245	154	67.	28.7	3001.0	1		2105	254	1.	.0	2992.0
1		0430	55	77.	51.7	3006.0	1		1250	155	67.	28.2	3000.9	1		2110	255	1.	.0	2992.0
1		0435	56	78.	53.8	3006.4	1		1255	156	66.	27.8	3000.8	1		2115	256	1.	.0	2992.0
1		0440	57	79.	55.6	3006.7	1		1300	157	66.	27.3	3000.7	1		2120	257	0.	.0	2992.0
1		0445	58	80.	57.3	3007.0	1		1305	158	66.	26.9	3000.6	1		2125	258	0.	.0	2992.0
1		0450	59	80.	59.0	3007.3	1		1310	159	66.	26.4	3000.5	1		2130	259	0.	.0	2992.0
1		0455	60	81.	60.5	3007.6	1		1315	160	65.	25.9	3000.4	1		2135	260	0.	.0	2992.0
1		0500	61	81.	62.0	3007.9	1		1320	161	65.	25.5	3000.3	1		2140	261	0.	.0	2992.0
1		0505	62	82.	63.3	3008.1	1		1325	162	65.	25.0	3000.2	1		2145	262	0.	.0	2992.0
1		0510	63	82.	64.5	3008.3	1		1330	163	65.	24.6	3000.1	1		2150	263	0.	.0	2992.0
1		0515	64	83.	65.6	3008.5	1		1335	164	65.	24.2	3000.0	1		2155	264	0.	.0	2992.0
1		0520	65	83.	66.5	3008.7	1		1340	165	64.	23.7	2999.8	1		2200	265	0.	.0	2992.0

PRO

1	0525	66	83.	67.2	3008.8	*	1	1345	166	64.	23.3	2999.7	*	1	2205	266	0.	.0	2992.0
1	0530	67	84.	67.8	3008.9	*	1	1350	167	63.	22.8	2999.6	*	1	2210	267	0.	.0	2992.0
1	0535	68	84.	68.2	3009.0	*	1	1355	168	63.	22.4	2999.4	*	1	2215	268	0.	.0	2992.0
1	0540	69	84.	68.5	3009.0	*	1	1400	169	63.	22.0	2999.3	*	1	2220	269	0.	.0	2992.0
1	0545	70	84.	68.6	3009.1	*	1	1405	170	62.	21.5	2999.2	*	1	2225	270	0.	.0	2992.0
1	0550	71	84.	68.7	3009.1	*	1	1410	171	62.	21.1	2999.0	*	1	2230	271	0.	.0	2992.0
1	0555	72	84.	68.7	3009.1	*	1	1415	172	62.	20.7	2998.9	*	1	2235	272	0.	.0	2992.0
1	0600	73	84.	68.6	3009.1	*	1	1420	173	61.	20.3	2998.8	*	1	2240	273	0.	.0	2992.0
1	0605	74	84.	68.4	3009.0	*	1	1425	174	61.	19.8	2998.7	*	1	2245	274	0.	.0	2992.0
1	0610	75	84.	68.2	3009.0	*	1	1430	175	61.	19.4	2998.5	*	1	2250	275	0.	.0	2992.0
1	0615	76	84.	67.9	3008.9	*	1	1435	176	60.	19.0	2998.4	*	1	2255	276	0.	.0	2992.0
1	0620	77	84.	67.6	3008.9	*	1	1440	177	60.	18.6	2998.3	*	1	2300	277	0.	.0	2992.0
1	0625	78	83.	67.2	3008.8	*	1	1445	178	60.	18.2	2998.2	*	1	2305	278	0.	.0	2992.0
1	0630	79	83.	66.8	3008.7	*	1	1450	179	59.	17.8	2998.0	*	1	2310	279	0.	.0	2992.0
1	0635	80	83.	66.4	3008.7	*	1	1455	180	59.	17.3	2997.9	*	1	2315	280	0.	.0	2992.0
1	0640	81	83.	66.0	3008.6	*	1	1500	181	59.	16.9	2997.8	*	1	2320	281	0.	.0	2992.0
1	0645	82	83.	65.5	3008.5	*	1	1505	182	58.	16.5	2997.7	*	1	2325	282	0.	.0	2992.0
1	0650	83	83.	65.0	3008.4	*	1	1510	183	58.	16.1	2997.6	*	1	2330	283	0.	.0	2992.0
1	0655	84	82.	64.5	3008.3	*	1	1515	184	58.	15.7	2997.4	*	1	2335	284	0.	.0	2992.0
1	0700	85	82.	64.0	3008.2	*	1	1520	185	57.	15.3	2997.3	*	1	2340	285	0.	.0	2992.0
1	0705	86	82.	63.5	3008.1	*	1	1525	186	57.	15.0	2997.2	*	1	2345	286	0.	.0	2992.0
1	0710	87	82.	62.9	3008.0	*	1	1530	187	57.	14.6	2997.1	*	1	2350	287	0.	.0	2992.0
1	0715	88	82.	62.4	3007.9	*	1	1535	188	56.	14.2	2997.0	*	1	2355	288	0.	.0	2992.0
1	0720	89	81.	61.8	3007.8	*	1	1540	189	56.	13.8	2996.9	*	2	0000	289	0.	.0	2992.0
1	0725	90	81.	61.3	3007.7	*	1	1545	190	56.	13.4	2996.7	*	2	0005	290	0.	.0	2992.0
1	0730	91	81.	60.8	3007.6	*	1	1550	191	55.	13.0	2996.6	*	2	0010	291	0.	.0	2992.0
1	0735	92	81.	60.2	3007.5	*	1	1555	192	55.	12.6	2996.5	*	2	0015	292	0.	.0	2992.0
1	0740	93	81.	59.7	3007.4	*	1	1600	193	55.	12.3	2996.4	*	2	0020	293	0.	.0	2992.0
1	0745	94	80.	59.1	3007.3	*	1	1605	194	55.	11.9	2996.3	*	2	0025	294	0.	.0	2992.0
1	0750	95	80.	58.6	3007.2	*	1	1610	195	54.	11.5	2996.2	*	2	0030	295	0.	.0	2992.0
1	0755	96	80.	58.0	3007.1	*	1	1615	196	54.	11.1	2996.1	*	2	0035	296	0.	.0	2992.0
1	0800	97	80.	57.5	3007.0	*	1	1620	197	54.	10.8	2995.9	*	2	0040	297	0.	.0	2992.0
1	0805	98	79.	56.9	3006.9	*	1	1625	198	53.	10.4	2995.8	*	2	0045	298	0.	.0	2992.0
1	0810	99	79.	56.4	3006.8	*	1	1630	199	53.	10.0	2995.7	*	2	0050	299	0.	.0	2992.0
1	0815	100	79.	55.8	3006.7	*	1	1635	200	53.	9.7	2995.6	*	2	0055	300	0.	.0	2992.0
						*							*						

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
	(CFS)				
+ 84.	5.83	80.	46.	45.	45.
	(INCHES)	.733	1.702	1.702	1.702
	(AC-FT)	40.	92.	92.	92.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
69.	5.83	58.	23.	22.	22.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
3009.08	5.83	3007.12	2998.42	2998.19	2998.19

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *RDB2
PLAN 1, RATIO = .54

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
							*								*							
1		0000	1	0.	.0	2992.0	*	1		0820	101	55.	12.2	2996.4	*	1		1640	201	0.	.0	2992.0
1		0005	2	0.	.0	2992.0	*	1		0825	102	55.	11.8	2996.3	*	1		1645	202	0.	.0	2992.0
1		0010	3	0.	.0	2992.0	*	1		0830	103	54.	11.5	2996.2	*	1		1650	203	0.	.0	2992.0
1		0015	4	0.	.0	2992.0	*	1		0835	104	54.	11.1	2996.0	*	1		1655	204	0.	.0	2992.0
1		0020	5	0.	.0	2992.0	*	1		0840	105	54.	10.7	2995.9	*	1		1700	205	0.	.0	2992.0
1		0025	6	0.	.0	2992.0	*	1		0845	106	53.	10.4	2995.8	*	1		1705	206	0.	.0	2992.0
1		0030	7	0.	.0	2992.0	*	1		0850	107	53.	10.0	2995.7	*	1		1710	207	0.	.0	2992.0
1		0035	8	0.	.0	2992.0	*	1		0855	108	53.	9.6	2995.6	*	1		1715	208	0.	.0	2992.0
1		0040	9	0.	.0	2992.0	*	1		0900	109	52.	9.3	2995.5	*	1		1720	209	0.	.0	2992.0
1		0045	10	0.	.0	2992.0	*	1		0905	110	52.	8.9	2995.4	*	1		1725	210	0.	.0	2992.0
1		0050	11	0.	.0	2992.0	*	1		0910	111	52.	8.5	2995.3	*	1		1730	211	0.	.0	2992.0
1		0055	12	0.	.0	2992.0	*	1		0915	112	52.	8.2	2995.2	*	1		1735	212	0.	.0	2992.0
1		0100	13	0.	.0	2992.0	*	1		0920	113	51.	7.8	2995.1	*	1		1740	213	0.	.0	2992.0
1		0105	14	0.	.0	2992.0	*	1		0925	114	51.	7.5	2995.0	*	1		1745	214	0.	.0	2992.0
1		0110	15	0.	.0	2992.0	*	1		0930	115	50.	7.1	2994.8	*	1		1750	215	0.	.0	2992.0
1		0115	16	0.	.0	2992.0	*	1		0935	116	50.	6.8	2994.7	*	1		1755	216	0.	.0	2992.0
1		0120	17	0.	.0	2992.0	*	1		0940	117	50.	6.4	2994.6	*	1		1800	217	0.	.0	2992.0
1		0125	18	0.	.0	2992.0	*	1		0945	118	49.	6.1	2994.4	*	1		1805	218	0.	.0	2992.0
1		0130	19	0.	.0	2992.0	*	1		0950	119	49.	5.8	2994.3	*	1		1810	219	0.	.0	2992.0
1		0135	20	0.	.0	2992.0	*	1		0955	120	48.	5.4	2994.2	*	1		1815	220	0.	.0	2992.0
1		0140	21	1.	.0	2992.0	*	1		1000	121	48.	5.1	2994.0	*	1		1820	221	0.	.0	2992.0

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1	0145	22	1.	.0	2992.0	*	1	1005	122	47.	4.8	2993.9	*	1	1825	222	0.	.0	2992.0
1	0150	23	1.	.0	2992.0	*	1	1010	123	47.	4.4	2993.8	*	1	1830	223	0.	.0	2992.0
1	0155	24	1.	.1	2992.0	*	1	1015	124	47.	4.1	2993.7	*	1	1835	224	0.	.0	2992.0
1	0200	25	1.	.1	2992.0	*	1	1020	125	46.	3.8	2993.6	*	1	1840	225	0.	.0	2992.0
1	0205	26	1.	.1	2992.0	*	1	1025	126	46.	3.5	2993.4	*	1	1845	226	0.	.0	2992.0
1	0210	27	1.	.1	2992.0	*	1	1030	127	45.	3.2	2993.3	*	1	1850	227	0.	.0	2992.0
1	0215	28	2.	.1	2992.0	*	1	1035	128	45.	2.9	2993.2	*	1	1855	228	0.	.0	2992.0
1	0220	29	2.	.1	2992.0	*	1	1040	129	45.	2.5	2993.1	*	1	1900	229	0.	.0	2992.0
1	0225	30	3.	.1	2992.1	*	1	1045	130	43.	2.2	2993.0	*	1	1905	230	0.	.0	2992.0
1	0230	31	3.	.2	2992.1	*	1	1050	131	37.	2.0	2992.8	*	1	1910	231	0.	.0	2992.0
1	0235	32	4.	.2	2992.1	*	1	1055	132	33.	1.7	2992.7	*	1	1915	232	0.	.0	2992.0
1	0240	33	5.	.2	2992.1	*	1	1100	133	29.	1.5	2992.6	*	1	1920	233	0.	.0	2992.0
1	0245	34	5.	.3	2992.1	*	1	1105	134	25.	1.3	2992.6	*	1	1925	234	0.	.0	2992.0
1	0250	35	6.	.3	2992.1	*	1	1110	135	22.	1.2	2992.5	*	1	1930	235	0.	.0	2992.0
1	0255	36	7.	.4	2992.2	*	1	1115	136	19.	1.0	2992.4	*	1	1935	236	0.	.0	2992.0
1	0300	37	8.	.4	2992.2	*	1	1120	137	17.	.9	2992.4	*	1	1940	237	0.	.0	2992.0
1	0305	38	9.	.5	2992.2	*	1	1125	138	15.	.8	2992.3	*	1	1945	238	0.	.0	2992.0
1	0310	39	11.	.6	2992.2	*	1	1130	139	13.	.7	2992.3	*	1	1950	239	0.	.0	2992.0
1	0315	40	13.	.7	2992.3	*	1	1135	140	12.	.6	2992.3	*	1	1955	240	0.	.0	2992.0
1	0320	41	19.	1.0	2992.4	*	1	1140	141	10.	.5	2992.2	*	1	2000	241	0.	.0	2992.0
1	0325	42	27.	1.4	2992.6	*	1	1145	142	9.	.5	2992.2	*	1	2005	242	0.	.0	2992.0
1	0330	43	41.	2.2	2992.9	*	1	1150	143	8.	.4	2992.2	*	1	2010	243	0.	.0	2992.0
1	0335	44	46.	3.2	2993.3	*	1	1155	144	7.	.4	2992.2	*	1	2015	244	0.	.0	2992.0
1	0340	45	47.	4.6	2993.8	*	1	1200	145	6.	.3	2992.1	*	1	2020	245	0.	.0	2992.0
1	0345	46	49.	6.1	2994.4	*	1	1205	146	5.	.3	2992.1	*	1	2025	246	0.	.0	2992.0
1	0350	47	51.	7.7	2995.0	*	1	1210	147	5.	.2	2992.1	*	1	2030	247	0.	.0	2992.0
1	0355	48	52.	9.4	2995.5	*	1	1215	148	4.	.2	2992.1	*	1	2035	248	0.	.0	2992.0
1	0400	49	54.	10.9	2996.0	*	1	1220	149	4.	.2	2992.1	*	1	2040	249	0.	.0	2992.0
1	0405	50	55.	12.4	2996.5	*	1	1225	150	3.	.2	2992.1	*	1	2045	250	0.	.0	2992.0
1	0410	51	56.	13.8	2996.9	*	1	1230	151	3.	.1	2992.1	*	1	2050	251	0.	.0	2992.0
1	0415	52	57.	15.1	2997.2	*	1	1235	152	2.	.1	2992.1	*	1	2055	252	0.	.0	2992.0
1	0420	53	58.	16.2	2997.6	*	1	1240	153	2.	.1	2992.0	*	1	2100	253	0.	.0	2992.0
1	0425	54	59.	17.1	2997.8	*	1	1245	154	2.	.1	2992.0	*	1	2105	254	0.	.0	2992.0
1	0430	55	59.	17.9	2998.1	*	1	1250	155	2.	.1	2992.0	*	1	2110	255	0.	.0	2992.0
1	0435	56	60.	18.6	2998.3	*	1	1255	156	1.	.1	2992.0	*	1	2115	256	0.	.0	2992.0
1	0440	57	61.	19.2	2998.5	*	1	1300	157	1.	.1	2992.0	*	1	2120	257	0.	.0	2992.0
1	0445	58	61.	19.8	2998.7	*	1	1305	158	1.	.1	2992.0	*	1	2125	258	0.	.0	2992.0
1	0450	59	61.	20.4	2998.8	*	1	1310	159	1.	.1	2992.0	*	1	2130	259	0.	.0	2992.0
1	0455	60	62.	20.9	2999.0	*	1	1315	160	1.	.0	2992.0	*	1	2135	260	0.	.0	2992.0
1	0500	61	62.	21.4	2999.1	*	1	1320	161	1.	.0	2992.0	*	1	2140	261	0.	.0	2992.0
1	0505	62	63.	21.9	2999.3	*	1	1325	162	1.	.0	2992.0	*	1	2145	262	0.	.0	2992.0
1	0510	63	63.	22.2	2999.4	*	1	1330	163	1.	.0	2992.0	*	1	2150	263	0.	.0	2992.0
1	0515	64	63.	22.6	2999.5	*	1	1335	164	0.	.0	2992.0	*	1	2155	264	0.	.0	2992.0
1	0520	65	63.	22.8	2999.6	*	1	1340	165	0.	.0	2992.0	*	1	2200	265	0.	.0	2992.0
1	0525	66	64.	23.0	2999.6	*	1	1345	166	0.	.0	2992.0	*	1	2205	266	0.	.0	2992.0
1	0530	67	64.	23.1	2999.6	*	1	1350	167	0.	.0	2992.0	*	1	2210	267	0.	.0	2992.0
1	0535	68	64.	23.1	2999.6	*	1	1355	168	0.	.0	2992.0	*	1	2215	268	0.	.0	2992.0
1	0540	69	64.	23.1	2999.6	*	1	1400	169	0.	.0	2992.0	*	1	2220	269	0.	.0	2992.0
1	0545	70	64.	23.0	2999.6	*	1	1405	170	0.	.0	2992.0	*	1	2225	270	0.	.0	2992.0
1	0550	71	64.	22.8	2999.6	*	1	1410	171	0.	.0	2992.0	*	1	2230	271	0.	.0	2992.0
1	0555	72	63.	22.7	2999.5	*	1	1415	172	0.	.0	2992.0	*	1	2235	272	0.	.0	2992.0
1	0600	73	63.	22.5	2999.4	*	1	1420	173	0.	.0	2992.0	*	1	2240	273	0.	.0	2992.0
1	0605	74	63.	22.2	2999.4	*	1	1425	174	0.	.0	2992.0	*	1	2245	274	0.	.0	2992.0
1	0610	75	63.	22.0	2999.3	*	1	1430	175	0.	.0	2992.0	*	1	2250	275	0.	.0	2992.0
1	0615	76	63.	21.7	2999.2	*	1	1435	176	0.	.0	2992.0	*	1	2255	276	0.	.0	2992.0
1	0620	77	62.	21.4	2999.1	*	1	1440	177	0.	.0	2992.0	*	1	2300	277	0.	.0	2992.0
1	0625	78	62.	21.0	2999.0	*	1	1445	178	0.	.0	2992.0	*	1	2305	278	0.	.0	2992.0
1	0630	79	62.	20.7	2998.9	*	1	1450	179	0.	.0	2992.0	*	1	2310	279	0.	.0	2992.0
1	0635	80	61.	20.3	2998.8	*	1	1455	180	0.	.0	2992.0	*	1	2315	280	0.	.0	2992.0
1	0640	81	61.	20.0	2998.7	*	1	1500	181	0.	.0	2992.0	*	1	2320	281	0.	.0	2992.0
1	0645	82	61.	19.6	2998.6	*	1	1505	182	0.	.0	2992.0	*	1	2325	282	0.	.0	2992.0
1	0650	83	61.	19.2	2998.5	*	1	1510	183	0.	.0	2992.0	*	1	2330	283	0.	.0	2992.0
1	0655	84	60.	18.8	2998.4	*	1	1515	184	0.	.0	2992.0	*	1	2335	284	0.	.0	2992.0
1	0700	85	60.	18.4	2998.2	*	1	1520	185	0.	.0	2992.0	*	1	2340	285	0.	.0	2992.0
1	0705	86	60.	18.0	2998.1	*	1	1525	186	0.	.0	2992.0	*	1	2345	286	0.	.0	2992.0
1	0710	87	59.	17.7	2998.0	*	1	1530	187	0.	.0	2992.0	*	1	2350	287	0.	.0	2992.0
1	0715	88	59.	17.3	2997.9	*	1	1535	188	0.	.0	2992.0	*	1	2355	288	0.	.0	2992.0
1	0720	89	59.	16.9	2997.8	*	1	1540	189	0.	.0	2992.0	*	2	0000	289	0.	.0	2992.0
1	0725	90	58.	16.5	2997.7	*	1	1545	190	0.	.0	2992.0	*	2	0005	290	0.	.0	2992.0
1	0730	91	58.	16.1	2997.5	*	1	1550	191	0.	.0	2992.0	*	2	0010	291	0.	.0	2992.0
1	0735	92	58.	15.7	2997.4	*	1	1555	192	0.	.0	2992.0	*	2	0015	292	0.	.0	2992.0
1	0740	93	57.	15.3	2997.3	*	1	1600	193	0.	.0	2992.0	*	2	0020	293	0.	.0	2992.0
1	0745	94	57.	14.9	2997.2	*	1	1605	194	0.	.0	2992.0	*	2	0025	294	0.	.0	2992.0
1	0750	95	57.	14.5	2997.1	*	1	1610	195	0.	.0	2992.0	*	2	0030	295	0.	.0	2992.0
1	0755	96	56.	14.1	2997.0	*	1	1615	196	0.	.0	2992.0	*	2	0035	296	0.	.0	2992.0
1	0800	97	56.	13.7	2996.8	*	1	1620	197	0.	.0	2992.0	*	2	0040	297	0.	.0	2992.0
1	0805	98	56.	13.4	2996.7	*	1	1625	198	0.	.0	2992.0	*	2	0045	298	0.	.0	2992.0
1	0810	99	55.	13.0	2996.6	*	1	1630	199	0.	.0	2992.0	*	2	0050	299	0.	.0	2992.0
1	0815	100	55.	12.6	2996.5	*	1	1635	200	0.	.0	2992.0	*	2	0055	300	0.	.0	2992.0
						*							*						

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 64.	5.58		58.	19.	18.	18.
		(INCHES)	.531	.681	.681	.681
		(AC-FT)	29.	37.	37.	37.

```
 PEAK STORAGE   TIME                          MAXIMUM AVERAGE STORAGE
                                    6-HR        24-HR        72-HR      24.92-HR
+  (AC-FT)      (HR)
       23.      5.58                 16.           4.           4.           4.

  PEAK STAGE    TIME                           MAXIMUM AVERAGE STAGE
                                    6-HR        24-HR        72-HR      24.92-HR
+   (FEET)      (HR)
   2999.64      5.58              2997.51     2993.50      2993.45      2993.45

                        CUMULATIVE AREA =    1.01 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


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           *            *
 229 KK    *     *OFF1  *
           *            *
           **************

 232 KO          OUTPUT CONTROL VARIABLES
                      IPRNT           3  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE

              SUBBASIN RUNOFF DATA

 233 BA           SUBBASIN CHARACTERISTICS
                      TAREA         .43  SUBBASIN AREA

                  PRECIPITATION DATA

 219 PB               STORM        3.00  BASIN TOTAL PRECIPITATION

  33 PI             INCREMENTAL PRECIPITATION PATTERN
                      .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                      .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                      .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                      .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                      .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                      .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00

 234 LS           SCS LOSS RATE
                      STRTL         .30  INITIAL ABSTRACTION
                     CRVNBR       86.80  CURVE NUMBER
                      RTIMP         .00  PERCENT IMPERVIOUS AREA

 235 UD           SCS DIMENSIONLESS UNITGRAPH
                       TLAG         .42  LAG

                                                    ***

                                                UNIT HYDROGRAPH
                                             27 END-OF-PERIOD ORDINATES
                39.      119.      248.      380.      445.      446.      397.      330.      239.      173.
               128.       98.       73.       54.       40.       30.       22.       17.       12.        9.
                 7.        5.        4.        3.        2.        1.        1.

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.28, TOTAL EXCESS =    1.72

 PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR        24-HR        72-HR      24.92-HR
+   (CFS)       (HR)
                        (CFS)
+     399.      3.83                 79.          20.          19.          19.
                      (INCHES)     1.721        1.724        1.724        1.724
                       (AC-FT)       39.          39.          39.          39.

                       CUMULATIVE AREA =     .43 SQ MI


      ***            ***            ***            ***            ***

                       HYDROGRAPH AT STATION    *OFF1
                         FOR PLAN 1, RATIO = 1.00

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.28, TOTAL EXCESS =    1.72

 PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR        24-HR        72-HR      24.92-HR
+   (CFS)       (HR)
                        (CFS)
```

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                                                                                                                                PRO
+     399.      3.83                    79.          20.          19.          19.
                                (INCHES)     1.721        1.724        1.724        1.724
                                 (AC-FT)       39.          39.          39.          39.

                                CUMULATIVE AREA =     .43 SQ MI


       ***             ***             ***             ***             ***

                              HYDROGRAPH AT STATION    *OFF1
                                FOR PLAN 1, RATIO =  .99

     TOTAL RAINFALL =    2.97, TOTAL LOSS =    1.27, TOTAL EXCESS =    1.70

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR        24-HR        72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     393.      3.83                    78.          20.          19.          19.
                                (INCHES)     1.695        1.698        1.698        1.698
                                 (AC-FT)       39.          39.          39.          39.

                                CUMULATIVE AREA =     .43 SQ MI


       ***             ***             ***             ***             ***

                              HYDROGRAPH AT STATION    *OFF1
                                FOR PLAN 1, RATIO =  .98

     TOTAL RAINFALL =    2.92, TOTAL LOSS =    1.27, TOTAL EXCESS =    1.66

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR        24-HR        72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     385.      3.83                    76.          19.          18.          18.
                                (INCHES)     1.656        1.659        1.659        1.659
                                 (AC-FT)       38.          38.          38.          38.

                                CUMULATIVE AREA =     .43 SQ MI


       ***             ***             ***             ***             ***

                              HYDROGRAPH AT STATION    *OFF1
                                FOR PLAN 1, RATIO =  .95

     TOTAL RAINFALL =    2.85, TOTAL LOSS =    1.26, TOTAL EXCESS =    1.59

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR        24-HR        72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     370.      3.83                    73.          18.          18.          18.
                                (INCHES)     1.592        1.594        1.594        1.594
                                 (AC-FT)       36.          36.          36.          36.

                                CUMULATIVE AREA =     .43 SQ MI


       ***             ***             ***             ***             ***

                              HYDROGRAPH AT STATION    *OFF1
                                FOR PLAN 1, RATIO =  .54

     TOTAL RAINFALL =    1.62, TOTAL LOSS =    1.01, TOTAL EXCESS =     .61

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR        24-HR        72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     143.      3.92                    28.           7.           7.           7.
                                (INCHES)      .610         .610         .610         .610
                                 (AC-FT)       14.          14.          14.          14.

                                CUMULATIVE AREA =     .43 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


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            *            *
  236 KK    *     *OFF2  *
            *            *
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 239 KO          OUTPUT CONTROL VARIABLES
                       IPRNT           3  PRINT CONTROL
                       IPLOT           0  PLOT CONTROL
                       QSCAL          0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

 240 BA          SUBBASIN CHARACTERISTICS
                       TAREA         .04  SUBBASIN AREA

                 PRECIPITATION DATA

 219 PB                STORM        3.00  BASIN TOTAL PRECIPITATION

  33 PI            INCREMENTAL PRECIPITATION PATTERN
                       .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                       .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                       .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                       .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                       .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                       .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                       .00       .00

 241 LS          SCS LOSS RATE
                       STRTL         .44  INITIAL ABSTRACTION
                      CRVNBR       81.80  CURVE NUMBER
                       RTIMP         .00  PERCENT IMPERVIOUS AREA

 242 UD          SCS DIMENSIONLESS UNITGRAPH
                        TLAG         .15  LAG

                                                                  ***

                                                          UNIT HYDROGRAPH
                                                      11 END-OF-PERIOD ORDINATES
                37.      100.       91.       48.       24.       12.        6.        3.        1.        1.
                 0.

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.63, TOTAL EXCESS =    1.37

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      49.      3.58                   6.          2.          1.           1.
                       (INCHES)     1.366       1.366       1.366        1.366
                        (AC-FT)        3.          3.          3.           3.

                        CUMULATIVE AREA =     .04 SQ MI


       ***            ***            ***            ***            ***

                         HYDROGRAPH AT STATION    *OFF2
                           FOR PLAN 1, RATIO = 1.00

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.63, TOTAL EXCESS =    1.37

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      49.      3.58                   6.          2.          1.           1.
                       (INCHES)     1.366       1.366       1.366        1.366
                        (AC-FT)        3.          3.          3.           3.

                        CUMULATIVE AREA =     .04 SQ MI


       ***            ***            ***            ***            ***

                         HYDROGRAPH AT STATION    *OFF2
                           FOR PLAN 1, RATIO =  .99

    TOTAL RAINFALL =    2.97, TOTAL LOSS =    1.63, TOTAL EXCESS =    1.34

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      48.      3.58                   6.          2.          1.           1.
                       (INCHES)     1.342       1.342       1.342        1.342
                        (AC-FT)        3.          3.          3.           3.

                        CUMULATIVE AREA =     .04 SQ MI
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*** *** *** *** ***

HYDROGRAPH AT STATION *OFF2
FOR PLAN 1, RATIO = .98

TOTAL RAINFALL = 2.92, TOTAL LOSS = 1.62, TOTAL EXCESS = 1.31

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
(CFS)	(HR)				
		(CFS)			
47.	3.58	6.	1.	1.	1.
		(INCHES) 1.307	1.307	1.307	1.307
		(AC-FT) 3.	3.	3.	3.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF2
FOR PLAN 1, RATIO = .95

TOTAL RAINFALL = 2.85, TOTAL LOSS = 1.60, TOTAL EXCESS = 1.25

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
(CFS)	(HR)				
		(CFS)			
45.	3.58	6.	1.	1.	1.
		(INCHES) 1.249	1.249	1.249	1.249
		(AC-FT) 3.	3.	3.	3.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF2
FOR PLAN 1, RATIO = .54

TOTAL RAINFALL = 1.62, TOTAL LOSS = 1.21, TOTAL EXCESS = .41

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
(CFS)	(HR)				
		(CFS)			
14.	3.58	2.	0.	0.	0.
		(INCHES) .406	.406	.406	.406
		(AC-FT) 1.	1.	1.	1.

CUMULATIVE AREA = .04 SQ MI

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 248 LS          SCS LOSS RATE
                      STRTL         .27  INITIAL ABSTRACTION
                     CRVNBR       88.00  CURVE NUMBER
                      RTIMP         .00  PERCENT IMPERVIOUS AREA

 249 UD          SCS DIMENSIONLESS UNITGRAPH
                       TLAG         .11  LAG

                                                          ***

                                                    UNIT HYDROGRAPH
                                                 9 END-OF-PERIOD ORDINATES
                47.       82.       43.       17.        7.        3.        1.        1.        0.

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      41.      3.50                   5.          1.          1.          1.
                       (INCHES)     1.818       1.818       1.818       1.818
                        (AC-FT)        3.          3.          3.          3.

                       CUMULATIVE AREA =     .03 SQ MI


      ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF3
                          FOR PLAN 1, RATIO = 1.00

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      41.      3.50                   5.          1.          1.          1.
                       (INCHES)     1.818       1.818       1.818       1.818
                        (AC-FT)        3.          3.          3.          3.

                       CUMULATIVE AREA =     .03 SQ MI


      ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF3
                          FOR PLAN 1, RATIO =  .99

    TOTAL RAINFALL =    2.97, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.79

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      40.      3.50                   5.          1.          1.          1.
                       (INCHES)     1.791       1.792       1.792       1.792
                        (AC-FT)        2.          2.          2.          2.

                       CUMULATIVE AREA =     .03 SQ MI


      ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF3
                          FOR PLAN 1, RATIO =  .98

    TOTAL RAINFALL =    2.92, TOTAL LOSS =    1.17, TOTAL EXCESS =    1.75

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      39.      3.50                   5.          1.          1.          1.
                       (INCHES)     1.752       1.752       1.752       1.752
                        (AC-FT)        2.          2.          2.          2.

                       CUMULATIVE AREA =     .03 SQ MI


      ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF3
                          FOR PLAN 1, RATIO =  .95

    TOTAL RAINFALL =    2.85, TOTAL LOSS =    1.16, TOTAL EXCESS =    1.69

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
```

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                                                                                PRO
                                        6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      38.      3.58                     5.          1.          1.           1.
                        (INCHES)     1.685       1.685       1.685        1.685
                         (AC-FT)        2.          2.          2.           2.

                         CUMULATIVE AREA =     .03 SQ MI


       ***            ***            ***            ***            ***

                          HYDROGRAPH AT STATION    *OFF3
                            FOR PLAN 1, RATIO =  .54

     TOTAL RAINFALL =    1.62, TOTAL LOSS =     .95, TOTAL EXCESS =     .67

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                        6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      16.      3.58                     2.          0.          0.           0.
                        (INCHES)      .670        .670        .670         .670
                         (AC-FT)        1.          1.          1.           1.

                         CUMULATIVE AREA =     .03 SQ MI



*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


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            *            *
  253 KK    *     *OFF4  *
            *            *
            **************

  256 KO          OUTPUT CONTROL VARIABLES
                        IPRNT           3  PRINT CONTROL
                        IPLOT           0  PLOT CONTROL
                        QSCAL          0.  HYDROGRAPH PLOT SCALE

                SUBBASIN RUNOFF DATA

  257 BA          SUBBASIN CHARACTERISTICS
                        TAREA         .06  SUBBASIN AREA

                  PRECIPITATION DATA

  219 PB                STORM        3.00  BASIN TOTAL PRECIPITATION

   33 PI            INCREMENTAL PRECIPITATION PATTERN
                        .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                        .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                        .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                        .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                        .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                        .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                        .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                        .00       .00

  258 LS          SCS LOSS RATE
                        STRTL         .27  INITIAL ABSTRACTION
                       CRVNBR       88.00  CURVE NUMBER
                        RTIMP         .00  PERCENT IMPERVIOUS AREA

  259 UD          SCS DIMENSIONLESS UNITGRAPH
                         TLAG         .13  LAG

                                                                  ***

                                                          UNIT HYDROGRAPH
                                                      10 END-OF-PERIOD ORDINATES
                 69.      160.      122.       53.       25.       12.        5.        2.        1.        0.

     TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                        6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      90.      3.58                    11.          3.          3.           3.
                        (INCHES)     1.818       1.818       1.818        1.818
                         (AC-FT)        6.          6.          6.           6.

                         CUMULATIVE AREA =     .06 SQ MI
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*** *** *** *** ***

HYDROGRAPH AT STATION *OFF4
FOR PLAN 1, RATIO = 1.00

TOTAL RAINFALL = 3.00, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.82

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 90.	3.58	11.	3.	3.	3.
		(INCHES) 1.818	1.818	1.818	1.818
		(AC-FT) 6.	6.	6.	6.

CUMULATIVE AREA = .06 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF4
FOR PLAN 1, RATIO = .99

TOTAL RAINFALL = 2.97, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.79

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 89.	3.58	11.	3.	3.	3.
		(INCHES) 1.791	1.792	1.792	1.792
		(AC-FT) 6.	6.	6.	6.

CUMULATIVE AREA = .06 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF4
FOR PLAN 1, RATIO = .98

TOTAL RAINFALL = 2.92, TOTAL LOSS = 1.17, TOTAL EXCESS = 1.75

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 87.	3.58	11.	3.	3.	3.
		(INCHES) 1.751	1.752	1.752	1.752
		(AC-FT) 5.	5.	5.	5.

CUMULATIVE AREA = .06 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF4
FOR PLAN 1, RATIO = .95

TOTAL RAINFALL = 2.85, TOTAL LOSS = 1.16, TOTAL EXCESS = 1.69

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 84.	3.58	11.	3.	3.	3.
		(INCHES) 1.685	1.685	1.685	1.685
		(AC-FT) 5.	5.	5.	5.

CUMULATIVE AREA = .06 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF4
FOR PLAN 1, RATIO = .54

TOTAL RAINFALL = 1.62, TOTAL LOSS = .95, TOTAL EXCESS = .67

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 35.	3.58	4.	1.	1.	1.
		(INCHES) .670	.670	.670	.670
		(AC-FT) 2.	2.	2.	2.

CUMULATIVE AREA = .06 SQ MI

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          **************
          *            *
260 KK    *     *OFF5  *
          *            *
          **************

263 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          3  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL         0.  HYDROGRAPH PLOT SCALE

              SUBBASIN RUNOFF DATA

264 BA          SUBBASIN CHARACTERISTICS
                     TAREA        .26  SUBBASIN AREA

                PRECIPITATION DATA

219 PB               STORM       3.00  BASIN TOTAL PRECIPITATION

 33 PI            INCREMENTAL PRECIPITATION PATTERN
                    .02      .04      .01      .02      .02      .02      .01      .00      .00      .00
                    .00      .00      .00      .01      .00      .01      .01      .01      .01      .01
                    .01      .00      .00      .00      .00      .01      .02      .01      .01      .00
                    .01      .01      .01      .00      .00      .01      .03      .03      .06      .09
                    .09      .12      .03      .04      .03      .01      .02      .02      .00      .00
                    .01      .01      .01      .02      .02      .01      .01      .02      .01      .01
                    .00      .00      .00      .00      .00      .00      .00      .00      .00      .00
                    .00      .00

265 LS          SCS LOSS RATE
                     STRTL         .27  INITIAL ABSTRACTION
                    CRVNBR       88.00  CURVE NUMBER
                     RTIMP         .00  PERCENT IMPERVIOUS AREA

266 UD          SCS DIMENSIONLESS UNITGRAPH
                      TLAG         .42  LAG

                                                    ***

                                                UNIT HYDROGRAPH
                                            27 END-OF-PERIOD ORDINATES
                24.      72.     151.     231.     269.     268.     238.     196.     141.     102.
                76.      58.      43.      32.      24.      17.      13.      10.       7.       5.
                 4.       3.       2.       2.       1.       1.       0.

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                        6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     252.      3.83                   50.         13.         12.          12.
                         (INCHES)     1.814       1.818       1.818        1.818
                          (AC-FT)       25.         25.         25.          25.

                         CUMULATIVE AREA =     .26 SQ MI


       ***             ***             ***             ***             ***

                          HYDROGRAPH AT STATION    *OFF5
                            FOR PLAN 1, RATIO = 1.00

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                        6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     252.      3.83                   50.         13.         12.          12.
                         (INCHES)     1.814       1.818       1.818        1.818
                          (AC-FT)       25.         25.         25.          25.

                         CUMULATIVE AREA =     .26 SQ MI


       ***             ***             ***             ***             ***

                          HYDROGRAPH AT STATION    *OFF5
                            FOR PLAN 1, RATIO =  .99
```

PRO

TOTAL RAINFALL = 2.97, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.79

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)			
+ 248.	3.83	49.	12.	12.	12.
		(INCHES) 1.788	1.792	1.792	1.792
		(AC-FT) 24.	25.	25.	25.

CUMULATIVE AREA = .26 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF5
FOR PLAN 1, RATIO = .98

TOTAL RAINFALL = 2.92, TOTAL LOSS = 1.17, TOTAL EXCESS = 1.75

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)			
+ 243.	3.83	48.	12.	12.	12.
		(INCHES) 1.748	1.752	1.752	1.752
		(AC-FT) 24.	24.	24.	24.

CUMULATIVE AREA = .26 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF5
FOR PLAN 1, RATIO = .95

TOTAL RAINFALL = 2.85, TOTAL LOSS = 1.16, TOTAL EXCESS = 1.69

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)			
+ 234.	3.83	46.	12.	11.	11.
		(INCHES) 1.682	1.685	1.685	1.685
		(AC-FT) 23.	23.	23.	23.

CUMULATIVE AREA = .26 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF5
FOR PLAN 1, RATIO = .54

TOTAL RAINFALL = 1.62, TOTAL LOSS = .95, TOTAL EXCESS = .67

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)			
+ 94.	3.83	19.	5.	4.	4.
		(INCHES) .670	.670	.670	.670
		(AC-FT) 9.	9.	9.	9.

CUMULATIVE AREA = .26 SQ MI

*** *** *** *

```
 219 PB              STORM        3.00  BASIN TOTAL PRECIPITATION

  33 PI          INCREMENTAL PRECIPITATION PATTERN
                    .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                    .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                    .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                    .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                    .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                    .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                    .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                    .00       .00

 272 LS         SCS LOSS RATE
                     STRTL         .27  INITIAL ABSTRACTION
                    CRVNBR       88.00  CURVE NUMBER
                     RTIMP         .00  PERCENT IMPERVIOUS AREA

 273 UD         SCS DIMENSIONLESS UNITGRAPH
                      TLAG         .12  LAG

                                                          ***

                                                    UNIT HYDROGRAPH
                                                 9 END-OF-PERIOD ORDINATES
              62.      121.       73.       30.       13.        5.        2.        1.        0.

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      62.      3.58                  8.          2.          2.          2.
                       (INCHES)    1.818       1.818       1.818       1.818
                        (AC-FT)       4.          4.          4.          4.

                       CUMULATIVE AREA =     .04 SQ MI


      ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF6
                          FOR PLAN 1, RATIO = 1.00

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      62.      3.58                  8.          2.          2.          2.
                       (INCHES)    1.818       1.818       1.818       1.818
                        (AC-FT)       4.          4.          4.          4.

                       CUMULATIVE AREA =     .04 SQ MI


      ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF6
                          FOR PLAN 1, RATIO =  .99

    TOTAL RAINFALL =    2.97, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.79

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      62.      3.58                  8.          2.          2.          2.
                       (INCHES)    1.791       1.792       1.792       1.792
                        (AC-FT)       4.          4.          4.          4.

                       CUMULATIVE AREA =     .04 SQ MI


      ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF6
                          FOR PLAN 1, RATIO =  .98

    TOTAL RAINFALL =    2.92, TOTAL LOSS =    1.17, TOTAL EXCESS =    1.75

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      60.      3.58                  8.          2.          2.          2.
                       (INCHES)    1.751       1.752       1.752       1.752
```

PRO

(AC-FT) 4. 4. 4. 4.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF6
FOR PLAN 1, RATIO = .95

TOTAL RAINFALL = 2.85, TOTAL LOSS = 1.16, TOTAL EXCESS = 1.69

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 58.	3.58	7.	2.	2.	2.
		(INCHES) 1.685	1.685	1.685	1.685
		(AC-FT) 4.	4.	4.	4.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF6
FOR PLAN 1, RATIO = .54

TOTAL RAINFALL = 1.62, TOTAL LOSS = .95, TOTAL EXCESS = .67

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 24.	3.58	3.	1.	1.	1.
		(INCHES) .670	.670	.670	.670
		(AC-FT) 1.	1.	1.	1.

CUMULATIVE AREA = .04 SQ MI

1

PEAK FLOW AND STAGE (END-OF-PERIOD) SUMMARY FOR MULTIPLE PLAN-RATIO ECONOMIC COMPUTATIONS
FLOWS IN CUBIC FEET PER SECOND, AREA IN SQUARE MILES
TIME TO PEAK IN HOURS

					RATIOS APPLIED TO PRECIPITATION				
OPERATION	STATION	AREA	PLAN		RATIO 1	RATIO 2	RATIO 3	RATIO 4	RATIO 5
					1.00	.99	.98	.95	.54
HYDROGRAPH AT									
+	*OFF7	.01	1	FLOW	9.	9.	9.	9.	4.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*OFF8	.21	1	FLOW	244.	241.	236.	227.	93.
				TIME	3.75	3.75	3.75	3.75	3.75
2 COMBINED AT									
+	*CP2	.22	1	FLOW	249.	245.	240.	232.	95.
				TIME	3.75	3.75	3.75	3.75	3.75
HYDROGRAPH AT									
+	*OFF9	.11	1	FLOW	153.	151.	148.	142.	58.
				TIME	3.58	3.58	3.58	3.58	3.67
2 COMBINED AT									
+	*CP2a	.33	1	FLOW	395.	390.	382.	368.	148.
				TIME	3.67	3.67	3.67	3.67	3.67
HYDROGRAPH AT									
+	*OFF10	.65	1	FLOW	508.	501.	490.	472.	191.
				TIME	4.08	4.08	4.08	4.08	4.08
HYDROGRAPH AT									
+	*ON2	.03	1	FLOW	66.	65.	64.	62.	31.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	*DB2	1.01	1	FLOW	774.	763.	746.	719.	290.
				TIME	3.83	3.83	3.83	3.83	3.83
ROUTED TO									
+	*RDB2	1.01	1	FLOW	86.	86.	85.	84.	64.
				TIME	5.83	5.83	5.83	5.83	5.58
				** PEAK STAGES IN FEET **					
			1	STAGE	3010.16	3009.97	3009.63	3009.08	2999.64

							PRO		
				TIME	5.83	5.83	5.83	5.83	5.58
HYDROGRAPH AT									
+	EX1	.11	1	FLOW	163.	161.	157.	152.	63.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	STR2	.01	1	FLOW	13.	13.	13.	12.	7.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	CP1	1.13	1	FLOW	230.	227.	224.	217.	114.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	EX9	.02	1	FLOW	21.	21.	21.	20.	8.
				TIME	3.75	3.75	3.75	3.75	3.75
HYDROGRAPH AT									
+	STR1	.01	1	FLOW	12.	12.	12.	12.	6.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	EX4	.05	1	FLOW	70.	69.	68.	65.	27.
				TIME	3.58	3.58	3.58	3.58	3.67
HYDROGRAPH AT									
+	EX5	.07	1	FLOW	87.	85.	84.	81.	33.
				TIME	3.67	3.67	3.67	3.67	3.67
5 COMBINED AT									
+	CP2	1.27	1	FLOW	415.	409.	402.	389.	184.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	EX6b	.05	1	FLOW	68.	67.	66.	63.	26.
				TIME	3.67	3.67	3.67	3.67	3.67
DIVERSION TO									
+	DIV1	.05	1	FLOW	34.	34.	33.	32.	13.
				TIME	3.67	3.67	3.67	3.67	3.67
HYDROGRAPH AT									
+	D1	.05	1	FLOW	34.	34.	33.	32.	13.
				TIME	3.67	3.67	3.67	3.67	3.67
HYDROGRAPH AT									
+	STR4	.01	1	FLOW	16.	16.	16.	15.	8.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	EX3a	.02	1	FLOW	35.	34.	34.	32.	13.
				TIME	3.58	3.58	3.58	3.58	3.58
ROUTED TO									
+	REX3a	.02	1	FLOW	34.	33.	32.	31.	13.
				TIME	3.75	3.75	3.75	3.75	3.83
HYDROGRAPH AT									
+	EX2	.09	1	FLOW	139.	137.	134.	129.	53.
				TIME	3.58	3.58	3.58	3.58	3.58
ROUTED TO									
+	REX2	.09	1	FLOW	134.	131.	128.	124.	51.
				TIME	3.67	3.67	3.67	3.67	3.75
HYDROGRAPH AT									
+	STR3	.00	1	FLOW	9.	9.	9.	9.	5.
				TIME	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT									
+	CP4	.12	1	FLOW	180.	176.	173.	166.	69.
				TIME	3.67	3.67	3.67	3.67	3.75
HYDROGRAPH AT									
+	EX6a	.07	1	FLOW	89.	88.	86.	83.	34.
				TIME	3.67	3.67	3.67	3.67	3.67
3 COMBINED AT									
+	CP3	.25	1	FLOW	303.	298.	292.	281.	113.
				TIME	3.67	3.67	3.67	3.67	3.75
HYDROGRAPH AT									
+	*WPF5	.00	1	FLOW	1.	1.	1.	1.	0.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*WML2	.04	1	FLOW	78.	77.	76.	74.	36.
				TIME	3.58	3.58	3.58	3.58	3.58

HYDROGRAPH AT									
+	*WSHA5	.00	1	FLOW	8.	8.	8.	8.	4.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	*WC20	.05	1	FLOW	86.	85.	83.	81.	40.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*WPF4	.01	1	FLOW	19.	18.	18.	18.	9.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*WSHA4	.00	1	FLOW	6.	5.	5.	5.	3.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	RCP6	.06	1	FLOW	106.	105.	103.	100.	49.
				TIME	3.50	3.50	3.50	3.50	3.58
ROUTED TO									
+	RRCP6	.06	1	FLOW	102.	101.	99.	96.	48.
				TIME	3.58	3.58	3.58	3.67	3.67
HYDROGRAPH AT									
+	*OFF1	.43	1	FLOW	399.	393.	385.	370.	143.
				TIME	3.83	3.83	3.83	3.83	3.92
HYDROGRAPH AT									
+	*OFF2	.04	1	FLOW	49.	48.	47.	45.	14.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*OFF3	.03	1	FLOW	41.	40.	39.	38.	16.
				TIME	3.50	3.50	3.50	3.58	3.58
3 COMBINED AT									
+	*DUMMY	.50	1	FLOW	441.	435.	425.	409.	158.
				TIME	3.83	3.83	3.83	3.83	3.83
HYDROGRAPH AT									
+	*OFF4	.06	1	FLOW	90.	89.	87.	84.	35.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*OFF5	.26	1	FLOW	252.	248.	243.	234.	94.
				TIME	3.83	3.83	3.83	3.83	3.83
HYDROGRAPH AT									
+	*OFF6	.04	1	FLOW	62.	62.	60.	58.	24.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*ON1	.03	1	FLOW	49.	49.	48.	46.	23.
				TIME	3.50	3.50	3.50	3.50	3.58
5 COMBINED AT									
+	*DB1	.88	1	FLOW	785.	774.	757.	729.	288.
				TIME	3.75	3.75	3.75	3.75	3.83
ROUTED TO									
+	*RDB1	.88	1	FLOW	71.	71.	71.	70.	57.
				TIME	5.58	5.58	5.58	5.58	5.42
			** PEAK STAGES IN FEET **						
			1	STAGE	3035.28	3035.13	3034.91	3034.53	3028.62
				TIME	5.67	5.58	5.58	5.58	5.42
HYDROGRAPH AT									
+	*SM1	.01	1	FLOW	20.	20.	19.	19.	10.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*SM2	.01	1	FLOW	15.	15.	14.	14.	7.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*SM3	.00	1	FLOW	7.	7.	7.	6.	3.
				TIME	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT									
+	DUMMY	.90	1	FLOW	95.	94.	93.	92.	70.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*WL4A	.01	1	FLOW	23.	23.	22.	21.	10.
				TIME	3.50	3.50	3.50	3.50	3.50

HYDROGRAPH AT									
+	*ON1D	.02	1	FLOW	42.	41.	40.	39.	18.
				TIME	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT									
+	DUMMY	.99	1	FLOW	251.	248.	245.	239.	139.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	EX3b	.03	1	FLOW	44.	43.	42.	41.	17.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	EX7	.03	1	FLOW	46.	45.	44.	43.	18.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	STR5	.00	1	FLOW	10.	10.	9.	9.	5.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	STR7	.00	1	FLOW	4.	4.	4.	3.	2.
				TIME	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT									
+	CP7	1.05	1	FLOW	350.	346.	341.	331.	179.
				TIME	3.58	3.58	3.58	3.58	3.58
ROUTED TO									
+	RCP7	1.05	1	FLOW	348.	346.	337.	329.	175.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	EX8	.01	1	FLOW	20.	20.	19.	19.	8.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	STR6	.01	1	FLOW	19.	19.	18.	18.	10.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	CP8	1.08	1	FLOW	385.	383.	373.	363.	191.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*OFF3	.00	1	FLOW	2.	2.	2.	2.	1.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*D2	.02	1	FLOW	24.	24.	23.	23.	9.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*IOFF4	.01	1	FLOW	9.	9.	9.	9.	3.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	*PARK	.02	1	FLOW	36.	35.	34.	33.	13.
				TIME	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT									
+	CP9	1.10	1	FLOW	417.	414.	404.	393.	203.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	DIV1	.00	1	FLOW	34.	34.	33.	32.	13.
				TIME	3.67	3.67	3.67	3.67	3.67
2 COMBINED AT									
+	RCP3	1.10	1	FLOW	448.	445.	434.	422.	215.
				TIME	3.58	3.58	3.58	3.58	3.58

1

SUMMARY OF KINEMATIC WAVE - MUSKINGUM-CUNGE ROUTING
(FLOW IS DIRECT RUNOFF WITHOUT BASE FLOW)

ISTAQ	ELEMENT	DT	PEAK	TIME TO PEAK	VOLUME	DT	INTERPOLATED TO COMPUTATION INTERVAL PEAK	TIME TO PEAK	VOLUME
		(MIN)	(CFS)	(MIN)	(IN)	(MIN)	(CFS)	(MIN)	(IN)
FOR PLAN = 1 RATIO= .00									
	REX3a MANE	4.25	33.59	225.25	1.82	5.00	33.54	225.00	1.83

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2148E+01 EXCESS= .0000E+00 OUTFLOW= .2158E+01 BASIN STORAGE= .5977E-02 PERCENT ERROR= -.7

FOR PLAN = 1 RATIO= .00

```
                                                                                PRO
      REX3a  MANE          4.25     33.17    225.25      1.80      5.00     33.11    225.00        1.80

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2117E+01 EXCESS= .0000E+00 OUTFLOW= .2126E+01 BASIN STORAGE= .5950E-02 PERCENT ERROR=   -.7

    FOR PLAN = 1  RATIO=  .00
      REX3a  MANE          4.25     32.53    225.25      1.76      5.00     32.46    225.00        1.76

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2070E+01 EXCESS= .0000E+00 OUTFLOW= .2079E+01 BASIN STORAGE= .5909E-02 PERCENT ERROR=   -.7

    FOR PLAN = 1  RATIO=  .00
      REX3a  MANE          4.25     31.46    225.25      1.69      5.00     31.37    225.00        1.69

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1992E+01 EXCESS= .0000E+00 OUTFLOW= .2000E+01 BASIN STORAGE= .5840E-02 PERCENT ERROR=   -.7

    FOR PLAN = 1  RATIO=  .00
      REX3a  MANE          4.25     12.98    225.25       .67      5.00     12.83    230.00         .68

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7908E+00 EXCESS= .0000E+00 OUTFLOW= .7974E+00 BASIN STORAGE= .4816E-02 PERCENT ERROR=  -1.4

    FOR PLAN = 1  RATIO=  .00
       REX2  MANE          4.00    133.81    220.00      1.82      5.00    133.81    220.00        1.82

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8797E+01 EXCESS= .0000E+00 OUTFLOW= .8816E+01 BASIN STORAGE= .5261E-02 PERCENT ERROR=   -.3

    FOR PLAN = 1  RATIO=  .00
       REX2  MANE          4.50    132.77    220.50      1.79      5.00    131.11    220.00        1.80

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8670E+01 EXCESS= .0000E+00 OUTFLOW= .8692E+01 BASIN STORAGE= .6292E-02 PERCENT ERROR=   -.3

    FOR PLAN = 1  RATIO=  .00
       REX2  MANE          4.50    129.94    220.50      1.75      5.00    128.27    220.00        1.76

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8477E+01 EXCESS= .0000E+00 OUTFLOW= .8499E+01 BASIN STORAGE= .6239E-02 PERCENT ERROR=   -.3

    FOR PLAN = 1  RATIO=  .00
       REX2  MANE          4.50    125.21    220.50      1.69      5.00    123.54    220.00        1.69

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8157E+01 EXCESS= .0000E+00 OUTFLOW= .8178E+01 BASIN STORAGE= .6150E-02 PERCENT ERROR=   -.3

    FOR PLAN = 1  RATIO=  .00
       REX2  MANE          4.25     50.85    225.25       .67      5.00     50.74    225.00         .67

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3236E+01 EXCESS= .0000E+00 OUTFLOW= .3245E+01 BASIN STORAGE= .4278E-02 PERCENT ERROR=   -.4

    FOR PLAN = 1  RATIO=  .00
      RRCP6  MANE          4.00    104.92    216.00      2.35      5.00    102.13    215.00        2.35

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7297E+01 EXCESS= .0000E+00 OUTFLOW= .7311E+01 BASIN STORAGE= .3372E-02 PERCENT ERROR=   -.2

    FOR PLAN = 1  RATIO=  .00
      RRCP6  MANE          4.00    103.68    216.00      2.32      5.00    100.90    215.00        2.32

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7207E+01 EXCESS= .0000E+00 OUTFLOW= .7221E+01 BASIN STORAGE= .3355E-02 PERCENT ERROR=   -.2

    FOR PLAN = 1  RATIO=  .00
      RRCP6  MANE          4.00    101.83    216.00      2.28      5.00     99.07    215.00        2.28

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7072E+01 EXCESS= .0000E+00 OUTFLOW= .7086E+01 BASIN STORAGE= .3329E-02 PERCENT ERROR=   -.2

    FOR PLAN = 1  RATIO=  .00
      RRCP6  MANE          4.00     98.74    216.00      2.21      5.00     96.01    220.00        2.21

CONTINUITY SUMMARY (AC-FT) - INFLOW= .6848E+01 EXCESS= .0000E+00 OUTFLOW= .6862E+01 BASIN STORAGE= .3284E-02 PERCENT ERROR=   -.2
```

FOR PLAN = 1 RATIO= .00

RRCP6	MANE	4.75	49.57	218.50	1.05	5.00	48.27	220.00	1.05

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3259E+01 EXCESS= .0000E+00 OUTFLOW= .3268E+01 BASIN STORAGE= .2877E-02 PERCENT ERROR= -.4

FOR PLAN = 1 RATIO= .00

RCP7	MANE	2.49	348.96	214.42	2.45	5.00	347.69	215.00	2.45

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1376E+03 EXCESS= .0000E+00 OUTFLOW= .1376E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCP7	MANE	2.50	346.37	215.16	2.43	5.00	345.92	215.00	2.44

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1369E+03 EXCESS= .0000E+00 OUTFLOW= .1369E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCP7	MANE	2.51	337.30	213.77	2.42	5.00	336.99	215.00	2.42

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1360E+03 EXCESS= .0000E+00 OUTFLOW= .1360E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCP7	MANE	2.54	329.55	215.68	2.39	5.00	328.50	215.00	2.39

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1345E+03 EXCESS= .0000E+00 OUTFLOW= .1345E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCP7	MANE	3.06	177.37	217.04	2.01	5.00	174.66	215.00	2.01

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1134E+03 EXCESS= .0000E+00 OUTFLOW= .1134E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

*** NORMAL END OF HEC-1 ***

Interim Condition

```
1****************************************
 *                                      *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
 *              JUN   1998              *
 *            VERSION 4.1               *
 *                                      *
 *  RUN DATE   06FEB18  TIME  16:05:29  *
 *                                      *
 ****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
****************************************
```

```
X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X               X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X               X
X     X  X        X     X         X
X     X  XXXXXXX   XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL   LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM


```
         LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

*** FREE ***
                   *DIAGRAM
             1     ID     SLATER HANIFAN GROUP
             2     ID     NINETY-FIVE MANAGEMENT, LLC.
             3     ID     SKYE CANYON INFRASTRUCTURE PHASE 3B & 3C
             4     ID     TECHNICAL DRAINAGE STUDY
             5     ID
             6     ID     DRAINAGE CONDITION -- INTERIM CONDITION
             7     ID     RETURN PERIOD ------- 100 & 10-YEAR
             8     ID     DISTRIBUTION -------- 6-HOUR SDN3
             9     ID     PROJECT NO. --------- OLY1609.000
            10     ID     FILENAME ------------ INT.H1
            11     ID     DATE ---------------- JANUARY 2018
            12     ID     MODELED BY ---------- ETM
            13     ID
            14     ID        RETURN PERIOD           RATIO
            15     ID        100-YR                  1.00
            16     ID        10-YR                   0.54
            17     ID
            18     ID        SIX HOUR DEPTH-AREA REDUCTION FACTORS
            19     ID        DRAINAGE AREA (MI^2)    DARF
            20     ID        0.00-0.49               0.990
            21     ID        0.50-0.99               0.975
            22     ID        1.00-1.99               0.950
            23     ID
            24     ID
            25     IT       5       0       0     300
            26     IO       5       0       0
            27     IN       5       0       0
            28     JR    PREC    1.00    0.99   0.975    0.95    0.54
                   *
            29     KK   *OFF7
            30     KM   REFERENCED FROM THE "DB2" STUDY
            31     KM   DISCHARGES INTO DETENTION BASIN "DB2"
            32     PB    3.00
            33     PC       0   0.020   0.057   0.070   0.087   0.108   0.124   0.130   0.130   0.130
            34     PC   0.130   0.130   0.130   0.133   0.140   0.142   0.148   0.158   0.172   0.181
            35     PC   0.190   0.197   0.199   0.200   0.201   0.204   0.214   0.229   0.241   0.249
            36     PC   0.251   0.256   0.270   0.278   0.281   0.283   0.295   0.322   0.352   0.409
            37     PC   0.499   0.590   0.710   0.744   0.781   0.812   0.819   0.835   0.851   0.856
            38     PC   0.860   0.868   0.876   0.888   0.910   0.926   0.937   0.950   0.970   0.976
            39     PC   0.982   0.985   0.987   0.989   0.990   0.993   0.993   0.994   0.995   0.998
            40     PC   0.998   0.999       1
            41     BA   .0058
            42     LS       0    88.0
            43     UD   0.100
                   *
            44     KK   *OFF8
            45     KM   REFERENCED FROM THE "DB2" STUDY
            46     KM   DISCHARGES INTO DETENTION BASIN "DB2"
            47     KO       3
            48     BA   .2122
            49     LS       0    88.0
```

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LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

  50          UD   0.299
              *

  51          KK    *CP2
  52          KM   REFERENCED FROM THE "DB2" STUDY
  53          KM   COMBINE OFF7, AND OFF8
  54          HC       2
              *

  55          KK   *OFF9
  56          KM   REFERENCED FROM THE "DB2" STUDY
  57          KM   DISCHARGES INTO DETENTION BASIN "DB2"
  58          KO       3
  59          BA   .1137
  60          LS       0    88.0
  61          UD   0.200
              *

  62          KK   *CP2a
  63          KM   REFERENCED FROM THE "DB2" STUDY
  64          KM   COMBINE CP2, AND OFF9
  65          HC       2
              *

  66          KK  *OFF10
  67          KM   REFERENCED FROM THE "DB2" STUDY
  68          KM   DISCHARGES INTO DETENTION BASIN "DB2"
  69          KO       3
  70          BA   .6502
  71          LS       0    88.0
  72          UD   0.613
              *

  73          KK    *ON2
  74          KM   REFERENCED FROM THE "DB2" STUDY
  75          KM   DB2 BASIN
  76          BA   .0315
  77          LS       0    94.0
  78          UD   0.083
              *

  79          KK    *DB2
  80          KM   REFERENCED FROM THE "DB2" STUDY
  81          KM   COMBINE CP2a, OFF10 AND ON2
  82          KO       1
  83          HC       3
              *

  84          KK   *RDB2
  85          KM   REFERENCED FROM THE "DB2" STUDY
  86          KM   OUTLET = 25" ORIFICE @ INVERT ELEVATION = 2984.21-FT
  87          KO       1
  88          RS       1    ELEV  2992.0
  89          SV    0.00    2.34    7.60   24.30   46.28   73.78  107.11  146.75  193.03
  90          SE  2992.0  2993.0  2995.0  3000.0  3005.0  3010.0  3015.0  3020.0  3025.0
1                                      HEC-1 INPUT                                        PAGE  3

LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

  91          SQ    0.00   44.44   51.05   64.70   83.84   99.36   520.9  3465.5  7888.4
  92          SE  2992.0  2993.0  2995.0  3000.0  3009.0  3018.0  3019.0  3022.0  3025.0
              *

  93          KK     EX1
  94          KM   OFFSITE BASIN
  95          BA   .1063
  96          PB    3.00
  97          LS       0    88.0
  98          UD   0.144
              *

  99          KK    STR2
 100          KM   STREET BASIN
 101          BA   .0061
 102          PB    3.00
 103          LS       0    98.0
 104          UD   0.102
              *

 105          KK     CP1
 106          KM   COMBINES *RDB2, EX1 AND STR2
 107          HC       3
              *

 108          KK    5.01
 109          KM   ONSITE BASIN
 110          BA   .0292
 111          PB    3.00
 112          LS       0    95.0
 113          UD   0.076
              *
```

```
 114          KK   2.32T
 115          KM   ONSITE BASIN
 116          BA   .0010
 117          PB    3.00
 118          LS       0    84.0
 119          UD   0.089
              *

 120          KK    CP2a
 121          KM   COMBINES CP1, 5.01 AND 2.32T
 122          HC       3
              *

 123          KK     EX9
 124          KM   OFFSITE BASIN
 125          BA   .0187
 126          PB    3.00
 127          LS       0    88.0
 128          UD   0.300
              *
1                                    HEC-1 INPUT                                    PAGE  4

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 129          KK    STR1
 130          KM   STREET BASIN
 131          BA   .0060
 132          PB    3.00
 133          LS       0    98.0
 134          UD   0.119
              *

 135          KK    2.32
 136          KM   ONSITE BASIN
 137          BA   .0317
 138          PB    3.00
 139          LS       0    95.0
 140          UD   0.113
              *

 141          KK    CP2b
 142          KM   COMBINES CP2a, EX9, STR1 AND 2.32
 143          HC       4
              *

 144          KK   2.08b
 145          KM   ONSITE BASIN
 146          BA   .0303
 147          PB    3.00
 148          LS       0    95.0
 149          UD   0.105
              *

 150          KK      D1
 151          KM   DIVERT FLOW TO CONCENTRATION POINT RCP3
 152          DT    DIV1
 153          DI       0    1000
 154          DQ       0     500
              *

 155          KK    STR4
 156          KM   STREET BASIN
 157          BA   .0074
 158          PB    3.00
 159          LS       0    98.0
 160          UD   0.100
              *

 161          KK    EX3a
 162          KM   OFFSITE BASIN
 163          BA   .0222
 164          PB    3.00
 165          LS       0    88.0
 166          UD   0.125
              *
1                                    HEC-1 INPUT                                    PAGE  5

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 167          KK   REX3a
 168          KM   ROUTE EX3 TO CP5
 169          KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
 170          RD    2623    .032    .040       0    TRAP      50       2
              *

 171          KK     EX2
 172          KM   OFFSITE BASIN
 173          BA   .0908
 174          PB    3.00
 175          LS       0    88.0
 176          UD   0.145
```

```
                *

 177            KK    REX2
 178            KM   ROUTE EX2 TO CP4
 179            KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
 180            RD    2499    .031    .040       0    TRAP      50       2
                *

 181            KK    STR3
 182            KM   STREET BASIN
 183            BA   .0044
 184            PB    3.00
 185            LS       0    98.0
 186            UD   0.100
                *

 187            KK     CP4
 188            KM   COMBINES EX3, STR4, EX2 AND STR3
 189            HC       4
                *

 190            KK   2.09T
 191            KM   ONSITE BASIN
 192            BA   .0017
 193            PB    3.00
 194            LS       0    84.0
 195            UD   0.082
                *

 196            KK    2.09
 197            KM   ONSITE BASIN
 198            BA   .0455
 199            PB    3.00
 200            LS       0    92.0
 201            UD   0.126
                *
```



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LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 202            KK    2.31
 203            KM   ONSITE BASIN
 204            BA   .0050
 205            PB    3.00
 206            LS       0    84.0
 207            UD   0.076
                *

 208            KK    CP3a
 209            KM   COMBINES CP4, 2.09T, 2.09 AND 2.31
 210            HC       4
                *

 211            KK   2.08T
 212            KM   ONSITE BASIN
 213            BA   .0018
 214            PB    3.00
 215            LS       0    84.0
 216            UD   0.077
                *

 217            KK   2.08a
 218            KM   ONSITE BASIN
 219            BA   .0246
 220            PB    3.00
 221            LS       0    95.0
 222            UD   0.105
                *

 223            KK    CP3b
 224            KM   COMBINES CP3a, 2.08T AND 2.08a
 225            HC       4
                *

 226            KK      D2
 227            KM   DIVERT FLOW TO CONCENTRATION POINT RCP2a
 228            DT    DIV2
 229            DI       0     317
 230            DQ       0      84
                *

 231            KK     RD2
 232            KM   ROUTE D2 TO CP1
 233            KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
 234            RD    1726    .004    .016       0    TRAP      10       0
                *

 235            KK    SVR1
 236            KM   ONSITE STREET BASIN
 237            BA   .0043
 238            PB    3.00
 239            LS       0    98.0
 240            UD   0.081
```

```
                    *
1                                    HEC-1 INPUT                                    PAGE  7

        LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

         241        KK    SVR2
         242        KM   ONSITE STREET BASIN
         243        BA   .0100
         244        PB    3.00
         245        LS       0    98.0
         246        UD   0.161
                    *

         247        KK   5.01b
         248        KM   ONSITE STREET BASIN
         249        BA   .0317
         250        PB    3.00
         251        LS       0    95.0
         252        UD   0.083
                    *

         253        KK  2.32Tb
         254        KM   ONSITE STREET BASIN
         255        BA   .0010
         256        PB    3.00
         257        LS       0    84.0
         258        UD   0.094
                    *

         259        KK   2.32b
         260        KM   ONSITE STREET BASIN
         261        BA   .0387
         262        PB    3.00
         263        LS       0    95.0
         264        UD   0.131
                    *

         265        KK    CP2c
         266        KM   COMBINES 5.01b, 2.32Tb AND 2.32b
         267        HC       3
                    *

         268        KK    RCP1
         269        KM   COMBINES CP2b, CP2c, CP3b, SVR1 AND SVR2
         270        HC       5
                    *

         271        KK   RRCP1
         272        KM   ROUTE CP1 TO CP10
         273        KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
         274        RD    2156    .030    .040       0    TRAP      45       3
                    *

         275        KK  *2.05a
         276        KM   ONSITE BASIN
         277        BA   .0212
         278        PB    3.00
         279        LS       0    95.0
         280        UD   0.154
                    *
1                                    HEC-1 INPUT                                    PAGE  8

        LINE        ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

         281        KK  *OFF11
         282        KM   OFFSITE BASIN
         283        BA   .0292
         284        PB    3.00
         285        LS       0    88.0
         286        UD   0.218
                    *

         287        KK   RCP10
         288        KM   COMBINES CP1, 2.05a AND OFF11
         289        HC       3
                    *

         290        KK   *STR2
         291        KM   ONSITE STREET BASIN
         292        BA   .0024
         293        PB    3.00
         294        LS       0    98.0
         295        UD   0.068
                    *

         296        KK   *STR3
         297        KM   ONSITE STREET BASIN
         298        BA   .0034
         299        PB    3.00
         300        LS       0    98.0
         301        UD   0.074
                    *
```

```
 302          KK   *2.03
 303          KM   ONSITE BASIN
 304          BA   .0273
 305          PB    3.00
 306          LS       0    95.0
 307          UD   0.120
              *

 308          KK  *2.04b
 309          KM   ONSITE BASIN
 310          BA   .0020
 311          PB    3.00
 312          LS       0    84.0
 313          UD   0.100
              *

 314          KK    *CP4
 315          KM   COMBINES STR2, STR3, 2.03 AND 2.04b
 316          HC       4
              *
1                                    HEC-1 INPUT                                    PAGE  9

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 317          KK   *2.02
 318          KM   ONSITE BASIN
 319          BA   .0279
 320          PB    3.00
 321          LS       0    95.0
 322          UD   0.121
              *

 323          KK   *STR4
 324          KM   ONSITE STREET BASIN
 325          BA   .0030
 326          PB    3.00
 327          LS       0    98.0
 328          UD   0.102
              *

 329          KK    *CP5
 330          KM   COMBINES CP4, 2.02 AND STR4
 331          HC       3
              *

 332          KK  *OFF12
 333          KM   OFFSITE BASIN
 334          BA   .0128
 335          PB    3.00
 336          LS       0    88.0
 337          UD   0.100
              *

 338          KK  *RCP11
 339          KM   COMBINES OFF12 AND CP5
 340          HC       2
              *

 341          KK   *WPF5
 342          KM   WEST BASIN, WEST OF SHAUMBER RD
 343          BA   .0006
 344          PB    3.00
 345          LS       0    86.0
 346          UD   0.052
              *

 347          KK   *WML2
 348          KM   WEST BASIN, WEST OF SHAUMBER ROAD
 349          BA   .0428
 350          PB    3.00
 351          LS       0    93.5
 352          UD   0.142
              *
1                                    HEC-1 INPUT                                    PAGE 10

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 353          KK  *WSHA5
 354          KM   WEST BASIN, SHAUMBER ROAD
 355          BA   .0037
 356          PB    3.00
 357          LS       0    98.0
 358          UD   0.086
              *

 359          KK   *WC20
 360          KM   S OF EAGLE CANYON/SHAUMBER INTERSECTION
 361          KM   COMBINE WPF5, WML2, WSHA5
 362          HC       3
              *
```

```
 363          KK   *WPF4
 364          BA   .0090
 365          PB    3.00
 366          LS       0    94.0
 367          UD   0.087
              *

 368          KK  *WSHA4
 369          BA   .0022
 370          PB    3.00
 371          LS       0    98.0
 372          UD   0.051
              *

 373          KK    RCP6
 374          KM   COMBINES *WC20, *WPF4 AND *WSHA4
 375          HC       3
              *

 376          KK   RRCP6
 377          KM   ROUTE CP6 TO CP7
 378          KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
 379          RD    1751    .037    .040       0    TRAP      50       2
              *

 380          KK   *OFF1
 381          KM   REFERENCED FROM THE "DB1" STUDY
 382          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 383          KO       3
 384          BA   .4291
 385          LS       0    86.8
 386          UD   0.419
              *

 387          KK   *OFF2
 388          KM   REFERENCED FROM THE "DB1" STUDY
 389          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 390          KO       3
 391          BA   .0419
 392          LS       0    81.8
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 393          UD   0.154
              *

 394          KK   *OFF3
 395          KM   REFERENCED FROM THE "DB1" STUDY
 396          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 397          KO       3
 398          BA   .0259
 399          LS       0    88.0
 400          UD   0.110
              *

 401          KK  *DUMMY
 402          KM   COMBINE OFF1, OFF2, AND OFF3
 403          HC       3
              *

 404          KK   *OFF4
 405          KM   REFERENCED FROM THE "DB1" STUDY
 406          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 407          KO       3
 408          BA   .0581
 409          LS       0    88.0
 410          UD   0.134
              *

 411          KK   *OFF5
 412          KM   REFERENCED FROM THE "DB1" STUDY
 413          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 414          KO       3
 415          BA   .2569
 416          LS       0    88.0
 417          UD   0.416
              *

 418          KK   *OFF6
 419          KM   REFERENCED FROM THE "DB1" STUDY
 420          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 421          KO       3
 422          BA   .0399
 423          LS       0    88.0
 424          UD   0.118
              *

 425          KK    *ON1
 426          KM   REFERENCED FROM THE "DB1" STUDY
 427          KM   DB1 BASIN
 428          BA   .0261
 429          LS       0    94.0
 430          UD   0.115
```

```
                    *
1                                        HEC-1 INPUT                                        PAGE 12

LINE                ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 431                KK    *DB1
 432                KM   REFERENCED FROM THE "DB1" STUDY
 433                KM   COMBINE DUMMY, OFF4, OFF5, OFF6 AND ON1
 434                HC       5
                    *

 435                KK   *RDB1
 436                KM   REFERENCED FROM THE "DB1" STUDY
 437                KM   OUTLET = 24" ORIFICE @ INVERT ELEVATION = 3013.8-FT
 438                RS       1    ELEV  3025.5
 439                SA    4.58    5.63    5.81    6.00    6.19    7.17    7.61    8.31    9.00    9.69
 440                SE  3025.5    3027    3028    3029    3030    3035    3037    3040    3043    3046
 441                SQ    49.7    60.6    70.8    74.5  1436.0  3920.5  7136.3
 442                SE  3025.5    3030    3035    3037    3040    3043    3046
                    *

 443                KK    *SM1
 444                KM   DISCHARGES INTO OUTLET CHANNEL
 445                BA   .0090
 446                LS       0    94.0
 447                UD   0.066
                    *

 448                KK    *SM2
 449                KM   DISCHARGES INTO OUTLET CHANNEL
 450                BA   .0077
 451                LS       0    94.0
 452                UD   0.109
                    *

 453                KK    *SM3
 454                KM   SWALE FLOW
 455                BA   .0032
 456                LS       0    94.0
 457                UD   0.077
                    *

 458                KK   DUMMY
 459                KM   COMBINES *RDB1, *SM1, *SM2 AND *SM3
 460                HC       4
                    *

 461                KK   *WL4A
 462                KM   BASIN WEST OF PARCEL 2.16
 463                BA   .0125
 464                PB    3.00
 465                LS       0    92.0
 466                UD   0.106
                    *
1                                        HEC-1 INPUT                                        PAGE 13

LINE                ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 467                KK   *ON1D
 468                KM   PARCEL 2.16
 469                BA   .0222
 470                PB    3.00
 471                LS       0    92.0
 472                UD   0.099
                    *

 473                KK   DUMMY
 474                KM   COMBINES CP6, *RDB1, *WL4A AND *ON1D
 475                HC       4
                    *

 476                KK    EX3b
 477                KM   OFFSITE BASIN
 478                BA   .0268
 479                PB    3.00
 480                LS       0    88.0
 481                UD   0.100
                    *

 482                KK     EX7
 483                KM   OFFSITE BASIN
 484                BA   .0296
 485                PB    3.00
 486                LS       0    88.0
 487                UD   0.136
                    *

 488                KK    STR5
 489                KM   STREET BASIN
 490                BA   .0045
 491                PB    3.00
 492                LS       0    98.0
```

```
 493          UD   0.100
              *

 494          KK    STR7
 495          KM   STREET BASIN
 496          BA   .0017
 497          PB    3.00
 498          LS       0    98.0
 499          UD   0.100
              *

 500          KK     CP7
 501          KM   COMBINES *RDB1, EX3b, EX7, STR5 AND STR7
 502          HC       5
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 503          KK    RCP7
 504          KM   ROUTE CP7 TO CP8
 505          KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
 506          RD    1155    .026    .040       0    TRAP      50       2
              *

 507          KK     EX8
 508          KM   OFFSITE BASIN
 509          BA   .0130
 510          PB    3.00
 511          LS       0    88.0
 512          UD   0.143
              *

 513          KK    STR6
 514          KM   STREET BASIN
 515          BA   .0088
 516          PB    3.00
 517          LS       0    98.0
 518          UD   0.100
              *

 519          KK     CP8
 520          KM   COMBINES CP7, EX8 AND STR6
 521          HC       3
              *

 522          KK   *OFF3
 523          KM   REFERENCED FROM THE "SMITH'S" STUDY
 524          PB    3.00
 525          BA   .0012
 526          LS       0    86.2
 527          UD   0.100
              *

 528          KK     *D2
 529          KM   REFERENCED FROM THE "SMITH'S" STUDY
 530          PB    3.00
 531          BA   .0154
 532          LS       0    86.0
 533          UD   0.089
              *

 534          KK  *IOFF4
 535          KM   REFERENCED FROM THE "SMITH'S" STUDY
 536          PB    3.00
 537          BA   .0062
 538          LS       0    86.2
 539          UD   0.100
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 540          KK   *PARK
 541          KM   REFERENCED FROM THE "SMITH'S" STUDY
 542          KM   COMBINES IOFF4, OFF3, D2
 543          HC       3
              *

 544          KK     CP9
 545          KM   COMBINES CP8 AND *PARK
 546          HC       2
              *

 547          KK    DIV1
 548          KM   CULVERT CROSSING FLOW INTO PARCEL 2.06
 549          DR    DIV1
              *

 550          KK    RCP3
 551          KM   COMBINES DIV1 AND CP9
 552          HC       2
```

```
                *

 553            KK   RRCP3
 554            KM   ROUTE CP3 TO CP3a
 555            KM   LENGTH SLOPE   n-VALUE           SHAPE   WIDTH   S-SLOPE
 556            RD    1260    .039    .040       0    TRAP      50       2
                *

 557            KK   *2.06
 558            KM   ONSITE BASIN
 559            BA   .0310
 560            PB    3.00
 561            LS       0    95.0
 562            UD   0.108
                *

 563            KK   RCP3a
 564            KM   COMBINES CP3 AND 2.06
 565            HC       2
                *

 566            KK  *2.05b
 567            KM   ONSITE BASIN
 568            BA   .0115
 569            PB    3.00
 570            LS       0    95.0
 571            UD   0.154
                *

 572            KK   *STR1
 573            KM   ONSITE STREET BASIN
 574            BA   .0041
 575            PB    3.00
 576            LS       0    98.0
 577            UD   0.050
                *
```



```
LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 578            KK  *2.04a
 579            KM   ONSITE BASIN
 580            BA   .0022
 581            PB    3.00
 582            LS       0    84.0
 583            UD   0.100
                *

 584            KK    DIV2
 585            KM   CULVERT CROSSING FLOW TO CONCENTRATION POINT CP2a
 586            DR    DIV2
                *

 587            KK   RCP2a
 588            KM   COMBINES 2.05b, STR1, DIV2 AND 2.04a
 589            HC       4
                *

 590            KK    *DBN
 591            KM   REFERENCED FROM THE "SMITH'S" STUDY
 592            KM   OUTLET = 54" ORIFICE @ INVERT ELEVATION = 2997.3-FT
 593            KO       1
 594            RS       1    ELEV  2797.3
 595            SA    0.00    0.09    0.12    0.15     .37    0.79    0.86
 596            SE  2797.3    2798    2799    2800    2805    2812    2813
 597            SQ    0.00      54     129     193     241     268
 598            SE  2797.3    2802    2804    2807    2810    2812
                *

 599            KK  *WSPD3
 600            KM   REFERENCED FROM THE "SMITH'S" STUDY
 601            BA   .0022
 602            PB    2.93
 603            LS       0    92.8
 604            UD   0.056
                *

 605            KK   *WGC3
 606            KM   REFERENCED FROM THE "SMITH'S" STUDY
 607            BA   .0444
 608            PB    2.93
 609            LS       0    94.6
 610            UD   0.095
                *

 611            KK  *WSPD0
 612            KM   REFERENCED FROM THE "SMITH'S" STUDY
 613            BA   .0010
 614            PB    2.93
 615            LS       0    93.4
 616            UD   0.050
                *
```

```
LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

 617          KK   RWC9a
 618          HC       5
              *

 619          KK  *ON1-D
 620          KM   REFERENCED FROM THE "SMITH'S" STUDY
 621          KM   PHASE 1, NORTHWEST QUAD ONSITE BASIN
 622          BA   .0278
 623          PB    2.93
 624          LS       0    91.2
 625          UD   0.114
              *

 626          KK  *ON2-D
 627          KM   REFERENCED FROM THE "SMITH'S" STUDY
 628          KM   PHASE 1, NORTHEAST QUAD ONSITE BASIN
 629          BA   .0301
 630          PB    2.93
 631          LS       0    88.8
 632          UD   0.152
              *

 633          KK    *HOR
 634          KM   REFERENCED FROM THE "SMITH'S" STUDY
 635          KM   PHASE 1, STREET BASIN SKYE CANYON PARK DRIVE
 636          BA   .0163
 637          PB    2.93
 638          LS       0    93.3
 639          UD   0.108
              *

 640          KK    *WC7
 641          KM   REFERENCED FROM THE "SMITH'S" STUDY
 642          HC       3
              *

 643          KK *WGRC1A
 644          KM   REFERENCED FROM THE "SMITH'S" STUDY
 645          BA   .0022
 646          PB    2.93
 647          LS       0    93.2
 648          UD   0.095
              *

 649          KK   RCP12
 650          HC       3
              *
 651          ZZ
```

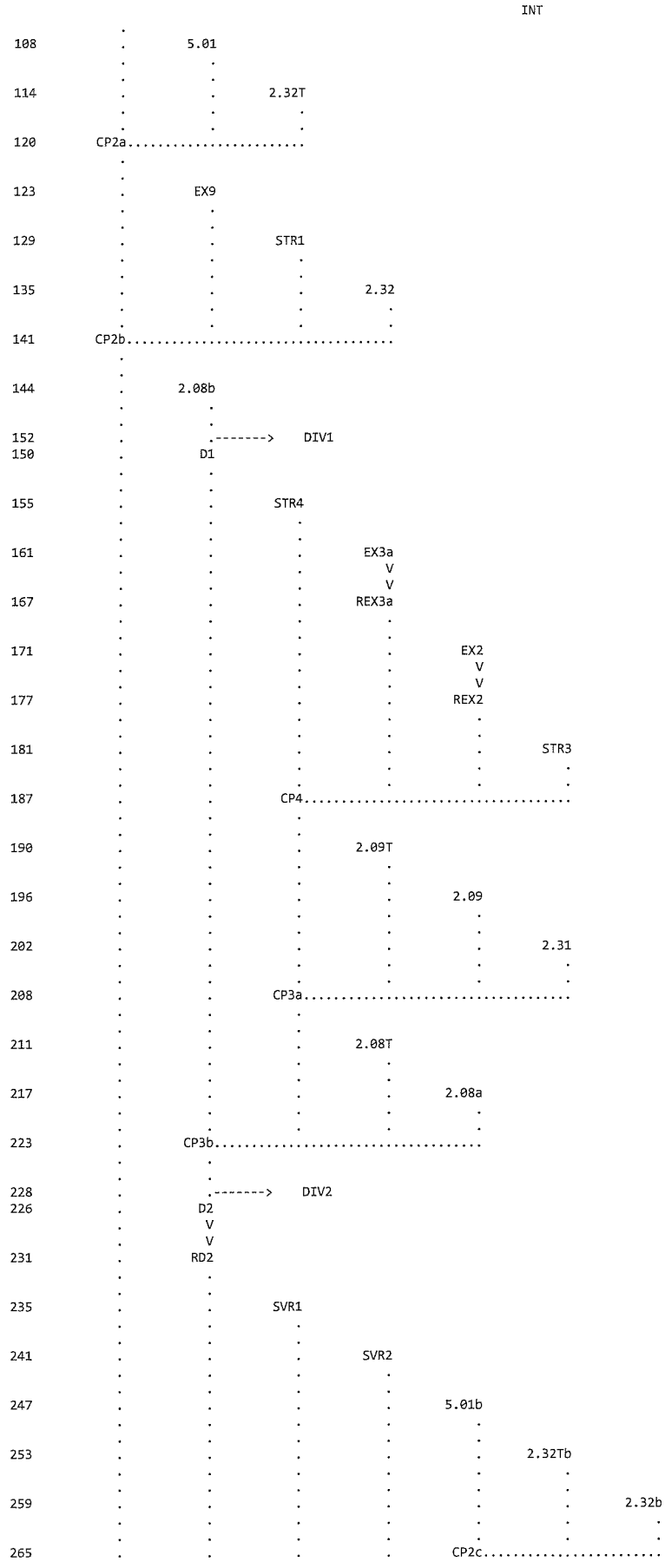
1

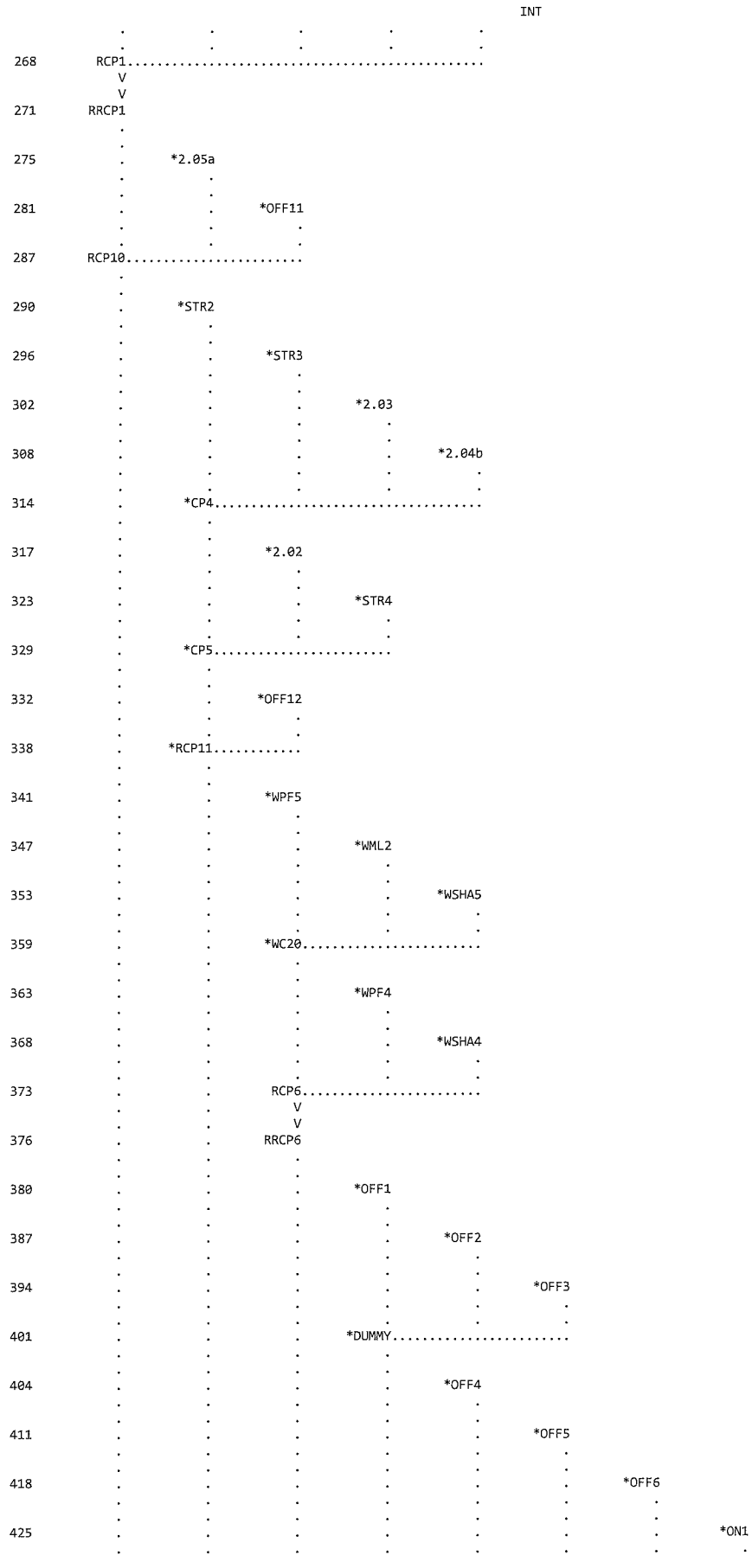
SCHEMATIC DIAGRAM OF STREAM NETWORK

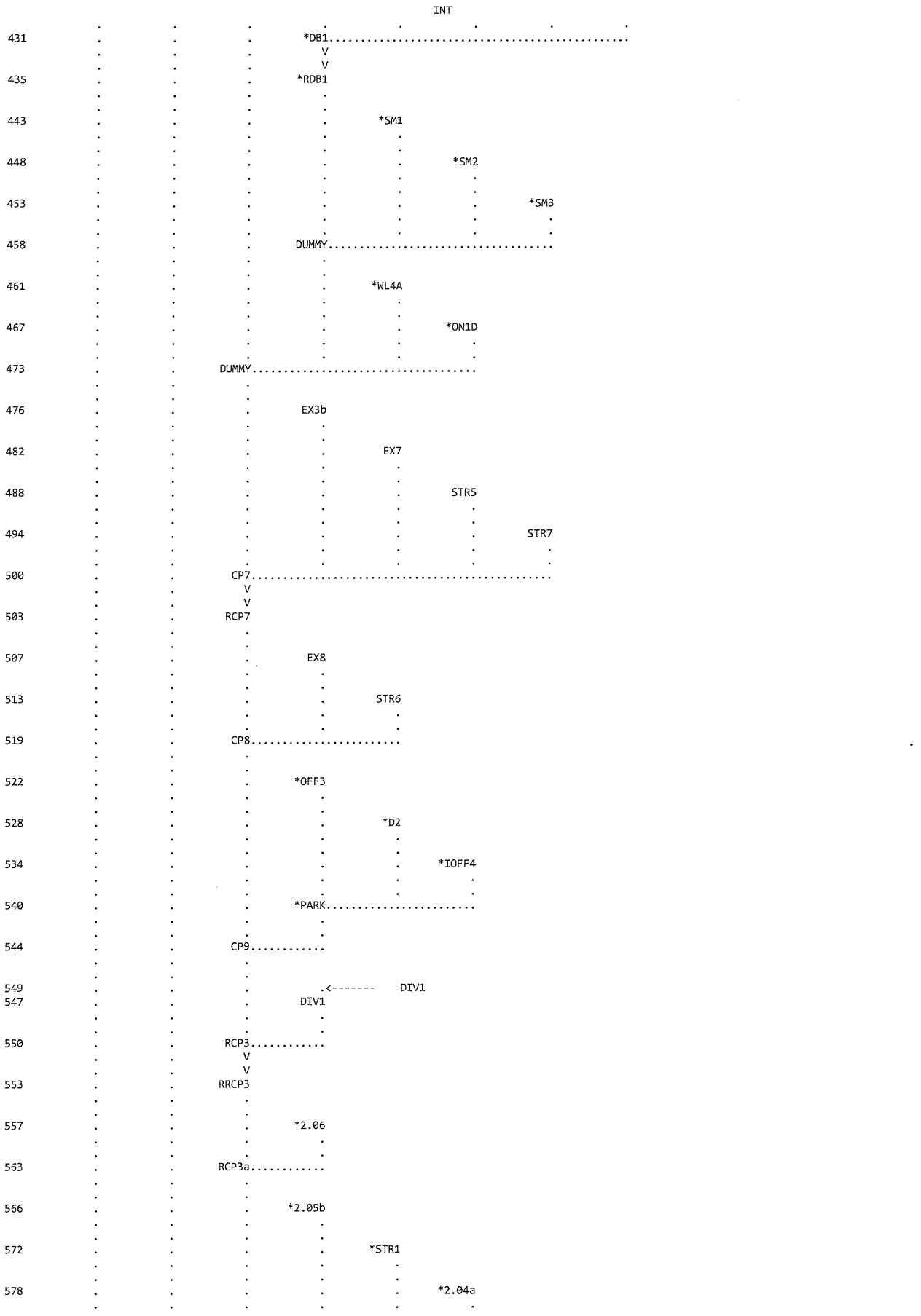
```
INPUT
 LINE     (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

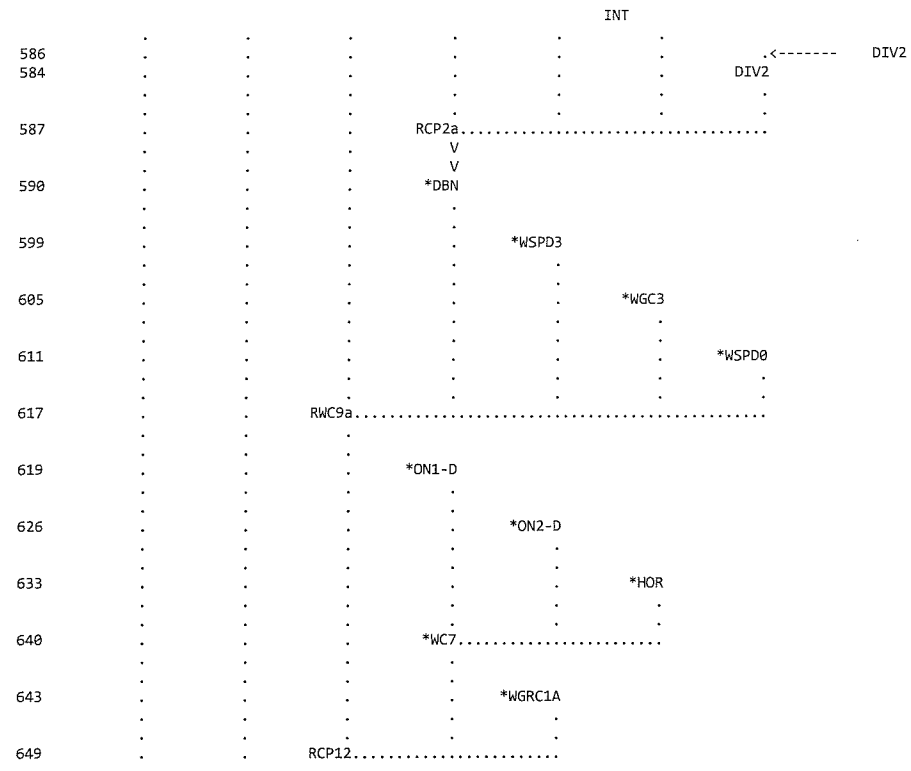
  NO.     (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

   29      *OFF7
             .
             .
   44        .       *OFF8
             .          .
             .          .
   51       *CP2.............
             .
             .
   55        .       *OFF9
             .          .
             .          .
   62      *CP2a.............
             .
             .
   66        .      *OFF10
             .          .
             .          .
   73        .          .        *ON2
             .          .           .
             .          .           .
   79       *DB2.........................
             V
             V
   84      *RDB2
             .
             .
   93        .         EX1
             .          .
             .          .
   99        .          .        STR2
             .          .           .
             .          .           .
  105         CP1.........................
              .
```


INT
108
5.01
114
2.32T
120
CP2a
123
EX9
129
STR1
135
2.32
141
CP2b
144
2.08b
152
DIV1
150
D1
155
STR4
161
EX3a
167
REX3a
171
EX2
177
REX2
181
STR3
187
CP4
190
2.09T
196
2.09
202
2.31
208
CP3a
211
2.08T
217
2.08a
223
CP3b
228
DIV2
226
D2
231
RD2
235
SVR1
241
SVR2
247
5.01b
253
2.32Tb
259
2.32b
265
CP2c


INT
268 RCP1
271 RRCP1
275 *2.05a
281 *OFF11
287 RCP10
290 *STR2
296 *STR3
302 *2.03
308 *2.04b
314 *CP4
317 *2.02
323 *STR4
329 *CP5
332 *OFF12
338 *RCP11
341 *WPF5
347 *WML2
353 *WSHA5
359 *WC20
363 *WPF4
368 *WSHA4
373 RCP6
376 RRCP6
380 *OFF1
387 *OFF2
394 *OFF3
401 *DUMMY
404 *OFF4
411 *OFF5
418 *OFF6
425 *ON1


INT
*DB1
*RDB1
*SM1
*SM2
*SM3
DUMMY
*WL4A
*ON1D
DUMMY
EX3b
EX7
STR5
STR7
CP7
RCP7
EX8
STR6
CP8
*OFF3
*D2
*IOFF4
*PARK
CP9
DIV1
DIV1
RCP3
RRCP3
*2.06
RCP3a
*2.05b
*STR1
*2.04a



(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*               JUN   1998             *
*            VERSION 4.1               *
*                                      *
*  RUN DATE   06FEB18  TIME  16:05:29  *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
****************************************
```

SLATER HANIFAN GROUP
NINETY-FIVE MANAGEMENT, LLC.
SKYE CANYON INFRASTRUCTURE PHASE 3B & 3C
TECHNICAL DRAINAGE STUDY

DRAINAGE CONDITION -- INTERIM CONDITION
RETURN PERIOD ------- 100 & 10-YEAR
DISTRIBUTION -------- 6-HOUR SDN3
PROJECT NO. --------- OLY1609.000
FILENAME ------------ INT.H1
DATE ---------------- JANUARY 2018
MODELED BY ---------- ETM

RETURN PERIOD	RATIO
100-YR	1.00
10-YR	0.54

SIX HOUR DEPTH-AREA REDUCTION FACTORS

DRAINAGE AREA (MI^2)	DARF
0.00-0.49	0.990
0.50-0.99	0.975
1.00-1.99	0.950

26 IO OUTPUT CONTROL VARIABLES

IPRNT	5	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE

IT HYDROGRAPH TIME DATA

NMIN	5	MINUTES IN COMPUTATION INTERVAL
IDATE	1 0	STARTING DATE
ITIME	0000	STARTING TIME
NQ	300	NUMBER OF HYDROGRAPH ORDINATES
NDDATE	2 0	ENDING DATE
NDTIME	0055	ENDING TIME
ICENT	19	CENTURY MARK

COMPUTATION INTERVAL .08 HOURS
TOTAL TIME BASE 24.92 HOURS

ENGLISH UNITS
DRAINAGE AREA SQUARE MILES
PRECIPITATION DEPTH INCHES
LENGTH, ELEVATION FEET
FLOW CUBIC FEET PER SECOND
STORAGE VOLUME ACRE-FEET
SURFACE AREA ACRES
TEMPERATURE DEGREES FAHRENHEIT

JP MULTI-PLAN OPTION
NPLAN 1 NUMBER OF PLANS

JR MULTI-RATIO OPTION
RATIOS OF PRECIPITATION
1.00 .99 .98 .95 .54

*** *** *** *

```
                                                                  INT
                    (INCHES)     1.816       1.818       1.818       1.818
                     (AC-FT)       21.         21.         21.         21.

                     CUMULATIVE AREA =     .21 SQ MI


      ***            ***            ***            ***            ***

                      HYDROGRAPH AT STATION    *OFF8
                        FOR PLAN 1, RATIO =  .99

    TOTAL RAINFALL =    2.97, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.79

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+     241.      3.75                 41.         10.         10.         10.
                    (INCHES)     1.790       1.792       1.792       1.792
                     (AC-FT)       20.         20.         20.         20.

                     CUMULATIVE AREA =     .21 SQ MI


      ***            ***            ***            ***            ***

                      HYDROGRAPH AT STATION    *OFF8
                        FOR PLAN 1, RATIO =  .98

    TOTAL RAINFALL =    2.92, TOTAL LOSS =    1.17, TOTAL EXCESS =    1.75

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+     236.      3.75                 40.         10.         10.         10.
                    (INCHES)     1.750       1.752       1.752       1.752
                     (AC-FT)       20.         20.         20.         20.

                     CUMULATIVE AREA =     .21 SQ MI


      ***            ***            ***            ***            ***

                      HYDROGRAPH AT STATION    *OFF8
                        FOR PLAN 1, RATIO =  .95

    TOTAL RAINFALL =    2.85, TOTAL LOSS =    1.16, TOTAL EXCESS =    1.69

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+     227.      3.75                 38.         10.          9.          9.
                    (INCHES)     1.684       1.685       1.685       1.685
                     (AC-FT)       19.         19.         19.         19.

                     CUMULATIVE AREA =     .21 SQ MI


      ***            ***            ***            ***            ***

                      HYDROGRAPH AT STATION    *OFF8
                        FOR PLAN 1, RATIO =  .54

    TOTAL RAINFALL =    1.62, TOTAL LOSS =     .95, TOTAL EXCESS =     .67

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      93.      3.75                 15.          4.          4.          4.
                    (INCHES)      .670        .670        .670        .670
                     (AC-FT)        8.          8.          8.          8.

                     CUMULATIVE AREA =     .21 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


           **************
           *            *
  55 KK    *     *OFF9  *
           *            *
           **************

  58 KO          OUTPUT CONTROL VARIABLES
                      IPRNT           3  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE
```

INT

SUBBASIN RUNOFF DATA

59 BA SUBBASIN CHARACTERISTICS
TAREA .11 SUBBASIN AREA

PRECIPITATION DATA

32 PB STORM 3.00 BASIN TOTAL PRECIPITATION

33 PI INCREMENTAL PRECIPITATION PATTERN

.02	.04	.01	.02	.02	.02	.01	.00	.00	.00
.00	.00	.00	.01	.00	.01	.01	.01	.01	.01
.01	.00	.00	.00	.00	.01	.02	.01	.01	.00
.01	.01	.01	.00	.00	.01	.03	.03	.06	.09
.09	.12	.03	.04	.03	.01	.02	.02	.00	.00
.01	.01	.01	.02	.02	.01	.01	.02	.01	.01
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00								

60 LS SCS LOSS RATE
STRTL .27 INITIAL ABSTRACTION
CRVNBR 88.00 CURVE NUMBER
RTIMP .00 PERCENT IMPERVIOUS AREA

61 UD SCS DIMENSIONLESS UNITGRAPH
TLAG .20 LAG

***

UNIT HYDROGRAPH
14 END-OF-PERIOD ORDINATES

55.	183.	227.	181.	101.	58.	33.	19.	11.	6.
3.	2.	1.	0.						

TOTAL RAINFALL = 3.00, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.82

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 153.	3.58	22.	6.	5.	5.
		(INCHES) 1.817	1.818	1.818	1.818
		(AC-FT) 11.	11.	11.	11.

CUMULATIVE AREA = .11 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF9
FOR PLAN 1, RATIO = 1.00

TOTAL RAINFALL = 3.00, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.82

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 153.	3.58	22.	6.	5.	5.
		(INCHES) 1.817	1.818	1.818	1.818
		(AC-FT) 11.	11.	11.	11.

CUMULATIVE AREA = .11 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF9
FOR PLAN 1, RATIO = .99

TOTAL RAINFALL = 2.97, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.79

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 151.	3.58	22.	5.	5.	5.
		(INCHES) 1.791	1.792	1.792	1.792
		(AC-FT) 11.	11.	11.	11.

CUMULATIVE AREA = .11 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF9
FOR PLAN 1, RATIO = .98

TOTAL RAINFALL = 2.92, TOTAL LOSS = 1.17, TOTAL EXCESS = 1.75

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			

```
                                                                    INT
+     148.      3.58                  21.          5.          5.          5.
                        (INCHES)     1.751       1.752       1.752       1.752
                         (AC-FT)       11.         11.         11.         11.

                         CUMULATIVE AREA =     .11 SQ MI


       ***            ***            ***            ***            ***

                          HYDROGRAPH AT STATION    *OFF9
                            FOR PLAN 1, RATIO =  .95

     TOTAL RAINFALL =    2.85, TOTAL LOSS =    1.16, TOTAL EXCESS =    1.69

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                           (CFS)
+     142.      3.58                  21.          5.          5.          5.
                        (INCHES)     1.685       1.685       1.685       1.685
                         (AC-FT)       10.         10.         10.         10.

                         CUMULATIVE AREA =     .11 SQ MI


       ***            ***            ***            ***            ***

                          HYDROGRAPH AT STATION    *OFF9
                            FOR PLAN 1, RATIO =  .54

     TOTAL RAINFALL =    1.62, TOTAL LOSS =     .95, TOTAL EXCESS =     .67

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                           (CFS)
+      58.      3.67                   8.          2.          2.          2.
                        (INCHES)      .670        .670        .670        .670
                         (AC-FT)        4.          4.          4.          4.

                         CUMULATIVE AREA =     .11 SQ MI



*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
  66 KK     *    *OFF10  *
            *            *
            **************

  69 KO          OUTPUT CONTROL VARIABLES
                       IPRNT           3  PRINT CONTROL
                       IPLOT           0  PLOT CONTROL
                       QSCAL          0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

  70 BA          SUBBASIN CHARACTERISTICS
                       TAREA         .65  SUBBASIN AREA

                 PRECIPITATION DATA

  32 PB                STORM        3.00  BASIN TOTAL PRECIPITATION

  33 PI            INCREMENTAL PRECIPITATION PATTERN
                       .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                       .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                       .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                       .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                       .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                       .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                       .00       .00

  71 LS          SCS LOSS RATE
                       STRTL         .27  INITIAL ABSTRACTION
                      CRVNBR       88.00  CURVE NUMBER
                       RTIMP         .00  PERCENT IMPERVIOUS AREA

  72 UD          SCS DIMENSIONLESS UNITGRAPH
                        TLAG         .61  LAG

                                                          ***

                                                   UNIT HYDROGRAPH
                                              39 END-OF-PERIOD ORDINATES
                24.       72.      138.      234.      345.      427.      473.      479.      462.      422.
               374.      311.      242.      193.      156.      128.      106.       86.       69.       57.
                46.       37.       30.       24.       20.       16.       13.       11.        9.        7.
                 6.        5.        4.        3.        3.        2.        1.        1.        0.
```

TOTAL RAINFALL = 3.00, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.82

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 508.	4.08	127.	32.	31.	31.
		(INCHES) 1.810	1.818	1.818	1.818
		(AC-FT) 63.	63.	63.	63.

CUMULATIVE AREA = .65 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF10
FOR PLAN 1, RATIO = 1.00

TOTAL RAINFALL = 3.00, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.82

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 508.	4.08	127.	32.	31.	31.
		(INCHES) 1.810	1.818	1.818	1.818
		(AC-FT) 63.	63.	63.	63.

CUMULATIVE AREA = .65 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF10
FOR PLAN 1, RATIO = .99

TOTAL RAINFALL = 2.97, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.79

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 501.	4.08	125.	31.	30.	30.
		(INCHES) 1.784	1.792	1.792	1.792
		(AC-FT) 62.	62.	62.	62.

CUMULATIVE AREA = .65 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF10
FOR PLAN 1, RATIO = .98

TOTAL RAINFALL = 2.92, TOTAL LOSS = 1.17, TOTAL EXCESS = 1.75

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 490.	4.08	122.	31.	29.	29.
		(INCHES) 1.744	1.752	1.752	1.752
		(AC-FT) 60.	61.	61.	61.

CUMULATIVE AREA = .65 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF10
FOR PLAN 1, RATIO = .95

TOTAL RAINFALL = 2.85, TOTAL LOSS = 1.16, TOTAL EXCESS = 1.69

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 472.	4.08	117.	29.	28.	28.
		(INCHES) 1.679	1.685	1.685	1.685
		(AC-FT) 58.	58.	58.	58.

CUMULATIVE AREA = .65 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF10
FOR PLAN 1, RATIO = .54

TOTAL RAINFALL = 1.62, TOTAL LOSS = .95, TOTAL EXCESS = .67

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW

				6-HR	24-HR	72-HR	INT 24.92-HR
+	(CFS)	(HR)					
			(CFS)				
+	191.	4.08		47.	12.	11.	11.
			(INCHES)	.669	.670	.670	.670
			(AC-FT)	23.	23.	23.	23.

CUMULATIVE AREA = .65 SQ MI

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          **************
          *            *
79 KK     *      *DB2  *
          *            *
          **************
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82 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE

83 HC HYDROGRAPH COMBINATION

ICOMP	3	NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION *DB2
SUM OF 3 HYDROGRAPHS
PLAN 1, RATIO = 1.00

****

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		0615	76	43.	*	1		1230	151	0.	*	1		1845	226	0.
1		0005	2	0.	*	1		0620	77	36.	*	1		1235	152	0.	*	1		1850	227	0.
1		0010	3	0.	*	1		0625	78	30.	*	1		1240	153	0.	*	1		1855	228	0.
1		0015	4	1.	*	1		0630	79	25.	*	1		1245	154	0.	*	1		1900	229	0.
1		0020	5	2.	*	1		0635	80	20.	*	1		1250	155	0.	*	1		1905	230	0.
1		0025	6	4.	*	1		0640	81	17.	*	1		1255	156	0.	*	1		1910	231	0.
1		0030	7	6.	*	1		0645	82	13.	*	1		1300	157	0.	*	1		1915	232	0.
1		0035	8	7.	*	1		0650	83	11.	*	1		1305	158	0.	*	1		1920	233	0.
1		0040	9	7.	*	1		0655	84	9.	*	1		1310	159	0.	*	1		1925	234	0.
1		0045	10	7.	*	1		0700	85	7.	*	1		1315	160	0.	*	1		1930	235	0.
1		0050	11	7.	*	1		0705	86	6.	*	1		1320	161	0.	*	1		1935	236	0.
1		0055	12	7.	*	1		0710	87	4.	*	1		1325	162	0.	*	1		1940	237	0.
1		0100	13	6.	*	1		0715	88	4.	*	1		1330	163	0.	*	1		1945	238	0.
1		0105	14	6.	*	1		0720	89	3.	*	1		1335	164	0.	*	1		1950	239	0.
1		0110	15	8.	*	1		0725	90	2.	*	1		1340	165	0.	*	1		1955	240	0.
1		0115	16	8.	*	1		0730	91	2.	*	1		1345	166	0.	*	1		2000	241	0.
1		0120	17	10.	*	1		0735	92	1.	*	1		1350	167	0.	*	1		2005	242	0.
1		0125	18	13.	*	1		0740	93	1.	*	1		1355	168	0.	*	1		2010	243	0.
1		0130	19	18.	*	1		0745	94	1.	*	1		1400	169	0.	*	1		2015	244	0.
1		0135	20	23.	*	1		0750	95	1.	*	1		1405	170	0.	*	1		2020	245	0.
1		0140	21	29.	*	1		0755	96	0.	*	1		1410	171	0.	*	1		2025	246	0.
1		0145	22	34.	*	1		0800	97	0.	*	1		1415	172	0.	*	1		2030	247	0.
1		0150	23	36.	*	1		0805	98	0.	*	1		1420	173	0.	*	1		2035	248	0.
1		0155	24	36.	*	1		0810	99	0.	*	1		1425	174	0.	*	1		2040	249	0.
1		0200	25	35.	*	1		0815	100	0.	*	1		1430	175	0.	*	1		2045	250	0.
1		0205	26	34.	*	1		0820	101	0.	*	1		1435	176	0.	*	1		2050	251	0.
1		0210	27	36.	*	1		0825	102	0.	*	1		1440	177	0.	*	1		2055	252	0.
1		0215	28	42.	*	1		0830	103	0.	*	1		1445	178	0.	*	1		2100	253	0.
1		0220	29	49.	*	1		0835	104	0.	*	1		1450	179	0.	*	1		2105	254	0.
1		0225	30	56.	*	1		0840	105	0.	*	1		1455	180	0.	*	1		2110	255	0.
1		0230	31	58.	*	1		0845	106	0.	*	1		1500	181	0.	*	1		2115	256	0.
1		0235	32	59.	*	1		0850	107	0.	*	1		1505	182	0.	*	1		2120	257	0.
1		0240	33	64.	*	1		0855	108	0.	*	1		1510	183	0.	*	1		2125	258	0.
1		0245	34	69.	*	1		0900	109	0.	*	1		1515	184	0.	*	1		2130	259	0.
1		0250	35	71.	*	1		0905	110	0.	*	1		1520	185	0.	*	1		2135	260	0.
1		0255	36	71.	*	1		0910	111	0.	*	1		1525	186	0.	*	1		2140	261	0.
1		0300	37	73.	*	1		0915	112	0.	*	1		1530	187	0.	*	1		2145	262	0.
1		0305	38	85.	*	1		0920	113	0.	*	1		1535	188	0.	*	1		2150	263	0.
1		0310	39	107.	*	1		0925	114	0.	*	1		1540	189	0.	*	1		2155	264	0.
1		0315	40	149.	*	1		0930	115	0.	*	1		1545	190	0.	*	1		2200	265	0.
1		0320	41	229.	*	1		0935	116	0.	*	1		1550	191	0.	*	1		2205	266	0.
1		0325	42	343.	*	1		0940	117	0.	*	1		1555	192	0.	*	1		2210	267	0.
1		0330	43	494.	*	1		0945	118	0.	*	1		1600	193	0.	*	1		2215	268	0.
1		0335	44	625.	*	1		0950	119	0.	*	1		1605	194	0.	*	1		2220	269	0.
1		0340	45	710.	*	1		0955	120	0.	*	1		1610	195	0.	*	1		2225	270	0.
1		0345	46	762.	*	1		1000	121	0.	*	1		1615	196	0.	*	1		2230	271	0.
1		0350	47	774.	*	1		1005	122	0.	*	1		1620	197	0.	*	1		2235	272	0.
1		0355	48	760.	*	1		1010	123	0.	*	1		1625	198	0.	*	1		2240	273	0.
1		0400	49	731.	*	1		1015	124	0.	*	1		1630	199	0.	*	1		2245	274	0.
1		0405	50	690.	*	1		1020	125	0.	*	1		1635	200	0.	*	1		2250	275	0.
1		0410	51	636.	*	1		1025	126	0.	*	1		1640	201	0.	*	1		2255	276	0.
1		0415	52	574.	*	1		1030	127	0.	*	1		1645	202	0.	*	1		2300	277	0.
1		0420	53	512.	*	1		1035	128	0.	*	1		1650	203	0.	*	1		2305	278	0.

																		INT	
1	0425	54	454.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.	
1	0430	55	411.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.	
1	0435	56	383.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.	
1	0440	57	361.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.	
1	0445	58	342.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.	
1	0450	59	332.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.	
1	0455	60	321.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.	
1	0500	61	305.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.	
1	0505	62	286.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.	
1	0510	63	263.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.	
1	0515	64	239.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.	
1	0520	65	213.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.	
1	0525	66	189.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.	
1	0530	67	166.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.	
1	0535	68	143.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.	
1	0540	69	123.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.	
1	0545	70	107.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.	
1	0550	71	92.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.	
1	0555	72	79.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.	
1	0600	73	68.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.	
1	0605	74	59.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.	
1	0610	75	51.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.	
				*					*					*					

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 774.	3.83	199.	50.	48.	48.
		(INCHES) 1.824	1.835	1.835	1.835
		(AC-FT) 99.	99.	99.	99.

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *DB2
SUM OF 3 HYDROGRAPHS
PLAN 1, RATIO = .99

****

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
					*						*						*					
1		0000	1	0.	*	1		0615	76	42.	*	1		1230	151	0.	*	1		1845	226	0.
1		0005	2	0.	*	1		0620	77	36.	*	1		1235	152	0.	*	1		1850	227	0.
1		0010	3	0.	*	1		0625	78	30.	*	1		1240	153	0.	*	1		1855	228	0.
1		0015	4	1.	*	1		0630	79	24.	*	1		1245	154	0.	*	1		1900	229	0.
1		0020	5	2.	*	1		0635	80	20.	*	1		1250	155	0.	*	1		1905	230	0.
1		0025	6	4.	*	1		0640	81	16.	*	1		1255	156	0.	*	1		1910	231	0.
1		0030	7	6.	*	1		0645	82	13.	*	1		1300	157	0.	*	1		1915	232	0.
1		0035	8	7.	*	1		0650	83	11.	*	1		1305	158	0.	*	1		1920	233	0.
1		0040	9	7.	*	1		0655	84	8.	*	1		1310	159	0.	*	1		1925	234	0.
1		0045	10	7.	*	1		0700	85	7.	*	1		1315	160	0.	*	1		1930	235	0.
1		0050	11	6.	*	1		0705	86	6.	*	1		1320	161	0.	*	1		1935	236	0.
1		0055	12	6.	*	1		0710	87	4.	*	1		1325	162	0.	*	1		1940	237	0.
1		0100	13	6.	*	1		0715	88	4.	*	1		1330	163	0.	*	1		1945	238	0.
1		0105	14	6.	*	1		0720	89	3.	*	1		1335	164	0.	*	1		1950	239	0.
1		0110	15	7.	*	1		0725	90	2.	*	1		1340	165	0.	*	1		1955	240	0.
1		0115	16	8.	*	1		0730	91	2.	*	1		1345	166	0.	*	1		2000	241	0.
1		0120	17	9.	*	1		0735	92	1.	*	1		1350	167	0.	*	1		2005	242	0.
1		0125	18	12.	*	1		0740	93	1.	*	1		1355	168	0.	*	1		2010	243	0.
1		0130	19	17.	*	1		0745	94	1.	*	1		1400	169	0.	*	1		2015	244	0.
1		0135	20	23.	*	1		0750	95	1.	*	1		1405	170	0.	*	1		2020	245	0.
1		0140	21	28.	*	1		0755	96	0.	*	1		1410	171	0.	*	1		2025	246	0.
1		0145	22	33.	*	1		0800	97	0.	*	1		1415	172	0.	*	1		2030	247	0.
1		0150	23	35.	*	1		0805	98	0.	*	1		1420	173	0.	*	1		2035	248	0.
1		0155	24	35.	*	1		0810	99	0.	*	1		1425	174	0.	*	1		2040	249	0.
1		0200	25	34.	*	1		0815	100	0.	*	1		1430	175	0.	*	1		2045	250	0.
1		0205	26	33.	*	1		0820	101	0.	*	1		1435	176	0.	*	1		2050	251	0.
1		0210	27	35.	*	1		0825	102	0.	*	1		1440	177	0.	*	1		2055	252	0.
1		0215	28	41.	*	1		0830	103	0.	*	1		1445	178	0.	*	1		2100	253	0.
1		0220	29	48.	*	1		0835	104	0.	*	1		1450	179	0.	*	1		2105	254	0.
1		0225	30	54.	*	1		0840	105	0.	*	1		1455	180	0.	*	1		2110	255	0.
1		0230	31	57.	*	1		0845	106	0.	*	1		1500	181	0.	*	1		2115	256	0.
1		0235	32	58.	*	1		0850	107	0.	*	1		1505	182	0.	*	1		2120	257	0.
1		0240	33	62.	*	1		0855	108	0.	*	1		1510	183	0.	*	1		2125	258	0.
1		0245	34	67.	*	1		0900	109	0.	*	1		1515	184	0.	*	1		2130	259	0.
1		0250	35	70.	*	1		0905	110	0.	*	1		1520	185	0.	*	1		2135	260	0.
1		0255	36	70.	*	1		0910	111	0.	*	1		1525	186	0.	*	1		2140	261	0.
1		0300	37	71.	*	1		0915	112	0.	*	1		1530	187	0.	*	1		2145	262	0.
1		0305	38	83.	*	1		0920	113	0.	*	1		1535	188	0.	*	1		2150	263	0.
1		0310	39	105.	*	1		0925	114	0.	*	1		1540	189	0.	*	1		2155	264	0.
1		0315	40	147.	*	1		0930	115	0.	*	1		1545	190	0.	*	1		2200	265	0.
1		0320	41	225.	*	1		0935	116	0.	*	1		1550	191	0.	*	1		2205	266	0.
1		0325	42	337.	*	1		0940	117	0.	*	1		1555	192	0.	*	1		2210	267	0.
1		0330	43	487.	*	1		0945	118	0.	*	1		1600	193	0.	*	1		2215	268	0.
1		0335	44	616.	*	1		0950	119	0.	*	1		1605	194	0.	*	1		2220	269	0.
1		0340	45	699.	*	1		0955	120	0.	*	1		1610	195	0.	*	1		2225	270	0.
1		0345	46	751.	*	1		1000	121	0.	*	1		1615	196	0.	*	1		2230	271	0.
1		0350	47	763.	*	1		1005	122	0.	*	1		1620	197	0.	*	1		2235	272	0.
1		0355	48	750.	*	1		1010	123	0.	*	1		1625	198	0.	*	1		2240	273	0.

										INT									
1	0400	49	721.	*	1	1015	124	0.	*	1	1630	199	0.	*	1	2245	274	0.
1	0405	50	681.	*	1	1020	125	0.	*	1	1635	200	0.	*	1	2250	275	0.
1	0410	51	627.	*	1	1025	126	0.	*	1	1640	201	0.	*	1	2255	276	0.
1	0415	52	566.	*	1	1030	127	0.	*	1	1645	202	0.	*	1	2300	277	0.
1	0420	53	505.	*	1	1035	128	0.	*	1	1650	203	0.	*	1	2305	278	0.
1	0425	54	448.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.
1	0430	55	405.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.
1	0435	56	378.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.
1	0440	57	356.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.
1	0445	58	338.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.
1	0450	59	328.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.
1	0455	60	317.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.
1	0500	61	301.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.
1	0505	62	282.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.
1	0510	63	260.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.
1	0515	64	236.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.
1	0520	65	211.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.
1	0525	66	187.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.
1	0530	67	164.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.
1	0535	68	142.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.
1	0540	69	122.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.
1	0545	70	105.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.
1	0550	71	91.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.
1	0555	72	78.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.
1	0600	73	68.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.
1	0605	74	58.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.
1	0610	75	50.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.
				*					*					*					

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 763.	3.83	196.	49.	47.	47.
		(INCHES) 1.798	1.808	1.808	1.808
		(AC-FT) 97.	98.	98.	98.

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *DB2
SUM OF 3 HYDROGRAPHS
PLAN 1, RATIO = .98

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
					*						*						*					
1		0000	1	0.	*	1		0615	76	42.	*	1		1230	151	0.	*	1		1845	226	0.
1		0005	2	0.	*	1		0620	77	35.	*	1		1235	152	0.	*	1		1850	227	0.
1		0010	3	0.	*	1		0625	78	29.	*	1		1240	153	0.	*	1		1855	228	0.
1		0015	4	1.	*	1		0630	79	24.	*	1		1245	154	0.	*	1		1900	229	0.
1		0020	5	2.	*	1		0635	80	20.	*	1		1250	155	0.	*	1		1905	230	0.
1		0025	6	4.	*	1		0640	81	16.	*	1		1255	156	0.	*	1		1910	231	0.
1		0030	7	6.	*	1		0645	82	13.	*	1		1300	157	0.	*	1		1915	232	0.
1		0035	8	7.	*	1		0650	83	10.	*	1		1305	158	0.	*	1		1920	233	0.
1		0040	9	6.	*	1		0655	84	8.	*	1		1310	159	0.	*	1		1925	234	0.
1		0045	10	6.	*	1		0700	85	7.	*	1		1315	160	0.	*	1		1930	235	0.
1		0050	11	6.	*	1		0705	86	5.	*	1		1320	161	0.	*	1		1935	236	0.
1		0055	12	6.	*	1		0710	87	4.	*	1		1325	162	0.	*	1		1940	237	0.
1		0100	13	5.	*	1		0715	88	4.	*	1		1330	163	0.	*	1		1945	238	0.
1		0105	14	5.	*	1		0720	89	3.	*	1		1335	164	0.	*	1		1950	239	0.
1		0110	15	7.	*	1		0725	90	2.	*	1		1340	165	0.	*	1		1955	240	0.
1		0115	16	8.	*	1		0730	91	2.	*	1		1345	166	0.	*	1		2000	241	0.
1		0120	17	9.	*	1		0735	92	1.	*	1		1350	167	0.	*	1		2005	242	0.
1		0125	18	12.	*	1		0740	93	1.	*	1		1355	168	0.	*	1		2010	243	0.
1		0130	19	16.	*	1		0745	94	1.	*	1		1400	169	0.	*	1		2015	244	0.
1		0135	20	22.	*	1		0750	95	1.	*	1		1405	170	0.	*	1		2020	245	0.
1		0140	21	27.	*	1		0755	96	0.	*	1		1410	171	0.	*	1		2025	246	0.
1		0145	22	31.	*	1		0800	97	0.	*	1		1415	172	0.	*	1		2030	247	0.
1		0150	23	34.	*	1		0805	98	0.	*	1		1420	173	0.	*	1		2035	248	0.
1		0155	24	34.	*	1		0810	99	0.	*	1		1425	174	0.	*	1		2040	249	0.
1		0200	25	33.	*	1		0815	100	0.	*	1		1430	175	0.	*	1		2045	250	0.
1		0205	26	32.	*	1		0820	101	0.	*	1		1435	176	0.	*	1		2050	251	0.
1		0210	27	34.	*	1		0825	102	0.	*	1		1440	177	0.	*	1		2055	252	0.
1		0215	28	39.	*	1		0830	103	0.	*	1		1445	178	0.	*	1		2100	253	0.
1		0220	29	46.	*	1		0835	104	0.	*	1		1450	179	0.	*	1		2105	254	0.
1		0225	30	52.	*	1		0840	105	0.	*	1		1455	180	0.	*	1		2110	255	0.
1		0230	31	55.	*	1		0845	106	0.	*	1		1500	181	0.	*	1		2115	256	0.
1		0235	32	56.	*	1		0850	107	0.	*	1		1505	182	0.	*	1		2120	257	0.
1		0240	33	60.	*	1		0855	108	0.	*	1		1510	183	0.	*	1		2125	258	0.
1		0245	34	65.	*	1		0900	109	0.	*	1		1515	184	0.	*	1		2130	259	0.
1		0250	35	68.	*	1		0905	110	0.	*	1		1520	185	0.	*	1		2135	260	0.
1		0255	36	67.	*	1		0910	111	0.	*	1		1525	186	0.	*	1		2140	261	0.
1		0300	37	69.	*	1		0915	112	0.	*	1		1530	187	0.	*	1		2145	262	0.
1		0305	38	81.	*	1		0920	113	0.	*	1		1535	188	0.	*	1		2150	263	0.
1		0310	39	102.	*	1		0925	114	0.	*	1		1540	189	0.	*	1		2155	264	0.
1		0315	40	143.	*	1		0930	115	0.	*	1		1545	190	0.	*	1		2200	265	0.
1		0320	41	220.	*	1		0935	116	0.	*	1		1550	191	0.	*	1		2205	266	0.
1		0325	42	329.	*	1		0940	117	0.	*	1		1555	192	0.	*	1		2210	267	0.
1		0330	43	476.	*	1		0945	118	0.	*	1		1600	193	0.	*	1		2215	268	0.

												INT							
1	0335	44	602.	*	1	0950	119	0.	*	1	1605	194	0.	*	1	2220	269	0.	
1	0340	45	684.	*	1	0955	120	0.	*	1	1610	195	0.	*	1	2225	270	0.	
1	0345	46	735.	*	1	1000	121	0.	*	1	1615	196	0.	*	1	2230	271	0.	
1	0350	47	746.	*	1	1005	122	0.	*	1	1620	197	0.	*	1	2235	272	0.	
1	0355	48	734.	*	1	1010	123	0.	*	1	1625	198	0.	*	1	2240	273	0.	
1	0400	49	706.	*	1	1015	124	0.	*	1	1630	199	0.	*	1	2245	274	0.	
1	0405	50	667.	*	1	1020	125	0.	*	1	1635	200	0.	*	1	2250	275	0.	
1	0410	51	614.	*	1	1025	126	0.	*	1	1640	201	0.	*	1	2255	276	0.	
1	0415	52	554.	*	1	1030	127	0.	*	1	1645	202	0.	*	1	2300	277	0.	
1	0420	53	494.	*	1	1035	128	0.	*	1	1650	203	0.	*	1	2305	278	0.	
1	0425	54	438.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.	
1	0430	55	397.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.	
1	0435	56	371.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.	
1	0440	57	349.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.	
1	0445	58	331.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.	
1	0450	59	321.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.	
1	0455	60	311.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.	
1	0500	61	296.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.	
1	0505	62	277.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.	
1	0510	63	255.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.	
1	0515	64	231.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.	
1	0520	65	207.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.	
1	0525	66	184.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.	
1	0530	67	161.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.	
1	0535	68	139.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.	
1	0540	69	120.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.	
1	0545	70	103.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.	
1	0550	71	89.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.	
1	0555	72	77.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.	
1	0600	73	66.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.	
1	0605	74	57.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.	
1	0610	75	49.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.	
				*					*					*					

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 746.	3.83		192.	48.	46.	46.
		(INCHES)	1.759	1.768	1.768	1.768
		(AC-FT)	95.	96.	96.	96.

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *DB2
SUM OF 3 HYDROGRAPHS
PLAN 1, RATIO = .95

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
					*						*						*					
1		0000	1	0.	*	1		0615	76	40.	*	1		1230	151	0.	*	1		1845	226	0.
1		0005	2	0.	*	1		0620	77	34.	*	1		1235	152	0.	*	1		1850	227	0.
1		0010	3	0.	*	1		0625	78	28.	*	1		1240	153	0.	*	1		1855	228	0.
1		0015	4	1.	*	1		0630	79	23.	*	1		1245	154	0.	*	1		1900	229	0.
1		0020	5	2.	*	1		0635	80	19.	*	1		1250	155	0.	*	1		1905	230	0.
1		0025	6	3.	*	1		0640	81	16.	*	1		1255	156	0.	*	1		1910	231	0.
1		0030	7	5.	*	1		0645	82	13.	*	1		1300	157	0.	*	1		1915	232	0.
1		0035	8	6.	*	1		0650	83	10.	*	1		1305	158	0.	*	1		1920	233	0.
1		0040	9	5.	*	1		0655	84	8.	*	1		1310	159	0.	*	1		1925	234	0.
1		0045	10	5.	*	1		0700	85	6.	*	1		1315	160	0.	*	1		1930	235	0.
1		0050	11	5.	*	1		0705	86	5.	*	1		1320	161	0.	*	1		1935	236	0.
1		0055	12	5.	*	1		0710	87	4.	*	1		1325	162	0.	*	1		1940	237	0.
1		0100	13	4.	*	1		0715	88	3.	*	1		1330	163	0.	*	1		1945	238	0.
1		0105	14	4.	*	1		0720	89	3.	*	1		1335	164	0.	*	1		1950	239	0.
1		0110	15	6.	*	1		0725	90	2.	*	1		1340	165	0.	*	1		1955	240	0.
1		0115	16	7.	*	1		0730	91	2.	*	1		1345	166	0.	*	1		2000	241	0.
1		0120	17	8.	*	1		0735	92	1.	*	1		1350	167	0.	*	1		2005	242	0.
1		0125	18	10.	*	1		0740	93	1.	*	1		1355	168	0.	*	1		2010	243	0.
1		0130	19	15.	*	1		0745	94	1.	*	1		1400	169	0.	*	1		2015	244	0.
1		0135	20	20.	*	1		0750	95	1.	*	1		1405	170	0.	*	1		2020	245	0.
1		0140	21	25.	*	1		0755	96	0.	*	1		1410	171	0.	*	1		2025	246	0.
1		0145	22	29.	*	1		0800	97	0.	*	1		1415	172	0.	*	1		2030	247	0.
1		0150	23	31.	*	1		0805	98	0.	*	1		1420	173	0.	*	1		2035	248	0.
1		0155	24	31.	*	1		0810	99	0.	*	1		1425	174	0.	*	1		2040	249	0.
1		0200	25	31.	*	1		0815	100	0.	*	1		1430	175	0.	*	1		2045	250	0.
1		0205	26	30.	*	1		0820	101	0.	*	1		1435	176	0.	*	1		2050	251	0.
1		0210	27	31.	*	1		0825	102	0.	*	1		1440	177	0.	*	1		2055	252	0.
1		0215	28	37.	*	1		0830	103	0.	*	1		1445	178	0.	*	1		2100	253	0.
1		0220	29	43.	*	1		0835	104	0.	*	1		1450	179	0.	*	1		2105	254	0.
1		0225	30	49.	*	1		0840	105	0.	*	1		1455	180	0.	*	1		2110	255	0.
1		0230	31	52.	*	1		0845	106	0.	*	1		1500	181	0.	*	1		2115	256	0.
1		0235	32	53.	*	1		0850	107	0.	*	1		1505	182	0.	*	1		2120	257	0.
1		0240	33	57.	*	1		0855	108	0.	*	1		1510	183	0.	*	1		2125	258	0.
1		0245	34	62.	*	1		0900	109	0.	*	1		1515	184	0.	*	1		2130	259	0.
1		0250	35	64.	*	1		0905	110	0.	*	1		1520	185	0.	*	1		2135	260	0.
1		0255	36	64.	*	1		0910	111	0.	*	1		1525	186	0.	*	1		2140	261	0.
1		0300	37	66.	*	1		0915	112	0.	*	1		1530	187	0.	*	1		2145	262	0.
1		0305	38	77.	*	1		0920	113	0.	*	1		1535	188	0.	*	1		2150	263	0.

												INT						
1	0310	39	97.	*	1	0925	114	0.	*	1	1540	189	0.	*	1	2155	264	0.
1	0315	40	136.	*	1	0930	115	0.	*	1	1545	190	0.	*	1	2200	265	0.
1	0320	41	210.	*	1	0935	116	0.	*	1	1550	191	0.	*	1	2205	266	0.
1	0325	42	316.	*	1	0940	117	0.	*	1	1555	192	0.	*	1	2210	267	0.
1	0330	43	457.	*	1	0945	118	0.	*	1	1600	193	0.	*	1	2215	268	0.
1	0335	44	579.	*	1	0950	119	0.	*	1	1605	194	0.	*	1	2220	269	0.
1	0340	45	658.	*	1	0955	120	0.	*	1	1610	195	0.	*	1	2225	270	0.
1	0345	46	708.	*	1	1000	121	0.	*	1	1615	196	0.	*	1	2230	271	0.
1	0350	47	719.	*	1	1005	122	0.	*	1	1620	197	0.	*	1	2235	272	0.
1	0355	48	707.	*	1	1010	123	0.	*	1	1625	198	0.	*	1	2240	273	0.
1	0400	49	681.	*	1	1015	124	0.	*	1	1630	199	0.	*	1	2245	274	0.
1	0405	50	643.	*	1	1020	125	0.	*	1	1635	200	0.	*	1	2250	275	0.
1	0410	51	593.	*	1	1025	126	0.	*	1	1640	201	0.	*	1	2255	276	0.
1	0415	52	535.	*	1	1030	127	0.	*	1	1645	202	0.	*	1	2300	277	0.
1	0420	53	477.	*	1	1035	128	0.	*	1	1650	203	0.	*	1	2305	278	0.
1	0425	54	423.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.
1	0430	55	384.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.
1	0435	56	358.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.
1	0440	57	338.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.
1	0445	58	320.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.
1	0450	59	311.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.
1	0455	60	301.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.
1	0500	61	286.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.
1	0505	62	268.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.
1	0510	63	247.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.
1	0515	64	224.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.
1	0520	65	200.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.
1	0525	66	178.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.
1	0530	67	156.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.
1	0535	68	135.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.
1	0540	69	116.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.
1	0545	70	100.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.
1	0550	71	86.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.
1	0555	72	74.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.
1	0600	73	64.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.
1	0605	74	56.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.
1	0610	75	48.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 719.	3.83		185.	46.	45.	45.
		(INCHES)	1.693	1.702	1.702	1.702
		(AC-FT)	92.	92.	92.	92.

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *DB2
SUM OF 3 HYDROGRAPHS
PLAN 1, RATIO = .54

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				*					*					*				
DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
					*						*						*					
1		0000	1	0.	*	1		0615	76	19.	*	1		1230	151	0.	*	1		1845	226	0.
1		0005	2	0.	*	1		0620	77	16.	*	1		1235	152	0.	*	1		1850	227	0.
1		0010	3	0.	*	1		0625	78	13.	*	1		1240	153	0.	*	1		1855	228	0.
1		0015	4	0.	*	1		0630	79	11.	*	1		1245	154	0.	*	1		1900	229	0.
1		0020	5	0.	*	1		0635	80	9.	*	1		1250	155	0.	*	1		1905	230	0.
1		0025	6	0.	*	1		0640	81	7.	*	1		1255	156	0.	*	1		1910	231	0.
1		0030	7	1.	*	1		0645	82	6.	*	1		1300	157	0.	*	1		1915	232	0.
1		0035	8	1.	*	1		0650	83	5.	*	1		1305	158	0.	*	1		1920	233	0.
1		0040	9	0.	*	1		0655	84	4.	*	1		1310	159	0.	*	1		1925	234	0.
1		0045	10	0.	*	1		0700	85	3.	*	1		1315	160	0.	*	1		1930	235	0.
1		0050	11	0.	*	1		0705	86	3.	*	1		1320	161	0.	*	1		1935	236	0.
1		0055	12	0.	*	1		0710	87	2.	*	1		1325	162	0.	*	1		1940	237	0.
1		0100	13	0.	*	1		0715	88	2.	*	1		1330	163	0.	*	1		1945	238	0.
1		0105	14	0.	*	1		0720	89	1.	*	1		1335	164	0.	*	1		1950	239	0.
1		0110	15	0.	*	1		0725	90	1.	*	1		1340	165	0.	*	1		1955	240	0.
1		0115	16	0.	*	1		0730	91	1.	*	1		1345	166	0.	*	1		2000	241	0.
1		0120	17	0.	*	1		0735	92	1.	*	1		1350	167	0.	*	1		2005	242	0.
1		0125	18	1.	*	1		0740	93	1.	*	1		1355	168	0.	*	1		2010	243	0.
1		0130	19	1.	*	1		0745	94	0.	*	1		1400	169	0.	*	1		2015	244	0.
1		0135	20	1.	*	1		0750	95	0.	*	1		1405	170	0.	*	1		2020	245	0.
1		0140	21	2.	*	1		0755	96	0.	*	1		1410	171	0.	*	1		2025	246	0.
1		0145	22	2.	*	1		0800	97	0.	*	1		1415	172	0.	*	1		2030	247	0.
1		0150	23	2.	*	1		0805	98	0.	*	1		1420	173	0.	*	1		2035	248	0.
1		0155	24	2.	*	1		0810	99	0.	*	1		1425	174	0.	*	1		2040	249	0.
1		0200	25	2.	*	1		0815	100	0.	*	1		1430	175	0.	*	1		2045	250	0.
1		0205	26	2.	*	1		0820	101	0.	*	1		1435	176	0.	*	1		2050	251	0.
1		0210	27	3.	*	1		0825	102	0.	*	1		1440	177	0.	*	1		2055	252	0.
1		0215	28	4.	*	1		0830	103	0.	*	1		1445	178	0.	*	1		2100	253	0.
1		0220	29	6.	*	1		0835	104	0.	*	1		1450	179	0.	*	1		2105	254	0.
1		0225	30	8.	*	1		0840	105	0.	*	1		1455	180	0.	*	1		2110	255	0.
1		0230	31	8.	*	1		0845	106	0.	*	1		1500	181	0.	*	1		2115	256	0.
1		0235	32	9.	*	1		0850	107	0.	*	1		1505	182	0.	*	1		2120	257	0.
1		0240	33	10.	*	1		0855	108	0.	*	1		1510	183	0.	*	1		2125	258	0.

									INT										
1	0245	34	12.	*	1	0900	109	0.	*	1	1515	184	0.	*	1	2130	259	0.	
1	0250	35	13.	*	1	0905	110	0.	*	1	1520	185	0.	*	1	2135	260	0.	
1	0255	36	13.	*	1	0910	111	0.	*	1	1525	186	0.	*	1	2140	261	0.	
1	0300	37	14.	*	1	0915	112	0.	*	1	1530	187	0.	*	1	2145	262	0.	
1	0305	38	19.	*	1	0920	113	0.	*	1	1535	188	0.	*	1	2150	263	0.	
1	0310	39	26.	*	1	0925	114	0.	*	1	1540	189	0.	*	1	2155	264	0.	
1	0315	40	41.	*	1	0930	115	0.	*	1	1545	190	0.	*	1	2200	265	0.	
1	0320	41	69.	*	1	0935	116	0.	*	1	1550	191	0.	*	1	2205	266	0.	
1	0325	42	111.	*	1	0940	117	0.	*	1	1555	192	0.	*	1	2210	267	0.	
1	0330	43	171.	*	1	0945	118	0.	*	1	1600	193	0.	*	1	2215	268	0.	
1	0335	44	223.	*	1	0950	119	0.	*	1	1605	194	0.	*	1	2220	269	0.	
1	0340	45	258.	*	1	0955	120	0.	*	1	1610	195	0.	*	1	2225	270	0.	
1	0345	46	282.	*	1	1000	121	0.	*	1	1615	196	0.	*	1	2230	271	0.	
1	0350	47	290.	*	1	1005	122	0.	*	1	1620	197	0.	*	1	2235	272	0.	
1	0355	48	288.	*	1	1010	123	0.	*	1	1625	198	0.	*	1	2240	273	0.	
1	0400	49	280.	*	1	1015	124	0.	*	1	1630	199	0.	*	1	2245	274	0.	
1	0405	50	267.	*	1	1020	125	0.	*	1	1635	200	0.	*	1	2250	275	0.	
1	0410	51	248.	*	1	1025	126	0.	*	1	1640	201	0.	*	1	2255	276	0.	
1	0415	52	225.	*	1	1030	127	0.	*	1	1645	202	0.	*	1	2300	277	0.	
1	0420	53	203.	*	1	1035	128	0.	*	1	1650	203	0.	*	1	2305	278	0.	
1	0425	54	182.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.	
1	0430	55	167.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.	
1	0435	56	158.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.	
1	0440	57	150.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.	
1	0445	58	144.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.	
1	0450	59	141.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.	
1	0455	60	138.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.	
1	0500	61	132.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.	
1	0505	62	124.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.	
1	0510	63	114.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.	
1	0515	64	104.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.	
1	0520	65	93.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.	
1	0525	66	83.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.	
1	0530	67	73.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.	
1	0535	68	63.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.	
1	0540	69	54.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.	
1	0545	70	47.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.	
1	0550	71	41.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.	
1	0555	72	35.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.	
1	0600	73	30.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.	
1	0605	74	26.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.	
1	0610	75	23.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.	
				*					*					*					

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 290.	3.83		74.	19.	18.	18.
		(INCHES)	.680	.681	.681	.681
		(AC-FT)	37.	37.	37.	37.

CUMULATIVE AREA = 1.01 SQ MI

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          *            *
84 KK     *     *RDB2  *
          *            *
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87 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE

HYDROGRAPH ROUTING DATA

88 RS STORAGE ROUTING

NSTPS	1	NUMBER OF SUBREACHES
ITYP	ELEV	TYPE OF INITIAL CONDITION
RSVRIC	2992.00	INITIAL CONDITION
X	.00	WORKING R AND D COEFFICIENT

89 SV	STORAGE	.0	2.3	7.6	24.3	46.3	73.8	107.1	146.8	193.0
90 SE	ELEVATION	2992.00	2993.00	2995.00	3000.00	3005.00	3010.00	3015.00	3020.00	3025.00
91 SQ	DISCHARGE	0.	44.	51.	65.	84.	99.	521.	3466.	7888.
92 SE	ELEVATION	2992.00	2993.00	2995.00	3000.00	3009.00	3018.00	3019.00	3022.00	3025.00

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COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	2.34	7.60	24.30	46.28	68.28	73.78	107.11	130.89	138.82
OUTFLOW	.00	44.44	51.05	64.70	75.33	83.84	85.56	94.19	99.36	520.90

INT

ELEVATION	2992.00	2993.00	2995.00	3000.00	3005.00	3009.00	3010.00	3015.00	3018.00	3019.00
STORAGE	146.75	165.26	193.03							
OUTFLOW	1502.43	3465.50	7888.40							
ELEVATION	3020.00	3022.00	3025.00							

HYDROGRAPH AT STATION *RDB2
PLAN 1, RATIO = 1.00

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	1		0820	101	81.	61.2	3007.7	1		1640	201	56.	13.3	2996.7
1		0005	2	0.	.0	2992.0	1		0825	102	81.	60.6	3007.6	1		1645	202	55.	12.9	2996.6
1		0010	3	0.	.0	2992.0	1		0830	103	81.	60.1	3007.5	1		1650	203	55.	12.5	2996.5
1		0015	4	0.	.0	2992.0	1		0835	104	80.	59.5	3007.4	1		1655	204	55.	12.1	2996.4
1		0020	5	0.	.0	2992.0	1		0840	105	80.	59.0	3007.3	1		1700	205	54.	11.8	2996.2
1		0025	6	1.	.0	2992.0	1		0845	106	80.	58.4	3007.2	1		1705	206	54.	11.4	2996.1
1		0030	7	1.	.1	2992.0	1		0850	107	80.	57.9	3007.1	1		1710	207	54.	11.0	2996.0
1		0035	8	2.	.1	2992.0	1		0855	108	80.	57.3	3007.0	1		1715	208	54.	10.7	2995.9
1		0040	9	3.	.1	2992.1	1		0900	109	79.	56.8	3006.9	1		1720	209	53.	10.3	2995.8
1		0045	10	3.	.2	2992.1	1		0905	110	79.	56.2	3006.8	1		1725	210	53.	9.9	2995.7
1		0050	11	4.	.2	2992.1	1		0910	111	79.	55.7	3006.7	1		1730	211	53.	9.6	2995.6
1		0055	12	4.	.2	2992.1	1		0915	112	79.	55.1	3006.6	1		1735	212	52.	9.2	2995.5
1		0100	13	4.	.2	2992.1	1		0920	113	79.	54.6	3006.5	1		1740	213	52.	8.8	2995.4
1		0105	14	4.	.2	2992.1	1		0925	114	78.	54.1	3006.4	1		1745	214	52.	8.5	2995.3
1		0110	15	5.	.3	2992.1	1		0930	115	78.	53.5	3006.3	1		1750	215	51.	8.1	2995.2
1		0115	16	5.	.3	2992.1	1		0935	116	78.	53.0	3006.2	1		1755	216	51.	7.8	2995.0
1		0120	17	6.	.3	2992.1	1		0940	117	78.	52.5	3006.1	1		1800	217	51.	7.4	2994.9
1		0125	18	6.	.3	2992.1	1		0945	118	78.	51.9	3006.0	1		1805	218	50.	7.1	2994.8
1		0130	19	7.	.4	2992.2	1		0950	119	77.	51.4	3005.9	1		1810	219	50.	6.7	2994.7
1		0135	20	9.	.5	2992.2	1		0955	120	77.	50.9	3005.8	1		1815	220	50.	6.4	2994.5
1		0140	21	11.	.6	2992.3	1		1000	121	77.	50.3	3005.7	1		1820	221	49.	6.0	2994.4
1		0145	22	14.	.7	2992.3	1		1005	122	77.	49.8	3005.6	1		1825	222	49.	5.7	2994.3
1		0150	23	16.	.9	2992.4	1		1010	123	76.	49.3	3005.5	1		1830	223	48.	5.4	2994.2
1		0155	24	19.	1.0	2992.4	1		1015	124	76.	48.7	3005.4	1		1835	224	48.	5.0	2994.0
1		0200	25	21.	1.1	2992.5	1		1020	125	76.	48.2	3005.4	1		1840	225	47.	4.7	2993.9
1		0205	26	23.	1.2	2992.5	1		1025	126	76.	47.7	3005.3	1		1845	226	47.	4.4	2993.8
1		0210	27	24.	1.3	2992.5	1		1030	127	76.	47.2	3005.2	1		1850	227	47.	4.1	2993.7
1		0215	28	26.	1.4	2992.6	1		1035	128	75.	46.6	3005.1	1		1855	228	46.	3.7	2993.5
1		0220	29	28.	1.5	2992.6	1		1040	129	75.	46.1	3005.0	1		1900	229	46.	3.4	2993.4
1		0225	30	31.	1.6	2992.7	1		1045	130	75.	45.6	3004.8	1		1905	230	45.	3.1	2993.3
1		0230	31	34.	1.8	2992.8	1		1050	131	75.	45.1	3004.7	1		1910	231	45.	2.8	2993.2
1		0235	32	37.	2.0	2992.8	1		1055	132	75.	44.6	3004.6	1		1915	232	45.	2.5	2993.1
1		0240	33	40.	2.1	2992.9	1		1100	133	74.	44.1	3004.5	1		1920	233	42.	2.2	2992.9
1		0245	34	44.	2.3	2993.0	1		1105	134	74.	43.6	3004.4	1		1925	234	37.	1.9	2992.8
1		0250	35	45.	2.5	2993.0	1		1110	135	74.	43.1	3004.3	1		1930	235	32.	1.7	2992.7
1		0255	36	45.	2.7	2993.1	1		1115	136	74.	42.5	3004.1	1		1935	236	28.	1.5	2992.6
1		0300	37	45.	2.8	2993.2	1		1120	137	73.	42.0	3004.0	1		1940	237	25.	1.3	2992.6
1		0305	38	45.	3.1	2993.3	1		1125	138	73.	41.5	3003.9	1		1945	238	22.	1.1	2992.5
1		0310	39	46.	3.4	2993.4	1		1130	139	73.	41.0	3003.8	1		1950	239	19.	1.0	2992.4
1		0315	40	47.	4.0	2993.6	1		1135	140	73.	40.5	3003.7	1		1955	240	17.	.9	2992.4
1		0320	41	48.	5.0	2994.0	1		1140	141	72.	40.0	3003.6	1		2000	241	15.	.8	2992.3
1		0325	42	50.	6.6	2994.6	1		1145	142	72.	39.5	3003.5	1		2005	242	13.	.7	2992.3
1		0330	43	52.	9.1	2995.5	1		1150	143	72.	39.0	3003.4	1		2010	243	11.	.6	2992.3
1		0335	44	55.	12.6	2996.5	1		1155	144	72.	38.5	3003.2	1		2015	244	10.	.5	2992.2
1		0340	45	59.	16.8	2997.8	1		1200	145	71.	38.1	3003.1	1		2020	245	9.	.5	2992.2
1		0345	46	62.	21.5	2999.2	1		1205	146	71.	37.6	3003.0	1		2025	246	8.	.4	2992.2
1		0350	47	66.	26.3	3000.5	1		1210	147	71.	37.1	3002.9	1		2030	247	7.	.4	2992.1
1		0355	48	68.	31.1	3001.6	1		1215	148	71.	36.6	3002.8	1		2035	248	6.	.3	2992.1
1		0400	49	70.	35.8	3002.6	1		1220	149	70.	36.1	3002.7	1		2040	249	5.	.3	2992.1
1		0405	50	72.	40.2	3003.6	1		1225	150	70.	35.6	3002.6	1		2045	250	4.	.2	2992.1
1		0410	51	74.	44.3	3004.5	1		1230	151	70.	35.1	3002.5	1		2050	251	4.	.2	2992.1
1		0415	52	76.	47.9	3005.3	1		1235	152	70.	34.7	3002.4	1		2055	252	3.	.2	2992.1
1		0420	53	77.	51.1	3005.9	1		1240	153	69.	34.2	3002.2	1		2100	253	3.	.2	2992.1
1		0425	54	78.	53.9	3006.4	1		1245	154	69.	33.7	3002.1	1		2105	254	3.	.1	2992.1
1		0430	55	79.	56.3	3006.8	1		1250	155	69.	33.2	3002.0	1		2110	255	2.	.1	2992.1
1		0435	56	80.	58.5	3007.2	1		1255	156	69.	32.7	3001.9	1		2115	256	2.	.1	2992.0
1		0440	57	81.	60.5	3007.6	1		1300	157	69.	32.3	3001.8	1		2120	257	2.	.1	2992.0
1		0445	58	82.	62.4	3007.9	1		1305	158	68.	31.8	3001.7	1		2125	258	2.	.1	2992.0
1		0450	59	82.	64.2	3008.2	1		1310	159	68.	31.3	3001.6	1		2130	259	1.	.1	2992.0
1		0455	60	83.	65.8	3008.6	1		1315	160	68.	30.9	3001.5	1		2135	260	1.	.1	2992.0
1		0500	61	84.	67.4	3008.8	1		1320	161	68.	30.4	3001.4	1		2140	261	1.	.1	2992.0
1		0505	62	84.	68.9	3009.1	1		1325	162	67.	29.9	3001.3	1		2145	262	1.	.0	2992.0
1		0510	63	84.	70.2	3009.3	1		1330	163	67.	29.5	3001.2	1		2150	263	1.	.0	2992.0
1		0515	64	85.	71.3	3009.6	1		1335	164	67.	29.0	3001.1	1		2155	264	1.	.0	2992.0
1		0520	65	85.	72.3	3009.7	1		1340	165	67.	28.5	3001.0	1		2200	265	1.	.0	2992.0
1		0525	66	85.	73.1	3009.9	1		1345	166	67.	28.1	3000.9	1		2205	266	1.	.0	2992.0
1		0530	67	86.	73.7	3010.0	1		1350	167	66.	27.6	3000.8	1		2210	267	0.	.0	2992.0
1		0535	68	86.	74.2	3010.1	1		1355	168	66.	27.2	3000.7	1		2215	268	0.	.0	2992.0
1		0540	69	86.	74.5	3010.1	1		1400	169	66.	26.7	3000.6	1		2220	269	0.	.0	2992.0
1		0545	70	86.	74.7	3010.1	1		1405	170	66.	26.3	3000.4	1		2225	270	0.	.0	2992.0
1		0550	71	86.	74.8	3010.2	1		1410	171	65.	25.8	3000.3	1		2230	271	0.	.0	2992.0
1		0555	72	86.	74.8	3010.2	1		1415	172	65.	25.4	3000.2	1		2235	272	0.	.0	2992.0
1		0600	73	86.	74.7	3010.1	1		1420	173	65.	24.9	3000.1	1		2240	273	0.	.0	2992.0
1		0605	74	86.	74.6	3010.1	1		1425	174	65.	24.5	3000.0	1		2245	274	0.	.0	2992.0
1		0610	75	86.	74.4	3010.1	1		1430	175	64.	24.0	2999.9	1		2250	275	0.	.0	2992.0
1		0615	76	86.	74.1	3010.1	1		1435	176	64.	23.6	2999.8	1		2255	276	0.	.0	2992.0
1		0620	77	86.	73.8	3010.0	1		1440	177	64.	23.1	2999.7	1		2300	277	0.	.0	2992.0
1		0625	78	85.	73.4	3009.9	1		1445	178	63.	22.7	2999.5	1		2305	278	0.	.0	2992.0
1		0630	79	85.	73.0	3009.9	1		1450	179	63.	22.3	2999.4	1		2310	279	0.	.0	2992.0

												INT							
1	0635	80	85.	72.6	3009.8	*	1	1455	180	63.	21.8	2999.3	*	1	2315	280	0.	.0	2992.0
1	0640	81	85.	72.1	3009.7	*	1	1500	181	62.	21.4	2999.1	*	1	2320	281	0.	.0	2992.0
1	0645	82	85.	71.7	3009.6	*	1	1505	182	62.	21.0	2999.0	*	1	2325	282	0.	.0	2992.0
1	0650	83	85.	71.2	3009.5	*	1	1510	183	62.	20.6	2998.9	*	1	2330	283	0.	.0	2992.0
1	0655	84	85.	70.6	3009.4	*	1	1515	184	61.	20.1	2998.8	*	1	2335	284	0.	.0	2992.0
1	0700	85	84.	70.1	3009.3	*	1	1520	185	61.	19.7	2998.6	*	1	2340	285	0.	.0	2992.0
1	0705	86	84.	69.6	3009.2	*	1	1525	186	61.	19.3	2998.5	*	1	2345	286	0.	.0	2992.0
1	0710	87	84.	69.0	3009.1	*	1	1530	187	60.	18.9	2998.4	*	1	2350	287	0.	.0	2992.0
1	0715	88	84.	68.5	3009.0	*	1	1535	188	60.	18.5	2998.3	*	1	2355	288	0.	.0	2992.0
1	0720	89	84.	67.9	3008.9	*	1	1540	189	60.	18.0	2998.1	*	2	0000	289	0.	.0	2992.0
1	0725	90	83.	67.4	3008.8	*	1	1545	190	59.	17.6	2998.0	*	2	0005	290	0.	.0	2992.0
1	0730	91	83.	66.8	3008.7	*	1	1550	191	59.	17.2	2997.9	*	2	0010	291	0.	.0	2992.0
1	0735	92	83.	66.3	3008.6	*	1	1555	192	59.	16.8	2997.8	*	2	0015	292	0.	.0	2992.0
1	0740	93	83.	65.7	3008.5	*	1	1600	193	58.	16.4	2997.6	*	2	0020	293	0.	.0	2992.0
1	0745	94	83.	65.1	3008.4	*	1	1605	194	58.	16.0	2997.5	*	2	0025	294	0.	.0	2992.0
1	0750	95	82.	64.6	3008.3	*	1	1610	195	58.	15.6	2997.4	*	2	0030	295	0.	.0	2992.0
1	0755	96	82.	64.0	3008.2	*	1	1615	196	57.	15.2	2997.3	*	2	0035	296	0.	.0	2992.0
1	0800	97	82.	63.4	3008.1	*	1	1620	197	57.	14.8	2997.2	*	2	0040	297	0.	.0	2992.0
1	0805	98	82.	62.9	3008.0	*	1	1625	198	57.	14.4	2997.0	*	2	0045	298	0.	.0	2992.0
1	0810	99	82.	62.3	3007.9	*	1	1630	199	56.	14.1	2996.9	*	2	0050	299	0.	.0	2992.0
1	0815	100	81.	61.8	3007.8	*	1	1635	200	56.	13.7	2996.8	*	2	0055	300	0.	.0	2992.0
						*							*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 86.	5.83		82.	50.	48.	48.
		(INCHES)	.752	1.835	1.835	1.835
		(AC-FT)	41.	99.	99.	99.

PEAK STORAGE	TIME		MAXIMUM AVERAGE STORAGE			
			6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)					
75.	5.83		64.	26.	25.	25.

PEAK STAGE	TIME		MAXIMUM AVERAGE STAGE			
			6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)					
3010.16	5.83		3008.18	2999.20	2998.93	2998.93

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *RDB2
PLAN 1, RATIO = .99

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
							*								*							
1		0000	1	0.	.0	2992.0	*	1		0820	101	81.	60.0	3007.5	*	1		1640	201	55.	12.5	2996.5
1		0005	2	0.	.0	2992.0	*	1		0825	102	80.	59.5	3007.4	*	1		1645	202	55.	12.1	2996.3
1		0010	3	0.	.0	2992.0	*	1		0830	103	80.	58.9	3007.3	*	1		1650	203	54.	11.7	2996.2
1		0015	4	0.	.0	2992.0	*	1		0835	104	80.	58.3	3007.2	*	1		1655	204	54.	11.3	2996.1
1		0020	5	0.	.0	2992.0	*	1		0840	105	80.	57.8	3007.1	*	1		1700	205	54.	11.0	2996.0
1		0025	6	1.	.0	2992.0	*	1		0845	106	80.	57.2	3007.0	*	1		1705	206	54.	10.6	2995.9
1		0030	7	1.	.1	2992.0	*	1		0850	107	79.	56.7	3006.9	*	1		1710	207	53.	10.2	2995.8
1		0035	8	2.	.1	2992.0	*	1		0855	108	79.	56.2	3006.8	*	1		1715	208	53.	9.9	2995.7
1		0040	9	2.	.1	2992.1	*	1		0900	109	79.	55.6	3006.7	*	1		1720	209	53.	9.5	2995.6
1		0045	10	3.	.2	2992.1	*	1		0905	110	79.	55.1	3006.6	*	1		1725	210	52.	9.1	2995.5
1		0050	11	3.	.2	2992.1	*	1		0910	111	79.	54.5	3006.5	*	1		1730	211	52.	8.8	2995.4
1		0055	12	4.	.2	2992.1	*	1		0915	112	78.	54.0	3006.4	*	1		1735	212	52.	8.4	2995.2
1		0100	13	4.	.2	2992.1	*	1		0920	113	78.	53.4	3006.3	*	1		1740	213	51.	8.1	2995.1
1		0105	14	4.	.2	2992.1	*	1		0925	114	78.	52.9	3006.2	*	1		1745	214	51.	7.7	2995.0
1		0110	15	5.	.2	2992.1	*	1		0930	115	78.	52.4	3006.1	*	1		1750	215	51.	7.4	2994.9
1		0115	16	5.	.3	2992.1	*	1		0935	116	77.	51.8	3006.0	*	1		1755	216	50.	7.0	2994.8
1		0120	17	5.	.3	2992.1	*	1		0940	117	77.	51.3	3005.9	*	1		1800	217	50.	6.7	2994.6
1		0125	18	6.	.3	2992.1	*	1		0945	118	77.	50.8	3005.8	*	1		1805	218	49.	6.3	2994.5
1		0130	19	7.	.4	2992.2	*	1		0950	119	77.	50.2	3005.7	*	1		1810	219	49.	6.0	2994.4
1		0135	20	9.	.5	2992.2	*	1		0955	120	77.	49.7	3005.6	*	1		1815	220	49.	5.7	2994.3
1		0140	21	11.	.6	2992.2	*	1		1000	121	76.	49.2	3005.5	*	1		1820	221	48.	5.3	2994.1
1		0145	22	13.	.7	2992.3	*	1		1005	122	76.	48.7	3005.4	*	1		1825	222	48.	5.0	2994.0
1		0150	23	16.	.8	2992.4	*	1		1010	123	76.	48.1	3005.3	*	1		1830	223	47.	4.7	2993.9
1		0155	24	18.	1.0	2992.4	*	1		1015	124	76.	47.6	3005.2	*	1		1835	224	47.	4.3	2993.8
1		0200	25	20.	1.1	2992.5	*	1		1020	125	76.	47.1	3005.1	*	1		1840	225	47.	4.0	2993.6
1		0205	26	22.	1.2	2992.5	*	1		1025	126	75.	46.6	3005.1	*	1		1845	226	46.	3.7	2993.5
1		0210	27	23.	1.2	2992.5	*	1		1030	127	75.	46.1	3004.9	*	1		1850	227	46.	3.4	2993.4
1		0215	28	25.	1.3	2992.6	*	1		1035	128	75.	45.5	3004.8	*	1		1855	228	45.	3.1	2993.3
1		0220	29	27.	1.4	2992.6	*	1		1040	129	75.	45.0	3004.7	*	1		1900	229	45.	2.8	2993.2
1		0225	30	30.	1.6	2992.7	*	1		1045	130	74.	44.5	3004.6	*	1		1905	230	45.	2.4	2993.0
1		0230	31	33.	1.8	2992.8	*	1		1050	131	74.	44.0	3004.5	*	1		1910	231	41.	2.2	2992.9
1		0235	32	36.	1.9	2992.8	*	1		1055	132	74.	43.5	3004.4	*	1		1915	232	36.	1.9	2992.8
1		0240	33	39.	2.1	2992.9	*	1		1100	133	74.	43.0	3004.2	*	1		1920	233	31.	1.7	2992.7
1		0245	34	42.	2.2	2993.0	*	1		1105	134	73.	42.5	3004.1	*	1		1925	234	28.	1.5	2992.6
1		0250	35	45.	2.4	2993.0	*	1		1110	135	73.	42.0	3004.0	*	1		1930	235	24.	1.3	2992.5
1		0255	36	45.	2.6	2993.1	*	1		1115	136	73.	41.5	3003.9	*	1		1935	236	21.	1.1	2992.5
1		0300	37	45.	2.8	2993.2	*	1		1120	137	73.	41.0	3003.8	*	1		1940	237	19.	1.0	2992.4
1		0305	38	45.	3.0	2993.2	*	1		1125	138	73.	40.5	3003.7	*	1		1945	238	16.	.9	2992.4
1		0310	39	46.	3.3	2993.4	*	1		1130	139	72.	40.0	3003.6	*	1		1950	239	14.	.8	2992.3
1		0315	40	46.	3.9	2993.6	*	1		1135	140	72.	39.5	3003.4	*	1		1955	240	13.	.7	2992.3

											INT								
1	0320	41	48.	4.8	2993.9	*	1	1140	141	72.	39.0	3003.3	*	1	2000	241	11.	.6	2992.2
1	0325	42	50.	6.4	2994.6	*	1	1145	142	72.	38.5	3003.2	*	1	2005	242	10.	.5	2992.2
1	0330	43	52.	8.9	2995.4	*	1	1150	143	71.	38.0	3003.1	*	1	2010	243	8.	.4	2992.2
1	0335	44	55.	12.3	2996.4	*	1	1155	144	71.	37.5	3003.0	*	1	2015	244	7.	.4	2992.2
1	0340	45	58.	16.5	2997.7	*	1	1200	145	71.	37.0	3002.9	*	1	2020	245	7.	.3	2992.1
1	0345	46	62.	21.1	2999.0	*	1	1205	146	71.	36.5	3002.8	*	1	2025	246	6.	.3	2992.1
1	0350	47	65.	25.8	3000.3	*	1	1210	147	70.	36.0	3002.7	*	1	2030	247	5.	.3	2992.1
1	0355	48	68.	30.6	3001.4	*	1	1215	148	70.	35.5	3002.6	*	1	2035	248	4.	.2	2992.1
1	0400	49	70.	35.2	3002.5	*	1	1220	149	70.	35.1	3002.4	*	1	2040	249	4.	.2	2992.1
1	0405	50	72.	39.5	3003.5	*	1	1225	150	70.	34.6	3002.3	*	1	2045	250	3.	.2	2992.1
1	0410	51	74.	43.5	3004.4	*	1	1230	151	69.	34.1	3002.2	*	1	2050	251	3.	.2	2992.1
1	0415	52	76.	47.1	3005.2	*	1	1235	152	69.	33.6	3002.1	*	1	2055	252	3.	.1	2992.1
1	0420	53	77.	50.3	3005.7	*	1	1240	153	69.	33.2	3002.0	*	1	2100	253	2.	.1	2992.1
1	0425	54	78.	53.0	3006.2	*	1	1245	154	69.	32.7	3001.9	*	1	2105	254	2.	.1	2992.0
1	0430	55	79.	55.4	3006.7	*	1	1250	155	69.	32.2	3001.8	*	1	2110	255	2.	.1	2992.0
1	0435	56	80.	57.6	3007.1	*	1	1255	156	68.	31.7	3001.7	*	1	2115	256	2.	.1	2992.0
1	0440	57	80.	59.5	3007.4	*	1	1300	157	68.	31.3	3001.6	*	1	2120	257	1.	.1	2992.0
1	0445	58	81.	61.4	3007.7	*	1	1305	158	68.	30.8	3001.5	*	1	2125	258	1.	.1	2992.0
1	0450	59	82.	63.1	3008.1	*	1	1310	159	68.	30.3	3001.4	*	1	2130	259	1.	.1	2992.0
1	0455	60	82.	64.8	3008.4	*	1	1315	160	67.	29.9	3001.3	*	1	2135	260	1.	.0	2992.0
1	0500	61	83.	66.3	3008.6	*	1	1320	161	67.	29.4	3001.2	*	1	2140	261	1.	.0	2992.0
1	0505	62	84.	67.8	3008.9	*	1	1325	162	67.	28.9	3001.1	*	1	2145	262	1.	.0	2992.0
1	0510	63	84.	69.0	3009.1	*	1	1330	163	67.	28.5	3001.0	*	1	2150	263	1.	.0	2992.0
1	0515	64	84.	70.2	3009.3	*	1	1335	164	67.	28.0	3000.8	*	1	2155	264	1.	.0	2992.0
1	0520	65	85.	71.1	3009.5	*	1	1340	165	66.	27.6	3000.7	*	1	2200	265	0.	.0	2992.0
1	0525	66	85.	71.9	3009.7	*	1	1345	166	66.	27.1	3000.6	*	1	2205	266	0.	.0	2992.0
1	0530	67	85.	72.5	3009.8	*	1	1350	167	66.	26.7	3000.5	*	1	2210	267	0.	.0	2992.0
1	0535	68	85.	73.0	3009.9	*	1	1355	168	66.	26.2	3000.4	*	1	2215	268	0.	.0	2992.0
1	0540	69	85.	73.3	3009.9	*	1	1400	169	65.	25.8	3000.3	*	1	2220	269	0.	.0	2992.0
1	0545	70	85.	73.5	3010.0	*	1	1405	170	65.	25.3	3000.2	*	1	2225	270	0.	.0	2992.0
1	0550	71	86.	73.6	3010.0	*	1	1410	171	65.	24.9	3000.1	*	1	2230	271	0.	.0	2992.0
1	0555	72	86.	73.6	3010.0	*	1	1415	172	65.	24.4	3000.0	*	1	2235	272	0.	.0	2992.0
1	0600	73	85.	73.5	3009.9	*	1	1420	173	64.	24.0	2999.9	*	1	2240	273	0.	.0	2992.0
1	0605	74	85.	73.4	3009.9	*	1	1425	174	64.	23.5	2999.8	*	1	2245	274	0.	.0	2992.0
1	0610	75	85.	73.1	3009.9	*	1	1430	175	64.	23.1	2999.6	*	1	2250	275	0.	.0	2992.0
1	0615	76	85.	72.9	3009.8	*	1	1435	176	63.	22.6	2999.5	*	1	2255	276	0.	.0	2992.0
1	0620	77	85.	72.5	3009.8	*	1	1440	177	63.	22.2	2999.4	*	1	2300	277	0.	.0	2992.0
1	0625	78	85.	72.2	3009.7	*	1	1445	178	63.	21.8	2999.2	*	1	2305	278	0.	.0	2992.0
1	0630	79	85.	71.8	3009.6	*	1	1450	179	62.	21.3	2999.1	*	1	2310	279	0.	.0	2992.0
1	0635	80	85.	71.4	3009.6	*	1	1455	180	62.	20.9	2999.0	*	1	2315	280	0.	.0	2992.0
1	0640	81	85.	70.9	3009.5	*	1	1500	181	62.	20.5	2998.9	*	1	2320	281	0.	.0	2992.0
1	0645	82	85.	70.4	3009.4	*	1	1505	182	61.	20.1	2998.7	*	1	2325	282	0.	.0	2992.0
1	0650	83	84.	69.9	3009.3	*	1	1510	183	61.	19.6	2998.6	*	1	2330	283	0.	.0	2992.0
1	0655	84	84.	69.4	3009.2	*	1	1515	184	61.	19.2	2998.5	*	1	2335	284	0.	.0	2992.0
1	0700	85	84.	68.9	3009.1	*	1	1520	185	60.	18.8	2998.4	*	1	2340	285	0.	.0	2992.0
1	0705	86	84.	68.3	3009.0	*	1	1525	186	60.	18.4	2998.2	*	1	2345	286	0.	.0	2992.0
1	0710	87	84.	67.8	3008.9	*	1	1530	187	60.	18.0	2998.1	*	1	2350	287	0.	.0	2992.0
1	0715	88	83.	67.3	3008.8	*	1	1535	188	59.	17.6	2998.0	*	1	2355	288	0.	.0	2992.0
1	0720	89	83.	66.7	3008.7	*	1	1540	189	59.	17.2	2997.9	*	2	0000	289	0.	.0	2992.0
1	0725	90	83.	66.1	3008.6	*	1	1545	190	59.	16.8	2997.7	*	2	0005	290	0.	.0	2992.0
1	0730	91	83.	65.6	3008.5	*	1	1550	191	58.	16.4	2997.6	*	2	0010	291	0.	.0	2992.0
1	0735	92	83.	65.0	3008.4	*	1	1555	192	58.	16.0	2997.5	*	2	0015	292	0.	.0	2992.0
1	0740	93	82.	64.5	3008.3	*	1	1600	193	58.	15.6	2997.4	*	2	0020	293	0.	.0	2992.0
1	0745	94	82.	63.9	3008.2	*	1	1605	194	57.	15.2	2997.3	*	2	0025	294	0.	.0	2992.0
1	0750	95	82.	63.4	3008.1	*	1	1610	195	57.	14.8	2997.2	*	2	0030	295	0.	.0	2992.0
1	0755	96	82.	62.8	3008.0	*	1	1615	196	57.	14.4	2997.0	*	2	0035	296	0.	.0	2992.0
1	0800	97	82.	62.2	3007.9	*	1	1620	197	56.	14.0	2996.9	*	2	0040	297	0.	.0	2992.0
1	0805	98	81.	61.7	3007.8	*	1	1625	198	56.	13.6	2996.8	*	2	0045	298	0.	.0	2992.0
1	0810	99	81.	61.1	3007.7	*	1	1630	199	56.	13.2	2996.7	*	2	0050	299	0.	.0	2992.0
1	0815	100	81.	60.6	3007.6	*	1	1635	200	55.	12.8	2996.6	*	2	0055	300	0.	.0	2992.0
						*							*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 86.	5.83		82.	49.	47.	47.
		(INCHES)	.748	1.808	1.808	1.808
		(AC-FT)	40.	98.	98.	98.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
74.	5.83	63.	25.	24.	24.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
3009.97	5.83	3007.97	2999.04	2998.78	2998.78

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *RDB2
PLAN 1, RATIO = .98

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	1		0820	101	80.	58.2	3007.2	1		1640	201	54.	11.3	2996.1

												INT							
1	0005	2	0.	.0	2992.0	*	1	0825	102	80.	57.7	3007.1	*	1	1645	202	54.	10.9	2996.0
1	0010	3	0.	.0	2992.0	*	1	0830	103	80.	57.1	3007.0	*	1	1650	203	53.	10.5	2995.9
1	0015	4	0.	.0	2992.0	*	1	0835	104	79.	56.6	3006.9	*	1	1655	204	53.	10.2	2995.8
1	0020	5	0.	.0	2992.0	*	1	0840	105	79.	56.0	3006.8	*	1	1700	205	53.	9.8	2995.7
1	0025	6	1.	.0	2992.0	*	1	0845	106	79.	55.5	3006.7	*	1	1705	206	53.	9.4	2995.5
1	0030	7	1.	.1	2992.0	*	1	0850	107	79.	55.0	3006.6	*	1	1710	207	52.	9.1	2995.4
1	0035	8	2.	.1	2992.0	*	1	0855	108	78.	54.4	3006.5	*	1	1715	208	52.	8.7	2995.3
1	0040	9	2.	.1	2992.1	*	1	0900	109	78.	53.9	3006.4	*	1	1720	209	52.	8.4	2995.2
1	0045	10	3.	.1	2992.1	*	1	0905	110	78.	53.3	3006.3	*	1	1725	210	51.	8.0	2995.1
1	0050	11	3.	.2	2992.1	*	1	0910	111	78.	52.8	3006.2	*	1	1730	211	51.	7.6	2995.0
1	0055	12	3.	.2	2992.1	*	1	0915	112	78.	52.3	3006.1	*	1	1735	212	51.	7.3	2994.9
1	0100	13	4.	.2	2992.1	*	1	0920	113	77.	51.7	3006.0	*	1	1740	213	50.	6.9	2994.8
1	0105	14	4.	.2	2992.1	*	1	0925	114	77.	51.2	3005.9	*	1	1745	214	50.	6.6	2994.6
1	0110	15	4.	.2	2992.1	*	1	0930	115	77.	50.7	3005.8	*	1	1750	215	49.	6.3	2994.5
1	0115	16	4.	.2	2992.1	*	1	0935	116	77.	50.1	3005.7	*	1	1755	216	49.	5.9	2994.4
1	0120	17	5.	.3	2992.1	*	1	0940	117	77.	49.6	3005.6	*	1	1800	217	49.	5.6	2994.2
1	0125	18	6.	.3	2992.1	*	1	0945	118	76.	49.1	3005.5	*	1	1805	218	48.	5.3	2994.1
1	0130	19	7.	.3	2992.1	*	1	0950	119	76.	48.6	3005.4	*	1	1810	219	48.	4.9	2994.0
1	0135	20	8.	.4	2992.2	*	1	0955	120	76.	48.0	3005.3	*	1	1815	220	47.	4.6	2993.9
1	0140	21	10.	.5	2992.2	*	1	1000	121	76.	47.5	3005.2	*	1	1820	221	47.	4.3	2993.7
1	0145	22	12.	.7	2992.3	*	1	1005	122	76.	47.0	3005.1	*	1	1825	222	46.	4.0	2993.6
1	0150	23	15.	.8	2992.3	*	1	1010	123	75.	46.5	3005.0	*	1	1830	223	46.	3.6	2993.5
1	0155	24	17.	.9	2992.4	*	1	1015	124	75.	45.9	3004.9	*	1	1835	224	46.	3.3	2993.4
1	0200	25	19.	1.0	2992.4	*	1	1020	125	75.	45.4	3004.8	*	1	1840	225	45.	3.0	2993.3
1	0205	26	21.	1.1	2992.5	*	1	1025	126	75.	44.9	3004.7	*	1	1845	226	45.	2.7	2993.1
1	0210	27	22.	1.2	2992.5	*	1	1030	127	74.	44.4	3004.6	*	1	1850	227	44.	2.4	2993.0
1	0215	28	24.	1.3	2992.5	*	1	1035	128	74.	43.9	3004.5	*	1	1855	228	40.	2.1	2992.9
1	0220	29	26.	1.4	2992.6	*	1	1040	129	74.	43.4	3004.3	*	1	1900	229	35.	1.8	2992.8
1	0225	30	29.	1.5	2992.7	*	1	1045	130	74.	42.9	3004.2	*	1	1905	230	31.	1.6	2992.7
1	0230	31	32.	1.7	2992.7	*	1	1050	131	73.	42.4	3004.1	*	1	1910	231	27.	1.4	2992.6
1	0235	32	35.	1.8	2992.8	*	1	1055	132	73.	41.9	3004.0	*	1	1915	232	24.	1.2	2992.5
1	0240	33	38.	2.0	2992.9	*	1	1100	133	73.	41.4	3003.9	*	1	1920	233	21.	1.1	2992.5
1	0245	34	41.	2.2	2992.9	*	1	1105	134	73.	40.9	3003.8	*	1	1925	234	18.	1.0	2992.4
1	0250	35	44.	2.3	2993.0	*	1	1110	135	72.	40.4	3003.7	*	1	1930	235	16.	.8	2992.4
1	0255	36	45.	2.5	2993.1	*	1	1115	136	72.	39.9	3003.5	*	1	1935	236	14.	.7	2992.3
1	0300	37	45.	2.6	2993.1	*	1	1120	137	72.	39.4	3003.4	*	1	1940	237	12.	.6	2992.3
1	0305	38	45.	2.8	2993.2	*	1	1125	138	72.	38.9	3003.3	*	1	1945	238	11.	.6	2992.2
1	0310	39	45.	3.2	2993.3	*	1	1130	139	72.	38.4	3003.2	*	1	1950	239	9.	.5	2992.2
1	0315	40	46.	3.7	2993.5	*	1	1135	140	71.	37.9	3003.1	*	1	1955	240	8.	.4	2992.2
1	0320	41	47.	4.6	2993.9	*	1	1140	141	71.	37.4	3003.0	*	1	2000	241	7.	.4	2992.2
1	0325	42	49.	6.2	2994.5	*	1	1145	142	71.	36.9	3002.9	*	1	2005	242	6.	.3	2992.1
1	0330	43	52.	8.6	2995.3	*	1	1150	143	71.	36.4	3002.8	*	1	2010	243	6.	.3	2992.1
1	0335	44	55.	11.9	2996.3	*	1	1155	144	70.	35.9	3002.6	*	1	2015	244	5.	.3	2992.1
1	0340	45	58.	16.0	2997.5	*	1	1200	145	70.	35.4	3002.5	*	1	2020	245	4.	.2	2992.1
1	0345	46	62.	20.5	2998.9	*	1	1205	146	70.	35.0	3002.4	*	1	2025	246	4.	.2	2992.1
1	0350	47	65.	25.1	3000.2	*	1	1210	147	70.	34.5	3002.3	*	1	2030	247	3.	.2	2992.1
1	0355	48	67.	29.8	3001.2	*	1	1215	148	69.	34.0	3002.2	*	1	2035	248	3.	.2	2992.1
1	0400	49	70.	34.3	3002.3	*	1	1220	149	69.	33.5	3002.1	*	1	2040	249	3.	.1	2992.1
1	0405	50	72.	38.5	3003.2	*	1	1225	150	69.	33.1	3002.0	*	1	2045	250	2.	.1	2992.1
1	0410	51	73.	42.4	3004.1	*	1	1230	151	69.	32.6	3001.9	*	1	2050	251	2.	.1	2992.0
1	0415	52	75.	45.9	3004.9	*	1	1235	152	68.	32.1	3001.8	*	1	2055	252	2.	.1	2992.0
1	0420	53	76.	49.0	3005.5	*	1	1240	153	68.	31.6	3001.7	*	1	2100	253	2.	.1	2992.0
1	0425	54	77.	51.7	3006.0	*	1	1245	154	68.	31.2	3001.6	*	1	2105	254	1.	.1	2992.0
1	0430	55	78.	54.0	3006.4	*	1	1250	155	68.	30.7	3001.5	*	1	2110	255	1.	.1	2992.0
1	0435	56	79.	56.1	3006.8	*	1	1255	156	68.	30.2	3001.3	*	1	2115	256	1.	.1	2992.0
1	0440	57	80.	58.1	3007.1	*	1	1300	157	67.	29.8	3001.2	*	1	2120	257	1.	.0	2992.0
1	0445	58	81.	59.9	3007.5	*	1	1305	158	67.	29.3	3001.1	*	1	2125	258	1.	.0	2992.0
1	0450	59	81.	61.5	3007.8	*	1	1310	159	67.	28.8	3001.0	*	1	2130	259	1.	.0	2992.0
1	0455	60	82.	63.2	3008.1	*	1	1315	160	67.	28.4	3000.9	*	1	2135	260	1.	.0	2992.0
1	0500	61	82.	64.7	3008.3	*	1	1320	161	66.	27.9	3000.8	*	1	2140	261	1.	.0	2992.0
1	0505	62	83.	66.1	3008.6	*	1	1325	162	66.	27.5	3000.7	*	1	2145	262	0.	.0	2992.0
1	0510	63	83.	67.3	3008.8	*	1	1330	163	66.	27.0	3000.6	*	1	2150	263	0.	.0	2992.0
1	0515	64	84.	68.4	3009.0	*	1	1335	164	66.	26.6	3000.5	*	1	2155	264	0.	.0	2992.0
1	0520	65	84.	69.4	3009.2	*	1	1340	165	66.	26.1	3000.4	*	1	2200	265	0.	.0	2992.0
1	0525	66	84.	70.1	3009.3	*	1	1345	166	65.	25.7	3000.3	*	1	2205	266	0.	.0	2992.0
1	0530	67	85.	70.7	3009.4	*	1	1350	167	65.	25.2	3000.2	*	1	2210	267	0.	.0	2992.0
1	0535	68	85.	71.2	3009.5	*	1	1355	168	65.	24.8	3000.1	*	1	2215	268	0.	.0	2992.0
1	0540	69	85.	71.5	3009.6	*	1	1400	169	65.	24.3	3000.0	*	1	2220	269	0.	.0	2992.0
1	0545	70	85.	71.7	3009.6	*	1	1405	170	64.	23.9	2999.9	*	1	2225	270	0.	.0	2992.0
1	0550	71	85.	71.8	3009.6	*	1	1410	171	64.	23.4	2999.7	*	1	2230	271	0.	.0	2992.0
1	0555	72	85.	71.7	3009.6	*	1	1415	172	64.	23.0	2999.6	*	1	2235	272	0.	.0	2992.0
1	0600	73	85.	71.7	3009.6	*	1	1420	173	63.	22.6	2999.5	*	1	2240	273	0.	.0	2992.0
1	0605	74	85.	71.5	3009.6	*	1	1425	174	63.	22.1	2999.3	*	1	2245	274	0.	.0	2992.0
1	0610	75	85.	71.3	3009.5	*	1	1430	175	63.	21.7	2999.2	*	1	2250	275	0.	.0	2992.0
1	0615	76	85.	71.0	3009.5	*	1	1435	176	62.	21.3	2999.1	*	1	2255	276	0.	.0	2992.0
1	0620	77	85.	70.7	3009.4	*	1	1440	177	62.	20.8	2999.0	*	1	2300	277	0.	.0	2992.0
1	0625	78	84.	70.3	3009.4	*	1	1445	178	62.	20.4	2998.8	*	1	2305	278	0.	.0	2992.0
1	0630	79	84.	69.9	3009.3	*	1	1450	179	61.	20.0	2998.7	*	1	2310	279	0.	.0	2992.0
1	0635	80	84.	69.5	3009.2	*	1	1455	180	61.	19.6	2998.6	*	1	2315	280	0.	.0	2992.0
1	0640	81	84.	69.0	3009.1	*	1	1500	181	60.	19.1	2998.5	*	1	2320	281	0.	.0	2992.0
1	0645	82	84.	68.6	3009.1	*	1	1505	182	60.	18.7	2998.3	*	1	2325	282	0.	.0	2992.0
1	0650	83	84.	68.1	3009.0	*	1	1510	183	60.	18.3	2998.2	*	1	2330	283	0.	.0	2992.0
1	0655	84	84.	67.6	3008.9	*	1	1515	184	59.	17.9	2998.1	*	1	2335	284	0.	.0	2992.0
1	0700	85	83.	67.0	3008.8	*	1	1520	185	59.	17.5	2998.0	*	1	2340	285	0.	.0	2992.0
1	0705	86	83.	66.5	3008.7	*	1	1525	186	59.	17.1	2997.8	*	1	2345	286	0.	.0	2992.0
1	0710	87	83.	66.0	3008.6	*	1	1530	187	58.	16.7	2997.7	*	1	2350	287	0.	.0	2992.0
1	0715	88	83.	65.4	3008.5	*	1	1535	188	58.	16.3	2997.6	*	1	2355	288	0.	.0	2992.0
1	0720	89	83.	64.9	3008.4	*	1	1540	189	58.	15.9	2997.5	*	2	0000	289	0.	.0	2992.0
1	0725	90	82.	64.3	3008.3	*	1	1545	190	57.	15.5	2997.4	*	2	0005	290	0.	.0	2992.0
1	0730	91	82.	63.8	3008.2	*	1	1550	191	57.	15.1	2997.2	*	2	0010	291	0.	.0	2992.0
1	0735	92	82.	63.2	3008.1	*	1	1555	192	57.	14.7	2997.1	*	2	0015	292	0.	.0	2992.0
1	0740	93	82.	62.7	3008.0	*	1	1600	193	57.	14.3	2997.0	*	2	0020	293	0.	.0	2992.0
1	0745	94	81.	62.1	3007.9	*	1	1605	194	56.	13.9	2996.9	*	2	0025	294	0.	.0	2992.0
1	0750	95	81.	61.5	3007.8	*	1	1610	195	56.	13.5	2996.8	*	2	0030	295	0.	.0	2992.0

												INT							
1	0755	96	81.	61.0	3007.7	*	1	1615	196	56.	13.1	2996.7	*	2	0035	296	0.	.0	2992.0
1	0800	97	81.	60.4	3007.6	*	1	1620	197	55.	12.8	2996.5	*	2	0040	297	0.	.0	2992.0
1	0805	98	81.	59.9	3007.5	*	1	1625	198	55.	12.4	2996.4	*	2	0045	298	0.	.0	2992.0
1	0810	99	80.	59.3	3007.4	*	1	1630	199	55.	12.0	2996.3	*	2	0050	299	0.	.0	2992.0
1	0815	100	80.	58.8	3007.3	*	1	1635	200	54.	11.6	2996.2	*	2	0055	300	0.	.0	2992.0
						*							*						

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
	(CFS)				
+ 85.	5.83	81.	48.	46.	46.
	(INCHES)	.743	1.768	1.768	1.768
	(AC-FT)	40.	96.	96.	96.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
72.	5.83	61.	24.	23.	23.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
3009.63	5.83	3007.65	2998.80	2998.55	2998.55

CUMULATIVE AREA = 1.01 SQ MI

HYDROGRAPH AT STATION *RDB2
PLAN 1, RATIO = .95

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	1		0820	101	79.	55.3	3006.6	1		1640	201	52.	9.3	2995.5
1		0005	2	0.	.0	2992.0	1		0825	102	79.	54.8	3006.5	1		1645	202	52.	8.9	2995.4
1		0010	3	0.	.0	2992.0	1		0830	103	78.	54.2	3006.4	1		1650	203	52.	8.6	2995.3
1		0015	4	0.	.0	2992.0	1		0835	104	78.	53.7	3006.3	1		1655	204	52.	8.2	2995.2
1		0020	5	0.	.0	2992.0	1		0840	105	78.	53.1	3006.2	1		1700	205	51.	7.9	2995.1
1		0025	6	0.	.0	2992.0	1		0845	106	78.	52.6	3006.2	1		1705	206	51.	7.5	2995.0
1		0030	7	1.	.1	2992.0	1		0850	107	78.	52.1	3006.1	1		1710	207	51.	7.2	2994.8
1		0035	8	2.	.1	2992.0	1		0855	108	77.	51.5	3006.0	1		1715	208	50.	6.8	2994.7
1		0040	9	2.	.1	2992.0	1		0900	109	77.	51.0	3005.9	1		1720	209	50.	6.5	2994.6
1		0045	10	2.	.1	2992.1	1		0905	110	77.	50.5	3005.8	1		1725	210	49.	6.1	2994.4
1		0050	11	3.	.1	2992.1	1		0910	111	77.	49.9	3005.7	1		1730	211	49.	5.8	2994.3
1		0055	12	3.	.2	2992.1	1		0915	112	77.	49.4	3005.6	1		1735	212	48.	5.5	2994.2
1		0100	13	3.	.2	2992.1	1		0920	113	76.	48.9	3005.5	1		1740	213	48.	5.1	2994.1
1		0105	14	3.	.2	2992.1	1		0925	114	76.	48.4	3005.4	1		1745	214	48.	4.8	2993.9
1		0110	15	4.	.2	2992.1	1		0930	115	76.	47.8	3005.3	1		1750	215	47.	4.5	2993.8
1		0115	16	4.	.2	2992.1	1		0935	116	76.	47.3	3005.2	1		1755	216	47.	4.2	2993.7
1		0120	17	4.	.2	2992.1	1		0940	117	76.	46.8	3005.1	1		1800	217	46.	3.8	2993.6
1		0125	18	5.	.3	2992.1	1		0945	118	75.	46.3	3005.0	1		1805	218	46.	3.5	2993.4
1		0130	19	6.	.3	2992.1	1		0950	119	75.	45.8	3004.9	1		1810	219	46.	3.2	2993.3
1		0135	20	7.	.4	2992.2	1		0955	120	75.	45.2	3004.8	1		1815	220	45.	2.9	2993.2
1		0140	21	9.	.5	2992.2	1		1000	121	75.	44.7	3004.6	1		1820	221	45.	2.6	2993.1
1		0145	22	11.	.6	2992.3	1		1005	122	74.	44.2	3004.5	1		1825	222	43.	2.3	2993.0
1		0150	23	14.	.7	2992.3	1		1010	123	74.	43.7	3004.4	1		1830	223	38.	2.0	2992.9
1		0155	24	16.	.8	2992.4	1		1015	124	74.	43.2	3004.3	1		1835	224	33.	1.8	2992.7
1		0200	25	18.	.9	2992.4	1		1020	125	74.	42.7	3004.2	1		1840	225	29.	1.5	2992.7
1		0205	26	19.	1.0	2992.4	1		1025	126	73.	42.2	3004.1	1		1845	226	26.	1.3	2992.6
1		0210	27	21.	1.1	2992.5	1		1030	127	73.	41.7	3004.0	1		1850	227	22.	1.2	2992.5
1		0215	28	22.	1.2	2992.5	1		1035	128	73.	41.2	3003.8	1		1855	228	20.	1.0	2992.4
1		0220	29	24.	1.3	2992.5	1		1040	129	73.	40.7	3003.7	1		1900	229	17.	.9	2992.4
1		0225	30	27.	1.4	2992.6	1		1045	130	72.	40.2	3003.6	1		1905	230	15.	.8	2992.3
1		0230	31	30.	1.6	2992.7	1		1050	131	72.	39.7	3003.5	1		1910	231	13.	.7	2992.3
1		0235	32	33.	1.7	2992.7	1		1055	132	72.	39.2	3003.4	1		1915	232	12.	.6	2992.3
1		0240	33	35.	1.9	2992.8	1		1100	133	72.	38.7	3003.3	1		1920	233	10.	.5	2992.2
1		0245	34	38.	2.0	2992.9	1		1105	134	71.	38.2	3003.2	1		1925	234	9.	.5	2992.2
1		0250	35	41.	2.2	2992.9	1		1110	135	71.	37.7	3003.0	1		1930	235	8.	.4	2992.2
1		0255	36	44.	2.3	2993.0	1		1115	136	71.	37.2	3002.9	1		1935	236	7.	.4	2992.2
1		0300	37	45.	2.5	2993.0	1		1120	137	71.	36.7	3002.8	1		1940	237	6.	.3	2992.1
1		0305	38	45.	2.6	2993.1	1		1125	138	70.	36.2	3002.7	1		1945	238	5.	.3	2992.1
1		0310	39	45.	2.9	2993.2	1		1130	139	70.	35.8	3002.6	1		1950	239	5.	.2	2992.1
1		0315	40	46.	3.4	2993.4	1		1135	140	70.	35.3	3002.5	1		1955	240	4.	.2	2992.1
1		0320	41	47.	4.3	2993.7	1		1140	141	70.	34.8	3002.4	1		2000	241	4.	.2	2992.1
1		0325	42	49.	5.8	2994.3	1		1145	142	70.	34.3	3002.3	1		2005	242	3.	.2	2992.1
1		0330	43	51.	8.1	2995.1	1		1150	143	69.	33.8	3002.2	1		2010	243	3.	.1	2992.1
1		0335	44	54.	11.3	2996.1	1		1155	144	69.	33.4	3002.1	1		2015	244	2.	.1	2992.1
1		0340	45	57.	15.2	2997.3	1		1200	145	69.	32.9	3002.0	1		2020	245	2.	.1	2992.0
1		0345	46	61.	19.5	2998.6	1		1205	146	69.	32.4	3001.8	1		2025	246	2.	.1	2992.0
1		0350	47	64.	24.0	2999.9	1		1210	147	68.	31.9	3001.7	1		2030	247	2.	.1	2992.0
1		0355	48	67.	28.4	3000.9	1		1215	148	68.	31.5	3001.6	1		2035	248	1.	.1	2992.0
1		0400	49	69.	32.7	3001.9	1		1220	149	68.	31.0	3001.5	1		2040	249	1.	.1	2992.0
1		0405	50	71.	36.8	3002.8	1		1225	150	68.	30.5	3001.4	1		2045	250	1.	.1	2992.0
1		0410	51	73.	40.6	3003.7	1		1230	151	67.	30.1	3001.3	1		2050	251	1.	.1	2992.0
1		0415	52	74.	43.9	3004.5	1		1235	152	67.	29.6	3001.2	1		2055	252	1.	.0	2992.0
1		0420	53	76.	46.9	3005.1	1		1240	153	67.	29.1	3001.1	1		2100	253	1.	.0	2992.0
1		0425	54	77.	49.5	3005.6	1		1245	154	67.	28.7	3001.0	1		2105	254	1.	.0	2992.0
1		0430	55	77.	51.7	3006.0	1		1250	155	67.	28.2	3000.9	1		2110	255	1.	.0	2992.0
1		0435	56	78.	53.8	3006.4	1		1255	156	66.	27.8	3000.8	1		2115	256	1.	.0	2992.0

												INT							
1	0440	57	79.	55.6	3006.7	*	1	1300	157	66.	27.3	3000.7	*	1	2120	257	0.	.0	2992.0
1	0445	58	80.	57.3	3007.0	*	1	1305	158	66.	26.9	3000.6	*	1	2125	258	0.	.0	2992.0
1	0450	59	80.	59.0	3007.3	*	1	1310	159	66.	26.4	3000.5	*	1	2130	259	0.	.0	2992.0
1	0455	60	81.	60.5	3007.6	*	1	1315	160	65.	25.9	3000.4	*	1	2135	260	0.	.0	2992.0
1	0500	61	81.	62.0	3007.9	*	1	1320	161	65.	25.5	3000.3	*	1	2140	261	0.	.0	2992.0
1	0505	62	82.	63.3	3008.1	*	1	1325	162	65.	25.0	3000.2	*	1	2145	262	0.	.0	2992.0
1	0510	63	82.	64.5	3008.3	*	1	1330	163	65.	24.6	3000.1	*	1	2150	263	0.	.0	2992.0
1	0515	64	83.	65.6	3008.5	*	1	1335	164	65.	24.2	3000.0	*	1	2155	264	0.	.0	2992.0
1	0520	65	83.	66.5	3008.7	*	1	1340	165	64.	23.7	2999.8	*	1	2200	265	0.	.0	2992.0
1	0525	66	83.	67.2	3008.8	*	1	1345	166	64.	23.3	2999.7	*	1	2205	266	0.	.0	2992.0
1	0530	67	84.	67.8	3008.9	*	1	1350	167	63.	22.8	2999.6	*	1	2210	267	0.	.0	2992.0
1	0535	68	84.	68.2	3009.0	*	1	1355	168	63.	22.4	2999.4	*	1	2215	268	0.	.0	2992.0
1	0540	69	84.	68.5	3009.0	*	1	1400	169	63.	22.0	2999.3	*	1	2220	269	0.	.0	2992.0
1	0545	70	84.	68.6	3009.1	*	1	1405	170	62.	21.5	2999.2	*	1	2225	270	0.	.0	2992.0
1	0550	71	84.	68.7	3009.1	*	1	1410	171	62.	21.1	2999.0	*	1	2230	271	0.	.0	2992.0
1	0555	72	84.	68.7	3009.1	*	1	1415	172	62.	20.7	2998.9	*	1	2235	272	0.	.0	2992.0
1	0600	73	84.	68.6	3009.1	*	1	1420	173	61.	20.3	2998.8	*	1	2240	273	0.	.0	2992.0
1	0605	74	84.	68.4	3009.0	*	1	1425	174	61.	19.8	2998.7	*	1	2245	274	0.	.0	2992.0
1	0610	75	84.	68.2	3009.0	*	1	1430	175	61.	19.4	2998.5	*	1	2250	275	0.	.0	2992.0
1	0615	76	84.	67.9	3008.9	*	1	1435	176	60.	19.0	2998.4	*	1	2255	276	0.	.0	2992.0
1	0620	77	84.	67.6	3008.9	*	1	1440	177	60.	18.6	2998.3	*	1	2300	277	0.	.0	2992.0
1	0625	78	83.	67.2	3008.8	*	1	1445	178	60.	18.2	2998.2	*	1	2305	278	0.	.0	2992.0
1	0630	79	83.	66.8	3008.7	*	1	1450	179	59.	17.8	2998.0	*	1	2310	279	0.	.0	2992.0
1	0635	80	83.	66.4	3008.7	*	1	1455	180	59.	17.3	2997.9	*	1	2315	280	0.	.0	2992.0
1	0640	81	83.	66.0	3008.6	*	1	1500	181	59.	16.9	2997.8	*	1	2320	281	0.	.0	2992.0
1	0645	82	83.	65.5	3008.5	*	1	1505	182	58.	16.5	2997.7	*	1	2325	282	0.	.0	2992.0
1	0650	83	83.	65.0	3008.4	*	1	1510	183	58.	16.1	2997.6	*	1	2330	283	0.	.0	2992.0
1	0655	84	82.	64.5	3008.3	*	1	1515	184	58.	15.7	2997.4	*	1	2335	284	0.	.0	2992.0
1	0700	85	82.	64.0	3008.2	*	1	1520	185	57.	15.3	2997.3	*	1	2340	285	0.	.0	2992.0
1	0705	86	82.	63.5	3008.1	*	1	1525	186	57.	15.0	2997.2	*	1	2345	286	0.	.0	2992.0
1	0710	87	82.	62.9	3008.0	*	1	1530	187	57.	14.6	2997.1	*	1	2350	287	0.	.0	2992.0
1	0715	88	82.	62.4	3007.9	*	1	1535	188	56.	14.2	2997.0	*	1	2355	288	0.	.0	2992.0
1	0720	89	81.	61.8	3007.8	*	1	1540	189	56.	13.8	2996.9	*	2	0000	289	0.	.0	2992.0
1	0725	90	81.	61.3	3007.7	*	1	1545	190	56.	13.4	2996.7	*	2	0005	290	0.	.0	2992.0
1	0730	91	81.	60.8	3007.6	*	1	1550	191	55.	13.0	2996.6	*	2	0010	291	0.	.0	2992.0
1	0735	92	81.	60.2	3007.5	*	1	1555	192	55.	12.6	2996.5	*	2	0015	292	0.	.0	2992.0
1	0740	93	81.	59.7	3007.4	*	1	1600	193	55.	12.3	2996.4	*	2	0020	293	0.	.0	2992.0
1	0745	94	80.	59.1	3007.3	*	1	1605	194	55.	11.9	2996.3	*	2	0025	294	0.	.0	2992.0
1	0750	95	80.	58.6	3007.2	*	1	1610	195	54.	11.5	2996.2	*	2	0030	295	0.	.0	2992.0
1	0755	96	80.	58.0	3007.1	*	1	1615	196	54.	11.1	2996.1	*	2	0035	296	0.	.0	2992.0
1	0800	97	80.	57.5	3007.0	*	1	1620	197	54.	10.8	2995.9	*	2	0040	297	0.	.0	2992.0
1	0805	98	79.	56.9	3006.9	*	1	1625	198	53.	10.4	2995.8	*	2	0045	298	0.	.0	2992.0
1	0810	99	79.	56.4	3006.8	*	1	1630	199	53.	10.0	2995.7	*	2	0050	299	0.	.0	2992.0
1	0815	100	79.	55.8	3006.7	*	1	1635	200	53.	9.7	2995.6	*	2	0055	300	0.	.0	2992.0
						*							*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 84.	5.83		80.	46.	45.	45.
		(INCHES)	.733	1.702	1.702	1.702
		(AC-FT)	40.	92.	92.	92.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
69.	5.83	58.	23.	22.	22.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
3009.08	5.83	3007.12	2998.42	2998.19	2998.19

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION *RDB2
PLAN 1, RATIO = .54

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
							*								*							
1	0000		1	0.	.0	2992.0	*	1	0820		101	55.	12.2	2996.4	*	1	1640		201	0.	.0	2992.0
1	0005		2	0.	.0	2992.0	*	1	0825		102	55.	11.8	2996.3	*	1	1645		202	0.	.0	2992.0
1	0010		3	0.	.0	2992.0	*	1	0830		103	54.	11.5	2996.2	*	1	1650		203	0.	.0	2992.0
1	0015		4	0.	.0	2992.0	*	1	0835		104	54.	11.1	2996.0	*	1	1655		204	0.	.0	2992.0
1	0020		5	0.	.0	2992.0	*	1	0840		105	54.	10.7	2995.9	*	1	1700		205	0.	.0	2992.0
1	0025		6	0.	.0	2992.0	*	1	0845		106	53.	10.4	2995.8	*	1	1705		206	0.	.0	2992.0
1	0030		7	0.	.0	2992.0	*	1	0850		107	53.	10.0	2995.7	*	1	1710		207	0.	.0	2992.0
1	0035		8	0.	.0	2992.0	*	1	0855		108	53.	9.6	2995.6	*	1	1715		208	0.	.0	2992.0
1	0040		9	0.	.0	2992.0	*	1	0900		109	52.	9.3	2995.5	*	1	1720		209	0.	.0	2992.0
1	0045		10	0.	.0	2992.0	*	1	0905		110	52.	8.9	2995.4	*	1	1725		210	0.	.0	2992.0
1	0050		11	0.	.0	2992.0	*	1	0910		111	52.	8.5	2995.3	*	1	1730		211	0.	.0	2992.0
1	0055		12	0.	.0	2992.0	*	1	0915		112	52.	8.2	2995.2	*	1	1735		212	0.	.0	2992.0
1	0100		13	0.	.0	2992.0	*	1	0920		113	51.	7.8	2995.1	*	1	1740		213	0.	.0	2992.0
1	0105		14	0.	.0	2992.0	*	1	0925		114	51.	7.5	2995.0	*	1	1745		214	0.	.0	2992.0
1	0110		15	0.	.0	2992.0	*	1	0930		115	50.	7.1	2994.8	*	1	1750		215	0.	.0	2992.0
1	0115		16	0.	.0	2992.0	*	1	0935		116	50.	6.8	2994.7	*	1	1755		216	0.	.0	2992.0
1	0120		17	0.	.0	2992.0	*	1	0940		117	50.	6.4	2994.6	*	1	1800		217	0.	.0	2992.0

																		INT			
1	0125	18	0.	.0	2992.0	*	1	0945	118	49.	6.1	2994.4	*	1	1805	218	0.	.0	2992.0		
1	0130	19	0.	.0	2992.0	*	1	0950	119	49.	5.8	2994.3	*	1	1810	219	0.	.0	2992.0		
1	0135	20	0.	.0	2992.0	*	1	0955	120	48.	5.4	2994.2	*	1	1815	220	0.	.0	2992.0		
1	0140	21	1.	.0	2992.0	*	1	1000	121	48.	5.1	2994.0	*	1	1820	221	0.	.0	2992.0		
1	0145	22	1.	.0	2992.0	*	1	1005	122	47.	4.8	2993.9	*	1	1825	222	0.	.0	2992.0		
1	0150	23	1.	.0	2992.0	*	1	1010	123	47.	4.4	2993.8	*	1	1830	223	0.	.0	2992.0		
1	0155	24	1.	.1	2992.0	*	1	1015	124	47.	4.1	2993.7	*	1	1835	224	0.	.0	2992.0		
1	0200	25	1.	.1	2992.0	*	1	1020	125	46.	3.8	2993.6	*	1	1840	225	0.	.0	2992.0		
1	0205	26	1.	.1	2992.0	*	1	1025	126	46.	3.5	2993.4	*	1	1845	226	0.	.0	2992.0		
1	0210	27	1.	.1	2992.0	*	1	1030	127	45.	3.2	2993.3	*	1	1850	227	0.	.0	2992.0		
1	0215	28	2.	.1	2992.0	*	1	1035	128	45.	2.9	2993.2	*	1	1855	228	0.	.0	2992.0		
1	0220	29	2.	.1	2992.0	*	1	1040	129	45.	2.5	2993.1	*	1	1900	229	0.	.0	2992.0		
1	0225	30	3.	.1	2992.1	*	1	1045	130	43.	2.2	2993.0	*	1	1905	230	0.	.0	2992.0		
1	0230	31	3.	.2	2992.1	*	1	1050	131	37.	2.0	2992.8	*	1	1910	231	0.	.0	2992.0		
1	0235	32	4.	.2	2992.1	*	1	1055	132	33.	1.7	2992.7	*	1	1915	232	0.	.0	2992.0		
1	0240	33	5.	.2	2992.1	*	1	1100	133	29.	1.5	2992.6	*	1	1920	233	0.	.0	2992.0		
1	0245	34	5.	.3	2992.1	*	1	1105	134	25.	1.3	2992.6	*	1	1925	234	0.	.0	2992.0		
1	0250	35	6.	.3	2992.1	*	1	1110	135	22.	1.2	2992.5	*	1	1930	235	0.	.0	2992.0		
1	0255	36	7.	.4	2992.2	*	1	1115	136	19.	1.0	2992.4	*	1	1935	236	0.	.0	2992.0		
1	0300	37	8.	.4	2992.2	*	1	1120	137	17.	.9	2992.4	*	1	1940	237	0.	.0	2992.0		
1	0305	38	9.	.5	2992.2	*	1	1125	138	15.	.8	2992.3	*	1	1945	238	0.	.0	2992.0		
1	0310	39	11.	.6	2992.2	*	1	1130	139	13.	.7	2992.3	*	1	1950	239	0.	.0	2992.0		
1	0315	40	13.	.7	2992.3	*	1	1135	140	12.	.6	2992.3	*	1	1955	240	0.	.0	2992.0		
1	0320	41	19.	1.0	2992.4	*	1	1140	141	10.	.5	2992.2	*	1	2000	241	0.	.0	2992.0		
1	0325	42	27.	1.4	2992.6	*	1	1145	142	9.	.5	2992.2	*	1	2005	242	0.	.0	2992.0		
1	0330	43	41.	2.2	2992.9	*	1	1150	143	8.	.4	2992.2	*	1	2010	243	0.	.0	2992.0		
1	0335	44	46.	3.2	2993.3	*	1	1155	144	7.	.4	2992.2	*	1	2015	244	0.	.0	2992.0		
1	0340	45	47.	4.6	2993.8	*	1	1200	145	6.	.3	2992.1	*	1	2020	245	0.	.0	2992.0		
1	0345	46	49.	6.1	2994.4	*	1	1205	146	5.	.3	2992.1	*	1	2025	246	0.	.0	2992.0		
1	0350	47	51.	7.7	2995.0	*	1	1210	147	5.	.2	2992.1	*	1	2030	247	0.	.0	2992.0		
1	0355	48	52.	9.4	2995.5	*	1	1215	148	4.	.2	2992.1	*	1	2035	248	0.	.0	2992.0		
1	0400	49	54.	10.9	2996.0	*	1	1220	149	4.	.2	2992.1	*	1	2040	249	0.	.0	2992.0		
1	0405	50	55.	12.4	2996.5	*	1	1225	150	3.	.2	2992.1	*	1	2045	250	0.	.0	2992.0		
1	0410	51	56.	13.8	2996.9	*	1	1230	151	3.	.1	2992.1	*	1	2050	251	0.	.0	2992.0		
1	0415	52	57.	15.1	2997.2	*	1	1235	152	2.	.1	2992.1	*	1	2055	252	0.	.0	2992.0		
1	0420	53	58.	16.2	2997.6	*	1	1240	153	2.	.1	2992.0	*	1	2100	253	0.	.0	2992.0		
1	0425	54	59.	17.1	2997.8	*	1	1245	154	2.	.1	2992.0	*	1	2105	254	0.	.0	2992.0		
1	0430	55	59.	17.9	2998.1	*	1	1250	155	2.	.1	2992.0	*	1	2110	255	0.	.0	2992.0		
1	0435	56	60.	18.6	2998.3	*	1	1255	156	1.	.1	2992.0	*	1	2115	256	0.	.0	2992.0		
1	0440	57	61.	19.2	2998.5	*	1	1300	157	1.	.1	2992.0	*	1	2120	257	0.	.0	2992.0		
1	0445	58	61.	19.8	2998.7	*	1	1305	158	1.	.1	2992.0	*	1	2125	258	0.	.0	2992.0		
1	0450	59	61.	20.4	2998.8	*	1	1310	159	1.	.1	2992.0	*	1	2130	259	0.	.0	2992.0		
1	0455	60	62.	20.9	2999.0	*	1	1315	160	1.	.0	2992.0	*	1	2135	260	0.	.0	2992.0		
1	0500	61	62.	21.4	2999.1	*	1	1320	161	1.	.0	2992.0	*	1	2140	261	0.	.0	2992.0		
1	0505	62	63.	21.9	2999.3	*	1	1325	162	1.	.0	2992.0	*	1	2145	262	0.	.0	2992.0		
1	0510	63	63.	22.2	2999.4	*	1	1330	163	1.	.0	2992.0	*	1	2150	263	0.	.0	2992.0		
1	0515	64	63.	22.6	2999.5	*	1	1335	164	0.	.0	2992.0	*	1	2155	264	0.	.0	2992.0		
1	0520	65	63.	22.8	2999.6	*	1	1340	165	0.	.0	2992.0	*	1	2200	265	0.	.0	2992.0		
1	0525	66	64.	23.0	2999.6	*	1	1345	166	0.	.0	2992.0	*	1	2205	266	0.	.0	2992.0		
1	0530	67	64.	23.1	2999.6	*	1	1350	167	0.	.0	2992.0	*	1	2210	267	0.	.0	2992.0		
1	0535	68	64.	23.1	2999.6	*	1	1355	168	0.	.0	2992.0	*	1	2215	268	0.	.0	2992.0		
1	0540	69	64.	23.1	2999.6	*	1	1400	169	0.	.0	2992.0	*	1	2220	269	0.	.0	2992.0		
1	0545	70	64.	23.0	2999.6	*	1	1405	170	0.	.0	2992.0	*	1	2225	270	0.	.0	2992.0		
1	0550	71	64.	22.8	2999.6	*	1	1410	171	0.	.0	2992.0	*	1	2230	271	0.	.0	2992.0		
1	0555	72	63.	22.7	2999.5	*	1	1415	172	0.	.0	2992.0	*	1	2235	272	0.	.0	2992.0		
1	0600	73	63.	22.5	2999.4	*	1	1420	173	0.	.0	2992.0	*	1	2240	273	0.	.0	2992.0		
1	0605	74	63.	22.2	2999.4	*	1	1425	174	0.	.0	2992.0	*	1	2245	274	0.	.0	2992.0		
1	0610	75	63.	22.0	2999.3	*	1	1430	175	0.	.0	2992.0	*	1	2250	275	0.	.0	2992.0		
1	0615	76	63.	21.7	2999.2	*	1	1435	176	0.	.0	2992.0	*	1	2255	276	0.	.0	2992.0		
1	0620	77	62.	21.4	2999.1	*	1	1440	177	0.	.0	2992.0	*	1	2300	277	0.	.0	2992.0		
1	0625	78	62.	21.0	2999.0	*	1	1445	178	0.	.0	2992.0	*	1	2305	278	0.	.0	2992.0		
1	0630	79	62.	20.7	2998.9	*	1	1450	179	0.	.0	2992.0	*	1	2310	279	0.	.0	2992.0		
1	0635	80	61.	20.3	2998.8	*	1	1455	180	0.	.0	2992.0	*	1	2315	280	0.	.0	2992.0		
1	0640	81	61.	20.0	2998.7	*	1	1500	181	0.	.0	2992.0	*	1	2320	281	0.	.0	2992.0		
1	0645	82	61.	19.6	2998.6	*	1	1505	182	0.	.0	2992.0	*	1	2325	282	0.	.0	2992.0		
1	0650	83	61.	19.2	2998.5	*	1	1510	183	0.	.0	2992.0	*	1	2330	283	0.	.0	2992.0		
1	0655	84	60.	18.8	2998.4	*	1	1515	184	0.	.0	2992.0	*	1	2335	284	0.	.0	2992.0		
1	0700	85	60.	18.4	2998.2	*	1	1520	185	0.	.0	2992.0	*	1	2340	285	0.	.0	2992.0		
1	0705	86	60.	18.0	2998.1	*	1	1525	186	0.	.0	2992.0	*	1	2345	286	0.	.0	2992.0		
1	0710	87	59.	17.7	2998.0	*	1	1530	187	0.	.0	2992.0	*	1	2350	287	0.	.0	2992.0		
1	0715	88	59.	17.3	2997.9	*	1	1535	188	0.	.0	2992.0	*	1	2355	288	0.	.0	2992.0		
1	0720	89	59.	16.9	2997.8	*	1	1540	189	0.	.0	2992.0	*	2	0000	289	0.	.0	2992.0		
1	0725	90	58.	16.5	2997.7	*	1	1545	190	0.	.0	2992.0	*	2	0005	290	0.	.0	2992.0		
1	0730	91	58.	16.1	2997.5	*	1	1550	191	0.	.0	2992.0	*	2	0010	291	0.	.0	2992.0		
1	0735	92	58.	15.7	2997.4	*	1	1555	192	0.	.0	2992.0	*	2	0015	292	0.	.0	2992.0		
1	0740	93	57.	15.3	2997.3	*	1	1600	193	0.	.0	2992.0	*	2	0020	293	0.	.0	2992.0		
1	0745	94	57.	14.9	2997.2	*	1	1605	194	0.	.0	2992.0	*	2	0025	294	0.	.0	2992.0		
1	0750	95	57.	14.5	2997.1	*	1	1610	195	0.	.0	2992.0	*	2	0030	295	0.	.0	2992.0		
1	0755	96	56.	14.1	2997.0	*	1	1615	196	0.	.0	2992.0	*	2	0035	296	0.	.0	2992.0		
1	0800	97	56.	13.7	2996.8	*	1	1620	197	0.	.0	2992.0	*	2	0040	297	0.	.0	2992.0		
1	0805	98	56.	13.4	2996.7	*	1	1625	198	0.	.0	2992.0	*	2	0045	298	0.	.0	2992.0		
1	0810	99	55.	13.0	2996.6	*	1	1630	199	0.	.0	2992.0	*	2	0050	299	0.	.0	2992.0		
1	0815	100	55.	12.6	2996.5	*	1	1635	200	0.	.0	2992.0	*	2	0055	300	0.	.0	2992.0		
						*							*								

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 64.	5.58		58.	19.	18.	18.
		(INCHES)	.531	.681	.681	.681
		(AC-FT)	29.	37.	37.	37.

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                                                                                INT
 PEAK STORAGE   TIME                          MAXIMUM AVERAGE STORAGE
                                        6-HR       24-HR       72-HR     24.92-HR
+  (AC-FT)      (HR)
       23.      5.58                    16.          4.          4.           4.

  PEAK STAGE    TIME                          MAXIMUM AVERAGE STAGE
                                        6-HR       24-HR       72-HR     24.92-HR
+   (FEET)      (HR)
   2999.64      5.58                 2997.51     2993.50     2993.45      2993.45

                        CUMULATIVE AREA =    1.01 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
 380 KK     *     *OFF1  *
            *            *
            **************

 383 KO          OUTPUT CONTROL VARIABLES
                       IPRNT           3  PRINT CONTROL
                       IPLOT           0  PLOT CONTROL
                       QSCAL          0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

 384 BA          SUBBASIN CHARACTERISTICS
                       TAREA         .43  SUBBASIN AREA

                 PRECIPITATION DATA

 370 PB                STORM        3.00  BASIN TOTAL PRECIPITATION

  33 PI            INCREMENTAL PRECIPITATION PATTERN
                       .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                       .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                       .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                       .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                       .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                       .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                       .00       .00

 385 LS          SCS LOSS RATE
                       STRTL         .30  INITIAL ABSTRACTION
                      CRVNBR       86.80  CURVE NUMBER
                       RTIMP         .00  PERCENT IMPERVIOUS AREA

 386 UD          SCS DIMENSIONLESS UNITGRAPH
                        TLAG         .42  LAG

                                                                  ***

                                                          UNIT HYDROGRAPH
                                                      27 END-OF-PERIOD ORDINATES
                39.      119.      248.      380.      445.      446.      397.      330.      239.      173.
               128.       98.       73.       54.       40.       30.       22.       17.       12.        9.
                 7.        5.        4.        3.        2.        1.        1.

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.28, TOTAL EXCESS =    1.72

 PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                        6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     399.      3.83                    79.         20.         19.          19.
                       (INCHES)      1.721       1.724       1.724        1.724
                        (AC-FT)        39.         39.         39.          39.

                        CUMULATIVE AREA =     .43 SQ MI


      ***            ***            ***            ***            ***

                         HYDROGRAPH AT STATION    *OFF1
                           FOR PLAN 1, RATIO = 1.00

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.28, TOTAL EXCESS =    1.72

 PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                        6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     399.      3.83                    79.         20.         19.          19.
                       (INCHES)      1.721       1.724       1.724        1.724
                        (AC-FT)        39.         39.         39.          39.

                        CUMULATIVE AREA =     .43 SQ MI
```

INT

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF1
FOR PLAN 1, RATIO = .99

TOTAL RAINFALL = 2.97, TOTAL LOSS = 1.27, TOTAL EXCESS = 1.70

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)			
+ 393.	3.83	78.	20.	19.	19.
		(INCHES) 1.695	1.698	1.698	1.698
		(AC-FT) 39.	39.	39.	39.

CUMULATIVE AREA = .43 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF1
FOR PLAN 1, RATIO = .98

TOTAL RAINFALL = 2.92, TOTAL LOSS = 1.27, TOTAL EXCESS = 1.66

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)			
+ 385.	3.83	76.	19.	18.	18.
		(INCHES) 1.656	1.659	1.659	1.659
		(AC-FT) 38.	38.	38.	38.

CUMULATIVE AREA = .43 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF1
FOR PLAN 1, RATIO = .95

TOTAL RAINFALL = 2.85, TOTAL LOSS = 1.26, TOTAL EXCESS = 1.59

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)			
+ 370.	3.83	73.	18.	18.	18.
		(INCHES) 1.592	1.594	1.594	1.594
		(AC-FT) 36.	36.	36.	36.

CUMULATIVE AREA = .43 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF1
FOR PLAN 1, RATIO = .54

TOTAL RAINFALL = 1.62, TOTAL LOSS = 1.01, TOTAL EXCESS = .61

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)			
+ 143.	3.92	28.	7.	7.	7.
		(INCHES) .610	.610	.610	.610
		(AC-FT) 14.	14.	14.	14.

CUMULATIVE AREA = .43 SQ MI

*** *** *** *

INT

PRECIPITATION DATA

370 PB STORM 3.00 BASIN TOTAL PRECIPITATION

33 PI INCREMENTAL PRECIPITATION PATTERN

.02	.04	.01	.02	.02	.02	.01	.00	.00	.00
.00	.00	.00	.01	.00	.01	.01	.01	.01	.01
.01	.00	.00	.00	.00	.01	.02	.01	.01	.00
.01	.01	.01	.00	.00	.01	.03	.03	.06	.09
.09	.12	.03	.04	.03	.01	.02	.02	.00	.00
.01	.01	.01	.02	.02	.01	.01	.02	.01	.01
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00								

392 LS SCS LOSS RATE

STRTL .44 INITIAL ABSTRACTION
CRVNBR 81.80 CURVE NUMBER
RTIMP .00 PERCENT IMPERVIOUS AREA

393 UD SCS DIMENSIONLESS UNITGRAPH

TLAG .15 LAG

***

UNIT HYDROGRAPH
11 END-OF-PERIOD ORDINATES

37. 100. 91. 48. 24. 12. 6. 3. 1. 1.
0.

TOTAL RAINFALL = 3.00, TOTAL LOSS = 1.63, TOTAL EXCESS = 1.37

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 49.	3.58	6.	2.	1.	1.
		(INCHES) 1.366	1.366	1.366	1.366
		(AC-FT) 3.	3.	3.	3.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF2
FOR PLAN 1, RATIO = 1.00

TOTAL RAINFALL = 3.00, TOTAL LOSS = 1.63, TOTAL EXCESS = 1.37

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 49.	3.58	6.	2.	1.	1.
		(INCHES) 1.366	1.366	1.366	1.366
		(AC-FT) 3.	3.	3.	3.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF2
FOR PLAN 1, RATIO = .99

TOTAL RAINFALL = 2.97, TOTAL LOSS = 1.63, TOTAL EXCESS = 1.34

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 48.	3.58	6.	2.	1.	1.
		(INCHES) 1.342	1.342	1.342	1.342
		(AC-FT) 3.	3.	3.	3.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF2
FOR PLAN 1, RATIO = .98

TOTAL RAINFALL = 2.92, TOTAL LOSS = 1.62, TOTAL EXCESS = 1.31

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 47.	3.58	6.	1.	1.	1.
		(INCHES) 1.307	1.307	1.307	1.307
		(AC-FT) 3.	3.	3.	3.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF2
FOR PLAN 1, RATIO = .95

TOTAL RAINFALL = 2.85, TOTAL LOSS = 1.60, TOTAL EXCESS = 1.25

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 45.	3.58	6.	1.	1.	1.
		(INCHES) 1.249	1.249	1.249	1.249
		(AC-FT) 3.	3.	3.	3.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF2
FOR PLAN 1, RATIO = .54

TOTAL RAINFALL = 1.62, TOTAL LOSS = 1.21, TOTAL EXCESS = .41

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 14.	3.58	2.	0.	0.	0.
		(INCHES) .406	.406	.406	.406
		(AC-FT) 1.	1.	1.	1.

CUMULATIVE AREA = .04 SQ MI

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          *            *
394 KK    *     *OFF3  *
          *            *
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397 KO OUTPUT CONTROL VARIABLES

IPRNT	3	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE

SUBBASIN RUNOFF DATA

398 BA SUBBASIN CHARACTERISTICS

TAREA	.03	SUBBASIN AREA

PRECIPITATION DATA

STORM	3.00	BASIN TOTAL PRECIPITATION

33 PI INCREMENTAL PRECIPITATION PATTERN

.02	.04	.01	.02	.02	.02	.01	.00	.00	.00
.00	.00	.00	.01	.00	.01	.01	.01	.01	.01
.01	.00	.00	.00	.00	.01	.02	.01	.01	.00
.01	.01	.01	.00	.00	.01	.03	.03	.06	.09
.09	.12	.03	.04	.03	.01	.02	.02	.00	.00
.01	.01	.01	.02	.02	.01	.01	.02	.01	.01
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
.00	.00								

399 LS SCS LOSS RATE

STRTL	.27	INITIAL ABSTRACTION
CRVNBR	88.00	CURVE NUMBER
RTIMP	.00	PERCENT IMPERVIOUS AREA

400 UD SCS DIMENSIONLESS UNITGRAPH

TLAG	.11 LAG

***

UNIT HYDROGRAPH
9 END-OF-PERIOD ORDINATES

47. 82. 43. 17. 7. 3. 1. 1. 0.

TOTAL RAINFALL = 3.00, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.82

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 41.	3.50	5.	1.	1.	1.

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                                                                    INT
                      (INCHES)     1.818       1.818       1.818       1.818
                       (AC-FT)        3.          3.          3.          3.

                       CUMULATIVE AREA =     .03 SQ MI


       ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF3
                          FOR PLAN 1, RATIO = 1.00

     TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      41.      3.50                  5.          1.          1.          1.
                      (INCHES)     1.818       1.818       1.818       1.818
                       (AC-FT)        3.          3.          3.          3.

                       CUMULATIVE AREA =     .03 SQ MI


       ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF3
                          FOR PLAN 1, RATIO =  .99

     TOTAL RAINFALL =    2.97, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.79

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      40.      3.50                  5.          1.          1.          1.
                      (INCHES)     1.791       1.792       1.792       1.792
                       (AC-FT)        2.          2.          2.          2.

                       CUMULATIVE AREA =     .03 SQ MI


       ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF3
                          FOR PLAN 1, RATIO =  .98

     TOTAL RAINFALL =    2.92, TOTAL LOSS =    1.17, TOTAL EXCESS =    1.75

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      39.      3.50                  5.          1.          1.          1.
                      (INCHES)     1.752       1.752       1.752       1.752
                       (AC-FT)        2.          2.          2.          2.

                       CUMULATIVE AREA =     .03 SQ MI


       ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF3
                          FOR PLAN 1, RATIO =  .95

     TOTAL RAINFALL =    2.85, TOTAL LOSS =    1.16, TOTAL EXCESS =    1.69

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      38.      3.58                  5.          1.          1.          1.
                      (INCHES)     1.685       1.685       1.685       1.685
                       (AC-FT)        2.          2.          2.          2.

                       CUMULATIVE AREA =     .03 SQ MI


       ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF3
                          FOR PLAN 1, RATIO =  .54

     TOTAL RAINFALL =    1.62, TOTAL LOSS =     .95, TOTAL EXCESS =     .67

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      16.      3.58                  2.          0.          0.          0.
                      (INCHES)      .670        .670        .670        .670
                       (AC-FT)        1.          1.          1.          1.

                       CUMULATIVE AREA =     .03 SQ MI
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*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

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            *            *
 404 KK     *     *OFF4  *
            *            *
            **************

 407 KO          OUTPUT CONTROL VARIABLES
                      IPRNT           3  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

 408 BA          SUBBASIN CHARACTERISTICS
                      TAREA         .06  SUBBASIN AREA

                 PRECIPITATION DATA

 370 PB               STORM        3.00  BASIN TOTAL PRECIPITATION

  33 PI            INCREMENTAL PRECIPITATION PATTERN
                      .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                      .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                      .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                      .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                      .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                      .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00

 409 LS          SCS LOSS RATE
                      STRTL         .27  INITIAL ABSTRACTION
                     CRVNBR       88.00  CURVE NUMBER
                      RTIMP         .00  PERCENT IMPERVIOUS AREA

 410 UD          SCS DIMENSIONLESS UNITGRAPH
                       TLAG         .13  LAG

                                                                                  ***

                                                                        UNIT HYDROGRAPH
                                                                  10 END-OF-PERIOD ORDINATES
              69.      160.      122.       53.       25.       12.        5.        2.        1.        0.

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      90.      3.58                 11.          3.          3.           3.
                       (INCHES)    1.818       1.818       1.818        1.818
                        (AC-FT)       6.          6.          6.           6.

                        CUMULATIVE AREA =     .06 SQ MI


       ***            ***            ***            ***            ***

                         HYDROGRAPH AT STATION    *OFF4
                           FOR PLAN 1, RATIO = 1.00

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      90.      3.58                 11.          3.          3.           3.
                       (INCHES)    1.818       1.818       1.818        1.818
                        (AC-FT)       6.          6.          6.           6.

                        CUMULATIVE AREA =     .06 SQ MI


       ***            ***            ***            ***            ***

                         HYDROGRAPH AT STATION    *OFF4
                           FOR PLAN 1, RATIO =  .99

    TOTAL RAINFALL =    2.97, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.79

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                         (CFS)
+      89.      3.58                 11.          3.          3.           3.
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                                                                    INT
                      (INCHES)     1.791       1.792       1.792       1.792
                       (AC-FT)        6.          6.          6.          6.

                       CUMULATIVE AREA =     .06 SQ MI


       ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF4
                          FOR PLAN 1, RATIO =  .98

     TOTAL RAINFALL =    2.92, TOTAL LOSS =    1.17, TOTAL EXCESS =    1.75

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      87.      3.58                  11.          3.          3.          3.
                      (INCHES)     1.751       1.752       1.752       1.752
                       (AC-FT)        5.          5.          5.          5.

                       CUMULATIVE AREA =     .06 SQ MI


       ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF4
                          FOR PLAN 1, RATIO =  .95

     TOTAL RAINFALL =    2.85, TOTAL LOSS =    1.16, TOTAL EXCESS =    1.69

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      84.      3.58                  11.          3.          3.          3.
                      (INCHES)     1.685       1.685       1.685       1.685
                       (AC-FT)        5.          5.          5.          5.

                       CUMULATIVE AREA =     .06 SQ MI


       ***            ***            ***            ***            ***

                        HYDROGRAPH AT STATION    *OFF4
                          FOR PLAN 1, RATIO =  .54

     TOTAL RAINFALL =    1.62, TOTAL LOSS =     .95, TOTAL EXCESS =     .67

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      35.      3.58                   4.          1.          1.          1.
                      (INCHES)      .670        .670        .670        .670
                       (AC-FT)        2.          2.          2.          2.

                       CUMULATIVE AREA =     .06 SQ MI



*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


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            *            *
 411 KK     *     *OFF5  *
            *            *
            **************

 414 KO          OUTPUT CONTROL VARIABLES
                      IPRNT           3  PRINT CONTROL
                      IPLOT           0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

 415 BA          SUBBASIN CHARACTERISTICS
                      TAREA         .26  SUBBASIN AREA

                 PRECIPITATION DATA

 370 PB               STORM        3.00  BASIN TOTAL PRECIPITATION

  33 PI            INCREMENTAL PRECIPITATION PATTERN
                      .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                      .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                      .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                      .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                      .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                      .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                      .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                      .00       .00
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 416 LS          SCS LOSS RATE
                      STRTL         .27  INITIAL ABSTRACTION
                     CRVNBR       88.00  CURVE NUMBER
                      RTIMP         .00  PERCENT IMPERVIOUS AREA

 417 UD          SCS DIMENSIONLESS UNITGRAPH
                       TLAG         .42  LAG

                                                                    ***

                                                          UNIT HYDROGRAPH
                                                     27 END-OF-PERIOD ORDINATES
                24.       72.      151.      231.      269.      268.      238.      196.      141.      102.
                76.       58.       43.       32.       24.       17.       13.       10.        7.        5.
                 4.        3.        2.        2.        1.        1.        0.

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     252.      3.83                   50.         13.         12.          12.
                        (INCHES)     1.814       1.818       1.818        1.818
                         (AC-FT)       25.         25.         25.          25.

                         CUMULATIVE AREA =     .26 SQ MI


      ***            ***            ***            ***            ***

                          HYDROGRAPH AT STATION    *OFF5
                            FOR PLAN 1, RATIO = 1.00

    TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     252.      3.83                   50.         13.         12.          12.
                        (INCHES)     1.814       1.818       1.818        1.818
                         (AC-FT)       25.         25.         25.          25.

                         CUMULATIVE AREA =     .26 SQ MI


      ***            ***            ***            ***            ***

                          HYDROGRAPH AT STATION    *OFF5
                            FOR PLAN 1, RATIO =  .99

    TOTAL RAINFALL =    2.97, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.79

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     248.      3.83                   49.         12.         12.          12.
                        (INCHES)     1.788       1.792       1.792        1.792
                         (AC-FT)       24.         25.         25.          25.

                         CUMULATIVE AREA =     .26 SQ MI


      ***            ***            ***            ***            ***

                          HYDROGRAPH AT STATION    *OFF5
                            FOR PLAN 1, RATIO =  .98

    TOTAL RAINFALL =    2.92, TOTAL LOSS =    1.17, TOTAL EXCESS =    1.75

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     243.      3.83                   48.         12.         12.          12.
                        (INCHES)     1.748       1.752       1.752        1.752
                         (AC-FT)       24.         24.         24.          24.

                         CUMULATIVE AREA =     .26 SQ MI


      ***            ***            ***            ***            ***

                          HYDROGRAPH AT STATION    *OFF5
                            FOR PLAN 1, RATIO =  .95

    TOTAL RAINFALL =    2.85, TOTAL LOSS =    1.16, TOTAL EXCESS =    1.69

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                      6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
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```
                                                                                INT
                          (CFS)
+     234.      3.83                  46.         12.         11.          11.
                       (INCHES)     1.682       1.685       1.685        1.685
                        (AC-FT)       23.         23.         23.          23.

                        CUMULATIVE AREA =     .26 SQ MI


       ***            ***            ***            ***            ***

                         HYDROGRAPH AT STATION    *OFF5
                           FOR PLAN 1, RATIO =  .54

     TOTAL RAINFALL =    1.62, TOTAL LOSS =     .95, TOTAL EXCESS =     .67

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      94.      3.83                  19.          5.          4.           4.
                       (INCHES)      .670        .670        .670         .670
                        (AC-FT)        9.          9.          9.           9.

                        CUMULATIVE AREA =     .26 SQ MI



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            **************
            *            *
 418 KK     *     *OFF6  *
            *            *
            **************

 421 KO          OUTPUT CONTROL VARIABLES
                       IPRNT           3  PRINT CONTROL
                       IPLOT           0  PLOT CONTROL
                       QSCAL          0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

 422 BA          SUBBASIN CHARACTERISTICS
                       TAREA         .04  SUBBASIN AREA

                 PRECIPITATION DATA

 370 PB                STORM        3.00  BASIN TOTAL PRECIPITATION

  33 PI            INCREMENTAL PRECIPITATION PATTERN
                       .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                       .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                       .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                       .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                       .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                       .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                       .00       .00

 423 LS          SCS LOSS RATE
                       STRTL         .27  INITIAL ABSTRACTION
                      CRVNBR       88.00  CURVE NUMBER
                       RTIMP         .00  PERCENT IMPERVIOUS AREA

 424 UD          SCS DIMENSIONLESS UNITGRAPH
                        TLAG         .12  LAG

                                                                  ***

                                                          UNIT HYDROGRAPH
                                                      9 END-OF-PERIOD ORDINATES
                62.      121.       73.       30.       13.        5.        2.        1.        0.

     TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                     6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+      62.      3.58                   8.          2.          2.           2.
                       (INCHES)     1.818       1.818       1.818        1.818
                        (AC-FT)        4.          4.          4.           4.

                        CUMULATIVE AREA =     .04 SQ MI


       ***            ***            ***            ***            ***

                         HYDROGRAPH AT STATION    *OFF6
                           FOR PLAN 1, RATIO = 1.00

     TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82
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INT

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 62.	3.58	8.	2.	2.	2.
		(INCHES) 1.818	1.818	1.818	1.818
		(AC-FT) 4.	4.	4.	4.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF6
FOR PLAN 1, RATIO = .99

TOTAL RAINFALL = 2.97, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.79

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 62.	3.58	8.	2.	2.	2.
		(INCHES) 1.791	1.792	1.792	1.792
		(AC-FT) 4.	4.	4.	4.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF6
FOR PLAN 1, RATIO = .98

TOTAL RAINFALL = 2.92, TOTAL LOSS = 1.17, TOTAL EXCESS = 1.75

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 60.	3.58	8.	2.	2.	2.
		(INCHES) 1.751	1.752	1.752	1.752
		(AC-FT) 4.	4.	4.	4.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF6
FOR PLAN 1, RATIO = .95

TOTAL RAINFALL = 2.85, TOTAL LOSS = 1.16, TOTAL EXCESS = 1.69

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 58.	3.58	7.	2.	2.	2.
		(INCHES) 1.685	1.685	1.685	1.685
		(AC-FT) 4.	4.	4.	4.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION *OFF6
FOR PLAN 1, RATIO = .54

TOTAL RAINFALL = 1.62, TOTAL LOSS = .95, TOTAL EXCESS = .67

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 24.	3.58	3.	1.	1.	1.
		(INCHES) .670	.670	.670	.670
		(AC-FT) 1.	1.	1.	1.

CUMULATIVE AREA = .04 SQ MI

*** *** *** *

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593 KO          OUTPUT CONTROL VARIABLES
                     IPRNT          1  PRINT CONTROL
                     IPLOT          0  PLOT CONTROL
                     QSCAL          0.  HYDROGRAPH PLOT SCALE

              HYDROGRAPH ROUTING DATA

594 RS          STORAGE ROUTING
                     NSTPS          1  NUMBER OF SUBREACHES
                      ITYP       ELEV  TYPE OF INITIAL CONDITION
                    RSVRIC    2797.30  INITIAL CONDITION
                         X        .00 WORKING R AND D COEFFICIENT

595 SA              AREA          .0       .1       .1       .2       .4       .8       .9

596 SE          ELEVATION     2797.30  2798.00  2799.00  2800.00  2805.00  2812.00  2813.00

597 SQ          DISCHARGE          0.       54.      129.     193.     241.     268.

598 SE          ELEVATION     2797.30  2802.00  2804.00  2807.00  2810.00  2812.00
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***

COMPUTED STORAGE-ELEVATION DATA

STORAGE	.00	.02	.13	.26	1.52	5.49	6.31
ELEVATION	2797.30	2798.00	2799.00	2800.00	2805.00	2812.00	2813.00

COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	.02	.13	.26	.63	1.18	1.52	2.36	4.05	5.49
OUTFLOW	.00	8.04	19.53	31.02	54.00	129.00	150.33	193.00	241.00	268.00
ELEVATION	2797.30	2798.00	2799.00	2800.00	2802.00	2804.00	2805.00	2807.00	2810.00	2812.00

STORAGE	6.31
OUTFLOW	281.50
ELEVATION	2813.00

*** WARNING *** MODIFIED PULS ROUTING MAY BE NUMERICALLY UNSTABLE FOR OUTFLOWS BETWEEN 0. TO 8.
THE ROUTED HYDROGRAPH SHOULD BE EXAMINED FOR OSCILLATIONS OR OUTFLOWS GREATER THAN PEAK INFLOWS.
THIS CAN BE CORRECTED BY DECREASING THE TIME INTERVAL OR INCREASING STORAGE (USE A LONGER REACH.)

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HYDROGRAPH AT STATION *DBN
PLAN 1, RATIO = 1.00

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2797.3	1		0820	101	0.	.0	2797.3	1		1640	201	0.	.0	2797.3
1		0005	2	0.	.0	2797.3	1		0825	102	0.	.0	2797.3	1		1645	202	0.	.0	2797.3
1		0010	3	1.	.0	2797.4	1		0830	103	0.	.0	2797.3	1		1650	203	0.	.0	2797.3
1		0015	4	2.	.0	2797.5	1		0835	104	0.	.0	2797.3	1		1655	204	0.	.0	2797.3
1		0020	5	3.	.0	2797.6	1		0840	105	0.	.0	2797.3	1		1700	205	0.	.0	2797.3
1		0025	6	5.	.0	2797.7	1		0845	106	0.	.0	2797.3	1		1705	206	0.	.0	2797.3
1		0030	7	6.	.0	2797.9	1		0850	107	0.	.0	2797.3	1		1710	207	0.	.0	2797.3
1		0035	8	7.	.0	2797.9	1		0855	108	0.	.0	2797.3	1		1715	208	0.	.0	2797.3
1		0040	9	5.	.0	2797.7	1		0900	109	0.	.0	2797.3	1		1720	209	0.	.0	2797.3
1		0045	10	3.	.0	2797.5	1		0905	110	0.	.0	2797.3	1		1725	210	0.	.0	2797.3
1		0050	11	1.	.0	2797.4	1		0910	111	0.	.0	2797.3	1		1730	211	0.	.0	2797.3
1		0055	12	1.	.0	2797.4	1		0915	112	0.	.0	2797.3	1		1735	212	0.	.0	2797.3
1		0100	13	1.	.0	2797.4	1		0920	113	0.	.0	2797.3	1		1740	213	0.	.0	2797.3
1		0105	14	1.	.0	2797.4	1		0925	114	0.	.0	2797.3	1		1745	214	0.	.0	2797.3
1		0110	15	1.	.0	2797.4	1		0930	115	0.	.0	2797.3	1		1750	215	0.	.0	2797.3
1		0115	16	2.	.0	2797.5	1		0935	116	0.	.0	2797.3	1		1755	216	0.	.0	2797.3
1		0120	17	2.	.0	2797.5	1		0940	117	0.	.0	2797.3	1		1800	217	0.	.0	2797.3
1		0125	18	3.	.0	2797.6	1		0945	118	0.	.0	2797.3	1		1805	218	0.	.0	2797.3
1		0130	19	5.	.0	2797.7	1		0950	119	0.	.0	2797.3	1		1810	219	0.	.0	2797.3
1		0135	20	6.	.0	2797.9	1		0955	120	0.	.0	2797.3	1		1815	220	0.	.0	2797.3
1		0140	21	7.	.0	2797.9	1		1000	121	0.	.0	2797.3	1		1820	221	0.	.0	2797.3
1		0145	22	7.	.0	2797.9	1		1005	122	0.	.0	2797.3	1		1825	222	0.	.0	2797.3
1		0150	23	6.	.0	2797.8	1		1010	123	0.	.0	2797.3	1		1830	223	0.	.0	2797.3
1		0155	24	5.	.0	2797.7	1		1015	124	0.	.0	2797.3	1		1835	224	0.	.0	2797.3
1		0200	25	4.	.0	2797.6	1		1020	125	0.	.0	2797.3	1		1840	225	0.	.0	2797.3
1		0205	26	3.	.0	2797.6	1		1025	126	0.	.0	2797.3	1		1845	226	0.	.0	2797.3
1		0210	27	4.	.0	2797.6	1		1030	127	0.	.0	2797.3	1		1850	227	0.	.0	2797.3
1		0215	28	6.	.0	2797.8	1		1035	128	0.	.0	2797.3	1		1855	228	0.	.0	2797.3
1		0220	29	8.	.0	2798.0	1		1040	129	0.	.0	2797.3	1		1900	229	0.	.0	2797.3
1		0225	30	9.	.0	2798.0	1		1045	130	0.	.0	2797.3	1		1905	230	0.	.0	2797.3
1		0230	31	8.	.0	2798.0	1		1050	131	0.	.0	2797.3	1		1910	231	0.	.0	2797.3
1		0235	32	7.	.0	2797.9	1		1055	132	0.	.0	2797.3	1		1915	232	0.	.0	2797.3
1		0240	33	8.	.0	2798.0	1		1100	133	0.	.0	2797.3	1		1920	233	0.	.0	2797.3
1		0245	34	9.	.0	2798.1	1		1105	134	0.	.0	2797.3	1		1925	234	0.	.0	2797.3
1		0250	35	9.	.0	2798.1	1		1110	135	0.	.0	2797.3	1		1930	235	0.	.0	2797.3
1		0255	36	8.	.0	2798.0	1		1115	136	0.	.0	2797.3	1		1935	236	0.	.0	2797.3
1		0300	37	7.	.0	2797.9	1		1120	137	0.	.0	2797.3	1		1940	237	0.	.0	2797.3
1		0305	38	9.	.0	2798.1	1		1125	138	0.	.0	2797.3	1		1945	238	0.	.0	2797.3
1		0310	39	13.	.1	2798.4	1		1130	139	0.	.0	2797.3	1		1950	239	0.	.0	2797.3
1		0315	40	19.	.1	2799.0	1		1135	140	0.	.0	2797.3	1		1955	240	0.	.0	2797.3
1		0320	41	29.	.2	2799.8	1		1140	141	0.	.0	2797.3	1		2000	241	0.	.0	2797.3
1		0325	42	41.	.4	2800.9	1		1145	142	0.	.0	2797.3	1		2005	242	0.	.0	2797.3

										INT													
1	0330	43	63.	.7	2802.2	*	1	1150	143	0.	.0	2797.3	*	1	2010	243	0.	.0	2797.3
1	0335	44	94.	.9	2803.1	*	1	1155	144	0.	.0	2797.3	*	1	2015	244	0.	.0	2797.3
1	0340	45	104.	1.0	2803.3	*	1	1200	145	0.	.0	2797.3	*	1	2020	245	0.	.0	2797.3
1	0345	46	98.	1.0	2803.2	*	1	1205	146	0.	.0	2797.3	*	1	2025	246	0.	.0	2797.3
1	0350	47	84.	.9	2802.8	*	1	1210	147	0.	.0	2797.3	*	1	2030	247	0.	.0	2797.3
1	0355	48	66.	.7	2802.3	*	1	1215	148	0.	.0	2797.3	*	1	2035	248	0.	.0	2797.3
1	0400	49	53.	.6	2801.9	*	1	1220	149	0.	.0	2797.3	*	1	2040	249	0.	.0	2797.3
1	0405	50	46.	.5	2801.3	*	1	1225	150	0.	.0	2797.3	*	1	2045	250	0.	.0	2797.3
1	0410	51	39.	.4	2800.7	*	1	1230	151	0.	.0	2797.3	*	1	2050	251	0.	.0	2797.3
1	0415	52	32.	.3	2800.1	*	1	1235	152	0.	.0	2797.3	*	1	2055	252	0.	.0	2797.3
1	0420	53	25.	.2	2799.5	*	1	1240	153	0.	.0	2797.3	*	1	2100	253	0.	.0	2797.3
1	0425	54	21.	.1	2799.1	*	1	1245	154	0.	.0	2797.3	*	1	2105	254	0.	.0	2797.3
1	0430	55	19.	.1	2798.9	*	1	1250	155	0.	.0	2797.3	*	1	2110	255	0.	.0	2797.3
1	0435	56	19.	.1	2799.0	*	1	1255	156	0.	.0	2797.3	*	1	2115	256	0.	.0	2797.3
1	0440	57	20.	.1	2799.0	*	1	1300	157	0.	.0	2797.3	*	1	2120	257	0.	.0	2797.3
1	0445	58	20.	.1	2799.1	*	1	1305	158	0.	.0	2797.3	*	1	2125	258	0.	.0	2797.3
1	0450	59	21.	.1	2799.2	*	1	1310	159	0.	.0	2797.3	*	1	2130	259	0.	.0	2797.3
1	0455	60	22.	.2	2799.2	*	1	1315	160	0.	.0	2797.3	*	1	2135	260	0.	.0	2797.3
1	0500	61	22.	.2	2799.2	*	1	1320	161	0.	.0	2797.3	*	1	2140	261	0.	.0	2797.3
1	0505	62	20.	.1	2799.0	*	1	1325	162	0.	.0	2797.3	*	1	2145	262	0.	.0	2797.3
1	0510	63	17.	.1	2798.8	*	1	1330	163	0.	.0	2797.3	*	1	2150	263	0.	.0	2797.3
1	0515	64	14.	.1	2798.5	*	1	1335	164	0.	.0	2797.3	*	1	2155	264	0.	.0	2797.3
1	0520	65	11.	.0	2798.3	*	1	1340	165	0.	.0	2797.3	*	1	2200	265	0.	.0	2797.3
1	0525	66	9.	.0	2798.1	*	1	1345	166	0.	.0	2797.3	*	1	2205	266	0.	.0	2797.3
1	0530	67	6.	.0	2797.8	*	1	1350	167	0.	.0	2797.3	*	1	2210	267	0.	.0	2797.3
1	0535	68	4.	.0	2797.6	*	1	1355	168	0.	.0	2797.3	*	1	2215	268	0.	.0	2797.3
1	0540	69	3.	.0	2797.6	*	1	1400	169	0.	.0	2797.3	*	1	2220	269	0.	.0	2797.3
1	0545	70	3.	.0	2797.5	*	1	1405	170	0.	.0	2797.3	*	1	2225	270	0.	.0	2797.3
1	0550	71	3.	.0	2797.5	*	1	1410	171	0.	.0	2797.3	*	1	2230	271	0.	.0	2797.3
1	0555	72	2.	.0	2797.5	*	1	1415	172	0.	.0	2797.3	*	1	2235	272	0.	.0	2797.3
1	0600	73	2.	.0	2797.5	*	1	1420	173	0.	.0	2797.3	*	1	2240	273	0.	.0	2797.3
1	0605	74	2.	.0	2797.4	*	1	1425	174	0.	.0	2797.3	*	1	2245	274	0.	.0	2797.3
1	0610	75	1.	.0	2797.4	*	1	1430	175	0.	.0	2797.3	*	1	2250	275	0.	.0	2797.3
1	0615	76	1.	.0	2797.4	*	1	1435	176	0.	.0	2797.3	*	1	2255	276	0.	.0	2797.3
1	0620	77	1.	.0	2797.4	*	1	1440	177	0.	.0	2797.3	*	1	2300	277	0.	.0	2797.3
1	0625	78	1.	.0	2797.4	*	1	1445	178	0.	.0	2797.3	*	1	2305	278	0.	.0	2797.3
1	0630	79	0.	.0	2797.3	*	1	1450	179	0.	.0	2797.3	*	1	2310	279	0.	.0	2797.3
1	0635	80	0.	.0	2797.3	*	1	1455	180	0.	.0	2797.3	*	1	2315	280	0.	.0	2797.3
1	0640	81	0.	.0	2797.3	*	1	1500	181	0.	.0	2797.3	*	1	2320	281	0.	.0	2797.3
1	0645	82	0.	.0	2797.3	*	1	1505	182	0.	.0	2797.3	*	1	2325	282	0.	.0	2797.3
1	0650	83	0.	.0	2797.3	*	1	1510	183	0.	.0	2797.3	*	1	2330	283	0.	.0	2797.3
1	0655	84	0.	.0	2797.3	*	1	1515	184	0.	.0	2797.3	*	1	2335	284	0.	.0	2797.3
1	0700	85	0.	.0	2797.3	*	1	1520	185	0.	.0	2797.3	*	1	2340	285	0.	.0	2797.3
1	0705	86	0.	.0	2797.3	*	1	1525	186	0.	.0	2797.3	*	1	2345	286	0.	.0	2797.3
1	0710	87	0.	.0	2797.3	*	1	1530	187	0.	.0	2797.3	*	1	2350	287	0.	.0	2797.3
1	0715	88	0.	.0	2797.3	*	1	1535	188	0.	.0	2797.3	*	1	2355	288	0.	.0	2797.3
1	0720	89	0.	.0	2797.3	*	1	1540	189	0.	.0	2797.3	*	2	0000	289	0.	.0	2797.3
1	0725	90	0.	.0	2797.3	*	1	1545	190	0.	.0	2797.3	*	2	0005	290	0.	.0	2797.3
1	0730	91	0.	.0	2797.3	*	1	1550	191	0.	.0	2797.3	*	2	0010	291	0.	.0	2797.3
1	0735	92	0.	.0	2797.3	*	1	1555	192	0.	.0	2797.3	*	2	0015	292	0.	.0	2797.3
1	0740	93	0.	.0	2797.3	*	1	1600	193	0.	.0	2797.3	*	2	0020	293	0.	.0	2797.3
1	0745	94	0.	.0	2797.3	*	1	1605	194	0.	.0	2797.3	*	2	0025	294	0.	.0	2797.3
1	0750	95	0.	.0	2797.3	*	1	1610	195	0.	.0	2797.3	*	2	0030	295	0.	.0	2797.3
1	0755	96	0.	.0	2797.3	*	1	1615	196	0.	.0	2797.3	*	2	0035	296	0.	.0	2797.3
1	0800	97	0.	.0	2797.3	*	1	1620	197	0.	.0	2797.3	*	2	0040	297	0.	.0	2797.3
1	0805	98	0.	.0	2797.3	*	1	1625	198	0.	.0	2797.3	*	2	0045	298	0.	.0	2797.3
1	0810	99	0.	.0	2797.3	*	1	1630	199	0.	.0	2797.3	*	2	0050	299	0.	.0	2797.3
1	0815	100	0.	.0	2797.3	*	1	1635	200	0.	.0	2797.3	*	2	0055	300	0.	.0	2797.3
						*							*						

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 104.	3.67	17.	4.	4.	4.
		(INCHES) 9.029	9.065	9.065	9.065
		(AC-FT) 9.	9.	9.	9.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
1.	3.67	0.	0.	0.	0.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
2803.33	3.67	2798.65	2797.65	2797.63	2797.63

CUMULATIVE AREA = .02 SQ MI

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HYDROGRAPH AT STATION *DBN
PLAN 1, RATIO = .99

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	0.	.0	2797.3	*	1	0820		101	0.	.0	2797.3	*	1	1640		201	0.	.0	2797.3
1	0005		2	0.	.0	2797.3	*	1	0825		102	0.	.0	2797.3	*	1	1645		202	0.	.0	2797.3
1	0010		3	1.	.0	2797.4	*	1	0830		103	0.	.0	2797.3	*	1	1650		203	0.	.0	2797.3

											INT									
1	0015	4	2.	.0	2797.5	*	1	0835	104	0.	.0	2797.3	*	1	1655	204	0.	.0	2797.3
1	0020	5	3.	.0	2797.6	*	1	0840	105	0.	.0	2797.3	*	1	1700	205	0.	.0	2797.3
1	0025	6	5.	.0	2797.7	*	1	0845	106	0.	.0	2797.3	*	1	1705	206	0.	.0	2797.3
1	0030	7	6.	.0	2797.8	*	1	0850	107	0.	.0	2797.3	*	1	1710	207	0.	.0	2797.3
1	0035	8	6.	.0	2797.9	*	1	0855	108	0.	.0	2797.3	*	1	1715	208	0.	.0	2797.3
1	0040	9	5.	.0	2797.7	*	1	0900	109	0.	.0	2797.3	*	1	1720	209	0.	.0	2797.3
1	0045	10	3.	.0	2797.5	*	1	0905	110	0.	.0	2797.3	*	1	1725	210	0.	.0	2797.3
1	0050	11	1.	.0	2797.4	*	1	0910	111	0.	.0	2797.3	*	1	1730	211	0.	.0	2797.3
1	0055	12	1.	.0	2797.4	*	1	0915	112	0.	.0	2797.3	*	1	1735	212	0.	.0	2797.3
1	0100	13	1.	.0	2797.4	*	1	0920	113	0.	.0	2797.3	*	1	1740	213	0.	.0	2797.3
1	0105	14	1.	.0	2797.4	*	1	0925	114	0.	.0	2797.3	*	1	1745	214	0.	.0	2797.3
1	0110	15	1.	.0	2797.4	*	1	0930	115	0.	.0	2797.3	*	1	1750	215	0.	.0	2797.3
1	0115	16	2.	.0	2797.5	*	1	0935	116	0.	.0	2797.3	*	1	1755	216	0.	.0	2797.3
1	0120	17	2.	.0	2797.5	*	1	0940	117	0.	.0	2797.3	*	1	1800	217	0.	.0	2797.3
1	0125	18	3.	.0	2797.6	*	1	0945	118	0.	.0	2797.3	*	1	1805	218	0.	.0	2797.3
1	0130	19	5.	.0	2797.7	*	1	0950	119	0.	.0	2797.3	*	1	1810	219	0.	.0	2797.3
1	0135	20	6.	.0	2797.9	*	1	0955	120	0.	.0	2797.3	*	1	1815	220	0.	.0	2797.3
1	0140	21	7.	.0	2797.9	*	1	1000	121	0.	.0	2797.3	*	1	1820	221	0.	.0	2797.3
1	0145	22	7.	.0	2797.9	*	1	1005	122	0.	.0	2797.3	*	1	1825	222	0.	.0	2797.3
1	0150	23	6.	.0	2797.8	*	1	1010	123	0.	.0	2797.3	*	1	1830	223	0.	.0	2797.3
1	0155	24	5.	.0	2797.7	*	1	1015	124	0.	.0	2797.3	*	1	1835	224	0.	.0	2797.3
1	0200	25	4.	.0	2797.6	*	1	1020	125	0.	.0	2797.3	*	1	1840	225	0.	.0	2797.3
1	0205	26	3.	.0	2797.6	*	1	1025	126	0.	.0	2797.3	*	1	1845	226	0.	.0	2797.3
1	0210	27	4.	.0	2797.6	*	1	1030	127	0.	.0	2797.3	*	1	1850	227	0.	.0	2797.3
1	0215	28	6.	.0	2797.8	*	1	1035	128	0.	.0	2797.3	*	1	1855	228	0.	.0	2797.3
1	0220	29	8.	.0	2798.0	*	1	1040	129	0.	.0	2797.3	*	1	1900	229	0.	.0	2797.3
1	0225	30	8.	.0	2798.0	*	1	1045	130	0.	.0	2797.3	*	1	1905	230	0.	.0	2797.3
1	0230	31	8.	.0	2798.0	*	1	1050	131	0.	.0	2797.3	*	1	1910	231	0.	.0	2797.3
1	0235	32	7.	.0	2797.9	*	1	1055	132	0.	.0	2797.3	*	1	1915	232	0.	.0	2797.3
1	0240	33	7.	.0	2797.9	*	1	1100	133	0.	.0	2797.3	*	1	1920	233	0.	.0	2797.3
1	0245	34	9.	.0	2798.0	*	1	1105	134	0.	.0	2797.3	*	1	1925	234	0.	.0	2797.3
1	0250	35	9.	.0	2798.1	*	1	1110	135	0.	.0	2797.3	*	1	1930	235	0.	.0	2797.3
1	0255	36	8.	.0	2798.0	*	1	1115	136	0.	.0	2797.3	*	1	1935	236	0.	.0	2797.3
1	0300	37	7.	.0	2797.9	*	1	1120	137	0.	.0	2797.3	*	1	1940	237	0.	.0	2797.3
1	0305	38	9.	.0	2798.1	*	1	1125	138	0.	.0	2797.3	*	1	1945	238	0.	.0	2797.3
1	0310	39	13.	.1	2798.4	*	1	1130	139	0.	.0	2797.3	*	1	1950	239	0.	.0	2797.3
1	0315	40	19.	.1	2799.0	*	1	1135	140	0.	.0	2797.3	*	1	1955	240	0.	.0	2797.3
1	0320	41	29.	.2	2799.8	*	1	1140	141	0.	.0	2797.3	*	1	2000	241	0.	.0	2797.3
1	0325	42	41.	.4	2800.9	*	1	1145	142	0.	.0	2797.3	*	1	2005	242	0.	.0	2797.3
1	0330	43	62.	.7	2802.2	*	1	1150	143	0.	.0	2797.3	*	1	2010	243	0.	.0	2797.3
1	0335	44	93.	.9	2803.0	*	1	1155	144	0.	.0	2797.3	*	1	2015	244	0.	.0	2797.3
1	0340	45	102.	1.0	2803.3	*	1	1200	145	0.	.0	2797.3	*	1	2020	245	0.	.0	2797.3
1	0345	46	97.	.9	2803.1	*	1	1205	146	0.	.0	2797.3	*	1	2025	246	0.	.0	2797.3
1	0350	47	83.	.8	2802.8	*	1	1210	147	0.	.0	2797.3	*	1	2030	247	0.	.0	2797.3
1	0355	48	66.	.7	2802.3	*	1	1215	148	0.	.0	2797.3	*	1	2035	248	0.	.0	2797.3
1	0400	49	52.	.6	2801.8	*	1	1220	149	0.	.0	2797.3	*	1	2040	249	0.	.0	2797.3
1	0405	50	46.	.5	2801.3	*	1	1225	150	0.	.0	2797.3	*	1	2045	250	0.	.0	2797.3
1	0410	51	39.	.4	2800.7	*	1	1230	151	0.	.0	2797.3	*	1	2050	251	0.	.0	2797.3
1	0415	52	32.	.3	2800.1	*	1	1235	152	0.	.0	2797.3	*	1	2055	252	0.	.0	2797.3
1	0420	53	25.	.2	2799.5	*	1	1240	153	0.	.0	2797.3	*	1	2100	253	0.	.0	2797.3
1	0425	54	21.	.1	2799.1	*	1	1245	154	0.	.0	2797.3	*	1	2105	254	0.	.0	2797.3
1	0430	55	19.	.1	2798.9	*	1	1250	155	0.	.0	2797.3	*	1	2110	255	0.	.0	2797.3
1	0435	56	19.	.1	2798.9	*	1	1255	156	0.	.0	2797.3	*	1	2115	256	0.	.0	2797.3
1	0440	57	20.	.1	2799.0	*	1	1300	157	0.	.0	2797.3	*	1	2120	257	0.	.0	2797.3
1	0445	58	20.	.1	2799.1	*	1	1305	158	0.	.0	2797.3	*	1	2125	258	0.	.0	2797.3
1	0450	59	21.	.1	2799.1	*	1	1310	159	0.	.0	2797.3	*	1	2130	259	0.	.0	2797.3
1	0455	60	22.	.2	2799.2	*	1	1315	160	0.	.0	2797.3	*	1	2135	260	0.	.0	2797.3
1	0500	61	21.	.1	2799.2	*	1	1320	161	0.	.0	2797.3	*	1	2140	261	0.	.0	2797.3
1	0505	62	20.	.1	2799.0	*	1	1325	162	0.	.0	2797.3	*	1	2145	262	0.	.0	2797.3
1	0510	63	17.	.1	2798.7	*	1	1330	163	0.	.0	2797.3	*	1	2150	263	0.	.0	2797.3
1	0515	64	14.	.1	2798.5	*	1	1335	164	0.	.0	2797.3	*	1	2155	264	0.	.0	2797.3
1	0520	65	11.	.0	2798.2	*	1	1340	165	0.	.0	2797.3	*	1	2200	265	0.	.0	2797.3
1	0525	66	9.	.0	2798.0	*	1	1345	166	0.	.0	2797.3	*	1	2205	266	0.	.0	2797.3
1	0530	67	5.	.0	2797.8	*	1	1350	167	0.	.0	2797.3	*	1	2210	267	0.	.0	2797.3
1	0535	68	4.	.0	2797.6	*	1	1355	168	0.	.0	2797.3	*	1	2215	268	0.	.0	2797.3
1	0540	69	3.	.0	2797.5	*	1	1400	169	0.	.0	2797.3	*	1	2220	269	0.	.0	2797.3
1	0545	70	3.	.0	2797.5	*	1	1405	170	0.	.0	2797.3	*	1	2225	270	0.	.0	2797.3
1	0550	71	3.	.0	2797.5	*	1	1410	171	0.	.0	2797.3	*	1	2230	271	0.	.0	2797.3
1	0555	72	2.	.0	2797.5	*	1	1415	172	0.	.0	2797.3	*	1	2235	272	0.	.0	2797.3
1	0600	73	2.	.0	2797.5	*	1	1420	173	0.	.0	2797.3	*	1	2240	273	0.	.0	2797.3
1	0605	74	2.	.0	2797.4	*	1	1425	174	0.	.0	2797.3	*	1	2245	274	0.	.0	2797.3
1	0610	75	1.	.0	2797.4	*	1	1430	175	0.	.0	2797.3	*	1	2250	275	0.	.0	2797.3
1	0615	76	1.	.0	2797.4	*	1	1435	176	0.	.0	2797.3	*	1	2255	276	0.	.0	2797.3
1	0620	77	1.	.0	2797.4	*	1	1440	177	0.	.0	2797.3	*	1	2300	277	0.	.0	2797.3
1	0625	78	1.	.0	2797.3	*	1	1445	178	0.	.0	2797.3	*	1	2305	278	0.	.0	2797.3
1	0630	79	0.	.0	2797.3	*	1	1450	179	0.	.0	2797.3	*	1	2310	279	0.	.0	2797.3
1	0635	80	0.	.0	2797.3	*	1	1455	180	0.	.0	2797.3	*	1	2315	280	0.	.0	2797.3
1	0640	81	0.	.0	2797.3	*	1	1500	181	0.	.0	2797.3	*	1	2320	281	0.	.0	2797.3
1	0645	82	0.	.0	2797.3	*	1	1505	182	0.	.0	2797.3	*	1	2325	282	0.	.0	2797.3
1	0650	83	0.	.0	2797.3	*	1	1510	183	0.	.0	2797.3	*	1	2330	283	0.	.0	2797.3
1	0655	84	0.	.0	2797.3	*	1	1515	184	0.	.0	2797.3	*	1	2335	284	0.	.0	2797.3
1	0700	85	0.	.0	2797.3	*	1	1520	185	0.	.0	2797.3	*	1	2340	285	0.	.0	2797.3
1	0705	86	0.	.0	2797.3	*	1	1525	186	0.	.0	2797.3	*	1	2345	286	0.	.0	2797.3
1	0710	87	0.	.0	2797.3	*	1	1530	187	0.	.0	2797.3	*	1	2350	287	0.	.0	2797.3
1	0715	88	0.	.0	2797.3	*	1	1535	188	0.	.0	2797.3	*	1	2355	288	0.	.0	2797.3
1	0720	89	0.	.0	2797.3	*	1	1540	189	0.	.0	2797.3	*	2	0000	289	0.	.0	2797.3
1	0725	90	0.	.0	2797.3	*	1	1545	190	0.	.0	2797.3	*	2	0005	290	0.	.0	2797.3
1	0730	91	0.	.0	2797.3	*	1	1550	191	0.	.0	2797.3	*	2	0010	291	0.	.0	2797.3
1	0735	92	0.	.0	2797.3	*	1	1555	192	0.	.0	2797.3	*	2	0015	292	0.	.0	2797.3
1	0740	93	0.	.0	2797.3	*	1	1600	193	0.	.0	2797.3	*	2	0020	293	0.	.0	2797.3
1	0745	94	0.	.0	2797.3	*	1	1605	194	0.	.0	2797.3	*	2	0025	294	0.	.0	2797.3
1	0750	95	0.	.0	2797.3	*	1	1610	195	0.	.0	2797.3	*	2	0030	295	0.	.0	2797.3
1	0755	96	0.	.0	2797.3	*	1	1615	196	0.	.0	2797.3	*	2	0035	296	0.	.0	2797.3
1	0800	97	0.	.0	2797.3	*	1	1620	197	0.	.0	2797.3	*	2	0040	297	0.	.0	2797.3

																		INT					
1	0805	98	0.	.0	2797.3	*	1	1625	198	0.	.0	2797.3	*	2	0045	298	0.	.0	2797.3				
1	0810	99	0.	.0	2797.3	*	1	1630	199	0.	.0	2797.3	*	2	0050	299	0.	.0	2797.3				
1	0815	100	0.	.0	2797.3	*	1	1635	200	0.	.0	2797.3	*	2	0055	300	0.	.0	2797.3				
						*							*										

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 102.	3.67		17.	4.	4.	4.
		(INCHES)	8.919	8.952	8.952	8.952
		(AC-FT)	8.	8.	8.	8.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
1.	3.67	0.	0.	0.	0.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
2803.29	3.67	2798.64	2797.64	2797.63	2797.63

CUMULATIVE AREA = .02 SQ MI

HYDROGRAPH AT STATION *DBN
PLAN 1, RATIO = .98

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
							*								*							
1	0000		1	0.	.0	2797.3	*	1	0820	101	0.	.0	2797.3	*	1	1640	201	0.	.0	2797.3		
1	0005		2	0.	.0	2797.3	*	1	0825	102	0.	.0	2797.3	*	1	1645	202	0.	.0	2797.3		
1	0010		3	1.	.0	2797.4	*	1	0830	103	0.	.0	2797.3	*	1	1650	203	0.	.0	2797.3		
1	0015		4	2.	.0	2797.5	*	1	0835	104	0.	.0	2797.3	*	1	1655	204	0.	.0	2797.3		
1	0020		5	3.	.0	2797.6	*	1	0840	105	0.	.0	2797.3	*	1	1700	205	0.	.0	2797.3		
1	0025		6	4.	.0	2797.7	*	1	0845	106	0.	.0	2797.3	*	1	1705	206	0.	.0	2797.3		
1	0030		7	6.	.0	2797.8	*	1	0850	107	0.	.0	2797.3	*	1	1710	207	0.	.0	2797.3		
1	0035		8	6.	.0	2797.8	*	1	0855	108	0.	.0	2797.3	*	1	1715	208	0.	.0	2797.3		
1	0040		9	5.	.0	2797.7	*	1	0900	109	0.	.0	2797.3	*	1	1720	209	0.	.0	2797.3		
1	0045		10	3.	.0	2797.5	*	1	0905	110	0.	.0	2797.3	*	1	1725	210	0.	.0	2797.3		
1	0050		11	1.	.0	2797.4	*	1	0910	111	0.	.0	2797.3	*	1	1730	211	0.	.0	2797.3		
1	0055		12	1.	.0	2797.4	*	1	0915	112	0.	.0	2797.3	*	1	1735	212	0.	.0	2797.3		
1	0100		13	1.	.0	2797.3	*	1	0920	113	0.	.0	2797.3	*	1	1740	213	0.	.0	2797.3		
1	0105		14	1.	.0	2797.4	*	1	0925	114	0.	.0	2797.3	*	1	1745	214	0.	.0	2797.3		
1	0110		15	1.	.0	2797.4	*	1	0930	115	0.	.0	2797.3	*	1	1750	215	0.	.0	2797.3		
1	0115		16	2.	.0	2797.5	*	1	0935	116	0.	.0	2797.3	*	1	1755	216	0.	.0	2797.3		
1	0120		17	2.	.0	2797.5	*	1	0940	117	0.	.0	2797.3	*	1	1800	217	0.	.0	2797.3		
1	0125		18	3.	.0	2797.6	*	1	0945	118	0.	.0	2797.3	*	1	1805	218	0.	.0	2797.3		
1	0130		19	5.	.0	2797.7	*	1	0950	119	0.	.0	2797.3	*	1	1810	219	0.	.0	2797.3		
1	0135		20	6.	.0	2797.8	*	1	0955	120	0.	.0	2797.3	*	1	1815	220	0.	.0	2797.3		
1	0140		21	7.	.0	2797.9	*	1	1000	121	0.	.0	2797.3	*	1	1820	221	0.	.0	2797.3		
1	0145		22	7.	.0	2797.9	*	1	1005	122	0.	.0	2797.3	*	1	1825	222	0.	.0	2797.3		
1	0150		23	6.	.0	2797.8	*	1	1010	123	0.	.0	2797.3	*	1	1830	223	0.	.0	2797.3		
1	0155		24	5.	.0	2797.7	*	1	1015	124	0.	.0	2797.3	*	1	1835	224	0.	.0	2797.3		
1	0200		25	4.	.0	2797.6	*	1	1020	125	0.	.0	2797.3	*	1	1840	225	0.	.0	2797.3		
1	0205		26	3.	.0	2797.6	*	1	1025	126	0.	.0	2797.3	*	1	1845	226	0.	.0	2797.3		
1	0210		27	4.	.0	2797.6	*	1	1030	127	0.	.0	2797.3	*	1	1850	227	0.	.0	2797.3		
1	0215		28	6.	.0	2797.8	*	1	1035	128	0.	.0	2797.3	*	1	1855	228	0.	.0	2797.3		
1	0220		29	8.	.0	2798.0	*	1	1040	129	0.	.0	2797.3	*	1	1900	229	0.	.0	2797.3		
1	0225		30	8.	.0	2798.0	*	1	1045	130	0.	.0	2797.3	*	1	1905	230	0.	.0	2797.3		
1	0230		31	8.	.0	2798.0	*	1	1050	131	0.	.0	2797.3	*	1	1910	231	0.	.0	2797.3		
1	0235		32	7.	.0	2797.9	*	1	1055	132	0.	.0	2797.3	*	1	1915	232	0.	.0	2797.3		
1	0240		33	7.	.0	2797.9	*	1	1100	133	0.	.0	2797.3	*	1	1920	233	0.	.0	2797.3		
1	0245		34	8.	.0	2798.0	*	1	1105	134	0.	.0	2797.3	*	1	1925	234	0.	.0	2797.3		
1	0250		35	9.	.0	2798.0	*	1	1110	135	0.	.0	2797.3	*	1	1930	235	0.	.0	2797.3		
1	0255		36	7.	.0	2797.9	*	1	1115	136	0.	.0	2797.3	*	1	1935	236	0.	.0	2797.3		
1	0300		37	7.	.0	2797.9	*	1	1120	137	0.	.0	2797.3	*	1	1940	237	0.	.0	2797.3		
1	0305		38	9.	.0	2798.1	*	1	1125	138	0.	.0	2797.3	*	1	1945	238	0.	.0	2797.3		
1	0310		39	13.	.1	2798.4	*	1	1130	139	0.	.0	2797.3	*	1	1950	239	0.	.0	2797.3		
1	0315		40	19.	.1	2798.9	*	1	1135	140	0.	.0	2797.3	*	1	1955	240	0.	.0	2797.3		
1	0320		41	28.	.2	2799.8	*	1	1140	141	0.	.0	2797.3	*	1	2000	241	0.	.0	2797.3		
1	0325		42	41.	.4	2800.8	*	1	1145	142	0.	.0	2797.3	*	1	2005	242	0.	.0	2797.3		
1	0330		43	60.	.7	2802.2	*	1	1150	143	0.	.0	2797.3	*	1	2010	243	0.	.0	2797.3		
1	0335		44	90.	.9	2803.0	*	1	1155	144	0.	.0	2797.3	*	1	2015	244	0.	.0	2797.3		
1	0340		45	100.	1.0	2803.2	*	1	1200	145	0.	.0	2797.3	*	1	2020	245	0.	.0	2797.3		
1	0345		46	95.	.9	2803.1	*	1	1205	146	0.	.0	2797.3	*	1	2025	246	0.	.0	2797.3		
1	0350		47	82.	.8	2802.7	*	1	1210	147	0.	.0	2797.3	*	1	2030	247	0.	.0	2797.3		
1	0355		48	64.	.7	2802.3	*	1	1215	148	0.	.0	2797.3	*	1	2035	248	0.	.0	2797.3		
1	0400		49	52.	.6	2801.8	*	1	1220	149	0.	.0	2797.3	*	1	2040	249	0.	.0	2797.3		
1	0405		50	45.	.5	2801.2	*	1	1225	150	0.	.0	2797.3	*	1	2045	250	0.	.0	2797.3		
1	0410		51	38.	.4	2800.6	*	1	1230	151	0.	.0	2797.3	*	1	2050	251	0.	.0	2797.3		
1	0415		52	31.	.3	2800.0	*	1	1235	152	0.	.0	2797.3	*	1	2055	252	0.	.0	2797.3		
1	0420		53	25.	.2	2799.4	*	1	1240	153	0.	.0	2797.3	*	1	2100	253	0.	.0	2797.3		
1	0425		54	20.	.1	2799.1	*	1	1245	154	0.	.0	2797.3	*	1	2105	254	0.	.0	2797.3		
1	0430		55	18.	.1	2798.9	*	1	1250	155	0.	.0	2797.3	*	1	2110	255	0.	.0	2797.3		
1	0435		56	19.	.1	2798.9	*	1	1255	156	0.	.0	2797.3	*	1	2115	256	0.	.0	2797.3		
1	0440		57	19.	.1	2799.0	*	1	1300	157	0.	.0	2797.3	*	1	2120	257	0.	.0	2797.3		
1	0445		58	20.	.1	2799.0	*	1	1305	158	0.	.0	2797.3	*	1	2125	258	0.	.0	2797.3		

											INT										
1	0450	59	21.	.1	2799.1	*	1	1310	159	0.	.0	2797.3	*	1	2130	259	0.	.0	2797.3
1	0455	60	22.	.2	2799.2	*	1	1315	160	0.	.0	2797.3	*	1	2135	260	0.	.0	2797.3
1	0500	61	21.	.1	2799.1	*	1	1320	161	0.	.0	2797.3	*	1	2140	261	0.	.0	2797.3
1	0505	62	19.	.1	2799.0	*	1	1325	162	0.	.0	2797.3	*	1	2145	262	0.	.0	2797.3
1	0510	63	16.	.1	2798.7	*	1	1330	163	0.	.0	2797.3	*	1	2150	263	0.	.0	2797.3
1	0515	64	13.	.1	2798.5	*	1	1335	164	0.	.0	2797.3	*	1	2155	264	0.	.0	2797.3
1	0520	65	11.	.0	2798.2	*	1	1340	165	0.	.0	2797.3	*	1	2200	265	0.	.0	2797.3
1	0525	66	8.	.0	2798.0	*	1	1345	166	0.	.0	2797.3	*	1	2205	266	0.	.0	2797.3
1	0530	67	5.	.0	2797.7	*	1	1350	167	0.	.0	2797.3	*	1	2210	267	0.	.0	2797.3
1	0535	68	4.	.0	2797.6	*	1	1355	168	0.	.0	2797.3	*	1	2215	268	0.	.0	2797.3
1	0540	69	3.	.0	2797.5	*	1	1400	169	0.	.0	2797.3	*	1	2220	269	0.	.0	2797.3
1	0545	70	3.	.0	2797.5	*	1	1405	170	0.	.0	2797.3	*	1	2225	270	0.	.0	2797.3
1	0550	71	3.	.0	2797.5	*	1	1410	171	0.	.0	2797.3	*	1	2230	271	0.	.0	2797.3
1	0555	72	2.	.0	2797.5	*	1	1415	172	0.	.0	2797.3	*	1	2235	272	0.	.0	2797.3
1	0600	73	2.	.0	2797.5	*	1	1420	173	0.	.0	2797.3	*	1	2240	273	0.	.0	2797.3
1	0605	74	2.	.0	2797.4	*	1	1425	174	0.	.0	2797.3	*	1	2245	274	0.	.0	2797.3
1	0610	75	1.	.0	2797.4	*	1	1430	175	0.	.0	2797.3	*	1	2250	275	0.	.0	2797.3
1	0615	76	1.	.0	2797.4	*	1	1435	176	0.	.0	2797.3	*	1	2255	276	0.	.0	2797.3
1	0620	77	1.	.0	2797.4	*	1	1440	177	0.	.0	2797.3	*	1	2300	277	0.	.0	2797.3
1	0625	78	1.	.0	2797.3	*	1	1445	178	0.	.0	2797.3	*	1	2305	278	0.	.0	2797.3
1	0630	79	0.	.0	2797.3	*	1	1450	179	0.	.0	2797.3	*	1	2310	279	0.	.0	2797.3
1	0635	80	0.	.0	2797.3	*	1	1455	180	0.	.0	2797.3	*	1	2315	280	0.	.0	2797.3
1	0640	81	0.	.0	2797.3	*	1	1500	181	0.	.0	2797.3	*	1	2320	281	0.	.0	2797.3
1	0645	82	0.	.0	2797.3	*	1	1505	182	0.	.0	2797.3	*	1	2325	282	0.	.0	2797.3
1	0650	83	0.	.0	2797.3	*	1	1510	183	0.	.0	2797.3	*	1	2330	283	0.	.0	2797.3
1	0655	84	0.	.0	2797.3	*	1	1515	184	0.	.0	2797.3	*	1	2335	284	0.	.0	2797.3
1	0700	85	0.	.0	2797.3	*	1	1520	185	0.	.0	2797.3	*	1	2340	285	0.	.0	2797.3
1	0705	86	0.	.0	2797.3	*	1	1525	186	0.	.0	2797.3	*	1	2345	286	0.	.0	2797.3
1	0710	87	0.	.0	2797.3	*	1	1530	187	0.	.0	2797.3	*	1	2350	287	0.	.0	2797.3
1	0715	88	0.	.0	2797.3	*	1	1535	188	0.	.0	2797.3	*	1	2355	288	0.	.0	2797.3
1	0720	89	0.	.0	2797.3	*	1	1540	189	0.	.0	2797.3	*	2	0000	289	0.	.0	2797.3
1	0725	90	0.	.0	2797.3	*	1	1545	190	0.	.0	2797.3	*	2	0005	290	0.	.0	2797.3
1	0730	91	0.	.0	2797.3	*	1	1550	191	0.	.0	2797.3	*	2	0010	291	0.	.0	2797.3
1	0735	92	0.	.0	2797.3	*	1	1555	192	0.	.0	2797.3	*	2	0015	292	0.	.0	2797.3
1	0740	93	0.	.0	2797.3	*	1	1600	193	0.	.0	2797.3	*	2	0020	293	0.	.0	2797.3
1	0745	94	0.	.0	2797.3	*	1	1605	194	0.	.0	2797.3	*	2	0025	294	0.	.0	2797.3
1	0750	95	0.	.0	2797.3	*	1	1610	195	0.	.0	2797.3	*	2	0030	295	0.	.0	2797.3
1	0755	96	0.	.0	2797.3	*	1	1615	196	0.	.0	2797.3	*	2	0035	296	0.	.0	2797.3
1	0800	97	0.	.0	2797.3	*	1	1620	197	0.	.0	2797.3	*	2	0040	297	0.	.0	2797.3
1	0805	98	0.	.0	2797.3	*	1	1625	198	0.	.0	2797.3	*	2	0045	298	0.	.0	2797.3
1	0810	99	0.	.0	2797.3	*	1	1630	199	0.	.0	2797.3	*	2	0050	299	0.	.0	2797.3
1	0815	100	0.	.0	2797.3	*	1	1635	200	0.	.0	2797.3	*	2	0055	300	0.	.0	2797.3
						*							*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)				
		(CFS)			
+ 100.	3.67	17.	4.	4.	4.
		(INCHES) 8.742	8.775	8.775	8.775
		(AC-FT) 8.	8.	8.	8.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
1.	3.67	0.	0.	0.	0.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
2803.23	3.67	2798.62	2797.64	2797.63	2797.63

CUMULATIVE AREA = .02 SQ MI

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HYDROGRAPH AT STATION *DBN
PLAN 1, RATIO = .95

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2797.3	1		0820	101	0.	.0	2797.3	1		1640	201	0.	.0	2797.3
1		0005	2	0.	.0	2797.3	1		0825	102	0.	.0	2797.3	1		1645	202	0.	.0	2797.3
1		0010	3	1.	.0	2797.4	1		0830	103	0.	.0	2797.3	1		1650	203	0.	.0	2797.3
1		0015	4	2.	.0	2797.5	1		0835	104	0.	.0	2797.3	1		1655	204	0.	.0	2797.3
1		0020	5	3.	.0	2797.5	1		0840	105	0.	.0	2797.3	1		1700	205	0.	.0	2797.3
1		0025	6	4.	.0	2797.7	1		0845	106	0.	.0	2797.3	1		1705	206	0.	.0	2797.3
1		0030	7	6.	.0	2797.8	1		0850	107	0.	.0	2797.3	1		1710	207	0.	.0	2797.3
1		0035	8	6.	.0	2797.8	1		0855	108	0.	.0	2797.3	1		1715	208	0.	.0	2797.3
1		0040	9	4.	.0	2797.7	1		0900	109	0.	.0	2797.3	1		1720	209	0.	.0	2797.3
1		0045	10	2.	.0	2797.5	1		0905	110	0.	.0	2797.3	1		1725	210	0.	.0	2797.3
1		0050	11	1.	.0	2797.4	1		0910	111	0.	.0	2797.3	1		1730	211	0.	.0	2797.3
1		0055	12	1.	.0	2797.4	1		0915	112	0.	.0	2797.3	1		1735	212	0.	.0	2797.3
1		0100	13	1.	.0	2797.3	1		0920	113	0.	.0	2797.3	1		1740	213	0.	.0	2797.3
1		0105	14	1.	.0	2797.3	1		0925	114	0.	.0	2797.3	1		1745	214	0.	.0	2797.3
1		0110	15	1.	.0	2797.4	1		0930	115	0.	.0	2797.3	1		1750	215	0.	.0	2797.3
1		0115	16	2.	.0	2797.5	1		0935	116	0.	.0	2797.3	1		1755	216	0.	.0	2797.3
1		0120	17	2.	.0	2797.5	1		0940	117	0.	.0	2797.3	1		1800	217	0.	.0	2797.3
1		0125	18	3.	.0	2797.6	1		0945	118	0.	.0	2797.3	1		1805	218	0.	.0	2797.3
1		0130	19	5.	.0	2797.7	1		0950	119	0.	.0	2797.3	1		1810	219	0.	.0	2797.3

																		INT			
1	0135	20	6.	.0	2797.8	*	1	0955	120	0.	.0	2797.3	*	1	1815	220	0.	.0	2797.3
1	0140	21	6.	.0	2797.9	*	1	1000	121	0.	.0	2797.3	*	1	1820	221	0.	.0	2797.3
1	0145	22	6.	.0	2797.8	*	1	1005	122	0.	.0	2797.3	*	1	1825	222	0.	.0	2797.3
1	0150	23	6.	.0	2797.8	*	1	1010	123	0.	.0	2797.3	*	1	1830	223	0.	.0	2797.3
1	0155	24	5.	.0	2797.7	*	1	1015	124	0.	.0	2797.3	*	1	1835	224	0.	.0	2797.3
1	0200	25	3.	.0	2797.6	*	1	1020	125	0.	.0	2797.3	*	1	1840	225	0.	.0	2797.3
1	0205	26	3.	.0	2797.5	*	1	1025	126	0.	.0	2797.3	*	1	1845	226	0.	.0	2797.3
1	0210	27	3.	.0	2797.6	*	1	1030	127	0.	.0	2797.3	*	1	1850	227	0.	.0	2797.3
1	0215	28	6.	.0	2797.8	*	1	1035	128	0.	.0	2797.3	*	1	1855	228	0.	.0	2797.3
1	0220	29	8.	.0	2798.0	*	1	1040	129	0.	.0	2797.3	*	1	1900	229	0.	.0	2797.3
1	0225	30	8.	.0	2798.0	*	1	1045	130	0.	.0	2797.3	*	1	1905	230	0.	.0	2797.3
1	0230	31	8.	.0	2798.0	*	1	1050	131	0.	.0	2797.3	*	1	1910	231	0.	.0	2797.3
1	0235	32	6.	.0	2797.9	*	1	1055	132	0.	.0	2797.3	*	1	1915	232	0.	.0	2797.3
1	0240	33	7.	.0	2797.9	*	1	1100	133	0.	.0	2797.3	*	1	1920	233	0.	.0	2797.3
1	0245	34	8.	.0	2798.0	*	1	1105	134	0.	.0	2797.3	*	1	1925	234	0.	.0	2797.3
1	0250	35	8.	.0	2798.0	*	1	1110	135	0.	.0	2797.3	*	1	1930	235	0.	.0	2797.3
1	0255	36	7.	.0	2797.9	*	1	1115	136	0.	.0	2797.3	*	1	1935	236	0.	.0	2797.3
1	0300	37	6.	.0	2797.8	*	1	1120	137	0.	.0	2797.3	*	1	1940	237	0.	.0	2797.3
1	0305	38	9.	.0	2798.1	*	1	1125	138	0.	.0	2797.3	*	1	1945	238	0.	.0	2797.3
1	0310	39	12.	.1	2798.4	*	1	1130	139	0.	.0	2797.3	*	1	1950	239	0.	.0	2797.3
1	0315	40	18.	.1	2798.9	*	1	1135	140	0.	.0	2797.3	*	1	1955	240	0.	.0	2797.3
1	0320	41	28.	.2	2799.7	*	1	1140	141	0.	.0	2797.3	*	1	2000	241	0.	.0	2797.3
1	0325	42	40.	.4	2800.7	*	1	1145	142	0.	.0	2797.3	*	1	2005	242	0.	.0	2797.3
1	0330	43	57.	.7	2802.1	*	1	1150	143	0.	.0	2797.3	*	1	2010	243	0.	.0	2797.3
1	0335	44	87.	.9	2802.9	*	1	1155	144	0.	.0	2797.3	*	1	2015	244	0.	.0	2797.3
1	0340	45	97.	.9	2803.1	*	1	1200	145	0.	.0	2797.3	*	1	2020	245	0.	.0	2797.3
1	0345	46	92.	.9	2803.0	*	1	1205	146	0.	.0	2797.3	*	1	2025	246	0.	.0	2797.3
1	0350	47	79.	.8	2802.7	*	1	1210	147	0.	.0	2797.3	*	1	2030	247	0.	.0	2797.3
1	0355	48	62.	.7	2802.2	*	1	1215	148	0.	.0	2797.3	*	1	2035	248	0.	.0	2797.3
1	0400	49	51.	.6	2801.7	*	1	1220	149	0.	.0	2797.3	*	1	2040	249	0.	.0	2797.3
1	0405	50	44.	.5	2801.2	*	1	1225	150	0.	.0	2797.3	*	1	2045	250	0.	.0	2797.3
1	0410	51	37.	.4	2800.6	*	1	1230	151	0.	.0	2797.3	*	1	2050	251	0.	.0	2797.3
1	0415	52	31.	.3	2800.0	*	1	1235	152	0.	.0	2797.3	*	1	2055	252	0.	.0	2797.3
1	0420	53	24.	.2	2799.4	*	1	1240	153	0.	.0	2797.3	*	1	2100	253	0.	.0	2797.3
1	0425	54	20.	.1	2799.0	*	1	1245	154	0.	.0	2797.3	*	1	2105	254	0.	.0	2797.3
1	0430	55	18.	.1	2798.8	*	1	1250	155	0.	.0	2797.3	*	1	2110	255	0.	.0	2797.3
1	0435	56	18.	.1	2798.9	*	1	1255	156	0.	.0	2797.3	*	1	2115	256	0.	.0	2797.3
1	0440	57	19.	.1	2798.9	*	1	1300	157	0.	.0	2797.3	*	1	2120	257	0.	.0	2797.3
1	0445	58	19.	.1	2799.0	*	1	1305	158	0.	.0	2797.3	*	1	2125	258	0.	.0	2797.3
1	0450	59	20.	.1	2799.1	*	1	1310	159	0.	.0	2797.3	*	1	2130	259	0.	.0	2797.3
1	0455	60	21.	.1	2799.1	*	1	1315	160	0.	.0	2797.3	*	1	2135	260	0.	.0	2797.3
1	0500	61	20.	.1	2799.1	*	1	1320	161	0.	.0	2797.3	*	1	2140	261	0.	.0	2797.3
1	0505	62	19.	.1	2798.9	*	1	1325	162	0.	.0	2797.3	*	1	2145	262	0.	.0	2797.3
1	0510	63	16.	.1	2798.7	*	1	1330	163	0.	.0	2797.3	*	1	2150	263	0.	.0	2797.3
1	0515	64	13.	.1	2798.4	*	1	1335	164	0.	.0	2797.3	*	1	2155	264	0.	.0	2797.3
1	0520	65	10.	.0	2798.2	*	1	1340	165	0.	.0	2797.3	*	1	2200	265	0.	.0	2797.3
1	0525	66	8.	.0	2798.0	*	1	1345	166	0.	.0	2797.3	*	1	2205	266	0.	.0	2797.3
1	0530	67	5.	.0	2797.7	*	1	1350	167	0.	.0	2797.3	*	1	2210	267	0.	.0	2797.3
1	0535	68	4.	.0	2797.6	*	1	1355	168	0.	.0	2797.3	*	1	2215	268	0.	.0	2797.3
1	0540	69	3.	.0	2797.5	*	1	1400	169	0.	.0	2797.3	*	1	2220	269	0.	.0	2797.3
1	0545	70	3.	.0	2797.5	*	1	1405	170	0.	.0	2797.3	*	1	2225	270	0.	.0	2797.3
1	0550	71	3.	.0	2797.5	*	1	1410	171	0.	.0	2797.3	*	1	2230	271	0.	.0	2797.3
1	0555	72	2.	.0	2797.5	*	1	1415	172	0.	.0	2797.3	*	1	2235	272	0.	.0	2797.3
1	0600	73	2.	.0	2797.5	*	1	1420	173	0.	.0	2797.3	*	1	2240	273	0.	.0	2797.3
1	0605	74	2.	.0	2797.4	*	1	1425	174	0.	.0	2797.3	*	1	2245	274	0.	.0	2797.3
1	0610	75	1.	.0	2797.4	*	1	1430	175	0.	.0	2797.3	*	1	2250	275	0.	.0	2797.3
1	0615	76	1.	.0	2797.4	*	1	1435	176	0.	.0	2797.3	*	1	2255	276	0.	.0	2797.3
1	0620	77	1.	.0	2797.4	*	1	1440	177	0.	.0	2797.3	*	1	2300	277	0.	.0	2797.3
1	0625	78	1.	.0	2797.3	*	1	1445	178	0.	.0	2797.3	*	1	2305	278	0.	.0	2797.3
1	0630	79	0.	.0	2797.3	*	1	1450	179	0.	.0	2797.3	*	1	2310	279	0.	.0	2797.3
1	0635	80	0.	.0	2797.3	*	1	1455	180	0.	.0	2797.3	*	1	2315	280	0.	.0	2797.3
1	0640	81	0.	.0	2797.3	*	1	1500	181	0.	.0	2797.3	*	1	2320	281	0.	.0	2797.3
1	0645	82	0.	.0	2797.3	*	1	1505	182	0.	.0	2797.3	*	1	2325	282	0.	.0	2797.3
1	0650	83	0.	.0	2797.3	*	1	1510	183	0.	.0	2797.3	*	1	2330	283	0.	.0	2797.3
1	0655	84	0.	.0	2797.3	*	1	1515	184	0.	.0	2797.3	*	1	2335	284	0.	.0	2797.3
1	0700	85	0.	.0	2797.3	*	1	1520	185	0.	.0	2797.3	*	1	2340	285	0.	.0	2797.3
1	0705	86	0.	.0	2797.3	*	1	1525	186	0.	.0	2797.3	*	1	2345	286	0.	.0	2797.3
1	0710	87	0.	.0	2797.3	*	1	1530	187	0.	.0	2797.3	*	1	2350	287	0.	.0	2797.3
1	0715	88	0.	.0	2797.3	*	1	1535	188	0.	.0	2797.3	*	1	2355	288	0.	.0	2797.3
1	0720	89	0.	.0	2797.3	*	1	1540	189	0.	.0	2797.3	*	2	0000	289	0.	.0	2797.3
1	0725	90	0.	.0	2797.3	*	1	1545	190	0.	.0	2797.3	*	2	0005	290	0.	.0	2797.3
1	0730	91	0.	.0	2797.3	*	1	1550	191	0.	.0	2797.3	*	2	0010	291	0.	.0	2797.3
1	0735	92	0.	.0	2797.3	*	1	1555	192	0.	.0	2797.3	*	2	0015	292	0.	.0	2797.3
1	0740	93	0.	.0	2797.3	*	1	1600	193	0.	.0	2797.3	*	2	0020	293	0.	.0	2797.3
1	0745	94	0.	.0	2797.3	*	1	1605	194	0.	.0	2797.3	*	2	0025	294	0.	.0	2797.3
1	0750	95	0.	.0	2797.3	*	1	1610	195	0.	.0	2797.3	*	2	0030	295	0.	.0	2797.3
1	0755	96	0.	.0	2797.3	*	1	1615	196	0.	.0	2797.3	*	2	0035	296	0.	.0	2797.3
1	0800	97	0.	.0	2797.3	*	1	1620	197	0.	.0	2797.3	*	2	0040	297	0.	.0	2797.3
1	0805	98	0.	.0	2797.3	*	1	1625	198	0.	.0	2797.3	*	2	0045	298	0.	.0	2797.3
1	0810	99	0.	.0	2797.3	*	1	1630	199	0.	.0	2797.3	*	2	0050	299	0.	.0	2797.3
1	0815	100	0.	.0	2797.3	*	1	1635	200	0.	.0	2797.3	*	2	0055	300	0.	.0	2797.3
						*							*								

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 97.	3.67		16.	4.	4.	4.
		(INCHES)	8.448	8.479	8.479	8.479
		(AC-FT)	8.	8.	8.	8.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR

																			INT		
+	(AC-FT)		(HR)																		
	1.		3.67			0.			0.			0.			0.						
	PEAK STAGE		TIME					MAXIMUM AVERAGE STAGE													
							6-HR		24-HR			72-HR			24.92-HR						
+	(FEET)		(HR)																		
	2803.14		3.67			2798.58			2797.63			2797.62			2797.62						

CUMULATIVE AREA = .02 SQ MI

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HYDROGRAPH AT STATION *DBN
PLAN 1, RATIO = .54

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2797.3	*	1		0820	101	0.	.0	2797.3	*	1		1640	201	0.	.0	2797.3
1		0005	2	0.	.0	2797.3	*	1		0825	102	0.	.0	2797.3	*	1		1645	202	0.	.0	2797.3
1		0010	3	0.	.0	2797.3	*	1		0830	103	0.	.0	2797.3	*	1		1650	203	0.	.0	2797.3
1		0015	4	0.	.0	2797.3	*	1		0835	104	0.	.0	2797.3	*	1		1655	204	0.	.0	2797.3
1		0020	5	1.	.0	2797.4	*	1		0840	105	0.	.0	2797.3	*	1		1700	205	0.	.0	2797.3
1		0025	6	1.	.0	2797.4	*	1		0845	106	0.	.0	2797.3	*	1		1705	206	0.	.0	2797.3
1		0030	7	1.	.0	2797.4	*	1		0850	107	0.	.0	2797.3	*	1		1710	207	0.	.0	2797.3
1		0035	8	2.	.0	2797.4	*	1		0855	108	0.	.0	2797.3	*	1		1715	208	0.	.0	2797.3
1		0040	9	1.	.0	2797.4	*	1		0900	109	0.	.0	2797.3	*	1		1720	209	0.	.0	2797.3
1		0045	10	1.	.0	2797.4	*	1		0905	110	0.	.0	2797.3	*	1		1725	210	0.	.0	2797.3
1		0050	11	0.	.0	2797.3	*	1		0910	111	0.	.0	2797.3	*	1		1730	211	0.	.0	2797.3
1		0055	12	0.	.0	2797.3	*	1		0915	112	0.	.0	2797.3	*	1		1735	212	0.	.0	2797.3
1		0100	13	0.	.0	2797.3	*	1		0920	113	0.	.0	2797.3	*	1		1740	213	0.	.0	2797.3
1		0105	14	0.	.0	2797.3	*	1		0925	114	0.	.0	2797.3	*	1		1745	214	0.	.0	2797.3
1		0110	15	0.	.0	2797.3	*	1		0930	115	0.	.0	2797.3	*	1		1750	215	0.	.0	2797.3
1		0115	16	1.	.0	2797.4	*	1		0935	116	0.	.0	2797.3	*	1		1755	216	0.	.0	2797.3
1		0120	17	1.	.0	2797.4	*	1		0940	117	0.	.0	2797.3	*	1		1800	217	0.	.0	2797.3
1		0125	18	1.	.0	2797.4	*	1		0945	118	0.	.0	2797.3	*	1		1805	218	0.	.0	2797.3
1		0130	19	2.	.0	2797.4	*	1		0950	119	0.	.0	2797.3	*	1		1810	219	0.	.0	2797.3
1		0135	20	2.	.0	2797.5	*	1		0955	120	0.	.0	2797.3	*	1		1815	220	0.	.0	2797.3
1		0140	21	2.	.0	2797.5	*	1		1000	121	0.	.0	2797.3	*	1		1820	221	0.	.0	2797.3
1		0145	22	2.	.0	2797.5	*	1		1005	122	0.	.0	2797.3	*	1		1825	222	0.	.0	2797.3
1		0150	23	2.	.0	2797.5	*	1		1010	123	0.	.0	2797.3	*	1		1830	223	0.	.0	2797.3
1		0155	24	1.	.0	2797.4	*	1		1015	124	0.	.0	2797.3	*	1		1835	224	0.	.0	2797.3
1		0200	25	1.	.0	2797.4	*	1		1020	125	0.	.0	2797.3	*	1		1840	225	0.	.0	2797.3
1		0205	26	1.	.0	2797.3	*	1		1025	126	0.	.0	2797.3	*	1		1845	226	0.	.0	2797.3
1		0210	27	1.	.0	2797.4	*	1		1030	127	0.	.0	2797.3	*	1		1850	227	0.	.0	2797.3
1		0215	28	2.	.0	2797.5	*	1		1035	128	0.	.0	2797.3	*	1		1855	228	0.	.0	2797.3
1		0220	29	3.	.0	2797.5	*	1		1040	129	0.	.0	2797.3	*	1		1900	229	0.	.0	2797.3
1		0225	30	3.	.0	2797.6	*	1		1045	130	0.	.0	2797.3	*	1		1905	230	0.	.0	2797.3
1		0230	31	3.	.0	2797.5	*	1		1050	131	0.	.0	2797.3	*	1		1910	231	0.	.0	2797.3
1		0235	32	2.	.0	2797.5	*	1		1055	132	0.	.0	2797.3	*	1		1915	232	0.	.0	2797.3
1		0240	33	2.	.0	2797.5	*	1		1100	133	0.	.0	2797.3	*	1		1920	233	0.	.0	2797.3
1		0245	34	3.	.0	2797.6	*	1		1105	134	0.	.0	2797.3	*	1		1925	234	0.	.0	2797.3
1		0250	35	3.	.0	2797.6	*	1		1110	135	0.	.0	2797.3	*	1		1930	235	0.	.0	2797.3
1		0255	36	2.	.0	2797.5	*	1		1115	136	0.	.0	2797.3	*	1		1935	236	0.	.0	2797.3
1		0300	37	2.	.0	2797.5	*	1		1120	137	0.	.0	2797.3	*	1		1940	237	0.	.0	2797.3
1		0305	38	4.	.0	2797.6	*	1		1125	138	0.	.0	2797.3	*	1		1945	238	0.	.0	2797.3
1		0310	39	7.	.0	2797.9	*	1		1130	139	0.	.0	2797.3	*	1		1950	239	0.	.0	2797.3
1		0315	40	9.	.0	2798.1	*	1		1135	140	0.	.0	2797.3	*	1		1955	240	0.	.0	2797.3
1		0320	41	13.	.1	2798.5	*	1		1140	141	0.	.0	2797.3	*	1		2000	241	0.	.0	2797.3
1		0325	42	20.	.1	2799.1	*	1		1145	142	0.	.0	2797.3	*	1		2005	242	0.	.0	2797.3
1		0330	43	28.	.2	2799.7	*	1		1150	143	0.	.0	2797.3	*	1		2010	243	0.	.0	2797.3
1		0335	44	34.	.3	2800.3	*	1		1155	144	0.	.0	2797.3	*	1		2015	244	0.	.0	2797.3
1		0340	45	37.	.4	2800.6	*	1		1200	145	0.	.0	2797.3	*	1		2020	245	0.	.0	2797.3
1		0345	46	38.	.4	2800.6	*	1		1205	146	0.	.0	2797.3	*	1		2025	246	0.	.0	2797.3
1		0350	47	37.	.4	2800.5	*	1		1210	147	0.	.0	2797.3	*	1		2030	247	0.	.0	2797.3
1		0355	48	33.	.3	2800.2	*	1		1215	148	0.	.0	2797.3	*	1		2035	248	0.	.0	2797.3
1		0400	49	28.	.2	2799.8	*	1		1220	149	0.	.0	2797.3	*	1		2040	249	0.	.0	2797.3
1		0405	50	23.	.2	2799.3	*	1		1225	150	0.	.0	2797.3	*	1		2045	250	0.	.0	2797.3
1		0410	51	18.	.1	2798.9	*	1		1230	151	0.	.0	2797.3	*	1		2050	251	0.	.0	2797.3
1		0415	52	14.	.1	2798.5	*	1		1235	152	0.	.0	2797.3	*	1		2055	252	0.	.0	2797.3
1		0420	53	11.	.0	2798.2	*	1		1240	153	0.	.0	2797.3	*	1		2100	253	0.	.0	2797.3
1		0425	54	9.	.0	2798.1	*	1		1245	154	0.	.0	2797.3	*	1		2105	254	0.	.0	2797.3
1		0430	55	9.	.0	2798.1	*	1		1250	155	0.	.0	2797.3	*	1		2110	255	0.	.0	2797.3
1		0435	56	9.	.0	2798.1	*	1		1255	156	0.	.0	2797.3	*	1		2115	256	0.	.0	2797.3
1		0440	57	10.	.0	2798.1	*	1		1300	157	0.	.0	2797.3	*	1		2120	257	0.	.0	2797.3
1		0445	58	10.	.0	2798.1	*	1		1305	158	0.	.0	2797.3	*	1		2125	258	0.	.0	2797.3
1		0450	59	10.	.0	2798.2	*	1		1310	159	0.	.0	2797.3	*	1		2130	259	0.	.0	2797.3
1		0455	60	10.	.0	2798.2	*	1		1315	160	0.	.0	2797.3	*	1		2135	260	0.	.0	2797.3
1		0500	61	10.	.0	2798.2	*	1		1320	161	0.	.0	2797.3	*	1		2140	261	0.	.0	2797.3
1		0505	62	9.	.0	2798.1	*	1		1325	162	0.	.0	2797.3	*	1		2145	262	0.	.0	2797.3
1		0510	63	8.	.0	2798.0	*	1		1330	163	0.	.0	2797.3	*	1		2150	263	0.	.0	2797.3
1		0515	64	5.	.0	2797.8	*	1		1335	164	0.	.0	2797.3	*	1		2155	264	0.	.0	2797.3
1		0520	65	4.	.0	2797.7	*	1		1340	165	0.	.0	2797.3	*	1		2200	265	0.	.0	2797.3
1		0525	66	4.	.0	2797.6	*	1		1345	166	0.	.0	2797.3	*	1		2205	266	0.	.0	2797.3
1		0530	67	3.	.0	2797.6	*	1		1350	167	0.	.0	2797.3	*	1		2210	267	0.	.0	2797.3
1		0535	68	2.	.0	2797.5	*	1		1355	168	0.	.0	2797.3	*	1		2215	268	0.	.0	2797.3
1		0540	69	2.	.0	2797.5	*	1		1400	169	0.	.0	2797.3	*	1		2220	269	0.	.0	2797.3
1		0545	70	2.	.0	2797.4	*	1		1405	170	0.	.0	2797.3	*	1		2225	270	0.	.0	2797.3
1		0550	71	2.	.0	2797.4	*	1		1410	171	0.	.0	2797.3	*	1		2230	271	0.	.0	2797.3
1		0555	72	1.	.0	2797.4	*	1		1415	172	0.	.0	2797.3	*	1		2235	272	0.	.0	2797.3
1		0600	73	1.	.0	2797.4	*	1		1420	173	0.	.0	2797.3	*	1		2240	273	0.	.0	2797.3
1		0605	74	1.	.0	2797.4	*	1		1425	174	0.	.0	2797.3	*	1		2245	274	0.	.0	2797.3

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								INT		
				TIME	5.83	5.83	5.83	5.83	5.58
				** PEAK STAGES IN FEET **					
			1	STAGE	3010.16	3009.97	3009.63	3009.08	2999.64
				TIME	5.83	5.83	5.83	5.83	5.58
HYDROGRAPH AT									
+	EX1	.11	1	FLOW	163.	161.	157.	152.	63.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	STR2	.01	1	FLOW	13.	13.	13.	12.	7.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	CP1	1.13	1	FLOW	230.	227.	224.	217.	114.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	5.01	.03	1	FLOW	64.	64.	63.	61.	31.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	2.32T	.00	1	FLOW	1.	1.	1.	1.	0.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	CP2a	1.16	1	FLOW	281.	278.	273.	265.	139.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	EX9	.02	1	FLOW	21.	21.	21.	20.	8.
				TIME	3.75	3.75	3.75	3.75	3.75
HYDROGRAPH AT									
+	STR1	.01	1	FLOW	12.	12.	12.	12.	6.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	2.32	.03	1	FLOW	62.	61.	60.	58.	30.
				TIME	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT									
+	CP2b	1.21	1	FLOW	371.	367.	361.	350.	182.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	2.08b	.03	1	FLOW	61.	60.	59.	57.	29.
				TIME	3.50	3.50	3.50	3.50	3.50
DIVERSION TO									
+	DIV1	.03	1	FLOW	30.	30.	29.	29.	15.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	D1	.03	1	FLOW	30.	30.	29.	29.	15.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	STR4	.01	1	FLOW	16.	16.	16.	15.	8.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	EX3a	.02	1	FLOW	35.	34.	34.	32.	13.
				TIME	3.58	3.58	3.58	3.58	3.58
ROUTED TO									
+	REX3a	.02	1	FLOW	34.	33.	32.	31.	13.
				TIME	3.75	3.75	3.75	3.75	3.83
HYDROGRAPH AT									
+	EX2	.09	1	FLOW	139.	137.	134.	129.	53.
				TIME	3.58	3.58	3.58	3.58	3.58
ROUTED TO									
+	REX2	.09	1	FLOW	134.	131.	128.	124.	51.
				TIME	3.67	3.67	3.67	3.67	3.75
HYDROGRAPH AT									
+	STR3	.00	1	FLOW	9.	9.	9.	9.	5.
				TIME	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT									
+	CP4	.12	1	FLOW	180.	176.	173.	166.	69.
				TIME	3.67	3.67	3.67	3.67	3.75
HYDROGRAPH AT									
+	2.09T	.00	1	FLOW	3.	3.	2.	2.	1.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	2.09	.05	1	FLOW	81.	80.	78.	76.	36.
				TIME	3.58	3.58	3.58	3.58	3.58

					INT				
HYDROGRAPH AT									
+	2.31	.00	1	FLOW	8.	8.	7.	7.	3.
				TIME	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT									
+	CP3a	.18	1	FLOW	247.	243.	238.	229.	92.
				TIME	3.67	3.67	3.67	3.67	3.75
HYDROGRAPH AT									
+	2.08T	.00	1	FLOW	3.	3.	3.	3.	1.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	2.08a	.02	1	FLOW	49.	49.	48.	46.	24.
				TIME	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT									
+	CP3b	.23	1	FLOW	322.	317.	310.	299.	118.
				TIME	3.58	3.58	3.58	3.58	3.58
DIVERSION TO									
+	DIV2	.23	1	FLOW	85.	84.	82.	79.	31.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	D2	.23	1	FLOW	237.	233.	228.	220.	87.
				TIME	3.58	3.58	3.58	3.58	3.58
ROUTED TO									
+	RD2	.23	1	FLOW	227.	222.	218.	211.	85.
				TIME	3.67	3.67	3.67	3.67	3.67
HYDROGRAPH AT									
+	SVR1	.00	1	FLOW	10.	10.	10.	9.	5.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	SVR2	.01	1	FLOW	20.	19.	19.	19.	10.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	5.01b	.03	1	FLOW	68.	67.	66.	64.	33.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	2.32Tb	.00	1	FLOW	1.	1.	1.	1.	0.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	2.32b	.04	1	FLOW	74.	73.	72.	70.	36.
				TIME	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT									
+	CP2c	.07	1	FLOW	141.	139.	137.	133.	68.
				TIME	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT									
+	RCP1	1.53	1	FLOW	755.	745.	731.	709.	340.
				TIME	3.58	3.58	3.58	3.58	3.58
ROUTED TO									
+	RRCP1	1.53	1	FLOW	731.	724.	702.	689.	324.
				TIME	3.58	3.58	3.58	3.58	3.67
HYDROGRAPH AT									
+	*2.05a	.02	1	FLOW	40.	39.	38.	37.	19.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*OFF11	.03	1	FLOW	38.	38.	37.	36.	15.
				TIME	3.67	3.67	3.67	3.67	3.67
3 COMBINED AT									
+	RCP10	1.58	1	FLOW	807.	800.	776.	761.	355.
				TIME	3.58	3.58	3.58	3.58	3.67
HYDROGRAPH AT									
+	*STR2	.00	1	FLOW	6.	6.	6.	5.	3.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*STR3	.00	1	FLOW	8.	8.	8.	8.	4.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*2.03	.03	1	FLOW	52.	52.	51.	49.	26.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*2.04b	.00	1	FLOW	3.	3.	3.	3.	1.
				TIME	3.50	3.50	3.50	3.50	3.58
4 COMBINED AT									
+	*CP4	.04	1	FLOW	68.	67.	66.	64.	33.

								INT	
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*2.02	.03	1	FLOW	53.	53.	52.	50.	26.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*STR4	.00	1	FLOW	6.	6.	6.	6.	3.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	*CP5	.07	1	FLOW	127.	126.	124.	120.	62.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*OFF12	.01	1	FLOW	21.	21.	20.	19.	8.
				TIME	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT									
+	*RCP11	.08	1	FLOW	148.	147.	144.	140.	70.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*WPF5	.00	1	FLOW	1.	1.	1.	1.	0.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*WML2	.04	1	FLOW	78.	77.	76.	74.	36.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*WSHA5	.00	1	FLOW	8.	8.	8.	8.	4.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	*WC20	.05	1	FLOW	86.	85.	83.	81.	40.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*WPF4	.01	1	FLOW	19.	18.	18.	18.	9.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*WSHA4	.00	1	FLOW	6.	5.	5.	5.	3.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	RCP6	.06	1	FLOW	106.	105.	103.	100.	49.
				TIME	3.50	3.50	3.50	3.50	3.58
ROUTED TO									
+	RRCP6	.06	1	FLOW	102.	101.	99.	96.	48.
				TIME	3.58	3.58	3.58	3.67	3.67
HYDROGRAPH AT									
+	*OFF1	.43	1	FLOW	399.	393.	385.	370.	143.
				TIME	3.83	3.83	3.83	3.83	3.92
HYDROGRAPH AT									
+	*OFF2	.04	1	FLOW	49.	48.	47.	45.	14.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*OFF3	.03	1	FLOW	41.	40.	39.	38.	16.
				TIME	3.50	3.50	3.50	3.58	3.58
3 COMBINED AT									
+	*DUMMY	.50	1	FLOW	441.	435.	425.	409.	158.
				TIME	3.83	3.83	3.83	3.83	3.83
HYDROGRAPH AT									
+	*OFF4	.06	1	FLOW	90.	89.	87.	84.	35.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*OFF5	.26	1	FLOW	252.	248.	243.	234.	94.
				TIME	3.83	3.83	3.83	3.83	3.83
HYDROGRAPH AT									
+	*OFF6	.04	1	FLOW	62.	62.	60.	58.	24.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*ON1	.03	1	FLOW	49.	49.	48.	46.	23.
				TIME	3.50	3.50	3.50	3.50	3.58
5 COMBINED AT									
+	*DB1	.88	1	FLOW	785.	774.	757.	729.	288.
				TIME	3.75	3.75	3.75	3.75	3.83
ROUTED TO									
+	*RDB1	.88	1	FLOW	71.	71.	71.	70.	57.
				TIME	5.58	5.58	5.58	5.58	5.42

							INT		
			** PEAK STAGES IN FEET **						
			1	STAGE	3035.28	3035.13	3034.91	3034.53	3028.62
				TIME	5.67	5.58	5.58	5.58	5.42
HYDROGRAPH AT									
+	*SM1	.01	1	FLOW	20.	20.	19.	19.	10.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*SM2	.01	1	FLOW	15.	15.	14.	14.	7.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*SM3	.00	1	FLOW	7.	7.	7.	6.	3.
				TIME	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT									
+	DUMMY	.90	1	FLOW	95.	94.	93.	92.	70.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*WL4A	.01	1	FLOW	23.	23.	22.	21.	10.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*ON1D	.02	1	FLOW	42.	41.	40.	39.	18.
				TIME	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT									
+	DUMMY	.99	1	FLOW	251.	248.	245.	239.	139.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	EX3b	.03	1	FLOW	44.	43.	42.	41.	17.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	EX7	.03	1	FLOW	46.	45.	44.	43.	18.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	STR5	.00	1	FLOW	10.	10.	9.	9.	5.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	STR7	.00	1	FLOW	4.	4.	4.	3.	2.
				TIME	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT									
+	CP7	1.05	1	FLOW	350.	346.	341.	331.	179.
				TIME	3.58	3.58	3.58	3.58	3.58
ROUTED TO									
+	RCP7	1.05	1	FLOW	348.	346.	337.	329.	175.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	EX8	.01	1	FLOW	20.	20.	19.	19.	8.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	STR6	.01	1	FLOW	19.	19.	18.	18.	10.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	CP8	1.08	1	FLOW	385.	383.	373.	363.	191.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	*OFF3	.00	1	FLOW	2.	2.	2.	2.	1.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*D2	.02	1	FLOW	24.	24.	23.	23.	9.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT									
+	*IOFF4	.01	1	FLOW	9.	9.	9.	9.	3.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT									
+	*PARK	.02	1	FLOW	36.	35.	34.	33.	13.
				TIME	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT									
+	CP9	1.10	1	FLOW	417.	414.	404.	393.	203.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT									
+	DIV1	.00	1	FLOW	30.	30.	29.	29.	15.
				TIME	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT									
+	RCP3	1.10	1	FLOW	446.	443.	432.	420.	217.

								INT		
				TIME	3.58	3.58	3.58	3.58	3.58
ROUTED TO										
+	RRCP3	1.10	1	FLOW	434.	431.	420.	407.	209.
				TIME	3.58	3.58	3.58	3.58	3.67
HYDROGRAPH AT										
+	*2.06	.03	1	FLOW	61.	61.	60.	58.	30.
				TIME	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	RCP3a	1.13	1	FLOW	492.	489.	477.	463.	234.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	*2.05b	.01	1	FLOW	21.	21.	21.	20.	10.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	*STR1	.00	1	FLOW	10.	10.	10.	10.	5.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	*2.04a	.00	1	FLOW	3.	3.	3.	3.	1.
				TIME	3.50	3.50	3.50	3.50	3.58
HYDROGRAPH AT										
+	DIV2	.00	1	FLOW	85.	84.	82.	79.	31.
				TIME	3.58	3.58	3.58	3.58	3.58
4 COMBINED AT										
+	RCP2a	.02	1	FLOW	115.	114.	111.	108.	46.
				TIME	3.58	3.58	3.58	3.58	3.58
ROUTED TO										
+	*DBN	.02	1	FLOW	104.	102.	100.	97.	38.
				TIME	3.67	3.67	3.67	3.67	3.75
			** PEAK STAGES IN FEET **							
			1	STAGE	2803.33	2803.29	2803.23	2803.14	2800.64
				TIME	3.67	3.67	3.67	3.67	3.75
HYDROGRAPH AT										
+	*WSPD3	.00	1	FLOW	5.	5.	5.	5.	2.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	*WGC3	.04	1	FLOW	89.	88.	86.	84.	42.
				TIME	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	*WSPD0	.00	1	FLOW	2.	2.	2.	2.	1.
				TIME	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT										
+	RWC9a	1.19	1	FLOW	669.	664.	649.	628.	308.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	*ON1-D	.03	1	FLOW	47.	46.	45.	44.	20.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	*ON2-D	.03	1	FLOW	45.	45.	44.	42.	18.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	*HOR	.02	1	FLOW	30.	30.	29.	28.	14.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	*WC7	.07	1	FLOW	121.	119.	117.	113.	51.
				TIME	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	*WGRC1A	.00	1	FLOW	4.	4.	4.	4.	2.
				TIME	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	RCP12	1.27	1	FLOW	794.	787.	769.	745.	361.
				TIME	3.58	3.58	3.58	3.58	3.58

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SUMMARY OF KINEMATIC WAVE - MUSKINGUM-CUNGE ROUTING
(FLOW IS DIRECT RUNOFF WITHOUT BASE FLOW)

						INTERPOLATED TO COMPUTATION INTERVAL			
ISTAQ	ELEMENT	DT	PEAK	TIME TO PEAK	VOLUME	DT	PEAK	TIME TO PEAK	VOLUME
		(MIN)	(CFS)	(MIN)	(IN)	(MIN)	(CFS)	(MIN)	(IN)
FOR PLAN = 1 RATIO= .00									
	REX3a MANE	4.25	33.59	225.25	1.82	5.00	33.54	225.00	1.83

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2148E+01 EXCESS= .0000E+00 OUTFLOW= .2158E+01 BASIN STORAGE= .5977E-02 PERCENT ERROR= -.7

FOR PLAN = 1 RATIO= .00

REX3a	MANE	4.25	33.17	225.25	1.80	5.00	33.11	225.00	1.80

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2117E+01 EXCESS= .0000E+00 OUTFLOW= .2126E+01 BASIN STORAGE= .5950E-02 PERCENT ERROR= -.7

FOR PLAN = 1 RATIO= .00

REX3a	MANE	4.25	32.53	225.25	1.76	5.00	32.46	225.00	1.76

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2070E+01 EXCESS= .0000E+00 OUTFLOW= .2079E+01 BASIN STORAGE= .5909E-02 PERCENT ERROR= -.7

FOR PLAN = 1 RATIO= .00

REX3a	MANE	4.25	31.46	225.25	1.69	5.00	31.37	225.00	1.69

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1992E+01 EXCESS= .0000E+00 OUTFLOW= .2000E+01 BASIN STORAGE= .5840E-02 PERCENT ERROR= -.7

FOR PLAN = 1 RATIO= .00

REX3a	MANE	4.25	12.98	225.25	.67	5.00	12.83	230.00	.68

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7908E+00 EXCESS= .0000E+00 OUTFLOW= .7974E+00 BASIN STORAGE= .4816E-02 PERCENT ERROR= -1.4

FOR PLAN = 1 RATIO= .00

REX2	MANE	4.00	133.81	220.00	1.82	5.00	133.81	220.00	1.82

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8797E+01 EXCESS= .0000E+00 OUTFLOW= .8816E+01 BASIN STORAGE= .5261E-02 PERCENT ERROR= -.3

FOR PLAN = 1 RATIO= .00

REX2	MANE	4.50	132.77	220.50	1.79	5.00	131.11	220.00	1.80

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8670E+01 EXCESS= .0000E+00 OUTFLOW= .8692E+01 BASIN STORAGE= .6292E-02 PERCENT ERROR= -.3

FOR PLAN = 1 RATIO= .00

REX2	MANE	4.50	129.94	220.50	1.75	5.00	128.27	220.00	1.76

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8477E+01 EXCESS= .0000E+00 OUTFLOW= .8499E+01 BASIN STORAGE= .6239E-02 PERCENT ERROR= -.3

FOR PLAN = 1 RATIO= .00

REX2	MANE	4.50	125.21	220.50	1.69	5.00	123.54	220.00	1.69

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8157E+01 EXCESS= .0000E+00 OUTFLOW= .8178E+01 BASIN STORAGE= .6150E-02 PERCENT ERROR= -.3

FOR PLAN = 1 RATIO= .00

REX2	MANE	4.25	50.85	225.25	.67	5.00	50.74	225.00	.67

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3236E+01 EXCESS= .0000E+00 OUTFLOW= .3245E+01 BASIN STORAGE= .4278E-02 PERCENT ERROR= -.4

FOR PLAN = 1 RATIO= .00

RD2	MANE	2.22	234.28	217.19	1.41	5.00	226.68	220.00	1.41

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1753E+02 EXCESS= .0000E+00 OUTFLOW= .1753E+02 BASIN STORAGE= .2437E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RD2	MANE	2.23	227.71	218.66	1.39	5.00	222.31	220.00	1.39

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1731E+02 EXCESS= .0000E+00 OUTFLOW= .1731E+02 BASIN STORAGE= .2507E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RD2	MANE	2.25	223.54	218.32	1.36	5.00	217.90	220.00	1.36

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1696E+02 EXCESS= .0000E+00 OUTFLOW= .1696E+02 BASIN STORAGE= .2170E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RD2	MANE	2.28	216.19	217.04	1.31	5.00	210.78	220.00	1.31

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1637E+02 EXCESS= .0000E+00 OUTFLOW= .1637E+02 BASIN STORAGE= .2216E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RD2	MANE	3.31	85.77	218.74	.57	5.00	85.26	220.00	.57

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7153E+01 EXCESS= .0000E+00 OUTFLOW= .7157E+01 BASIN STORAGE= .2203E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

RRCP1	MANE	3.56	748.54	217.22	1.84	5.00	730.58	215.00	1.84

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1500E+03 EXCESS= .0000E+00 OUTFLOW= .1501E+03 BASIN STORAGE= .3131E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RRCP1	MANE	3.58	734.61	218.32	1.81	5.00	724.32	215.00	1.81

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1480E+03 EXCESS= .0000E+00 OUTFLOW= .1480E+03 BASIN STORAGE= .3355E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RRCP1	MANE	3.60	719.40	216.19	1.77	5.00	701.94	215.00	1.77

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1447E+03 EXCESS= .0000E+00 OUTFLOW= .1448E+03 BASIN STORAGE= .3312E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RRCP1	MANE	3.64	699.32	218.51	1.71	5.00	689.15	215.00	1.71

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1396E+03 EXCESS= .0000E+00 OUTFLOW= .1396E+03 BASIN STORAGE= .3147E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RRCP1	MANE	4.72	332.34	217.18	.71	5.00	323.63	220.00	.71

CONTINUITY SUMMARY (AC-FT) - INFLOW= .5830E+02 EXCESS= .0000E+00 OUTFLOW= .5832E+02 BASIN STORAGE= .3159E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RRCP6	MANE	4.00	104.92	216.00	2.35	5.00	102.13	215.00	2.35

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7297E+01 EXCESS= .0000E+00 OUTFLOW= .7311E+01 BASIN STORAGE= .3372E-02 PERCENT ERROR= -.2

FOR PLAN = 1 RATIO= .00

RRCP6	MANE	4.00	103.68	216.00	2.32	5.00	100.90	215.00	2.32

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7207E+01 EXCESS= .0000E+00 OUTFLOW= .7221E+01 BASIN STORAGE= .3355E-02 PERCENT ERROR= -.2

FOR PLAN = 1 RATIO= .00

RRCP6	MANE	4.00	101.83	216.00	2.28	5.00	99.07	215.00	2.28

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7072E+01 EXCESS= .0000E+00 OUTFLOW= .7086E+01 BASIN STORAGE= .3329E-02 PERCENT ERROR= -.2

FOR PLAN = 1 RATIO= .00

RRCP6	MANE	4.00	98.74	216.00	2.21	5.00	96.01	220.00	2.21

CONTINUITY SUMMARY (AC-FT) - INFLOW= .6848E+01 EXCESS= .0000E+00 OUTFLOW= .6862E+01 BASIN STORAGE= .3284E-02 PERCENT ERROR= -.2

FOR PLAN = 1 RATIO= .00

RRCP6	MANE	4.75	49.57	218.50	1.05	5.00	48.27	220.00	1.05

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3259E+01 EXCESS= .0000E+00 OUTFLOW= .3268E+01 BASIN STORAGE= .2877E-02 PERCENT ERROR= -.4

FOR PLAN = 1 RATIO= .00

RCP7	MANE	2.49	348.96	214.42	2.45	5.00	347.69	215.00	2.45

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1376E+03 EXCESS= .0000E+00 OUTFLOW= .1376E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCP7	MANE	2.50	346.37	215.16	2.43	5.00	345.92	215.00	2.44

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1369E+03 EXCESS= .0000E+00 OUTFLOW= .1369E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCP7	MANE	2.51	337.30	213.77	2.42	5.00	336.99	215.00	2.42

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1360E+03 EXCESS= .0000E+00 OUTFLOW= .1360E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCP7	MANE	2.54	329.55	215.68	2.39	5.00	328.50	215.00	2.39

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1345E+03 EXCESS= .0000E+00 OUTFLOW= .1345E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCP7	MANE	3.06	177.37	217.04	2.01	5.00	174.66	215.00	2.01

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1134E+03 EXCESS= .0000E+00 OUTFLOW= .1134E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RRCP3	MANE	2.21	436.17	216.69	2.46	5.00	433.68	215.00	2.46

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1442E+03 EXCESS= .0000E+00 OUTFLOW= .1442E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RRCP3	MANE	2.22	436.18	217.17	2.45	5.00	431.30	215.00	2.45

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1434E+03 EXCESS= .0000E+00 OUTFLOW= .1434E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RRCP3	MANE	2.23	422.55	216.70	2.43	5.00	420.31	215.00	2.43

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1424E+03 EXCESS= .0000E+00 OUTFLOW= .1424E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RRCP3	MANE	2.25	411.05	216.38	2.40	5.00	407.06	215.00	2.40

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1406E+03 EXCESS= .0000E+00 OUTFLOW= .1406E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RRCP3	MANE	2.77	212.50	219.07	1.98	5.00	209.34	220.00	1.98

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1161E+03 EXCESS= .0000E+00 OUTFLOW= .1161E+03 BASIN STORAGE= .0000E+00 PERCENT ERROR= .0

*** NORMAL END OF HEC-1 ***

Ultimate Condition

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*              JUN   1998              *
*           VERSION 4.1                *
*                                      *
*  RUN DATE   22JAN18  TIME  17:47:37  *
*                                      *
****************************************
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```
**************************************
*                                    *
*    U.S. ARMY CORPS OF ENGINEERS    *
*    HYDROLOGIC ENGINEERING CENTER   *
*          609 SECOND STREET         *
*       DAVIS, CALIFORNIA 95616      *
*           (916) 756-1104           *
*                                    *
**************************************
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X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X              X
XXXXXXX  XXXX     X       XXXXX  X
X     X  X        X              X
X     X  X        X     X        X
X     X  XXXXXXX   XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

1 HEC-1 INPUT PAGE 1

```
LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

              *DIAGRAM
    1         ID     SLATER HANIFAN GROUP
    2         ID     NINETY-FIVE MANAGEMENT, LLC.
    3         ID     SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
    4         ID     ULTIMATE DRAINAGE CONDITION - REVISED TO ROUTE REGIONAL FLOW TO MOCCASIN RD
    5         ID     INCLUDES FULL WATERSHED WITH AREA UPSTREAM OF DB1, DB2 AND 157DB
    6         ID
    7         ID     RETURN PERIOD ------- 100-YEAR
    8         ID     DISTRIBUTION -------- 6-HOUR SDN3
    9         ID     PROJECT NO. --------- OLY1609.000
   10         ID     FILENAME ------------ ULT3.H1
   11         ID     DATE ---------------- JANUARY 2018
   12         ID     MODELED BY ---------- SMJ, updated by LKL
   13         ID
   14         ID        SIX HOUR DEPTH-AREA REDUCTION FACTORS
   15         ID        DRAINAGE AREA (MI^2)    DARF
   16         ID        0.0-0.49                1.00
   17         ID        0.5-0.99                0.98
   18         ID        1.0-1.99                0.97
   19         ID        2.0-3.99                0.93
   20         ID        4.0-5.99                0.91
   21         ID        6.0-7.99                0.90
   22         ID
   23         IT       5       0       0    2000
   24         IO       5       0       0
   25         IN       5       0       0
   26         JR    PREC    1.00    0.98    0.97    0.93    0.91    0.90
              *

   27         KK   WUS95
   28         KM   KYLE CANYON INTERCHANGE - WEST HALF
   29         BA   .0133
   30         PB    2.77
   31         PC       0   0.020   0.057   0.070   0.087   0.108   0.124   0.130   0.130   0.130
   32         PC   0.130   0.130   0.130   0.133   0.140   0.142   0.148   0.158   0.172   0.181
   33         PC   0.190   0.197   0.199   0.200   0.201   0.204   0.214   0.229   0.241   0.249
   34         PC   0.251   0.256   0.270   0.278   0.281   0.283   0.295   0.322   0.352   0.409
   35         PC   0.499   0.590   0.710   0.744   0.781   0.812   0.819   0.835   0.851   0.856
   36         PC   0.860   0.868   0.876   0.888   0.910   0.926   0.937   0.950   0.970   0.976
   37         PC   0.982   0.985   0.987   0.989   0.990   0.993   0.993   0.994   0.995   0.998
   38         PC   0.998   0.999   1.000
   39         LS       0    98.0
   40         UD   0.082
              *

   41         KK  DHD01B
   42         KM   FACILITY E-9
   43         KM   FLOW SPLIT AT VTN CULVERT 1
   44         KM   FLOW SPLITS TO BETWEEN NB AND SB ROADS OF US-95
   45         KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
   46         DT  DCHD1B
```

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 47          DI       0     133     187     250
 48          DQ       0     120     135     150
             *
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 49          KK  DHD02B
 50          KM   FACILITY E-10
 51          KM   FLOW SPLIT AT VTN CULVERT 2
 52          KM   FLOW SPLITS TO BETWEEN NB AND SB ROADS OF US-95
 53          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 54          DT  DCHD2B
 55          DI       0     100     138
 56          DQ       0      99     135
             *

 57          KK  WML15A
 58          KM   WEST BASIN, WEST OF SKYE PARK DRIVE
 59          BA   .0193
 60          PB    2.93
 61          LS       0    95.0
 62          UD   0.084
             *

 63          KK   WSPD1
 64          KM   WEST BASIN, SKYE PARK DRIVE
 65          BA   .0011
 66          PB    2.93
 67          LS       0    98.0
 68          UD   0.055
             *

 69          KK     WC1
 70          KM   FAR NW OF IRON MT/GRAND CANYON INTERSECTION
 71          KM   COMBINE WML15A, WSPD1
 72          HC       2
             *

 73          KK   WIRN4
 74          KM   WEST BASIN, IRN MT ROAD
 75          BA   .0042
 76          PB    2.93
 77          LS       0    98.0
 78          UD   0.079
             *

 79          KK  WMLA1A
 80          KM   WEST BASIN, WEST OF GRAND CANYON DRIVE
 81          BA   .0101
 82          PB    2.93
 83          LS       0    95.0
 84          UD   0.093
             *

 85          KK     WC2
 86          KM   NW OF IRON MT/GRAND CANYON INTERSECTION
 87          KM   COMBINE WC1, WIRN4, WMLA1A
 88          HC       3
             *
```



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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 89          KK  WGED1B
 90          KM   WEST BASIN, WEST OF US95
 91          BA   .0179
 92          PB    2.93
 93          LS       0    94.0
 94          UD   0.113
             *

 95          KK   WIRN5
 96          KM   WEST BASIN, WEST OF US95
 97          BA   .0012
 98          PB    2.93
 99          LS       0    98.0
100          UD   0.050
             *

101          KK     WC3
102          KM   W OF IRON MT/US95 INTERSECTION
103          KM   COMBINE WC2, WGED1B, WIRON5
104          HC       3
             *

105          KK    OFFW
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```
106          BA   .0122
107          PB    2.77
108          LS       0    92.0
109          UD    .089
             *

110          KK  CHD04B
111          HC       3
             *

112          KK   WPRK7
113          KM   WEST BASIN, WEST OF GRAND CANYON DRIVE
114          BA   .0046
115          PB    2.93
116          LS       0    84.0
117          UD   0.113
             *

118          KK  WMLA1B
119          KM   WEST BASIN, WEST OF GRAND CANYON DRIVE
120          BA   .0187
121          PB    2.93
122          LS       0    95.0
123          UD   0.103
             *
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

124          KK   WMLA2
125          KM   WEST BASIN, WEST OF GRAND CANYON DRIVE
126          BA   .0476
127          PB    2.93
128          LS       0    95.0
129          UD   0.137
             *

130          KK   WGRC2
131          KM   WEST BASIN, GRAND CANYON DRIVE
132          BA   .0041
133          PB    2.93
134          LS       0    98.0
135          UD   0.075
             *

136          KK     WC4
137          KM   W OF IRON MT/US95 INTERSECTION
138          KM   COMBINE  WPRK7, WMLA1B, WMLA2, WGRC2
139          HC       4
             *

140          KK   WMLA3
141          KM   WEST BASIN, WEST OF US95
142          BA   .0180
143          PB    2.93
144          LS       0    95.0
145          UD   0.104
             *

146          KK     WC5
147          KM   W OF IRON MT/US95 INTERSECTION
148          HC       2
             *

149          KK  CHD05B
150          KM   DISCHARGE DIRECTLY INTO EXISTING US-95 INTERIM MPU FACILITY
151          HC       2
             *

152          KK   WML16
153          KM   WEST BASIN, WEST OF SKYE PARK DRIVE
154          BA   .0346
155          PB    2.93
156          LS       0    95.0
157          UD   0.118
             *

158          KK   WSPD3
159          KM   WEST BASIN, SKYE PARK DRIVE
160          BA   .0014
161          PB    2.93
162          LS       0    98.0
163          UD   0.072
             *
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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
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```
 164          KK     WC6
 165          KM   N OF SKYE CANYON PARK/SKYE PARK INTERSECTION
 166          KM   COMBINE WML16, WSPD3
 167          HC       2
              *

 168          KK    WL9A
 169          KM   WEST BASIN, WEST OF SKYE PARK DRIVE
 170          BA   .0284
 171          PB    2.93
 172          LS       0    92.0
 173          UD   0.118
              *

 174          KK   WL10A
 175          KM   WEST BASIN, WEST OF GRAND CANYON DRIVE
 176          BA   .0267
 177          PB    2.93
 178          LS       0    92.0
 179          UD   0.125
              *

 180          KK   WSCP4
 181          KM   WEST BASIN, SKYE CANYON PARK DRIVE
 182          BA   .0122
 183          PB    2.93
 184          LS       0    98.0
 185          UD   0.103
              *

 186          KK     WC7
 187          KM   W OF SKYE CANYON PARK/GRAND CANYON INTERSECTION
 188          KM   COMBINE WC6, WL9A, WL10A, WSCP4
 189          HC       4
              *

 190          KK    WGC3
 191          KM   WEST BASIN, WEST OF GRAND CANYON DRIVE
 192          BA   .0476
 193          PB    2.93
 194          LS       0    95.0
 195          UD   0.099
              *

 196          KK  WGRC1A
 197          KM   WEST BASIN, GRAND CANYON DRIVE
 198          BA   .0020
 199          PB    2.93
 200          LS       0    98.0
 201          UD   0.111
              *
```



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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 202          KK  WML15B
 203          KM   WEST BASIN, WEST OF SKYE PARK DRIVE
 204          BA   .0175
 205          PB    2.93
 206          LS       0    95.0
 207          UD   0.102
              *

 208          KK   WSPD2
 209          KM   WEST BASIN, SKYE PARK DRIVE
 210          BA   .0012
 211          PB    2.93
 212          LS       0    98.0
 213          UD   0.050
              *

 214          KK     WC8
 215          KM   COMBINE  WML15B, WSPD2
 216          HC       2
              *

 217          KK     WC9
 218          KM   FAR N OF SKYE CANYON PARK/GRAND CANYON INTERSECTION
 219          KM   COMBINE WC7, WC8, WGRC1A, WGC3
 220          HC       4
              *

 221          KK   OFF14
 222          BA   .0145
 223          PB    2.77
 224          LS       0    94.7
 225          UD   0.108
```

```
                *

 226            KK  CHD06B
 227            KM   ACCOUNTS FOR DIRECT CONNECTION FROM CHD05B TO US-95 INTERIM MPU FACILITY
 228            HC       3
                *

 229            KK   95-9A
 230            KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 231            BA   .0110
 232            PB    2.77
 233            LS       0    94.7
 234            UD   0.095
                *

 235            KK  CHD07B
 236            KM   COMBINE CHD06B, 95-9A
 237            KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 238            HC       2
                *
1                                          HEC-1 INPUT                                          PAGE  7

LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 239            KK   OFF15
 240            KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 241            BA   .0348
 242            PB    2.77
 243            LS       0    94.7
 244            UD   0.108
                *

 245            KK  CHD7B2
 246            KM   COMBINE CHD07B, OFF15
 247            KM   COMBINE FLOWS IN MPU FACILITY
 248            KM   REVISED FROM GCW MASTER DRAINAGE STUDY
 249            HC       2
                *

 250            KK  OFF17B
 251            KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 252            KM   ADDED FROM HORSE INTERCHANGE MODEL
 253            BA   .0080
 254            PB   2.773
 255            LS       0    92.1
 256            UD   0.069
                *

 257            KK  OFF17A
 258            KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 259            KM   ADDED FROM HORSE INTERCHANGE MODEL
 260            BA   .0305
 261            PB   2.773
 262            LS       0    92.1
 263            UD   0.104
                *

 264            KK  COFF17
 265            KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 266            KM   ADDED FROM HORSE INTERCHANGE MODEL
 267            KM   COMBINE OFF17A, OFF17B
 268            KM   CULVERT AT BASIN OFF24B
 269            HC       2
                *

 270            KK     ON1
 271            KM   START CENTENNIAL POINT HEC-1 DATA
 272            BA   .0042
 273            PB    2.86
 274            LS       0    91.2
 275            UD   0.085
                *
1                                          HEC-1 INPUT                                          PAGE  8

LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 276            KK    ON4A
 277            BA   .0045
 278            LS       0    91.2
 279            UD   0.077
                *

 280            KK      C1
 281            KM   COMBINE ON1 AND ON4A
 282            HC       2
                *
```

```
 283          KK      D1
 284          KM   DIVERT FLOW INTO BASIN ON6
 285          DT    DIV1
 286          DI       0      16
 287          DQ       0      13
              *

 288          KK     ON5
 289          BA   .0052
 290          LS       0    91.2
 291          UD   0.080
              *

 292          KK      C2
 293          KM   COMBINE C1 AND ON5
 294          HC       2
              *

 295          KK     D1A
 296          KM   DIVERT FLOW FOR LATER USE IN HEC-1 RUN
 297          DT   DIV1A
 298          DI       0      50
 299          DQ       0      50
              *

 300          KK    ON4B
 301          BA   .0031
 302          LS       0    91.2
 303          UD   0.085
              *

 304          KK    RET1
 305          KM   RETRIEVE FLOW FROM D1
 306          DR    DIV1
              *

 307          KK     ON6
 308          BA   .0039
 309          LS       0    91.2
 310          UD   0.074
              *
```



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LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

 311          KK      C3
 312          KM   COMBINE RET1 AND ON6
 313          HC       2
              *

 314          KK     D1B
 315          KM   DIVERT FLOW FOR LATER USE IN HEC-1 RUN
 316          DT   DIV1B
 317          DI       0      50
 318          DQ       0      50
              *

 319          KK     ON2
 320          BA   .0050
 321          LS       0    91.2
 322          UD   0.080
              *

 323          KK     ON3
 324          BA   .0063
 325          LS       0    91.5
 326          UD   0.079
              *

 327          KK     ON9
 328          BA   .0045
 329          LS       0    91.4
 330          UD   0.096
              *

 331          KK      C4
 332          KM   COMBINE ON2, ON3 AND ON9
 333          HC       3
              *

 334          KK      D2
 335          KM   DIVERT FLOW INTO BASIN ON8
 336          DT    DIV2
 337          DI       0      29
 338          DQ       0      24
              *

 339          KK    ON10
```

```
 340          BA   .0025
 341          LS      0    91.5
 342          UD   0.071
              *

 343          KK      C5
 344          KM   COMBINE C4 AND ON10
 345          HC       2
              *
```



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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 346          KK      D3
 347          KM   DIVERT FLOW INTO BASIN ON7
 348          DT    DIV3
 349          DI       0      10
 350          DQ       0       8
              *

 351          KK    ON11
 352          BA   .0025
 353          LS       0    91.5
 354          UD   0.067
              *

 355          KK      C6
 356          KM   COMBINE C5 AND ON11
 357          HC       2
              *

 358          KK     D1C
 359          KM   DIVERT FLOW FOR LATER USE IN HEC-1 RUN
 360          DT   DIV1C
 361          DI       0      50
 362          DQ       0      50
              *

 363          KK    CD1C
 364          KM   COMBINE D1A, ON4B, D1B AND D1C
 365          KM   PICK UP AT OFF23
 366          HC       4
              *

 367          KK   RCD1C
 368          KM   ROUTE CD1C TO BASIN OFF23
 369          RK    2640  0.0346    0.02           TRAP     100       2
              *

 370          KK  DRCD1C
 371          KM   DIVERT FLOW TO BASIN OFF23
 372          DT  DOFF23
 373          DI       0      50     100
 374          DQ       0      50     100
              *

 375          KK     ON8
 376          BA   .0042
 377          LS       0    83.5
 378          UD   0.074
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 379          KK    RET2
 380          KM   RETRIEVE FLOW FROM D2
 381          DR    DIV2
              *

 382          KK      C7
 383          KM   COMBINE ON11 AND RET2
 384          HC       2
              *

 385          KK    RET3
 386          KM   RETRIEVE FLOW FROM D3
 387          DR    DIV3
              *

 388          KK     ON7
 389          BA   .0073
 390          LS       0    91.3
 391          UD   0.077
              *

 392          KK      C8
```

```
393          KM   COMBINE C7, RET3 AND ON7
394          HC       3
             *

395          KK   RET1A
396          KM   RETRIEVE FLOW FROM D1A IN TEE PEE
397          DR   DIV1A
             *

398          KK   RET1B
399          KM   RETRIEVE FLOW FROM D1B IN TEE PEE
400          DR   DIV1B
             *

401          KK   RET1C
402          KM   RETRIEVE FLOW FROM D1C IN TEE PEE
403          DR   DIV1C
             *

404          KK     C9
405          KM   COMBINE C8, RET1A, RET1B, RET1C IN TEE PEE
406          KM   END CENTENNIAL POINT HEC-1 DATA
407          HC       3
             *

408          KK    ON2D
409          KM   START GRAND CANYON APARTMENTS HEC-1 DATA
410          BA   .0105
411          PB    2.90
412          LS       0      95
413          UD   0.094
             *
```



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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9.....10

414          KK    ON5D
415          BA   .0038
416          LS       0      95
417          UD   0.067
             *

418          KK     CP1
419          KM   COMBINE ON2D AND ON5D
420          HC       2
             *

421          KK    ON3D
422          BA   .0036
423          LS       0      95
424          UD   0.084
             *

425          KK     CP2
426          KM   COMBINE CP1 AND ON3D
427          HC       2
             *

428          KK    ON1D
429          BA   .0075
430          LS       0      95
431          UD   0.079
             *

432          KK    ON4D
433          BA   .0041
434          LS       0      95
435          UD   0.096
             *

436          KK     CP3
437          KM   COMBINE ON1D AND ON4D
438          HC       2
             *

439          KK     CP4
440          KM   COMBINE CP2 AND CP3
441          KM   END GRAND CANYON APARTMENTS HEC-1 DATA
442          HC       2
             *

443          KK  CENGCA
444          KM   COMBINE DRCD1C, C9, CP4
445          KM   CD1C IS DIVERSION OF FLOW ON TEE PEE FROM CENTENNIAL POINT
446          KM   CP4 AND C9 ARE ENDING OF THE APARTMENT COMPLEX AND DEVELOPMENT
447          HC       4
             *
```

```
LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

 448          KK    WML9
 449          KM   WEST BASIN, WEST OF EGAN CREST DRIVE
 450          BA   .0257
 451          PB    3.00
 452          LS       0    94.9
 453          UD   0.083
              *

 454          KK   WPRK5
 455          KM   WEST BASIN, WEST OF EGAN CREST DRIVE
 456          BA   .0031
 457          PB    3.00
 458          LS       0    84.0
 459          UD   0.064
              *

 460          KK   WC10A
 461          KM   FAR W OF EAGLE CANYON/EGAN CREST INTERSECTION
 462          KM   COMBINE WML9, WPRK5
 463          HC       2
              *

 464          KK   WEGL1
 465          KM   WEST BASIN, EAGLE CANYON AVE
 466          BA   .0052
 467          PB    3.00
 468          LS       0    98.0
 469          UD   0.083
              *

 470          KK    WL4B
 471          BA   .0140
 472          PB    3.00
 473          LS       0    92.0
 474          UD   0.093
              *

 475          KK   WC10B
 476          KM   W OF EAGLE CANYON/EGAN CREST INTERSECTION
 477          HC       3
              *

 478          KK   WML10
 479          KM   WEST BASIN, WEST OF EGAN CREST DRIVE
 480          BA   .0181
 481          PB    3.00
 482          LS       0    95.0
 483          UD   0.092
              *
```



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LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

 484          KK   WEGN3
 485          KM   WEST BASIN, EGAN CREST DRIVE
 486          BA   .0051
 487          PB    3.00
 488          LS       0    98.0
 489          UD   0.136
              *

 490          KK   WML11
 491          KM   WEST BASIN, WEST OF EGAN CREST DRIVE
 492          BA   .0448
 493          PB    3.00
 494          LS       0    92.7
 495          UD   0.121
              *

 496          KK    WC11
 497          KM   W OF EAGLE CANYON/EGAN CREST INTERSECTION
 498          KM   COMBINE WML10, WEGN3, WML11
 499          HC       3
              *

 500          KK    WC12
 501          KM   W OF EAGLE CANYON/EGAN CREST INTERSECTION
 502          KM   COMBINE WC10B, WC11
 503          HC       2
              *

 504          KK    WL6B
 505          KM   WEST BASIN, WEST OF SKY VILLAGE ROAD
 506          BA   .0165
```

```
 507          PB    3.00
 508          LS       0    92.0
 509          UD   0.106
              *

 510          KK     WL7
 511          KM   WEST BASIN, WEST OF SKY VILLAGE ROAD
 512          BA   .0180
 513          PB    3.00
 514          LS       0    92.0
 515          UD   0.095
              *

 516          KK   WML13
 517          KM   WEST BASIN, WEST OF SKY VILLAGE ROAD
 518          BA   .0256
 519          PB    3.00
 520          LS       0    95.0
 521          UD   0.117
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 522          KK   WEGL2
 523          KM   WEST BASIN, EAGLE CANYON AVE
 524          BA   .0051
 525          PB    3.00
 526          LS       0    98.0
 527          UD   0.072
              *

 528          KK    WC13
 529          KM   W OF EAGLE CANYON/EGAN CREST INTERSECTION
 530          KM   COMBINE WC12, WL6B, WL7, WML13, WEGL2
 531          HC       5
              *

 532          KK   WML14
 533          KM   WEST BASIN, WEST OF SKY VILLAGE ROAD
 534          BA   .0300
 535          PB    3.00
 536          LS       0    95.0
 537          UD   0.111
              *

 538          KK     WL8
 539          KM   WEST BASIN, WEST OF SKY VILLAGE ROAD
 540          BA   .0272
 541          PB    3.00
 542          LS       0    92.0
 543          UD   0.128
              *

 544          KK   WSKV3
 545          KM   WEST BASIN, WEST OF SKY VILLAGE ROAD
 546          BA   .0066
 547          PB    2.93
 548          LS       0    98.0
 549          UD   0.100
              *

 550          KK   WSKV4
 551          KM   WEST BASIN, SKY VILLAGE ROAD
 552          BA   .0070
 553          PB    3.00
 554          LS       0    98.0
 555          UD   0.099
              *

 556          KK    WC14
 557          KM   E OF EAGLE CANYON/EGAN CREST INTERSECTION
 558          KM   COMBINE WC13, WML14, WL8, WSKV3, WSKV4
 559          HC       5
              *
```



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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 560          KK    WL9B
 561          KM   WEST BASIN, WEST OF SKY PARK DRIVE
 562          BA   .0224
 563          PB    2.93
 564          LS       0    92.0
 565          UD   0.116
              *
```

```
566          KK   WSPD4
567          KM   WEST BASIN, WEST OF SKY VILLAGE ROAD
568          BA   .0036
569          PB    2.93
570          LS       0    98.0
571          UD   0.095
             *

572          KK    WC15
573          KM   N OF EAGLE CANYON/SKY PARK DRIVE INTERSECTION
574          KM   COMBINE WL9B, WSPD4
575          HC       2
             *

576          KK    WL11
577          KM   WEST BASIN, WEST OF MOUNTAIN LANDING STREET
578          BA   .0573
579          PB    2.93
580          LS       0    92.0
581          UD   0.131
             *

582          KK   WPRK8
583          KM   WEST BASIN, WEST OF SKY VILLAGE ROAD
584          BA   .0027
585          PB    2.93
586          LS       0    84.0
587          UD   0.077
             *

588          KK   WPRK9
589          KM   WEST BASIN, WEST OF SKY VILLAGE ROAD
590          BA   .0007
591          PB    2.93
592          LS       0    84.0
593          UD   0.069
             *

594          KK   WMTL1
595          KM   WEST BASIN, MOUNTAIN LANDING STREET
596          BA   .0020
597          PB    2.93
598          LS       0    98.0
599          UD   0.069
             *
```



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LINE         ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

600          KK    WC16
601          KM   S OF EAGLE CANYON/MOUNTAIN LANDING INTERSECTION
602          KM   COMBINE WL11, WPRK8, WPRK9, WMTL1
603          HC       4
             *

604          KK   WEGL3
605          KM   WEST BASIN, EAGLE CANYON AVE
606          BA   .0075
607          PB    3.00
608          LS       0    98.0
609          UD   0.098
             *

610          KK   WL10B
611          KM   WEST BASIN, WEST OF GRAND CANYON DRIVE
612          BA   .0286
613          PB    2.93
614          LS       0    92.0
615          UD   0.139
             *

616          KK    WC17
617          KM   W OF EAGLE CANYON/GRAND CANYON INTERSECTION
618          KM   COMBINE WC14, WC15, WC16, WEGL3, WL10B
619          HC       5
             *

620          KK    WL12
621          KM   WEST BASIN, WEST OF GRAND CANYON DRIVE
622          BA   .0490
623          PB    2.93
624          LS       0    92.0
625          UD   0.119
             *

626          KK  WGRC1B
627          KM   WEST BASIN, GRAND CANYON DRIVE
628          BA   .0050
```

```
 629          PB    2.93
 630          LS       0    98.0
 631          UD   0.163
              *

 632          KK    WC18
 633          KM   W OF EAGLE CANYON/GRAND CANYON INTERSECTION
 634          KM   COMBINE WC17, WL12, WGRC1B
 635          HC       3
              *
```



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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 636          KK    CCP4
 637          HC       2
              *

 638          KK  OFF21B
 639          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 640          KM   BASIN IS DEVELOPED, CHECK FOR REFERENCE MATERIAL
 641          BA   .0414
 642          PB   2.775
 643          LS       0      95
 644          UD   0.110
              *

 645          KK  COF21B
 646          KM   COMBINE OFF21B WITH FLOW FROM CENTENNIAL POINT AND GRAND CANYON APTS
 647          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 648          HC       2
              *

 649          KK  ROFF23
 650          KM   RETRIEVE FLOW FROM DIVOFF23
 651          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 652          DR  DOFF23
              *

 653          KK   OFF23
 654          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 655          BA   .0091
 656          PB   2.787
 657          LS       0      95
 658          UD   0.109
              *

 659          KK  COFF23
 660          KM   COMBINE OFF23, DOFF23
 661          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
 662          HC       2
              *

 663          KK    OFFU
 664          BA   .0398
 665          PB    2.93
 666          LS       0    94.8
 667          UD   0.118
              *

 668          KK  CPCULV
 669          HC       5
              *
```



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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 670          KK  NW29-C
 671          KM   REFERENCED FROM 2008 MPU
 672          BA   0.132
 673          PB    3.00
 674          LS       0    92.4
 675          UD   0.214
              *

 676          KK  RNW29C
 677          KM  ROUTE NW29-C TO CNW71-W
 678          KM  FACILITY = CENTENNIAL PARKWAY CHANNEL WEST/GRAND TETON BRANCH
 679          KM  FACILITY ID-MILE = CNGT 0118
 680          KM  LINING = ARCH CON
 681          KM   REFERENCED FROM 2008 MPU
 682          RD    2100   0.037   0.015       0    TRAP       6       0
              *

 683          KK  NW71-W
 684          KM   REFERENCED FROM 2008 MPU
 685          BA   0.104
```

```
 686          PB    2.92
 687          LS       0    92.5
 688          UD   0.206
              *

 689          KK  CNW71W
 690          KM  COMBINE RNW29C AND NW71-W
 691          KM  CENTENNIAL PKWY CHANNEL WEST/GRAND TETON BRANCH @ HUALAPAI
 692          KM   REFERENCED FROM 2008 MPU
 693          HC       2
              *

 694          KK  RCNW71-W
 695          KM  ROUTE CNW71-W TO CNW71-E
 696          KM  FACILITY = CENTENNIAL PARKWAY CHANNEL WEST/GRAND TETON BRANCH
 697          KM  FACILITY ID-MILE = CNGT 0000,0043
 698          KM  LINING = RCB
 699          KM   REFERENCED FROM 2008 MPU
 700          RD    6270   0.030   0.015       0    TRAP       6       0
              *

 701          KK  NW71-E
 702          KM   REFERENCED FROM 2008 MPU
 703          BA   0.238
 704          PB    2.85
 705          LS       0    88.3
 706          UD   0.293
              *
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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 707          KK  CNW71E
 708          KM  COMBINE NW71-E AND RCNW71-W
 709          KM  CENTENNIAL PKWY CHANNEL WEST/GRAND TETON BRANCH @ US 95
 710          KM   REFERENCED FROM 2008 MPU
 711          HC       2
              *

 712          KK   WGRT1
 713          KM   WEST BASIN, GRAND TETON DRIVE
 714          BA   .0183
 715          PB    3.00
 716          LS       0    98.0
 717          UD   0.256
              *

 718          KK   95STH
 719          KM   FLOW CONVEYED SOUTH IN US-95 AT GRAND TETON
 720          KM   FLOW CONVEYED IN FACILITY ID = CN95 0167
 721          HC       3
              *

 722          KK  OFF4-1
 723          KM  REFERENCED FROM 2008 MPU
 724          BA   0.301
 725          PB    3.40
 726          LS       0    86.8
 727          UD   0.295
              *

 728          KK  ROFF41
 729          KM  ROUTE OFF4-1 TO COFF4-2
 730          KM  KYLE CANYON ROAD
 731          KM  REFERENCED FROM 2008 MPU
 732          RD    5800  0.0414   0.016       0    TRAP       0      50
              *

 733          KK  OFF4-2
 734          KM  REFERENCED FROM 2008 MPU
 735          BA   0.420
 736          PB    3.34
 737          LS       0    85.2
 738          UD   0.140
              *

 739          KK  COFF42
 740          KM  COMBINE ROFF4-1 AND OFF4-2
 741          KM  REFERENCED FROM 2008 MPU
 742          HC       2
              *
1                                    HEC-1 INPUT                                    PAGE 21

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


 743          KK  RCOFF4-2
 744          KM  ROUTE COFF4-2 TO COFF5-1
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```
745          KM  KYLE CANYON ROAD
746          KM  REFERENCED FROM 2008 MPU
747          RD    2800  0.0392   0.016       0    TRAP       0      50
             *

748          KK  OFF5-1
749          KM  REFERENCED FROM 2008 MPU
750          BA   0.296
751          PB    3.26
752          LS       0    84.1
753          UD   0.222
             *

754          KK  COFF51
755          KM  COMBINE RCOFF4-2 AND OFF5-1
756          KM  REFERENCED FROM 2008 MPU
757          HC       2
             *

758          KK  RCOFF5-1
759          KM  ROUTE COFF5-1 TO 2CNW1-C
760          KM  FACILITY = MOCCASIN AND KYLE CANYON ROAD
761          KM  FACILITY ID-MILE = MOKC 0380
762          KM  LINING = RCP
763          KM  REFERENCED FROM 2008 MPU
764          RD    5800  0.0373   0.013       0    CIRC     7.5       0
             *

765          KK  OFF5-2
766          KM  REFERENCED FROM 2008 MPU
767          BA   0.395
768          PB    3.20
769          LS       0    86.9
770          UD   0.317
             *

771          KK  ROFF52
772          KM  ROUTE OFF5-2 TO CNW1-C
773          KM  FACILITY =KYLE CANYON ROAD AND UNKNOWN
774          KM  FACILITY ID-MILE = KCUN 0000
775          KM  LINING = RCP
776          KM  REFERENCED FROM 2008 MPU
777          RD    2300   0.022   0.013       0    CIRC       7       0
             *

778          KK   NW1-C
779          KM  REFERENCED FROM 2008 MPU
780          BA   0.293
781          PB    3.12
782          LS       0    84.3
783          UD   0.263
             *
```



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LINE         ID.......1.......2.......3.......4.......5.......6.......7.......8.......9.....10

784          KK  CNW1-C
785          KM  COMBINE ROFF5-2 AND NW1-C
786          KM  REFERENCED FROM 2008 MPU
787          HC       2
             *

788          KK  2CNW1C
789          KM  COMBINE RCOFF5-1 AND CNW1-C
790          KM  REFERENCED FROM 2008 MPU
791          HC       2
             *

792          KK  R2CNW1-C
793          KM  ROUTE 2CNW1-C TO CNW-7
794          KM  FACILITY =MOCCASIN AND KYLE CANYON ROAD
795          KM  FACILITY ID-MILE = MOKC 0325
796          KM  LINING = RCB
797          KM  REFERENCED FROM 2008 MPU
798          RD    5700  0.0365   0.015       0    TRAP       9       0
             *

799          KK   NW7-C
800          KM  REFERENCED FROM 2008 MPU
801          BA   0.488
802          PB    3.03
803          LS       0    87.2
804          UD   0.364
             *

805          KK   CNW-7
806          KM  COMBINE NW7-C AND R2CNW1-C
807          KM  REFERENCED FROM 2008 MPU
```

```
 808          HC       2
              *

 809          KK   157DB
 810          KM   ADDED SR-157 DB
 811          RS       1     VOL      -1
 812          KO       1
 813          SV       0      70     100
 814          SE       0       5       7
 815          SQ       0     626     885    1084    1252    1399
 816          SE       0       3       4       5       6       7
              *

 817          KK  RCNW7C
 818          KM  ROUTE CNW7-C TO CNW21-C
 819          KM  FACILITY =MOCCASIN AND KYLE CANYON ROAD
 820          KM  FACILITY ID-MILE = MOKC
 821          KM  LINING = RCB
 822          KM  REVISED FROM 2008 MPU
 823          RD    2660  0.0338   0.015       0    TRAP      20       0
              *
```



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LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 824          KK  NW21-C
 825          KM   PROPOSED ULTIMATE CONDITION MPA BASIN
 826          BA   .1552
 827          PB    3.00
 828          LS       0    92.0
 829          UD   0.199
              *

 830          KK  CNW21C
 831          KM   COMBINE NW21-C AND CNW-7
 832          HC       2
              *

 833          KK  RCNW21-C
 834          KM  ROUTE CNW21-C TO CNW35-C
 835          KM  FACILITY =MOCCASIN AND KYLE CANYON ROAD
 836          KM  FACILITY ID-MILE = MOKC
 837          KM  LINING = RCB
 838          KM  REVISED FROM 2008 MPU
 839          RD    5450  0.0339   0.015       0    TRAP      20       0
              *

 840          KK  NW35-C
 841          KM   PROPOSED ULTIMATE CONDITION MPA BASIN
 842          BA   .3447
 843          PB    2.93
 844          LS       0    90.5
 845          UD   0.291
              *

 846          KK  WPRK10
 847          KM   OFFICER IGOR SOLDO MEMORIAL PARK
 848          BA   .0157
 849          PB    2.77
 850          LS       0    84.0
 851          UD   0.114
              *

 852          KK  CNW35C
 853          KM   COMBINE NW35-C AND CNW21-C
 854          HC       3
              *

 855          KK   WOFF1
 856          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 857          PB    3.00
 858          BA   .4073
 859          LS       0    86.4
 860          UD   0.356
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 861          KK  WOFF11
 862          KM   DEVELOPED OFFSITE DRAINAGE BASIN
 863          KM   DISCHARGES INTO DETENTION BASIN "DB2"
 864          BA   .0281
 865          LS       0    96.0
 866          UD   0.118
              *
```

```
 867          KK   WOFF2
 868          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 869          BA   .0355
 870          LS       0    85.0
 871          UD   0.148
              *

 872          KK   WOFF3
 873          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 874          BA   .0259
 875          LS       0    86.2
 876          UD   0.112
              *

 877          KK     CP1
 878          KM   COMBINE WOFF1, WOFF2, WOFF3, WOFF11
 879          HC       4
              *

 880          KK   WOFF4
 881          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 882          BA   .0581
 883          LS       0    86.2
 884          UD   0.136
              *

 885          KK   WOFF5
 886          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 887          BA   .2569
 888          LS       0    86.5
 889          UD   0.419
              *

 890          KK   WOFF6
 891          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 892          BA   .0399
 893          LS       0    86.2
 894          UD   0.121
              *

 895          KK   WPF1B
 896          KM   WEST BASIN, WEST OF SHEEP MT ROAD
 897          BA   .0295
 898          PB    3.00
 899          LS       0    94.0
 900          UD   0.077
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

 901          KK     DB1
 902          KM   COMBINE CP1, WOFF4, WOFF5, WOFF6 AND WPF1B
 903          HC       5
              *

 904          KK    RDB1
 905          KM   OUTLET = 24" ORIFICE @ INVERT ELEVATION = 3013.8-FT
 906          KO       1
 907          RS       1    ELEV  3025.5
 908          SA    4.68    5.56    5.74    5.92    6.10    7.01    7.46    8.36    9.32   10.68
 909          SE  3025.5    3027    3028    3029    3030    3035    3037    3040    3043    3046
 910          SQ       0    13.7    31.5    48.3    60.6    70.8    74.5  1436.0  3920.5  7136.3
 911          SE  3013.8    3017    3020    3025    3030    3035    3037    3040    3043    3046
              *

 912          KK   WSHP3
 913          KM   WEST BASIN, SHEEP MT ROAD
 914          BA   .0163
 915          PB    3.00
 916          LS       0    94.0
 917          UD   0.110
              *

 918          KK    WPF2
 919          KM   WEST BASIN, WEST OF SHEEP MT
 920          BA   .0048
 921          PB    3.00
 922          LS       0    94.0
 923          UD   0.074
              *

 924          KK    WC19
 925          KM   FAR N OF GRAND TETON/SHEEP MT INTERSECTION
 926          KM   COMBINE RDB1, WSHP3, WPF2
 927          HC       3
              *
```

```
 928          KK    WPF5
 929          KM   WEST BASIN, WEST OF SHAUMBER RD
 930          BA   .0006
 931          PB    3.00
 932          LS       0    86.0
 933          UD   0.052
              *

 934          KK    WML2
 935          KM   WEST BASIN, WEST OF SHAUMBER ROAD
 936          BA   .0428
 937          PB    3.00
 938          LS       0    93.5
 939          UD   0.142
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9.....10

 940          KK   WSHA5
 941          KM   WEST BASIN, SHAUMBER ROAD
 942          BA   .0037
 943          PB    3.00
 944          LS       0    98.0
 945          UD   0.086
              *

 946          KK    WC20
 947          KM   S OF EAGLE CANYON/SHAUMBER INTERSECTION
 948          KM   COMBINE WPF5, WML2, WSHA5
 949          HC       3
              *

 950          KK   WARR4
 951          KM   WEST BASIN, WEST OF SHAUMBER ROAD
 952          BA   .0020
 953          PB    3.00
 954          LS       0    88.0
 955          UD   0.100
              *

 956          KK    WPF4
 957          BA   .0090
 958          PB    3.00
 959          LS       0    94.0
 960          UD   0.087
              *

 961          KK   WSHA4
 962          BA   .0022
 963          PB    3.00
 964          LS       0    98.0
 965          UD   0.051
              *

 966          KK    WC21
 967          KM   S OF SHAUMBER SPLIT INTERSECTION
 968          HC       5
              *

 969          KK    WPF3
 970          BA   .0072
 971          PB    3.00
 972          LS       0    94.0
 973          UD   0.050
              *

 974          KK  WSHA3A
 975          BA   .0010
 976          PB    3.00
 977          LS       0    98.0
 978          UD   0.050
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9.....10

 979          KK    WC29
 980          HC       2
              *

 981          KK    WL4A
 982          KM   WEST BASIN, WEST OF EGAN CREB DRIVE
 983          BA   .0125
 984          PB    3.00
 985          LS       0    92.0
 986          UD   0.106
```

```
                *

 987            KK    WL5A
 988            KM   WEST BASIN, WEST OF EGAN CREB DRIVE
 989            BA   .0170
 990            PB    3.00
 991            LS       0    92.0
 992            UD   0.099
                *

 993            KK    WL5B
 994            BA   .0059
 995            PB    3.00
 996            LS       0    92.0
 997            UD   0.085
                *

 998            KK   WC22A
 999            HC       3
                *

1000            KK   WPRK4
1001            KM   WEST BASIN, WEST OF EGAN CREB DRIVE
1002            BA   .0016
1003            PB    3.00
1004            LS       0    84.0
1005            UD   0.067
                *

1006            KK   WARR5
1007            KM   WEST BASIN, WEST OF EGAN CREB DRIVE
1008            BA   .0100
1009            PB    3.00
1010            LS       0    90.0
1011            UD   0.100
                *

1012            KK    WC22
1013            KM   FAR S OF SKYE CANYON PARK/EGAN CREB INTERSECTION
1014            HC       5
                *
```



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LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1015            KK    WPF6
1016            KM   WEST BASIN, WEST OF EGAN CREB DRIVE
1017            BA   .0016
1018            PB    3.00
1019            LS       0    94.0
1020            UD   0.050
                *

1021            KK    WML8
1022            KM   WEST BASIN, WEST OF EGAN CREB DRIVE
1023            BA   .0161
1024            PB    3.00
1025            LS       0    95.0
1026            UD   0.093
                *

1027            KK   DUMMY
1028            HC       3
                *

1029            KK    STR5
1030            KM   STREET BASIN
1031            BA   .0045
1032            PB    3.00
1033            LS       0    98.0
1034            UD   0.100
                *

1035            KK   WEGN1
1036            KM   WEST BASIN, EGAN CREB DRIVE
1037            BA   .0007
1038            PB    3.00
1039            LS       0    98.0
1040            UD   0.050
                *

1041            KK   WEGN2
1042            KM   WEST BASIN, EGAN CREB DRIVE
1043            BA   .0007
1044            PB    3.00
1045            LS       0    98.0
1046            UD   0.050
                *
```

```
1047          KK    WC23
1048          KM   FAR S OF SKYE CANYON PARK/EGAN CREB INTERSECTION
1049          KM   COMBINE WC22, WML8, WPF6, STR5, WEGN1, WEGN2
1050          HC       4
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1051          KK   WARR6
1052          KM   WEST BASIN, WEST OF SKYE VILLAGE ROAD
1053          BA   .0038
1054          PB    3.00
1055          LS       0    88.0
1056          UD   0.100
              *

1057          KK    WPF7
1058          KM   WEST BASIN, WEST OF SKYE VILLAGE ROAD
1059          BA   .0071
1060          PB    3.00
1061          LS       0    94.0
1062          UD   0.097
              *

1063          KK    WC24
1064          KM   FAR E OF SKYE CANYON PARK/EGAN CREB INTERSECTION
1065          KM   COMBINE WC23, WPF7, WARR6, WL6A
1066          HC       3
              *

1067          KK    WL6A
1068          KM   WEST BASIN, WEST OF SKYE VILLAGE ROAD
1069          BA   .0096
1070          PB    3.00
1071          LS       0    92.0
1072          UD   0.092
              *

1073          KK    STR6
1074          KM   STREET BASIN
1075          BA   .0088
1076          PB    3.00
1077          LS       0    98.0
1078          UD   0.100
              *

1079          KK   WPRK6
1080          KM   WEST BASIN, WEST OF SKYE VILLAGE ROAD
1081          BA   .0207
1082          PB    3.00
1083          LS       0    84.0
1084          UD   0.121
              *

1085          KK    WC26
1086          KM   W OF SKY CANYON PARK/SKYE VILLAGE INTERSECTION
1087          KM   COMBINE WC24, STR6, WWPRK6
1088          HC       4
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1089          KK   2.08b
1090          KM   ONSITE BASIN
1091          BA   .0303
1092          PB    3.00
1093          LS       0    95.0
1094          UD   0.105
              *

1095          KK    SVR1
1096          KM   ONSITE STREET BASIN
1097          BA   .0043
1098          PB    3.00
1099          LS       0    98.0
1100          UD   0.081
              *

1101          KK    WC27
1102          KM   S OF SPD2/SKYE CANYON VILLAGE INTERSECTION
1103          KM   COMBINE WC26, 2.08b, SVR1
1104          HC       3
              *
```

```
1105          KK    WL1B
1106          KM   WEST BASIN, WEST OF SHEEP MT ROAD
1107          BA   .0437
1108          PB    3.00
1109          LS       0    92.0
1110          UD   0.109
              *

1111          KK   WARR1
1112          KM   WEST BASIN, WEST OF SHEEP MT ROAD
1113          BA   .0056
1114          PB    3.00
1115          LS       0    88.0
1116          UD   0.100
              *

1117          KK   WSHP2
1118          KM   WEST BASIN, SHEEP MT ROAD
1119          BA   .0146
1120          PB    3.00
1121          LS       0    94.0
1122          UD   0.148
              *

1123          KK    WC28
1124          KM   FAR S OF IRON MT/SHEEP MT INTERSECTION
1125          KM   COMBINE WL1B, WARR1, WSHP3
1126          HC       3
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1127          KK   WSCH2
1128          BA   .0180
1129          PB    3.00
1130          LS       0    91.0
1131          UD   0.069
              *

1132          KK  WSHA3B
1133          BA   .0026
1134          PB    3.00
1135          LS       0    98.0
1136          UD   0.089
              *

1137          KK    WC30
1138          HC       2
              *

1139          KK   WSCP1
1140          BA   .0024
1141          PB    3.00
1142          LS       0    98.0
1143          UD   0.066
              *

1144          KK    WC31
1145          HC       2
              *

1146          KK    WML1
1147          KM   WEST BASIN, WEST OF SHAUMBER ROAD
1148          BA   .0282
1149          PB    3.00
1150          LS       0    92.0
1151          UD   0.103
              *

1152          KK    STR3
1153          KM   STREET BASIN
1154          BA   .0044
1155          PB    3.00
1156          LS       0    98.0
1157          UD   0.100
              *

1158          KK   WARR2
1159          KM   WEST BASIN, WEST OF SHAUMBER ROAD
1160          BA   .0044
1161          PB    3.00
1162          LS       0    88.0
1163          UD   0.100
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10
```

```
1164          KK     CP4
1165          HC       5
              *

1166          KK    2.09T
1167          KM    ONSITE BASIN
1168          BA    .0017
1169          PB     3.00
1170          LS        0    84.0
1171          UD    0.082
              *

1172          KK     2.09
1173          KM    ONSITE BASIN
1174          BA    .0455
1175          PB     3.00
1176          LS        0    92.0
1177          UD    0.126
              *

1178          KK     2.31
1179          KM    ONSITE BASIN
1180          BA    .0050
1181          PB     3.00
1182          LS        0    84.0
1183          UD    0.076
              *

1184          KK     CP3a
1185          KM    COMBINES CP4, 2.09T, 2.09 AND 2.31
1186          HC       4
              *

1187          KK    2.08T
1188          KM    ONSITE BASIN
1189          BA    .0018
1190          PB     3.00
1191          LS        0    84.0
1192          UD    0.077
              *

1193          KK    2.08a
1194          KM    ONSITE BASIN
1195          BA    .0246
1196          PB     3.00
1197          LS        0    95.0
1198          UD    0.105
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1199          KK     CP3b
1200          KM    COMBINES CP3a, 2.08T AND 2.08a
1201          HC       3
              *

1202          KK     WC35
1203          KM    N OF SPD2/SKYE CANYON VILLAGE INTERSECTION
1204          KM    COMBINE WC27, CP3b
1205          HC       2
              *

1206          KK    5.01b
1207          KM    ONSITE STREET BASIN
1208          BA    .0317
1209          PB     3.00
1210          LS        0    95.0
1211          UD    0.083
              *

1212          KK   2.32Tb
1213          KM    ONSITE STREET BASIN
1214          BA    .0010
1215          PB     3.00
1216          LS        0    84.0
1217          UD    0.094
              *

1218          KK    2.32b
1219          KM    ONSITE STREET BASIN
1220          BA    .0387
1221          PB     3.00
1222          LS        0    95.0
1223          UD    0.131
              *
```

```
1224          KK    CP2c
1225          KM   COMBINES 5.01b, 2.32Tb AND 2.32b
1226          HC       3
              *

1227          KK    SVR2
1228          KM   ONSITE STREET BASIN
1229          BA   .0100
1230          PB    3.00
1231          LS       0    98.0
1232          UD   0.161
              *

1233          KK    WC37
1234          KM   S OF IRON MT/SKYE VILLAGE RD INTERSECTION
1235          KM   COMBINE WC35, CP2c AND SVR2
1236          HC       3
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1237          KK   WOFF7
1238          KM   DISCHARGES INTO DETENTION BASIN "DB2"
1239          BA   .0068
1240          LS       0    86.2
1241          UD   0.100
              *

1242          KK   WOFF8
1243          KM   DISCHARGES INTO DETENTION BASIN "DB2"
1244          BA   .1663
1245          LS       0    86.2
1246          UD   0.239
              *

1247          KK     CP2
1248          KM   COMBINE WOFF7, AND WOFF8
1249          HC       2
              *

1250          KK   WOFF9
1251          KM   DISCHARGES INTO DETENTION BASIN "DB2"
1252          BA   .1164
1253          LS       0    86.2
1254          UD   0.203
              *

1255          KK  WOFF10
1256          KM   DISCHARGES INTO DETENTION BASIN "DB2"
1257          BA   .2463
1258          LS       0    86.5
1259          UD   0.248
              *

1260          KK   WPF1A
1261          KM   WEST BASIN, WEST OF SHEEP MT ROAD
1262          BA   .0315
1263          PB    3.00
1264          LS       0    94.0
1265          UD   0.135
              *

1266          KK     DB2
1267          KM   COMBINE CP2, WOFF9, WOFF10 AND WPF1A
1268          HC       4
              *

1269          KK    RDB2
1270          KM   OUTLET = 25" ORIFICE @ INVERT ELEVATION = 2984.21-FT
1271          KO       1
1272          RS       1    ELEV  2992.0
1273          SV    0.00    2.34    7.60   24.30   46.28   73.78  107.11  146.75  193.03
1274          SE  2992.0  2993.0  2995.0  3000.0  3005.0  3010.0  3015.0  3020.0  3025.0
1275          SQ    0.00   44.44   51.05   64.70   83.84   99.36   520.9  3465.5  7888.4
1276          SE  2992.0  2993.0  2995.0  3000.0  3009.0  3018.0  3019.0  3022.0  3025.0
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1277          KK   WPRK1
1278          KM   WEST BASIN, WEST OF SHEEP MT ROAD
1279          BA   .0037
1280          PB    3.00
1281          LS       0    84.0
```

```
1282          UD   0.070
              *

1283          KK   WIRN1
1284          KM   WEST BASIN, IRON MT ROAD
1285          BA   .0009
1286          PB    3.00
1287          LS       0    98.0
1288          UD   0.050
              *

1289          KK    WL1A
1290          KM   WEST BASIN, WEST OF SHEEP MT ROAD
1291          BA   .0465
1292          PB    3.00
1293          LS       0    92.0
1294          UD   0.142
              *

1295          KK    WC38
1296          KM   W OF SHEEP MT/IRON MT INTERSECTION
1297          KM   COMBINE WPF1A, WPRK1, WIRN1
1298          HC       4
              *

1299          KK   WSHP1
1300          KM   WEST BASIN, SHEEP MT ROAD
1301          BA   .01000
1302          PB    3.00
1303          LS       0    94.0
1304          UD   0.125
              *

1305          KK    WC39
1306          KM   S OF IRON MT/SHAUMBER INTERSECTION
1307          KM   COMBINE WL1A, WSHP1
1308          HC       2
              *

1309          KK   WIRN2
1310          KM   WEST BASIN, IRON MT ROAD
1311          BA   .0034
1312          PB    3.00
1313          LS       0    98.0
1314          UD   0.097
              *
```



```
LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

1315          KK   WSCH1
1316          KM   WEST BASIN, WEST OF SHAUMBER ROAD
1317          BA   .0615
1318          PB    3.00
1319          LS       0    91.0
1320          UD   0.125
              *

1321          KK    STR2
1322          KM   STREET BASIN
1323          BA   .0061
1324          PB    3.00
1325          LS       0    98.0
1326          UD   0.102
              *

1327          KK     CP1
1328          KM   S OF IRON MT/SHAUMBER INTERSECTION
1329          KM   COMBINE WC39, WIRN2, WSCH1, STR2
1330          HC       4
              *

1331          KK    5.01
1332          KM   ONSITE BASIN
1333          BA   .0292
1334          PB    3.00
1335          LS       0    95.0
1336          UD   0.076
              *

1337          KK   2.32T
1338          KM   ONSITE BASIN
1339          BA   .0010
1340          PB    3.00
1341          LS       0    84.0
1342          UD   0.089
              *
```

```
1343          KK    CP2a
1344          KM   COMBINES CP1, 5.01 AND 2.32T
1345          HC       3
              *

1346          KK    STR1
1347          KM   STREET BASIN
1348          BA   .0060
1349          PB    3.00
1350          LS       0    98.0
1351          UD   0.119
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1352          KK    2.32
1353          KM   ONSITE BASIN
1354          BA   .0317
1355          PB    3.00
1356          LS       0    95.0
1357          UD   0.113
              *

1358          KK    CP2b
1359          KM   COMBINES CP2a, STR1 AND 2.32
1360          HC       3
              *

1361          KK    WC43
1362          KM   N OF IRON MT/SKYE VILLAGE RD INTERSECTION
1363          KM   COMBINE WC37, CP2b
1364          HC       2
              *

1365          KK  WSKV1A
1366          KM   WEST BASIN, SKYE VILLAGE ROAD
1367          BA   .0021
1368          PB    3.00
1369          LS       0    98.0
1370          UD   0.093
              *

1371          KK   WC44A
1372          KM   S OF OSO BLANCA/SKYE VILLAGE RD INTERSECTION
1373          KM   COMBINE WC43, SKV1A
1374          HC       2
              *

1375          KK    WGC2
1376          KM   WEST BASIN, WEST OF US95
1377          BA   .0130
1378          PB    2.93
1379          LS       0    92.0
1380          UD   0.107
              *

1381          KK   WOSO1
1382          KM   WEST BASIN, OSO BLANCA ROAD
1383          BA   .0034
1384          PB    2.93
1385          LS       0    98.0
1386          UD   0.067
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1387          KK  WGED1A
1388          KM   WEST BASIN, WEST OF US95
1389          BA   .0444
1390          PB    2.93
1391          LS       0    92.4
1392          UD   0.133
              *

1393          KK   WC44B
1394          KM   W OF OSO BLANCA/US95 INTERSECTION
1395          KM   COMBINE CNW35C, WC44A, WGC2, WOSO1, WGED1A
1396          HC       5
              *

1397          KK  NW50-C
1398          KM   PROPOSED ULTIMATE CONDITION MPA BASIN
1399          BA   .1677
1400          PB    2.92
1401          LS       0    87.8
```

```
1402          UD   0.179
              *

1403          KK   WGC1
1404          KM   WEST BASIN, WEST OF US95
1405          BA   .0130
1406          PB    2.93
1407          LS       0    92.0
1408          UD   0.091
              *

1409          KK   WC44C
1410          HC       2
              *

1411          KK  RETC1B
1412          KM   RETRIEVE FLOW FROM VTN CULVERT 1
1413          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
1414          DR  DCHD1B
              *

1415          KK   EUS95
1416          KM   EAST BASIN, WEST OF TEE PEE LANE
1417          BA   .0139
1418          PB    2.77
1419          LS       0    98.0
1420          UD   0.066
              *

1421          KK   95-4A
1422          KM   US95 BASIN BETWEEN LOG CABIN AND IRON MOUNTAIN
1423          BA   .0077
1424          PB    2.77
1425          LS       0    92.6
1426          UD   0.083
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9.....10

1427          KK   95-4B
1428          KM   US95 BASIN BETWEEN LOG CABIN AND IRON MOUNTAIN
1429          BA   .0073
1430          PB    2.77
1431          LS       0    92.6
1432          UD   0.082
              *

1433          KK     EC1
1434          KM   E OF LOG CABIN/US95 INTERSECTION
1435          HC       6
              *

1436          KK   ELOG1
1437          KM   EAST BASIN, LOG CABIN WAY
1438          BA   .0053
1439          PB    2.77
1440          LS       0    98.0
1441          UD   0.071
              *

1442          KK   EPRK2
1443          KM   EAST BASIN, WEST OF TEE PEE LANE
1444          BA   .0025
1445          PB    2.77
1446          LS       0    69.0
1447          UD   0.122
              *

1448          KK     EC2
1449          KM   W OF LOG CABIN/TEE PEE INTERSECTION
1450          KM   COMBINE EC1, ELOG1, EPRK2
1451          HC       3
              *

1452          KK   EAA1B
1453          KM   EAST BASIN, WEST OF US95
1454          BA   .0624
1455          PB    2.93
1456          LS       0    92.0
1457          UD   0.141
              *

1458          KK   ETP1B
1459          KM   EAST BASIN, TEE PEE LANE
1460          BA   .0015
1461          PB    2.77
1462          LS       0    98.0
```

```
1463          UD   0.063
              *
1                                    HEC-1 INPUT                                    PAGE 40

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1464          KK     EC3
1465          KM   N OF KYLE CANYON/TEE PEE INTERSECTION
1466          KM   COMBINE EAA1B, ETP1B
1467          HC       2
              *

1468          KK   ESKY1
1469          KM   EAST BASIN, WEST OF TEE PEE LANE
1470          BA   .0053
1471          PB    2.77
1472          LS       0    98.0
1473          UD   0.125
              *

1474          KK    EPF1
1475          KM   EAST BASIN, WEST OF TEE PEE LANE
1476          BA   .0067
1477          PB    2.77
1478          LS       0    86.0
1479          UD   0.115
              *

1480          KK     EC4
1481          KM   W OF KYLE CANYON/TEE PEE INTERSECTION
1482          KM   COMBINE ESKY1, EPF1
1483          HC       2
              *

1484          KK    ETP2
1485          KM   EAST BASIN, TEE PEE LANE
1486          BA   .0018
1487          PB    2.77
1488          LS       0    98.0
1489          UD   0.072
              *

1490          KK   EMLA1
1491          KM   EAST BASIN, WEST OF TEE PEE LANE
1492          BA   .0295
1493          PB    2.77
1494          LS       0    92.0
1495          UD   0.105
              *

1496          KK     EC5
1497          KM   N OF LOG CABIN/TEE PEE INTERSECTION
1498          KM   COMBINE EC3, EC4, ETP2, EMLA1
1499          HC       4
              *
1                                    HEC-1 INPUT                                    PAGE 41

LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1500          KK     EC6
1501          KM   E OF LOG CABIN/TEE PEE INTERSECTION
1502          KM   COMBINE EC2, EC5
1503          HC       2
              *

1504          KK     EL1
1505          KM   EAST BASIN, WEST OF FORT APACHE
1506          BA   .0390
1507          PB    2.77
1508          LS       0    87.0
1509          UD   0.152
              *

1510          KK   ELOG2
1511          KM   EAST BASIN, LOG CABIN
1512          BA   .0055
1513          PB    2.77
1514          LS       0    98.0
1515          UD   0.079
              *

1516          KK     EC7
1517          KM   FAR W OF LOG CABIN/FORT APACHE INTERSECTION
1518          KM   COMBINE EC7B, EL1, ELOG2
1519          HC       3
              *
```

```
1520          KK    EL5A
1521          KM   EAST BASIN, WEST OF FORT APACHE
1522          BA   .0236
1523          PB    2.77
1524          LS       0    87.0
1525          UD   0.130
              *

1526          KK   ELOG3
1527          KM   EAST BASIN, LOG CABIN WAY
1528          BA   .0027
1529          PB    2.77
1530          LS       0    98.0
1531          UD   0.079
              *

1532          KK   EPRK1
1533          KM   EAST BASIN, WEST OF TEE PEE LANE
1534          BA   .0016
1535          PB    2.77
1536          LS       0    69.0
1537          UD   0.122
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9.....10


1538          KK     EC8
1539          KM   W OF LOG CABIN/FORT APACHE INTERSECTION
1540          KM   COMBINE EC7, EML1A, ELOG3, EPRK1
1541          HC       4
              *

1542          KK  RETC2B
1543          KM   RETRIEVE FLOW FROM VTN CULVERT 2
1544          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
1545          DR  DCHD2B
              *

1546          KK   95-5A
1547          KM   US95 BASIN BETWEEN LOG CABIN AND IRON MOUNTAIN
1548          BA   .0063
1549          PB    2.77
1550          LS       0    92.6
1551          UD   0.075
              *

1552          KK   95-5B
1553          KM   US95 BASIN BETWEEN LOG CABIN AND IRON MOUNTAIN
1554          BA   .0059
1555          PB    2.77
1556          LS       0    92.6
1557          UD   0.073
              *

1558          KK   95-6A
1559          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
1560          BA   .0104
1561          PB    2.77
1562          LS       0    92.8
1563          UD   0.091
              *

1564          KK   95-6B
1565          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
1566          BA   .0074
1567          PB    2.77
1568          LS       0    89.5
1569          UD   0.082
              *

1570          KK    EC9A
1571          HC       5
              *

1572          KK   EML3A
1573          KM   EAST BASIN, WEST OF TEE PEE LANE
1574          BA   .0293
1575          PB    2.77
1576          LS       0    94.1
1577          UD   0.128
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9.....10


1578          KK    ETP4
```

```
1579          KM   EAST BASIN, TEE PEE LANE
1580          BA   .0013
1581          PB    2.77
1582          LS       0    98.0
1583          UD   0.064
              *

1584          KK    EC9B
1585          KM   N OF IRON MT/TEE PEE INTERSECTION
1586          HC       3
              *

1587          KK   EIRN1
1588          KM   EAST BASIN, IRON MT ROAD
1589          BA   .0016
1590          PB    2.77
1591          LS       0    98.0
1592          UD   0.068
              *

1593          KK     ES1
1594          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
1595          BA   .0173
1596          PB    2.77
1597          LS       0    92.7
1598          UD   0.109
              *

1599          KK    EC10
1600          KM   N OF IRON MT/FORT APACHE INTERSECTION
1601          KM   COMBINE EC9B, EIRN1, ES1
1602          HC       3
              *

1603          KK   FTNOR
1604          KM   FLOW SPLIT AT IRON MOUNTAIN/FORT APACHE
1605          KM   DIVERT FLOW EAST IN IRON MOUNTAIN ROAD
1606          KM   MATCH CLV NWNS
1607          DT  IREAST
1608          DI       0      98     235     500
1609          DQ       0      98     235     235
              *

1610          KK     EL6
1611          KM   EAST BASIN, WEST OF FORT APACHE
1612          BA   .0567
1613          PB    2.77
1614          LS       0    87.0
1615          UD   0.186
              *
```



```
LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

1616          KK    EFA4
1617          KM   EAST BASIN, FORT APACHE
1618          BA   .0030
1619          PB    2.77
1620          LS       0    98.0
1621          UD   0.106
              *

1622          KK    EC11
1623          KM   S OF OHARE/FORT APACHE INTERSECTION
1624          KM   COMBINE EC10, EML2, EFA4
1625          HC       3
              *

1626          KK    EGC1
1627          KM   EAST BASIN, WEST OF TEE PEE LANE
1628          BA   .0412
1629          PB    2.77
1630          LS       0    92.0
1631          UD   0.149
              *

1632          KK    ETP3
1633          KM   EAST BASIN, TEE PEE LANE
1634          BA   .0100
1635          PB    2.77
1636          LS       0    90.0
1637          UD   0.100
              *

1638          KK    EC12
1639          KM   FAR S OF LOG CABIN/TEE PEE INTERSECTION
1640          KM   COMBINE EGC1, ETP3
1641          HC       2
```

```
                *

1642            KK     EL3
1643            KM   EAST BASIN, WEST OF TEE PEE LANE
1644            BA   .0412
1645            PB    2.77
1646            LS       0    87.0
1647            UD   0.170
                *

1648            KK   EOHR2
1649            KM   EAST BASIN, WEST OF TEE PEE LANE
1650            BA   .0010
1651            PB    2.77
1652            LS       0    98.0
1653            UD   0.083
                *
1                                        HEC-1 INPUT                                        PAGE 45

LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1654            KK   EPRK3
1655            KM   EAST BASIN, WEST OF TEE PEE LANE
1656            BA   .0031
1657            PB    2.77
1658            LS       0    69.0
1659            UD   0.125
                *

1660            KK    EC13
1661            KM   S OF OHARE/TEE PEE INTERSECTION
1662            KM   COMBINE EC12, EL3, EOHR2, EPRK3
1663            HC       4
                *

1664            KK     EL4
1665            KM   EAST BASIN, WEST OF TEE PEE LANE
1666            BA   .0335
1667            PB    2.77
1668            LS       0    87.0
1669            UD   0.142
                *

1670            KK     EL2
1671            KM   EAST BASIN, WEST OF FORT APACHE
1672            BA   .0338
1673            PB    2.77
1674            LS       0    87.0
1675            UD   0.119
                *

1676            KK   EOHR1
1677            KM   EAST BASIN, OHARE ROAD
1678            BA   .0028
1679            PB    2.77
1680            LS       0    98.0
1681            UD   0.052
                *

1682            KK    EC14
1683            KM   W OF OHARE/FORT APACHE INTERSECTION
1684            KM   COMBINE EC13, EL4, EL2, EOHR1
1685            HC       4
                *

1686            KK    EC15
1687            HC       2
                *

1688            KK   RFTLC
1689            KM   DIVERT FLOW SPLIT INTO O'HARE ROAD
1690            DT   OHARE
1691            DI       0      47    5000
1692            DQ       0      47      47
                *
1                                        HEC-1 INPUT                                        PAGE 46

LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1693            KK   EFA3
1694            KM   EAST BASIN, FORT APACHE ROAD
1695            BA   .0025
1696            PB    2.77
1697            LS       0    98.0
1698            UD   0.104
                *
```

```
1699          KK    EL5B
1700          KM   EAST BASIN, WEST OF TEE PEE LANE
1701          BA   .0132
1702          PB    2.77
1703          LS       0    87.0
1704          UD   0.120
              *

1705          KK    EC16
1706          KM   S OF OHARE/FORT APACHE INTERSECTION
1707          HC       3
              *

1708          KK  R2FTLC
1709          KM   DIVERT FLOW SPLIT INTO LOG CABIN WAY
1710          DT  LOGCAB
1711          DI       0     187    5000
1712          DQ       0     187     187
              *

1713          KK    EC18
1714          KM   N OF LOG CABIN/FORT APACHE INTERSECTION
1715          KM   COMBINE EC8, EC16
1716          HC       2
              *

1717          KK   EFA2
1718          KM   EAST BASIN, WEST OF TEE PEE LANE
1719          BA   .0017
1720          PB    2.77
1721          LS       0    98.0
1722          UD   0.089
              *

1723          KK    EAA2
1724          KM   EAST BASIN, WEST OF FORT APACHE ROAD
1725          BA   .2776
1726          PB    2.77
1727          LS       0    92.0
1728          UD   0.274
              *
```



```
LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

1729          KK    EC17
1730          KM   FAR N OF LOG CABIN/FORT APACHE INTERSECTION
1731          KM   COMBINE EFA2, EAA2, EC18
1732          HC       3
              *

1733          KK    OFFZ
1734          BA   .0521
1735          PB    2.77
1736          LS       0    87.0
1737          UD   0.138
              *

1738          KK   ESKV1
1739          KM   EAST BASIN, SKYE VILLAGE ROAD
1740          BA   .0018
1741          PB    2.77
1742          LS       0    98.0
1743          UD   0.109
              *

1744          KK    EC19
1745          HC       2
              *

1746          KK   EAA1A
1747          KM   EAST BASIN, WEST OF TEE PEE LANE
1748          BA   .1610
1749          PB    2.77
1750          LS       0    92.0
1751          UD   0.193
              *

1752          KK   ETP1A
1753          KM   EAST BASIN, TEE PEE LANE
1754          BA   .0046
1755          PB    2.77
1756          LS       0    98.0
1757          UD   0.117
              *

1758          KK    EC20
1759          KM   N OF MOCASSIN/TEE PEE INTERSECTION
```

```
1760          KM   COMBINE EC19, EAA1A, ETP1A
1761          HC       3
              *

1762          KK  FTAPN
1763          KM   DIVERSION TO MOCCASIN REGIONAL FACILITY LVMO
1764          DT  NATPRK
1765          DI       0     150    5000
1766          DQ       0     150     150
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1767          KK   EFA1
1768          KM   EAST BASIN, FORT APACHE
1769          BA   .0028
1770          PB    2.77
1771          LS       0    98.0
1772          UD   0.127
              *

1773          KK    EC21
1774          KM   MOCCASIN/FORT APACHE INTERSECTION
1775          KM   COMBINE EC17, EC20, EFA1
1776          HC       3
              *

1777          KK  NW102-C
1778          BA   0.200
1779          PB    2.77
1780          LS       0    94.7
1781          UD   0.295
              *

1782          KK    EC27
1783          KM   W OF MOCCASIN/EL CAPITAN INTERSECTION
1784          KM   COMBINE EC18, NW102-C
1785          HC       2
              *

1786          KK  NW130-W
1787          BA   0.156
1788          PB    2.77
1789          LS       0    82.0
1790          UD   0.314
              *

1791          KK    EC28
1792          KM   COMBINE EC27, NW130-W
1793          KM   DURANGO AND MOCCASIN
1794          HC       2
              *

1795          KK   95-7A
1796          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
1797          BA   .0069
1798          PB    2.77
1799          LS       0    94.7
1800          UD   0.073
              *

1801          KK   95-7B
1802          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
1803          BA   .0081
1804          PB    2.77
1805          LS       0    94.7
1806          UD   0.084
              *
```



```
LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

1807          KK   95-8A
1808          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
1809          BA   .0052
1810          PB    2.77
1811          LS       0    94.7
1812          UD   0.061
              *

1813          KK   95-8B
1814          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
1815          BA   .0031
1816          PB    2.77
1817          LS       0    94.7
1818          UD   0.050
```

```
                *

1819            KK  C95-8B
1820            KM   COMBINE 95-7A, 95-7B, 95-8A, 95-8B
1821            HC       4
                *

1822            KK   EML3B
1823            KM   EAST BASIN, WEST OF TEE PEE LANE
1824            BA   .0180
1825            PB    2.93
1826            LS       0    95.0
1827            UD   0.111
                *

1828            KK    ETP5
1829            KM   EAST BASIN, WEST OF TEE PEE LANE
1830            BA   .0014
1831            PB    2.93
1832            LS       0    98.0
1833            UD   0.068
                *

1834            KK    EC22
1835            KM   N OF BRENT/TEE PEE INTERSECTION
1836            KM   COMBINE C95-8B, EML3B, ETP5
1837            HC       3
                *

1838            KK   EBRT1
1839            KM   EAST BASIN, BRENT LANE
1840            BA   .0028
1841            PB    2.93
1842            LS       0    98.0
1843            UD   0.064
                *
```



```
LINE            ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


1844            KK     ES2
1845            KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
1846            BA   .0491
1847            PB    2.77
1848            LS       0    94.7
1849            UD   0.149
                *

1850            KK    EC23
1851            KM   N OF BRENT LANE/FORT APACHE INTERSECTION
1852            HC       3
                *

1853            KK   EMLA2
1854            KM   EAST BASIN, WEST OF FORT APACHE ROAD
1855            BA   .0261
1856            PB    2.93
1857            LS       0    95.0
1858            UD   0.090
                *

1859            KK   EFA6A
1860            KM   EAST BASIN, WEST OF TEE PEE LANE
1861            BA   .0039
1862            PB    2.93
1863            LS       0    98.0
1864            UD   0.057
                *

1865            KK    EC25
1866            KM   S OF BRENT/FORT APACHE INTERSECTION
1867            KM   COMBINE EMLA2, EFA6A, EC23
1868            HC       3
                *

1869            KK   SOUTH
1870            KM   FLOW SPLIT AT BRENT/FT. APACHE
1871            KM   DIVERT STORM DRAIN DESIGN FLOW 70 CFS SOUTH IN FORT APACHE
1872            DT   BRENT
1873            DI       0      70     500
1874            DQ       0       0     430
                *

1875            KK   EML3C
1876            KM   EAST BASIN, WEST OF FORT APACHE
1877            BA   .0142
1878            PB    2.93
1879            LS       0    95.0
```

```
        1880          UD   0.110
                      *
1                                                HEC-1 INPUT                                                PAGE 51

        LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


        1881          KK   EFA6B
        1882          KM   EAST BASIN, WEST OF FORT APACHE
        1883          BA   .0070
        1884          PB    2.93
        1885          LS       0    98.0
        1886          UD   0.050
                      *

        1887          KK   95-9B
        1888          KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
        1889          BA   .0133
        1890          PB    2.77
        1891          LS       0    92.6
        1892          UD   0.139
                      *

        1893          KK    EC24
        1894          KM   S OF US95/FORT APACHE INTERSECTION
        1895          HC       3
                      *

        1896          KK    EPF2
        1897          KM   EAST BASIN, WEST OF FORT APACHE
        1898          BA   .0015
        1899          PB    2.93
        1900          LS       0    84.0
        1901          UD   0.072
                      *

        1902          KK    EFA5
        1903          KM   EAST BASIN, WEST OF FORT APACHE
        1904          BA   .0017
        1905          PB    2.93
        1906          LS       0    98.0
        1907          UD   0.050
                      *

        1908          KK    EGC2
        1909          KM   EAST BASIN, WEST OF FORT APACHE
        1910          BA   .0050
        1911          PB    2.93
        1912          LS       0    95.0
        1913          UD   0.082
                      *

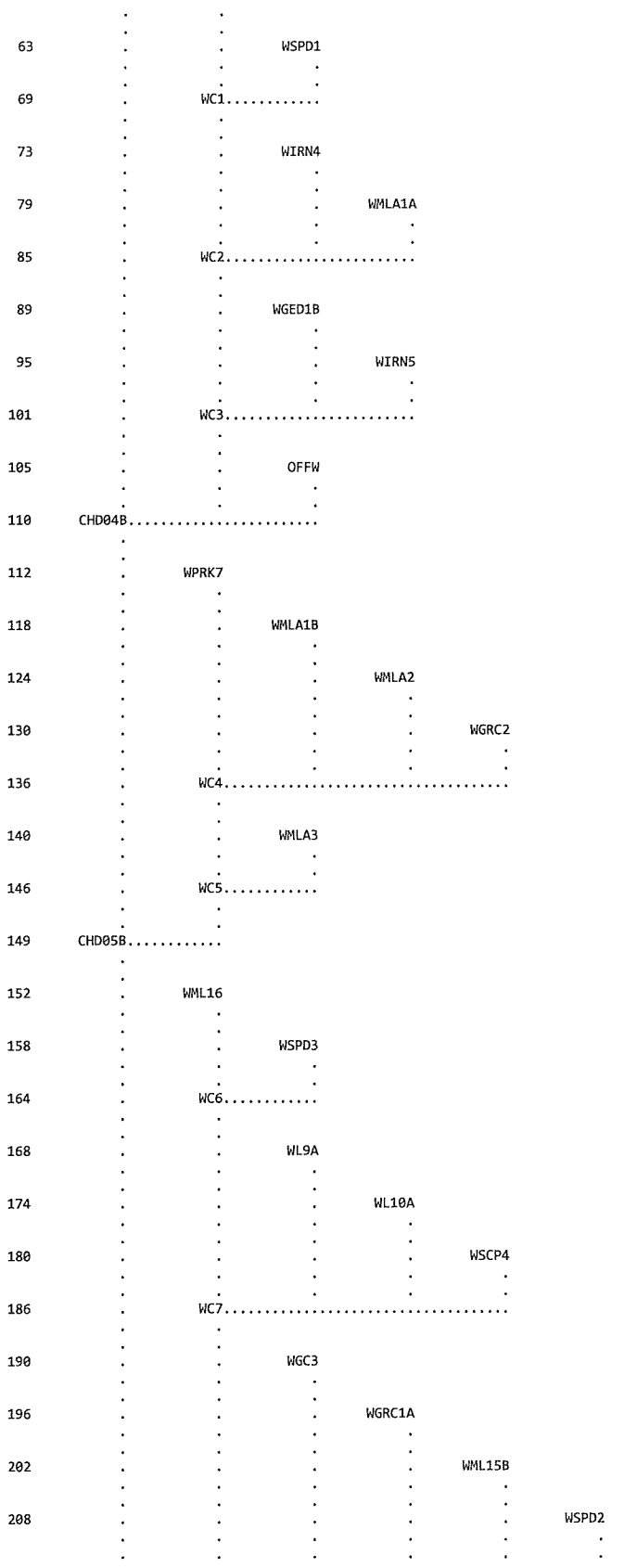
        1914          KK    EC26
        1915          KM   FAR S OF US95/FORT APACHE INTERSECTION
        1916          KM   COMBINE SOUTH, EPF2, EFA5, EGC2, EC24
        1917          HC       5
                      *
1                                                HEC-1 INPUT                                                PAGE 52

        LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10


        1918          KK   HORSE
        1919          KM   FLOW SPLIT AT HORSE/RACEL
        1920          KM   DIVERT NWNS 101 CFS SOUTH IN FORT APACHE/RACEL
        1921          DT   RACEL
        1922          DI       0     114    1000
        1923          DQ       0     114     114
                      *
        1924          ZZ
1
              SCHEMATIC DIAGRAM OF STREAM NETWORK
 INPUT
  LINE     (V) ROUTING          (--->) DIVERSION OR PUMP FLOW

   NO.     (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

    27      WUS95
                .
                .
    46          .-------> DCHD1B
    41     DHD01B
                .
                .
    54          .-------> DCHD2B
    49     DHD02B
                .
                .
    57          .      WML15A
```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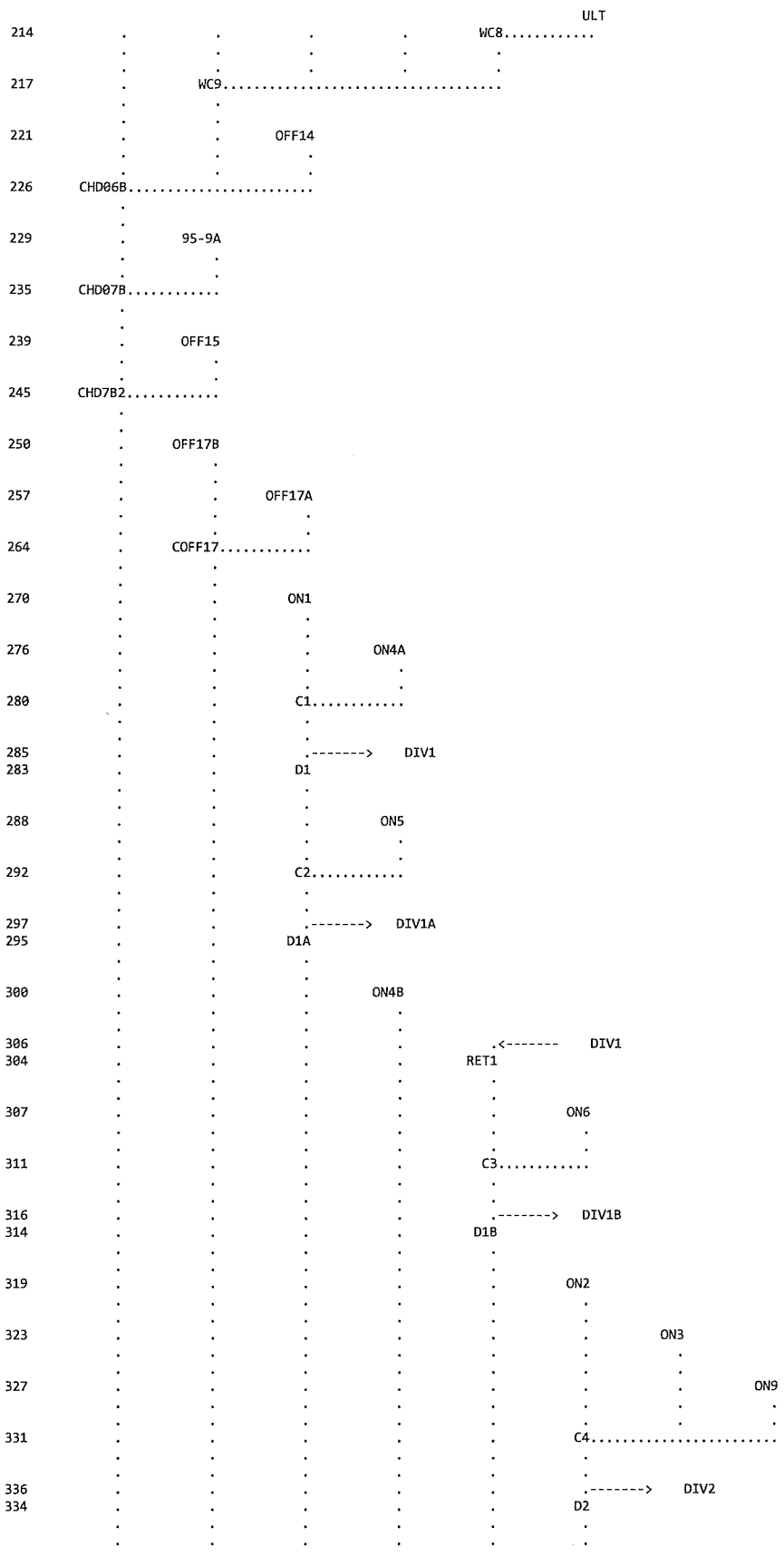
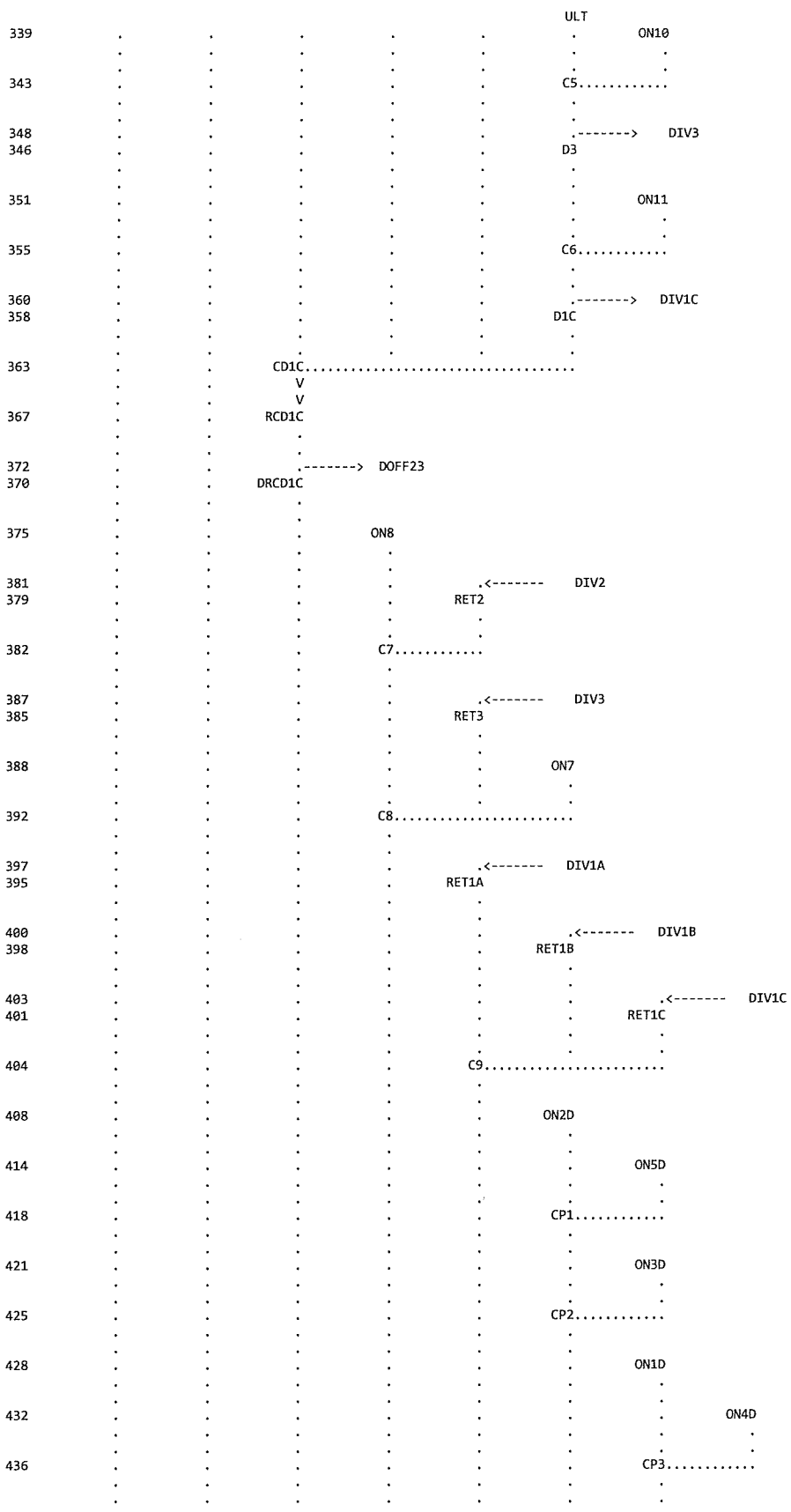
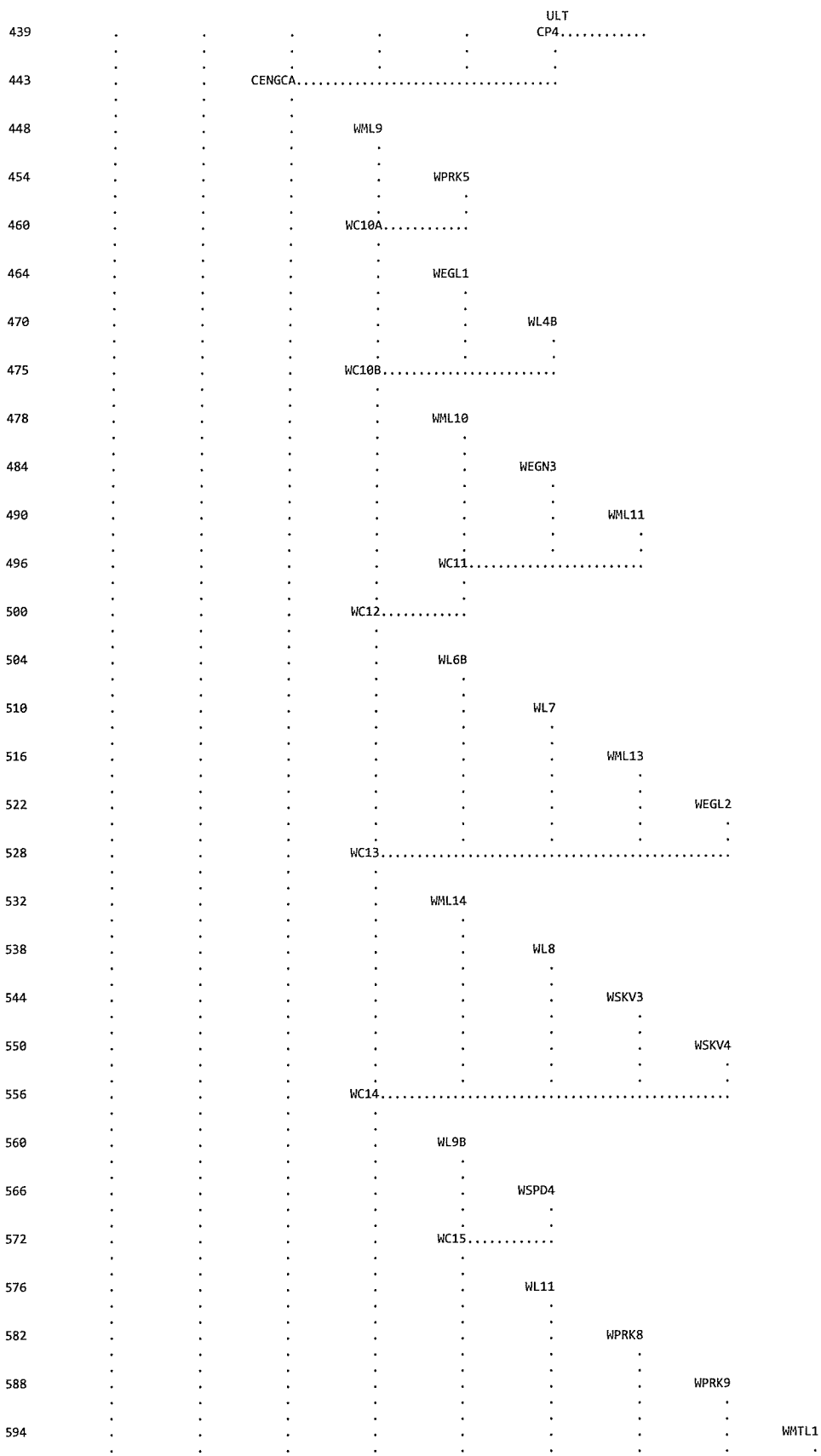
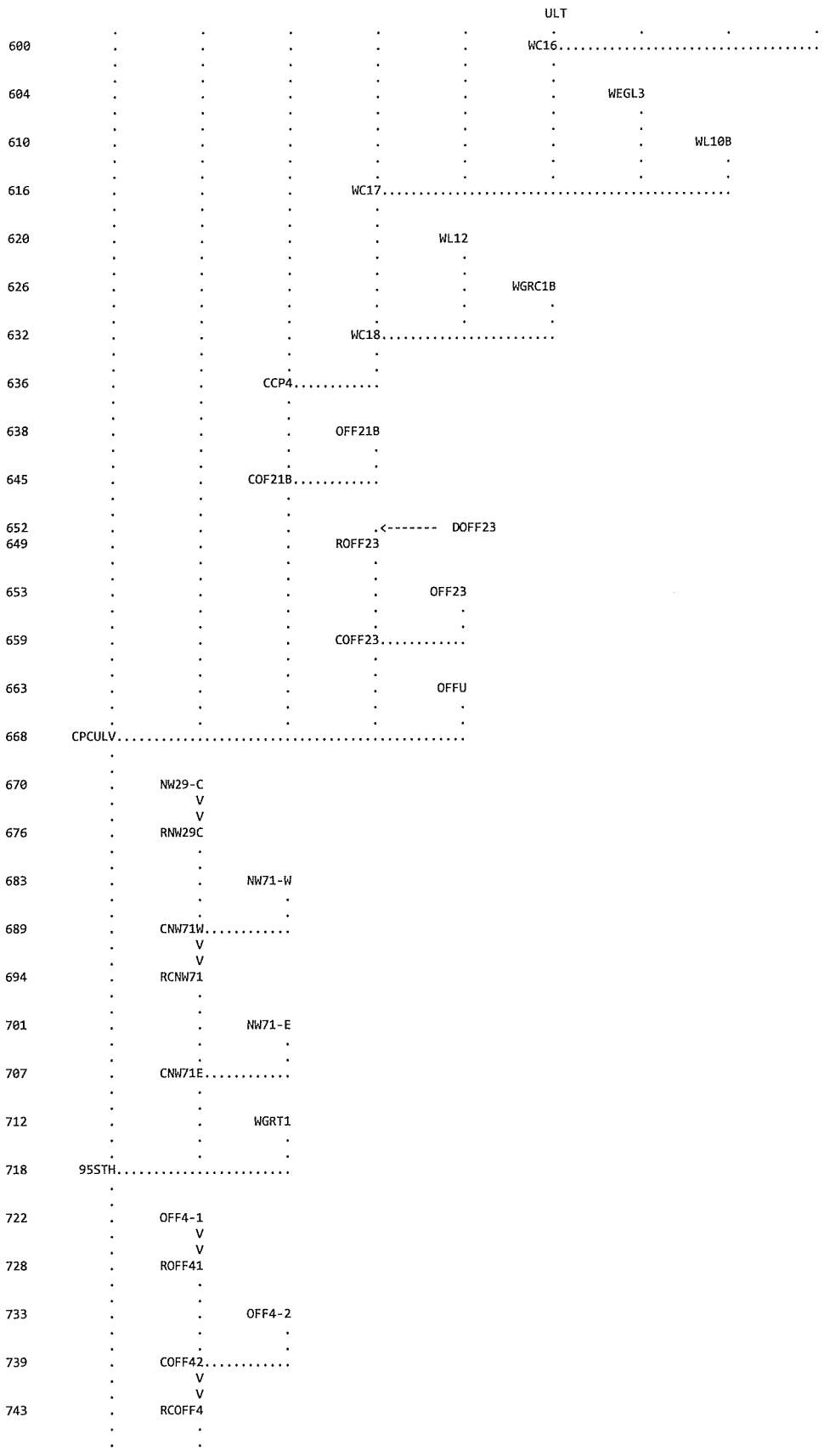
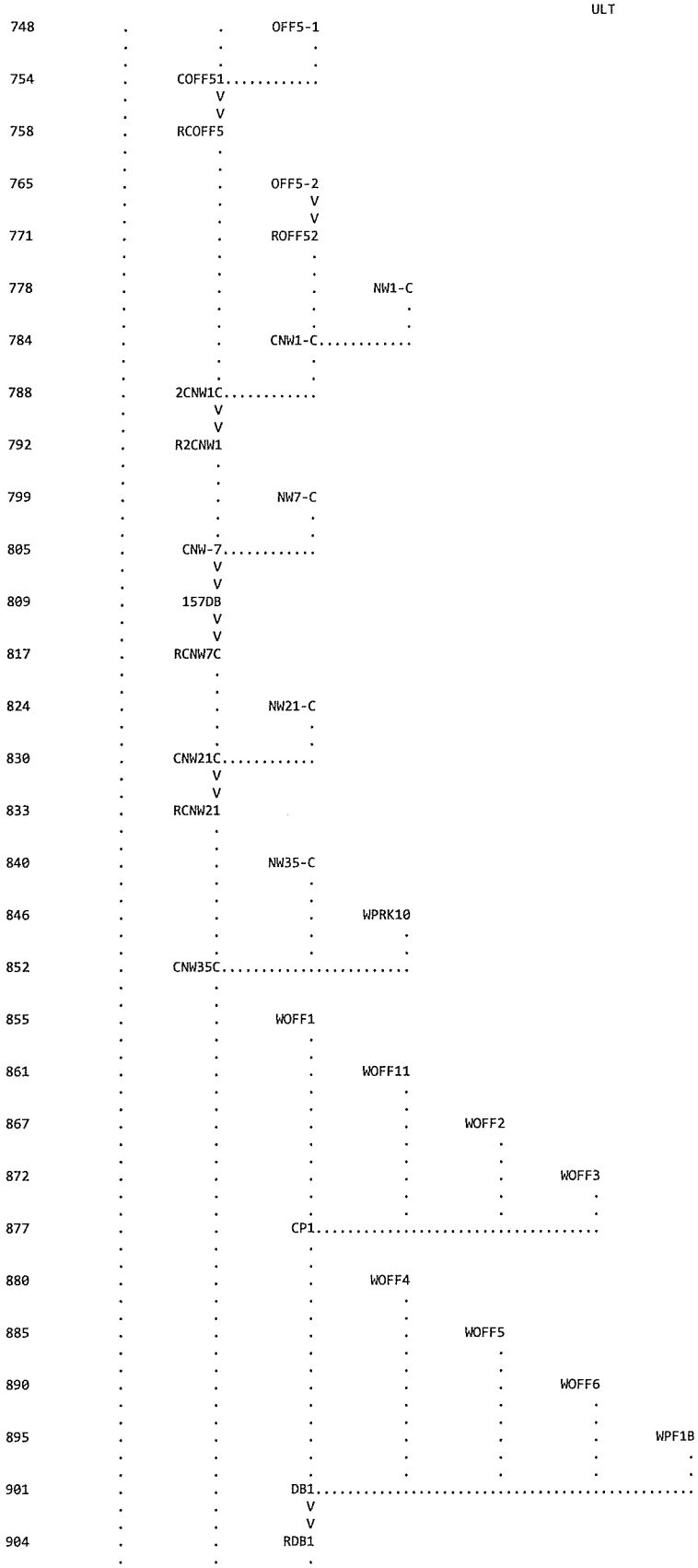
69 WC1
73 WIRN4
79 WMLA1A
85 WC2
89 WGED1B
95 WIRN5
101 WC3
105 OFFW
110 CHD04B
112 WPRK7
118 WMLA1B
124 WMLA2
130 WGRC2
136 WC4
140 WMLA3
146 WC5
149 CHD05B
152 WML16
158 WSPD3
164 WC6
168 WL9A
174 WL10A
180 WSCP4
186 WC7
190 WGC3
196 WGRC1A
202 WML15B
208 WSPD2

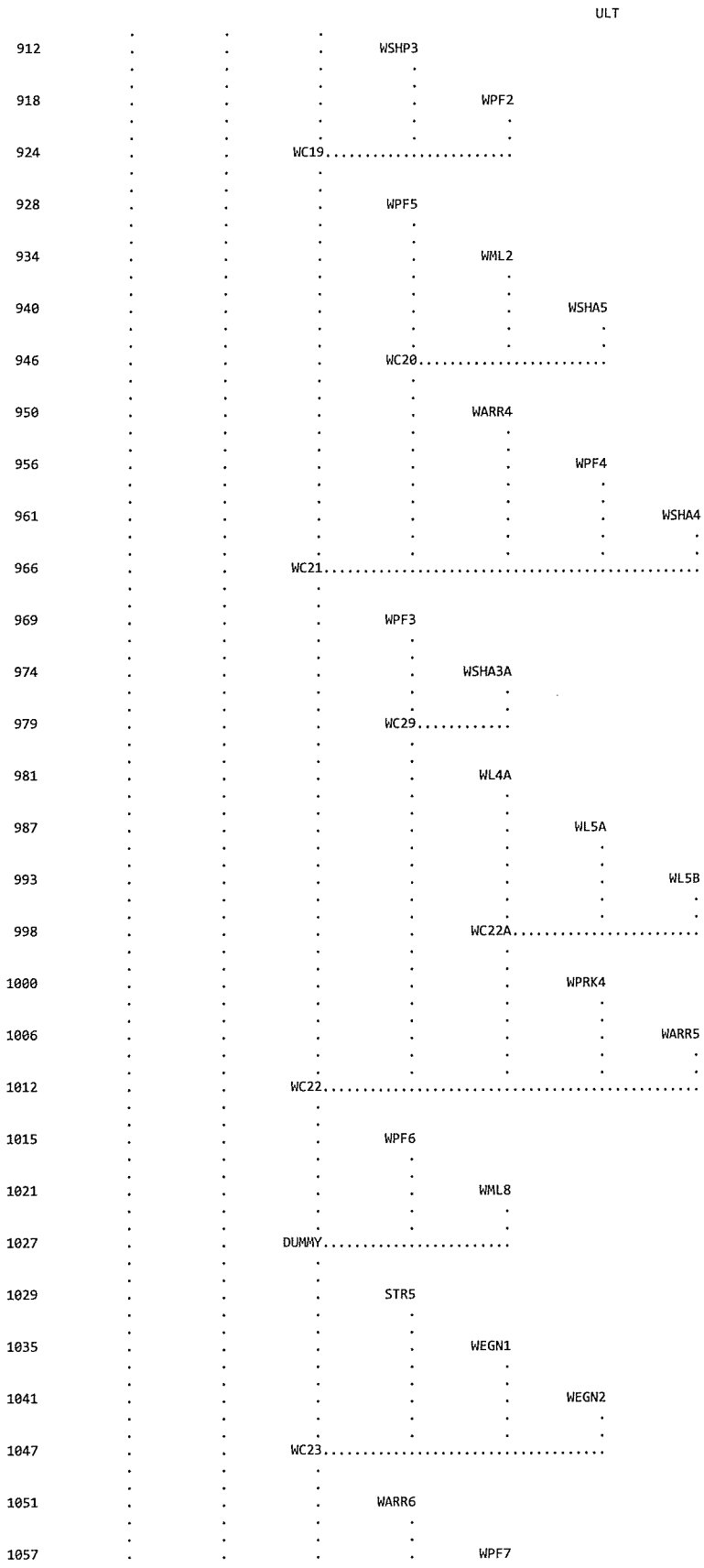

ULT
214 WC8
217 WC9
221 OFF14
226 CHD06B
229 95-9A
235 CHD07B
239 OFF15
245 CHD7B2
250 OFF17B
257 OFF17A
264 COFF17
270 ON1
276 ON4A
280 C1
285 DIV1
283 D1
288 ON5
292 C2
297 DIV1A
295 D1A
300 ON4B
306 DIV1
304 RET1
307 ON6
311 C3
316 DIV1B
314 D1B
319 ON2
323 ON3
327 ON9
331 C4
336 DIV2
334 D2

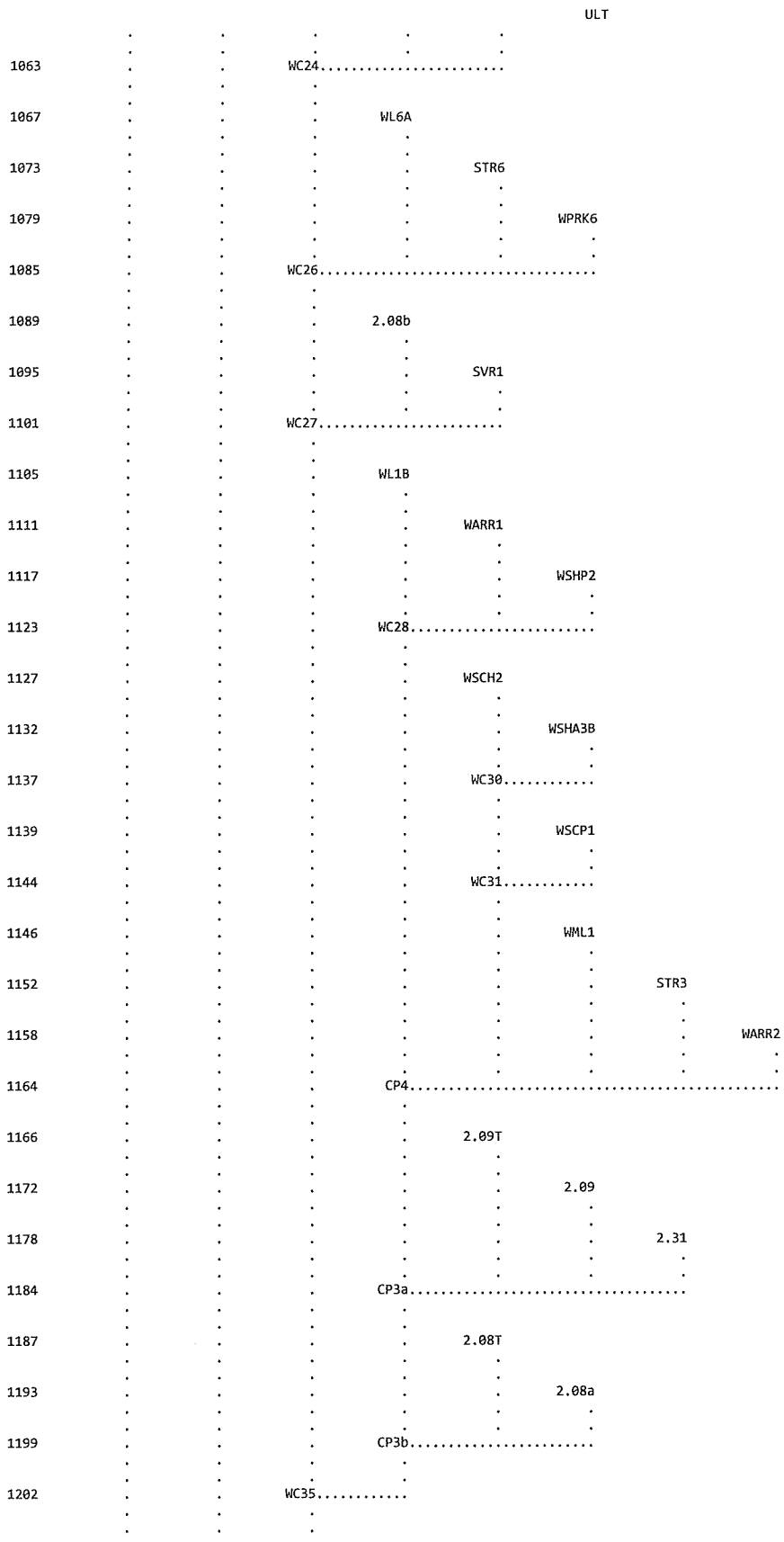

ULT
339 ON10
343 C5
348 .-------> DIV3
346 D3
351 ON11
355 C6
360 .-------> DIV1C
358 D1C
363 CD1C
367 RCD1C
372 .-------> DOFF23
370 DRCD1C
375 ON8
381 .<------- DIV2
379 RET2
382 C7
387 .<------- DIV3
385 RET3
388 ON7
392 C8
397 .<------- DIV1A
395 RET1A
400 .<------- DIV1B
398 RET1B
403 .<------- DIV1C
401 RET1C
404 C9
408 ON2D
414 ON5D
418 CP1
421 ON3D
425 CP2
428 ON1D
432 ON4D
436 CP3

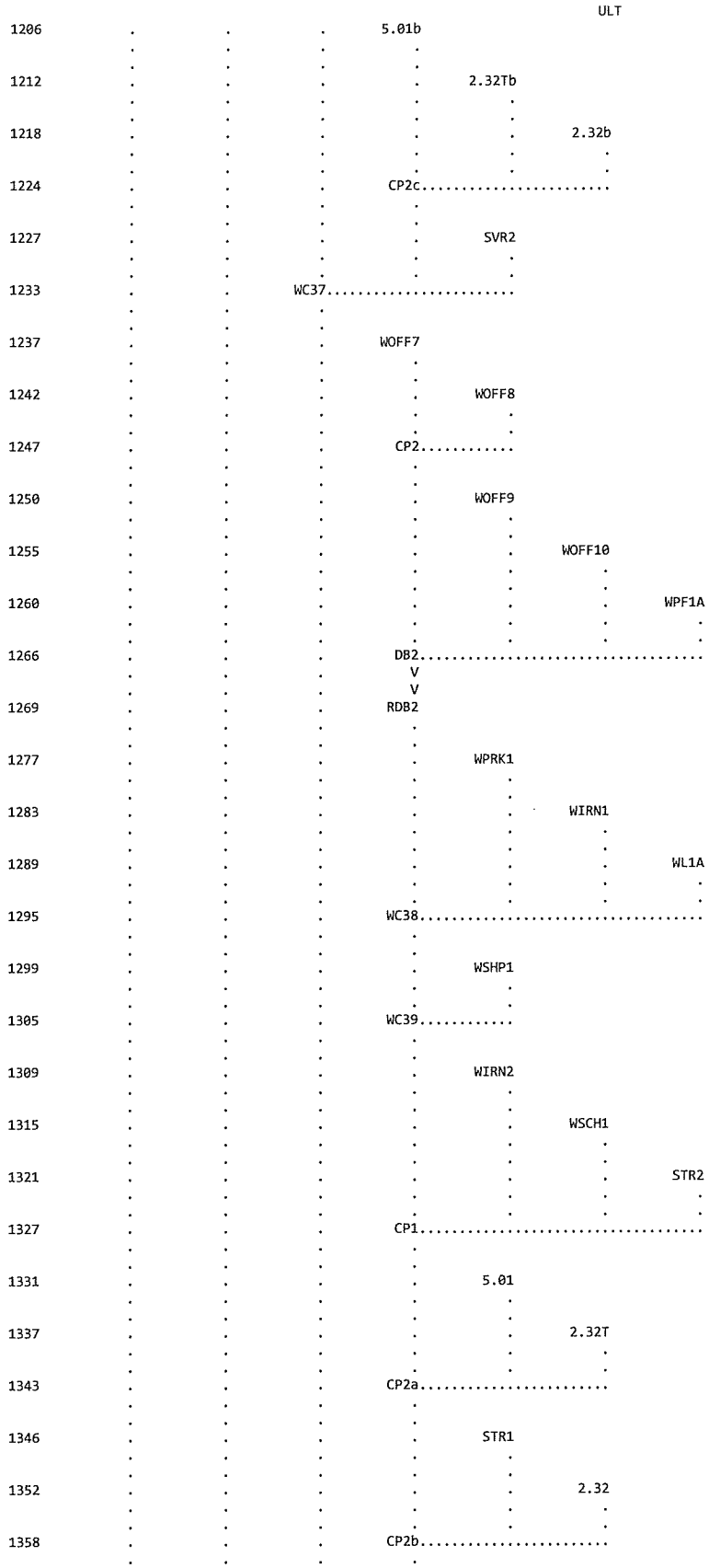

ULT
439 CP4
CENGCA 443
448 WML9
454 WPRK5
460 WC10A
464 WEGL1
470 WL4B
475 WC10B
478 WML10
484 WEGN3
490 WML11
496 WC11
500 WC12
504 WL6B
510 WL7
516 WML13
522 WEGL2
528 WC13
532 WML14
538 WL8
544 WSKV3
550 WSKV4
556 WC14
560 WL9B
566 WSPD4
572 WC15
576 WL11
582 WPRK8
588 WPRK9
594 WMTL1

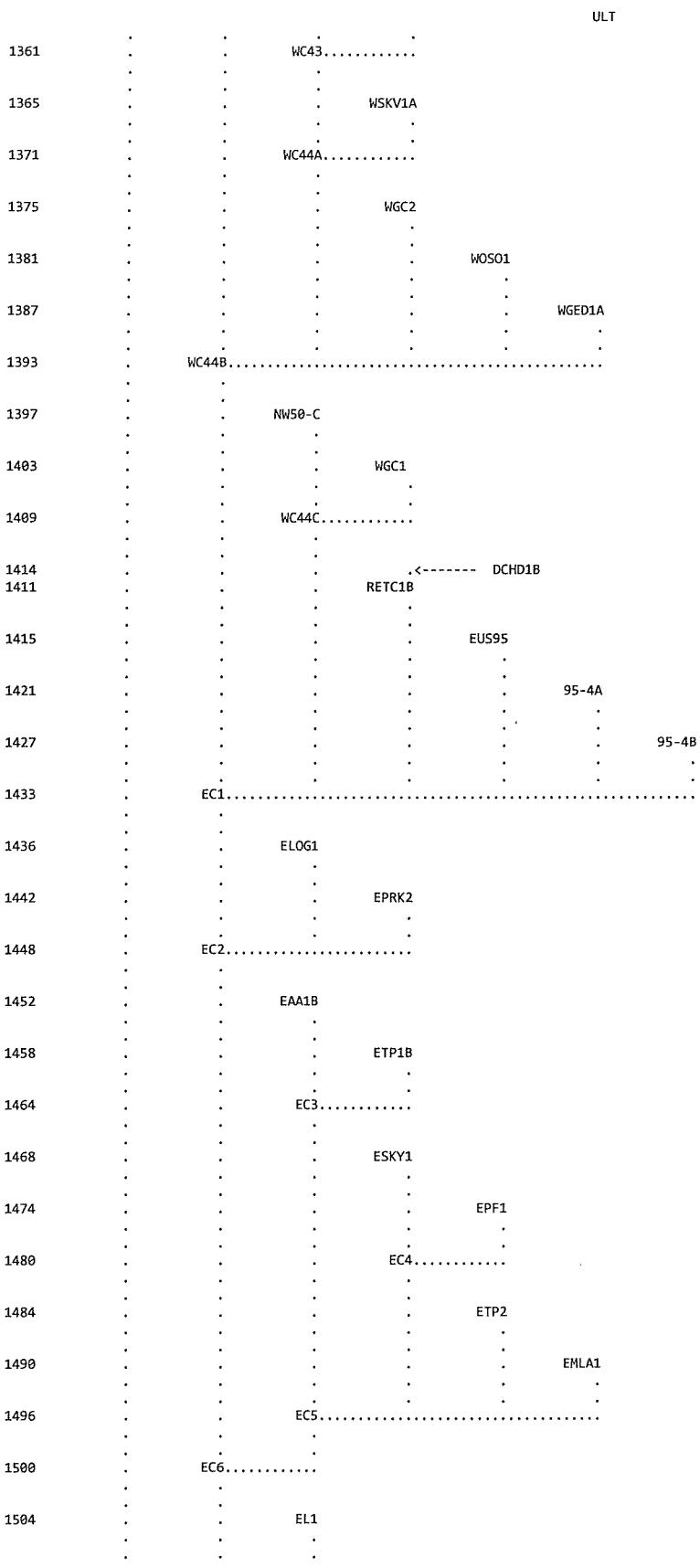

ULT
600
WC16
604
WEGL3
610
WL10B
616
WC17
620
WL12
626
WGRC1B
632
WC18
636
CCP4
638
OFF21B
645
COF21B
652
DOFF23
649
ROFF23
653
OFF23
659
COFF23
663
OFFU
668
CPCULV
670
NW29-C
676
RNW29C
683
NW71-W
689
CNW71W
694
RCNW71
701
NW71-E
707
CNW71E
712
WGRT1
718
95STH
722
OFF4-1
728
ROFF41
733
OFF4-2
739
COFF42
743
RCOFF4

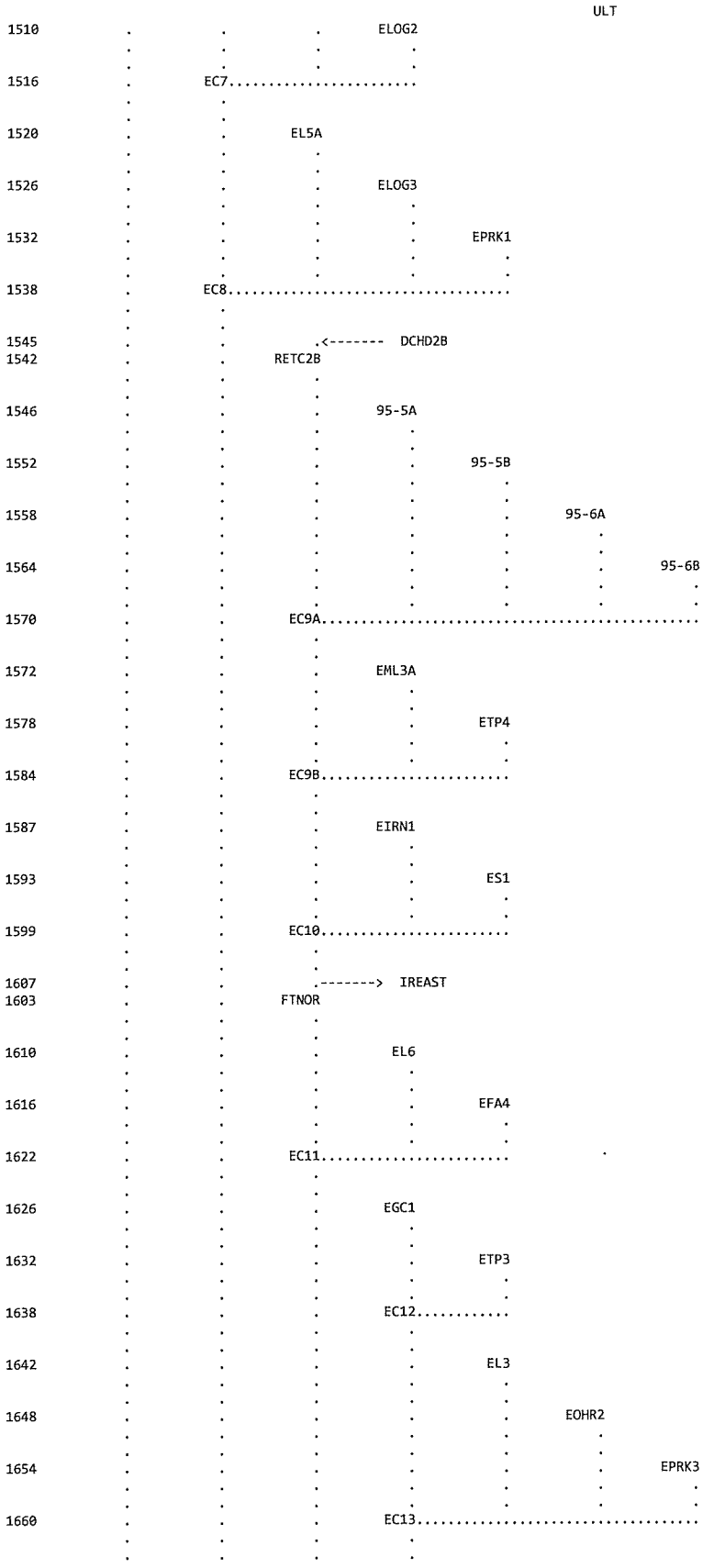

748
OFF5-1
754
COFF51
758
RCOFF5
765
OFF5-2
771
ROFF52
778
NW1-C
784
CNW1-C
788
2CNW1C
792
R2CNW1
799
NW7-C
805
CNW-7
809
157DB
817
RCNW7C
824
NW21-C
830
CNW21C
833
RCNW21
840
NW35-C
846
WPRK10
852
CNW35C
855
WOFF1
861
WOFF11
867
WOFF2
872
WOFF3
877
CP1
880
WOFF4
885
WOFF5
890
WOFF6
895
WPF1B
901
DB1
904
RDB1

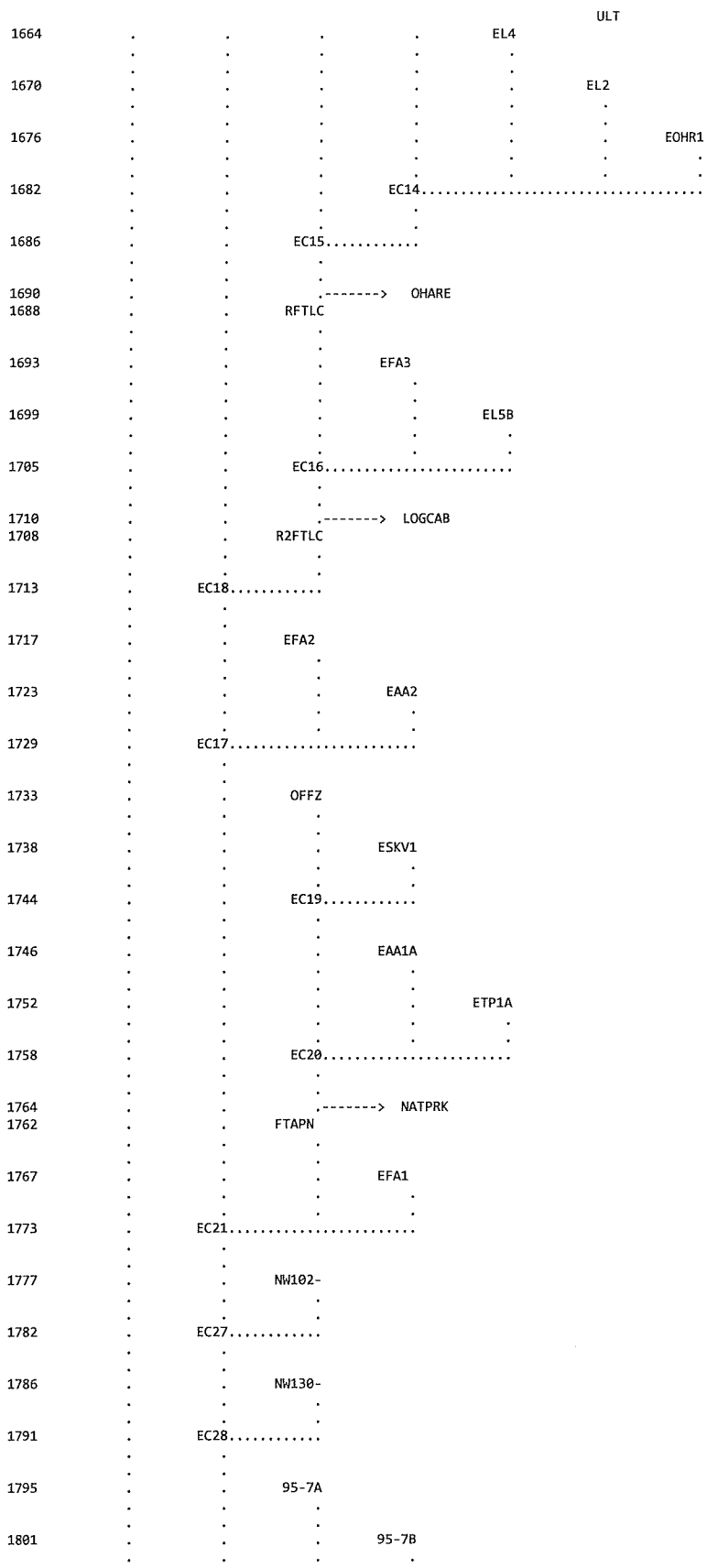

ULT
912
WSHP3
918
WPF2
924
WC19
928
WPF5
934
WML2
940
WSHA5
946
WC20
950
WARR4
956
WPF4
961
WSHA4
966
WC21
969
WPF3
974
WSHA3A
979
WC29
981
WL4A
987
WL5A
993
WL5B
998
WC22A
1000
WPRK4
1006
WARR5
1012
WC22
1015
WPF6
1021
WML8
1027
DUMMY
1029
STR5
1035
WEGN1
1041
WEGN2
1047
WC23
1051
WARR6
1057
WPF7

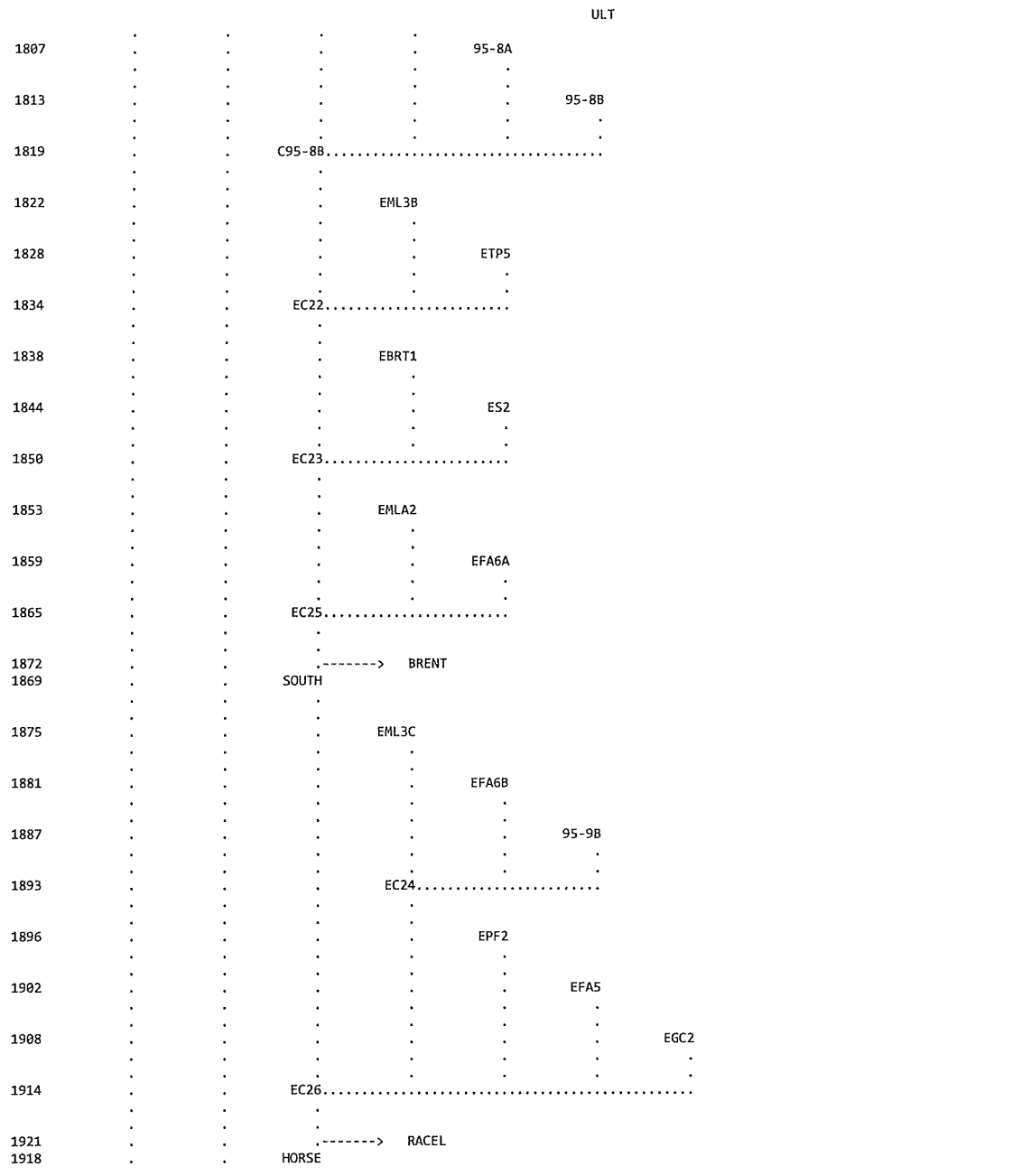

ULT
1063
WC24
1067
WL6A
1073
STR6
1079
WPRK6
1085
WC26
1089
2.08b
1095
SVR1
1101
WC27
1105
WL1B
1111
WARR1
1117
WSHP2
1123
WC28
1127
WSCH2
1132
WSHA3B
1137
WC30
1139
WSCP1
1144
WC31
1146
WML1
1152
STR3
1158
WARR2
1164
CP4
1166
2.09T
1172
2.09
1178
2.31
1184
CP3a
1187
2.08T
1193
2.08a
1199
CP3b
1202
WC35


ULT
1206
5.01b
1212
2.32Tb
1218
2.32b
1224
CP2c
1227
SVR2
1233
WC37
1237
WOFF7
1242
WOFF8
1247
CP2
1250
WOFF9
1255
WOFF10
1260
WPF1A
1266
DB2
1269
RDB2
1277
WPRK1
1283
WIRN1
1289
WL1A
1295
WC38
1299
WSHP1
1305
WC39
1309
WIRN2
1315
WSCH1
1321
STR2
1327
CP1
1331
5.01
1337
2.32T
1343
CP2a
1346
STR1
1352
2.32
1358
CP2b


ULT
1361
WC43
1365
WSKV1A
1371
WC44A
1375
WGC2
1381
WOSO1
1387
WGED1A
1393
WC44B
1397
NW50-C
1403
WGC1
1409
WC44C
1414
DCHD1B
1411
RETC1B
1415
EUS95
1421
95-4A
1427
95-4B
1433
EC1
1436
ELOG1
1442
EPRK2
1448
EC2
1452
EAA1B
1458
ETP1B
1464
EC3
1468
ESKY1
1474
EPF1
1480
EC4
1484
ETP2
1490
EMLA1
1496
EC5
1500
EC6
1504
EL1


ULT
1510 ELOG2
1516 EC7
1520 EL5A
1526 ELOG3
1532 EPRK1
1538 EC8
1545 <------- DCHD2B
1542 RETC2B
1546 95-5A
1552 95-5B
1558 95-6A
1564 95-6B
1570 EC9A
1572 EML3A
1578 ETP4
1584 EC9B
1587 EIRN1
1593 ES1
1599 EC10
1607 -------> IREAST
1603 FTNOR
1610 EL6
1616 EFA4
1622 EC11
1626 EGC1
1632 ETP3
1638 EC12
1642 EL3
1648 EOHR2
1654 EPRK3
1660 EC13


ULT
1664
EL4
1670
EL2
1676
EOHR1
1682
EC14
1686
EC15
1690
OHARE
1688
RFTLC
1693
EFA3
1699
EL5B
1705
EC16
1710
LOGCAB
1708
R2FTLC
1713
EC18
1717
EFA2
1723
EAA2
1729
EC17
1733
OFFZ
1738
ESKV1
1744
EC19
1746
EAA1A
1752
ETP1A
1758
EC20
1764
NATPRK
1762
FTAPN
1767
EFA1
1773
EC21
1777
NW102-
1782
EC27
1786
NW130-
1791
EC28
1795
95-7A
1801
95-7B



(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*              JUN  1998               *
*           VERSION 4.1                *
*                                      *
*  RUN DATE   22JAN18  TIME  17:47:37  *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
****************************************
```

SLATER HANIFAN GROUP
NINETY-FIVE MANAGEMENT, LLC.
SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
ULTIMATE DRAINAGE CONDITION - REVISED TO ROUTE REGIONAL FLOW TO MOCCASIN RD
INCLUDES FULL WATERSHED WITH AREA UPSTREAM OF DB1, DB2 AND 157DB

RETURN PERIOD ------- 100-YEAR
DISTRIBUTION -------- 6-HOUR SDN3
PROJECT NO. --------- OLY1609.000
FILENAME ------------ ULT3.H1
DATE ---------------- JANUARY 2018
MODELED BY ---------- SMJ, updated by LKL

SIX HOUR DEPTH-AREA REDUCTION FACTORS

DRAINAGE AREA (MI^2)	DARF
0.0-0.49	1.00
0.5-0.99	0.98
1.0-1.99	0.97
2.0-3.99	0.93
4.0-5.99	0.91
6.0-7.99	0.90

```
 24 IO          OUTPUT CONTROL VARIABLES
                      IPRNT          5  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE

    IT          HYDROGRAPH TIME DATA
                       NMIN          5  MINUTES IN COMPUTATION INTERVAL
                      IDATE      1    0  STARTING DATE
                      ITIME        0000  STARTING TIME
                         NQ        2000  NUMBER OF HYDROGRAPH ORDINATES
                      NDDATE      7    0  ENDING DATE
                      NDTIME       2235  ENDING TIME
                      ICENT          19  CENTURY MARK

                  COMPUTATION INTERVAL     .08 HOURS
                       TOTAL TIME BASE  166.58 HOURS

         ENGLISH UNITS
              DRAINAGE AREA         SQUARE MILES
              PRECIPITATION DEPTH   INCHES
              LENGTH, ELEVATION     FEET
              FLOW                  CUBIC FEET PER SECOND
              STORAGE VOLUME        ACRE-FEET
              SURFACE AREA          ACRES
              TEMPERATURE           DEGREES FAHRENHEIT

    JP          MULTI-PLAN OPTION
                      NPLAN          1  NUMBER OF PLANS

    JR          MULTI-RATIO OPTION
                    RATIOS OF PRECIPITATION
                   1.00       .98       .97       .93       .91       .90


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


           **************
           *            *
 809 KK    *     157DB  *
           *            *
           **************

 812 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE

              HYDROGRAPH ROUTING DATA

 811 RS          STORAGE ROUTING
                      NSTPS          1  NUMBER OF SUBREACHES
                       ITYP        VOL  TYPE OF INITIAL CONDITION
                      RSVRIC      -1.00  INITIAL CONDITION
                          X         .00 WORKING R AND D COEFFICIENT

 813 SV            STORAGE          .0      70.0     100.0

 814 SE          ELEVATION         .00      5.00      7.00

 815 SQ          DISCHARGE          0.      626.      885.     1084.     1252.     1399.

 816 SE          ELEVATION         .00      3.00      4.00      5.00      6.00      7.00

                                                      ***

                                      COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

           STORAGE        .00     42.00     56.00     70.00     85.00    100.00
           OUTFLOW        .00    626.00    885.00   1084.00   1252.00   1399.00
         ELEVATION        .00      3.00      4.00      5.00      6.00      7.00
```

HYDROGRAPH AT STATION 157DB
PLAN 1, RATIO = 1.00

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	.0	3		0735	668	0.	.0	.0	5		15101335		0.	.0	.0
1		0005	2	0.	.0	.0	3		0740	669	0.	.0	.0	5		15151336		0.	.0	.0
1		0010	3	0.	.0	.0	3		0745	670	0.	.0	.0	5		15201337		0.	.0	.0
1		0015	4	0.	.0	.0	3		0750	671	0.	.0	.0	5		15251338		0.	.0	.0
1		0020	5	0.	.0	.0	3		0755	672	0.	.0	.0	5		15301339		0.	.0	.0
1		0025	6	0.	.0	.0	3		0800	673	0.	.0	.0	5		15351340		0.	.0	.0
1		0030	7	0.	.0	.0	3		0805	674	0.	.0	.0	5		15401341		0.	.0	.0
1		0035	8	0.	.0	.0	3		0810	675	0.	.0	.0	5		15451342		0.	.0	.0
1		0040	9	0.	.0	.0	3		0815	676	0.	.0	.0	5		15501343		0.	.0	.0
1		0045	10	1.	.1	.0	3		0820	677	0.	.0	.0	5		15551344		0.	.0	.0
1		0050	11	2.	.1	.0	3		0825	678	0.	.0	.0	5		16001345		0.	.0	.0
1		0055	12	3.	.2	.0	3		0830	679	0.	.0	.0	5		16051346		0.	.0	.0
1		0100	13	3.	.2	.0	3		0835	680	0.	.0	.0	5		16101347		0.	.0	.0
1		0105	14	4.	.3	.0	3		0840	681	0.	.0	.0	5		16151348		0.	.0	.0
1		0110	15	4.	.3	.0	3		0845	682	0.	.0	.0	5		16201349		0.	.0	.0
1		0115	16	5.	.3	.0	3		0850	683	0.	.0	.0	5		16251350		0.	.0	.0
1		0120	17	5.	.4	.0	3		0855	684	0.	.0	.0	5		16301351		0.	.0	.0
1		0125	18	6.	.4	.0	3		0900	685	0.	.0	.0	5		16351352		0.	.0	.0
1		0130	19	7.	.5	.0	3		0905	686	0.	.0	.0	5		16401353		0.	.0	.0
1		0135	20	9.	.6	.0	3		0910	687	0.	.0	.0	5		16451354		0.	.0	.0
1		0140	21	12.	.8	.1	3		0915	688	0.	.0	.0	5		16501355		0.	.0	.0
1		0145	22	16.	1.1	.1	3		0920	689	0.	.0	.0	5		16551356		0.	.0	.0
1		0150	23	21.	1.4	.1	3		0925	690	0.	.0	.0	5		17001357		0.	.0	.0
1		0155	24	27.	1.8	.1	3		0930	691	0.	.0	.0	5		17051358		0.	.0	.0
1		0200	25	33.	2.2	.2	3		0935	692	0.	.0	.0	5		17101359		0.	.0	.0
1		0205	26	38.	2.5	.2	3		0940	693	0.	.0	.0	5		17151360		0.	.0	.0
1		0210	27	42.	2.8	.2	3		0945	694	0.	.0	.0	5		17201361		0.	.0	.0
1		0215	28	44.	3.0	.2	3		0950	695	0.	.0	.0	5		17251362		0.	.0	.0
1		0220	29	47.	3.1	.2	3		0955	696	0.	.0	.0	5		17301363		0.	.0	.0
1		0225	30	51.	3.4	.2	3		1000	697	0.	.0	.0	5		17351364		0.	.0	.0
1		0230	31	57.	3.8	.3	3		1005	698	0.	.0	.0	5		17401365		0.	.0	.0
1		0235	32	64.	4.3	.3	3		1010	699	0.	.0	.0	5		17451366		0.	.0	.0
1		0240	33	72.	4.9	.3	3		1015	700	0.	.0	.0	5		17501367		0.	.0	.0
1		0245	34	80.	5.3	.4	3		1020	701	0.	.0	.0	5		17551368		0.	.0	.0
1		0250	35	86.	5.8	.4	3		1025	702	0.	.0	.0	5		18001369		0.	.0	.0
1		0255	36	93.	6.3	.4	3		1030	703	0.	.0	.0	5		18051370		0.	.0	.0
1		0300	37	100.	6.7	.5	3		1035	704	0.	.0	.0	5		18101371		0.	.0	.0
1		0305	38	107.	7.2	.5	3		1040	705	0.	.0	.0	5		18151372		0.	.0	.0
1		0310	39	113.	7.6	.5	3		1045	706	0.	.0	.0	5		18201373		0.	.0	.0
1		0315	40	124.	8.3	.6	3		1050	707	0.	.0	.0	5		18251374		0.	.0	.0
1		0320	41	146.	9.8	.7	3		1055	708	0.	.0	.0	5		18301375		0.	.0	.0
1		0325	42	191.	12.8	.9	3		1100	709	0.	.0	.0	5		18351376		0.	.0	.0
1		0330	43	274.	18.4	1.3	3		1105	710	0.	.0	.0	5		18401377		0.	.0	.0
1		0335	44	403.	27.1	1.9	3		1110	711	0.	.0	.0	5		18451378		0.	.0	.0
1		0340	45	570.	38.2	2.7	3		1115	712	0.	.0	.0	5		18501379		0.	.0	.0
1		0345	46	777.	50.1	3.6	3		1120	713	0.	.0	.0	5		18551380		0.	.0	.0
1		0350	47	954.	60.8	4.3	3		1125	714	0.	.0	.0	5		19001381		0.	.0	.0
1		0355	48	1073.	69.2	4.9	3		1130	715	0.	.0	.0	5		19051382		0.	.0	.0
1		0400	49	1140.	75.0	5.3	3		1135	716	0.	.0	.0	5		19101383		0.	.0	.0
1		0405	50	1178.	78.4	5.6	3		1140	717	0.	.0	.0	5		19151384		0.	.0	.0
1		0410	51	1191.	79.6	5.6	3		1145	718	0.	.0	.0	5		19201385		0.	.0	.0
1		0415	52	1186.	79.1	5.6	3		1150	719	0.	.0	.0	5		19251386		0.	.0	.0
1		0420	53	1165.	77.2	5.5	3		1155	720	0.	.0	.0	5		19301387		0.	.0	.0
1		0425	54	1133.	74.4	5.3	3		1200	721	0.	.0	.0	5		19351388		0.	.0	.0
1		0430	55	1096.	71.0	5.1	3		1205	722	0.	.0	.0	5		19401389		0.	.0	.0
1		0435	56	1050.	67.6	4.8	3		1210	723	0.	.0	.0	5		19451390		0.	.0	.0
1		0440	57	1006.	64.5	4.6	3		1215	724	0.	.0	.0	5		19501391		0.	.0	.0
1		0445	58	968.	61.9	4.4	3		1220	725	0.	.0	.0	5		19551392		0.	.0	.0
1		0450	59	937.	59.6	4.3	3		1225	726	0.	.0	.0	5		20001393		0.	.0	.0
1		0455	60	909.	57.7	4.1	3		1230	727	0.	.0	.0	5		20051394		0.	.0	.0
1		0500	61	884.	55.9	4.0	3		1235	728	0.	.0	.0	5		20101395		0.	.0	.0
1		0505	62	853.	54.3	3.9	3		1240	729	0.	.0	.0	5		20151396		0.	.0	.0
1		0510	63	821.	52.5	3.8	3		1245	730	0.	.0	.0	5		20201397		0.	.0	.0
1		0515	64	784.	50.5	3.6	3		1250	731	0.	.0	.0	5		20251398		0.	.0	.0
1		0520	65	741.	48.2	3.4	3		1255	732	0.	.0	.0	5		20301399		0.	.0	.0
1		0525	66	694.	45.7	3.3	3		1300	733	0.	.0	.0	5		20351400		0.	.0	.0
1		0530	67	645.	43.0	3.1	3		1305	734	0.	.0	.0	5		20401401		0.	.0	.0
1		0535	68	601.	40.3	2.9	3		1310	735	0.	.0	.0	5		20451402		0.	.0	.0
1		0540	69	561.	37.6	2.7	3		1315	736	0.	.0	.0	5		20501403		0.	.0	.0
1		0545	70	521.	34.9	2.5	3		1320	737	0.	.0	.0	5		20551404		0.	.0	.0
1		0550	71	482.	32.3	2.3	3		1325	738	0.	.0	.0	5		21001405		0.	.0	.0
1		0555	72	445.	29.9	2.1	3		1330	739	0.	.0	.0	5		21051406		0.	.0	.0
1		0600	73	411.	27.6	2.0	3		1335	740	0.	.0	.0	5		21101407		0.	.0	.0
1		0605	74	379.	25.4	1.8	3		1340	741	0.	.0	.0	5		21151408		0.	.0	.0
1		0610	75	349.	23.4	1.7	3		1345	742	0.	.0	.0	5		21201409		0.	.0	.0
1		0615	76	321.	21.6	1.5	3		1350	743	0.	.0	.0	5		21251410		0.	.0	.0
1		0620	77	295.	19.8	1.4	3		1355	744	0.	.0	.0	5		21301411		0.	.0	.0
1		0625	78	270.	18.1	1.3	3		1400	745	0.	.0	.0	5		21351412		0.	.0	.0
1		0630	79	247.	16.6	1.2	3		1405	746	0.	.0	.0	5		21401413		0.	.0	.0

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1	0635	80	225.	15.1	1.1 *	3	1410	747	0.	.0	.0 *	5	21451414	0.	.0	.0
1	0640	81	205.	13.7	1.0 *	3	1415	748	0.	.0	.0 *	5	21501415	0.	.0	.0
1	0645	82	186.	12.5	.9 *	3	1420	749	0.	.0	.0 *	5	21551416	0.	.0	.0
1	0650	83	169.	11.3	.8 *	3	1425	750	0.	.0	.0 *	5	22001417	0.	.0	.0
1	0655	84	153.	10.3	.7 *	3	1430	751	0.	.0	.0 *	5	22051418	0.	.0	.0
1	0700	85	138.	9.3	.7 *	3	1435	752	0.	.0	.0 *	5	22101419	0.	.0	.0
1	0705	86	125.	8.4	.6 *	3	1440	753	0.	.0	.0 *	5	22151420	0.	.0	.0
1	0710	87	113.	7.6	.5 *	3	1445	754	0.	.0	.0 *	5	22201421	0.	.0	.0
1	0715	88	102.	6.9	.5 *	3	1450	755	0.	.0	.0 *	5	22251422	0.	.0	.0
1	0720	89	93.	6.2	.4 *	3	1455	756	0.	.0	.0 *	5	22301423	0.	.0	.0
1	0725	90	84.	5.6	.4 *	3	1500	757	0.	.0	.0 *	5	22351424	0.	.0	.0
1	0730	91	75.	5.1	.4 *	3	1505	758	0.	.0	.0 *	5	22401425	0.	.0	.0
1	0735	92	68.	4.6	.3 *	3	1510	759	0.	.0	.0 *	5	22451426	0.	.0	.0
1	0740	93	62.	4.1	.3 *	3	1515	760	0.	.0	.0 *	5	22501427	0.	.0	.0
1	0745	94	56.	3.7	.3 *	3	1520	761	0.	.0	.0 *	5	22551428	0.	.0	.0
1	0750	95	50.	3.4	.2 *	3	1525	762	0.	.0	.0 *	5	23001429	0.	.0	.0
1	0755	96	45.	3.0	.2 *	3	1530	763	0.	.0	.0 *	5	23051430	0.	.0	.0
1	0800	97	41.	2.7	.2 *	3	1535	764	0.	.0	.0 *	5	23101431	0.	.0	.0
1	0805	98	37.	2.5	.2 *	3	1540	765	0.	.0	.0 *	5	23151432	0.	.0	.0
1	0810	99	33.	2.2	.2 *	3	1545	766	0.	.0	.0 *	5	23201433	0.	.0	.0
1	0815	100	30.	2.0	.1 *	3	1550	767	0.	.0	.0 *	5	23251434	0.	.0	.0
1	0820	101	27.	1.8	.1 *	3	1555	768	0.	.0	.0 *	5	23301435	0.	.0	.0
1	0825	102	24.	1.6	.1 *	3	1600	769	0.	.0	.0 *	5	23351436	0.	.0	.0
1	0830	103	22.	1.5	.1 *	3	1605	770	0.	.0	.0 *	5	23401437	0.	.0	.0
1	0835	104	20.	1.3	.1 *	3	1610	771	0.	.0	.0 *	5	23451438	0.	.0	.0
1	0840	105	18.	1.2	.1 *	3	1615	772	0.	.0	.0 *	5	23501439	0.	.0	.0
1	0845	106	16.	1.1	.1 *	3	1620	773	0.	.0	.0 *	5	23551440	0.	.0	.0
1	0850	107	15.	1.0	.1 *	3	1625	774	0.	.0	.0 *	6	00001441	0.	.0	.0
1	0855	108	13.	.9	.1 *	3	1630	775	0.	.0	.0 *	6	00051442	0.	.0	.0
1	0900	109	12.	.8	.1 *	3	1635	776	0.	.0	.0 *	6	00101443	0.	.0	.0
1	0905	110	11.	.7	.1 *	3	1640	777	0.	.0	.0 *	6	00151444	0.	.0	.0
1	0910	111	10.	.7	.0 *	3	1645	778	0.	.0	.0 *	6	00201445	0.	.0	.0
1	0915	112	9.	.6	.0 *	3	1650	779	0.	.0	.0 *	6	00251446	0.	.0	.0
1	0920	113	8.	.5	.0 *	3	1655	780	0.	.0	.0 *	6	00301447	0.	.0	.0
1	0925	114	7.	.5	.0 *	3	1700	781	0.	.0	.0 *	6	00351448	0.	.0	.0
1	0930	115	6.	.4	.0 *	3	1705	782	0.	.0	.0 *	6	00401449	0.	.0	.0
1	0935	116	6.	.4	.0 *	3	1710	783	0.	.0	.0 *	6	00451450	0.	.0	.0
1	0940	117	5.	.4	.0 *	3	1715	784	0.	.0	.0 *	6	00501451	0.	.0	.0
1	0945	118	5.	.3	.0 *	3	1720	785	0.	.0	.0 *	6	00551452	0.	.0	.0
1	0950	119	4.	.3	.0 *	3	1725	786	0.	.0	.0 *	6	01001453	0.	.0	.0
1	0955	120	4.	.3	.0 *	3	1730	787	0.	.0	.0 *	6	01051454	0.	.0	.0
1	1000	121	3.	.2	.0 *	3	1735	788	0.	.0	.0 *	6	01101455	0.	.0	.0
1	1005	122	3.	.2	.0 *	3	1740	789	0.	.0	.0 *	6	01151456	0.	.0	.0
1	1010	123	3.	.2	.0 *	3	1745	790	0.	.0	.0 *	6	01201457	0.	.0	.0
1	1015	124	3.	.2	.0 *	3	1750	791	0.	.0	.0 *	6	01251458	0.	.0	.0
1	1020	125	2.	.2	.0 *	3	1755	792	0.	.0	.0 *	6	01301459	0.	.0	.0
1	1025	126	2.	.1	.0 *	3	1800	793	0.	.0	.0 *	6	01351460	0.	.0	.0
1	1030	127	2.	.1	.0 *	3	1805	794	0.	.0	.0 *	6	01401461	0.	.0	.0
1	1035	128	2.	.1	.0 *	3	1810	795	0.	.0	.0 *	6	01451462	0.	.0	.0
1	1040	129	2.	.1	.0 *	3	1815	796	0.	.0	.0 *	6	01501463	0.	.0	.0
1	1045	130	1.	.1	.0 *	3	1820	797	0.	.0	.0 *	6	01551464	0.	.0	.0
1	1050	131	1.	.1	.0 *	3	1825	798	0.	.0	.0 *	6	02001465	0.	.0	.0
1	1055	132	1.	.1	.0 *	3	1830	799	0.	.0	.0 *	6	02051466	0.	.0	.0
1	1100	133	1.	.1	.0 *	3	1835	800	0.	.0	.0 *	6	02101467	0.	.0	.0
1	1105	134	1.	.1	.0 *	3	1840	801	0.	.0	.0 *	6	02151468	0.	.0	.0
1	1110	135	1.	.1	.0 *	3	1845	802	0.	.0	.0 *	6	02201469	0.	.0	.0
1	1115	136	1.	.0	.0 *	3	1850	803	0.	.0	.0 *	6	02251470	0.	.0	.0
1	1120	137	1.	.0	.0 *	3	1855	804	0.	.0	.0 *	6	02301471	0.	.0	.0
1	1125	138	1.	.0	.0 *	3	1900	805	0.	.0	.0 *	6	02351472	0.	.0	.0
1	1130	139	1.	.0	.0 *	3	1905	806	0.	.0	.0 *	6	02401473	0.	.0	.0
1	1135	140	0.	.0	.0 *	3	1910	807	0.	.0	.0 *	6	02451474	0.	.0	.0
1	1140	141	0.	.0	.0 *	3	1915	808	0.	.0	.0 *	6	02501475	0.	.0	.0
1	1145	142	0.	.0	.0 *	3	1920	809	0.	.0	.0 *	6	02551476	0.	.0	.0
1	1150	143	0.	.0	.0 *	3	1925	810	0.	.0	.0 *	6	03001477	0.	.0	.0
1	1155	144	0.	.0	.0 *	3	1930	811	0.	.0	.0 *	6	03051478	0.	.0	.0
1	1200	145	0.	.0	.0 *	3	1935	812	0.	.0	.0 *	6	03101479	0.	.0	.0
1	1205	146	0.	.0	.0 *	3	1940	813	0.	.0	.0 *	6	03151480	0.	.0	.0
1	1210	147	0.	.0	.0 *	3	1945	814	0.	.0	.0 *	6	03201481	0.	.0	.0
1	1215	148	0.	.0	.0 *	3	1950	815	0.	.0	.0 *	6	03251482	0.	.0	.0
1	1220	149	0.	.0	.0 *	3	1955	816	0.	.0	.0 *	6	03301483	0.	.0	.0
1	1225	150	0.	.0	.0 *	3	2000	817	0.	.0	.0 *	6	03351484	0.	.0	.0
1	1230	151	0.	.0	.0 *	3	2005	818	0.	.0	.0 *	6	03401485	0.	.0	.0
1	1235	152	0.	.0	.0 *	3	2010	819	0.	.0	.0 *	6	03451486	0.	.0	.0
1	1240	153	0.	.0	.0 *	3	2015	820	0.	.0	.0 *	6	03501487	0.	.0	.0
1	1245	154	0.	.0	.0 *	3	2020	821	0.	.0	.0 *	6	03551488	0.	.0	.0
1	1250	155	0.	.0	.0 *	3	2025	822	0.	.0	.0 *	6	04001489	0.	.0	.0
1	1255	156	0.	.0	.0 *	3	2030	823	0.	.0	.0 *	6	04051490	0.	.0	.0
1	1300	157	0.	.0	.0 *	3	2035	824	0.	.0	.0 *	6	04101491	0.	.0	.0
1	1305	158	0.	.0	.0 *	3	2040	825	0.	.0	.0 *	6	04151492	0.	.0	.0
1	1310	159	0.	.0	.0 *	3	2045	826	0.	.0	.0 *	6	04201493	0.	.0	.0
1	1315	160	0.	.0	.0 *	3	2050	827	0.	.0	.0 *	6	04251494	0.	.0	.0
1	1320	161	0.	.0	.0 *	3	2055	828	0.	.0	.0 *	6	04301495	0.	.0	.0
1	1325	162	0.	.0	.0 *	3	2100	829	0.	.0	.0 *	6	04351496	0.	.0	.0
1	1330	163	0.	.0	.0 *	3	2105	830	0.	.0	.0 *	6	04401497	0.	.0	.0
1	1335	164	0.	.0	.0 *	3	2110	831	0.	.0	.0 *	6	04451498	0.	.0	.0
1	1340	165	0.	.0	.0 *	3	2115	832	0.	.0	.0 *	6	04501499	0.	.0	.0
1	1345	166	0.	.0	.0 *	3	2120	833	0.	.0	.0 *	6	04551500	0.	.0	.0
1	1350	167	0.	.0	.0 *	3	2125	834	0.	.0	.0 *	6	05001501	0.	.0	.0
1	1355	168	0.	.0	.0 *	3	2130	835	0.	.0	.0 *	6	05051502	0.	.0	.0

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1	1400	169	0.	.0	.0 *	3	2135	836	0.	.0	.0 *	6	05101503	0.	.0	.0
1	1405	170	0.	.0	.0 *	3	2140	837	0.	.0	.0 *	6	05151504	0.	.0	.0
1	1410	171	0.	.0	.0 *	3	2145	838	0.	.0	.0 *	6	05201505	0.	.0	.0
1	1415	172	0.	.0	.0 *	3	2150	839	0.	.0	.0 *	6	05251506	0.	.0	.0
1	1420	173	0.	.0	.0 *	3	2155	840	0.	.0	.0 *	6	05301507	0.	.0	.0
1	1425	174	0.	.0	.0 *	3	2200	841	0.	.0	.0 *	6	05351508	0.	.0	.0
1	1430	175	0.	.0	.0 *	3	2205	842	0.	.0	.0 *	6	05401509	0.	.0	.0
1	1435	176	0.	.0	.0 *	3	2210	843	0.	.0	.0 *	6	05451510	0.	.0	.0
1	1440	177	0.	.0	.0 *	3	2215	844	0.	.0	.0 *	6	05501511	0.	.0	.0
1	1445	178	0.	.0	.0 *	3	2220	845	0.	.0	.0 *	6	05551512	0.	.0	.0
1	1450	179	0.	.0	.0 *	3	2225	846	0.	.0	.0 *	6	06001513	0.	.0	.0
1	1455	180	0.	.0	.0 *	3	2230	847	0.	.0	.0 *	6	06051514	0.	.0	.0
1	1500	181	0.	.0	.0 *	3	2235	848	0.	.0	.0 *	6	06101515	0.	.0	.0
1	1505	182	0.	.0	.0 *	3	2240	849	0.	.0	.0 *	6	06151516	0.	.0	.0
1	1510	183	0.	.0	.0 *	3	2245	850	0.	.0	.0 *	6	06201517	0.	.0	.0
1	1515	184	0.	.0	.0 *	3	2250	851	0.	.0	.0 *	6	06251518	0.	.0	.0
1	1520	185	0.	.0	.0 *	3	2255	852	0.	.0	.0 *	6	06301519	0.	.0	.0
1	1525	186	0.	.0	.0 *	3	2300	853	0.	.0	.0 *	6	06351520	0.	.0	.0
1	1530	187	0.	.0	.0 *	3	2305	854	0.	.0	.0 *	6	06401521	0.	.0	.0
1	1535	188	0.	.0	.0 *	3	2310	855	0.	.0	.0 *	6	06451522	0.	.0	.0
1	1540	189	0.	.0	.0 *	3	2315	856	0.	.0	.0 *	6	06501523	0.	.0	.0
1	1545	190	0.	.0	.0 *	3	2320	857	0.	.0	.0 *	6	06551524	0.	.0	.0
1	1550	191	0.	.0	.0 *	3	2325	858	0.	.0	.0 *	6	07001525	0.	.0	.0
1	1555	192	0.	.0	.0 *	3	2330	859	0.	.0	.0 *	6	07051526	0.	.0	.0
1	1600	193	0.	.0	.0 *	3	2335	860	0.	.0	.0 *	6	07101527	0.	.0	.0
1	1605	194	0.	.0	.0 *	3	2340	861	0.	.0	.0 *	6	07151528	0.	.0	.0
1	1610	195	0.	.0	.0 *	3	2345	862	0.	.0	.0 *	6	07201529	0.	.0	.0
1	1615	196	0.	.0	.0 *	3	2350	863	0.	.0	.0 *	6	07251530	0.	.0	.0
1	1620	197	0.	.0	.0 *	3	2355	864	0.	.0	.0 *	6	07301531	0.	.0	.0
1	1625	198	0.	.0	.0 *	4	0000	865	0.	.0	.0 *	6	07351532	0.	.0	.0
1	1630	199	0.	.0	.0 *	4	0005	866	0.	.0	.0 *	6	07401533	0.	.0	.0
1	1635	200	0.	.0	.0 *	4	0010	867	0.	.0	.0 *	6	07451534	0.	.0	.0
1	1640	201	0.	.0	.0 *	4	0015	868	0.	.0	.0 *	6	07501535	0.	.0	.0
1	1645	202	0.	.0	.0 *	4	0020	869	0.	.0	.0 *	6	07551536	0.	.0	.0
1	1650	203	0.	.0	.0 *	4	0025	870	0.	.0	.0 *	6	08001537	0.	.0	.0
1	1655	204	0.	.0	.0 *	4	0030	871	0.	.0	.0 *	6	08051538	0.	.0	.0
1	1700	205	0.	.0	.0 *	4	0035	872	0.	.0	.0 *	6	08101539	0.	.0	.0
1	1705	206	0.	.0	.0 *	4	0040	873	0.	.0	.0 *	6	08151540	0.	.0	.0
1	1710	207	0.	.0	.0 *	4	0045	874	0.	.0	.0 *	6	08201541	0.	.0	.0
1	1715	208	0.	.0	.0 *	4	0050	875	0.	.0	.0 *	6	08251542	0.	.0	.0
1	1720	209	0.	.0	.0 *	4	0055	876	0.	.0	.0 *	6	08301543	0.	.0	.0
1	1725	210	0.	.0	.0 *	4	0100	877	0.	.0	.0 *	6	08351544	0.	.0	.0
1	1730	211	0.	.0	.0 *	4	0105	878	0.	.0	.0 *	6	08401545	0.	.0	.0
1	1735	212	0.	.0	.0 *	4	0110	879	0.	.0	.0 *	6	08451546	0.	.0	.0
1	1740	213	0.	.0	.0 *	4	0115	880	0.	.0	.0 *	6	08501547	0.	.0	.0
1	1745	214	0.	.0	.0 *	4	0120	881	0.	.0	.0 *	6	08551548	0.	.0	.0
1	1750	215	0.	.0	.0 *	4	0125	882	0.	.0	.0 *	6	09001549	0.	.0	.0
1	1755	216	0.	.0	.0 *	4	0130	883	0.	.0	.0 *	6	09051550	0.	.0	.0
1	1800	217	0.	.0	.0 *	4	0135	884	0.	.0	.0 *	6	09101551	0.	.0	.0
1	1805	218	0.	.0	.0 *	4	0140	885	0.	.0	.0 *	6	09151552	0.	.0	.0
1	1810	219	0.	.0	.0 *	4	0145	886	0.	.0	.0 *	6	09201553	0.	.0	.0
1	1815	220	0.	.0	.0 *	4	0150	887	0.	.0	.0 *	6	09251554	0.	.0	.0
1	1820	221	0.	.0	.0 *	4	0155	888	0.	.0	.0 *	6	09301555	0.	.0	.0
1	1825	222	0.	.0	.0 *	4	0200	889	0.	.0	.0 *	6	09351556	0.	.0	.0
1	1830	223	0.	.0	.0 *	4	0205	890	0.	.0	.0 *	6	09401557	0.	.0	.0
1	1835	224	0.	.0	.0 *	4	0210	891	0.	.0	.0 *	6	09451558	0.	.0	.0
1	1840	225	0.	.0	.0 *	4	0215	892	0.	.0	.0 *	6	09501559	0.	.0	.0
1	1845	226	0.	.0	.0 *	4	0220	893	0.	.0	.0 *	6	09551560	0.	.0	.0
1	1850	227	0.	.0	.0 *	4	0225	894	0.	.0	.0 *	6	10001561	0.	.0	.0
1	1855	228	0.	.0	.0 *	4	0230	895	0.	.0	.0 *	6	10051562	0.	.0	.0
1	1900	229	0.	.0	.0 *	4	0235	896	0.	.0	.0 *	6	10101563	0.	.0	.0
1	1905	230	0.	.0	.0 *	4	0240	897	0.	.0	.0 *	6	10151564	0.	.0	.0
1	1910	231	0.	.0	.0 *	4	0245	898	0.	.0	.0 *	6	10201565	0.	.0	.0
1	1915	232	0.	.0	.0 *	4	0250	899	0.	.0	.0 *	6	10251566	0.	.0	.0
1	1920	233	0.	.0	.0 *	4	0255	900	0.	.0	.0 *	6	10301567	0.	.0	.0
1	1925	234	0.	.0	.0 *	4	0300	901	0.	.0	.0 *	6	10351568	0.	.0	.0
1	1930	235	0.	.0	.0 *	4	0305	902	0.	.0	.0 *	6	10401569	0.	.0	.0
1	1935	236	0.	.0	.0 *	4	0310	903	0.	.0	.0 *	6	10451570	0.	.0	.0
1	1940	237	0.	.0	.0 *	4	0315	904	0.	.0	.0 *	6	10501571	0.	.0	.0
1	1945	238	0.	.0	.0 *	4	0320	905	0.	.0	.0 *	6	10551572	0.	.0	.0
1	1950	239	0.	.0	.0 *	4	0325	906	0.	.0	.0 *	6	11001573	0.	.0	.0
1	1955	240	0.	.0	.0 *	4	0330	907	0.	.0	.0 *	6	11051574	0.	.0	.0
1	2000	241	0.	.0	.0 *	4	0335	908	0.	.0	.0 *	6	11101575	0.	.0	.0
1	2005	242	0.	.0	.0 *	4	0340	909	0.	.0	.0 *	6	11151576	0.	.0	.0
1	2010	243	0.	.0	.0 *	4	0345	910	0.	.0	.0 *	6	11201577	0.	.0	.0
1	2015	244	0.	.0	.0 *	4	0350	911	0.	.0	.0 *	6	11251578	0.	.0	.0
1	2020	245	0.	.0	.0 *	4	0355	912	0.	.0	.0 *	6	11301579	0.	.0	.0
1	2025	246	0.	.0	.0 *	4	0400	913	0.	.0	.0 *	6	11351580	0.	.0	.0
1	2030	247	0.	.0	.0 *	4	0405	914	0.	.0	.0 *	6	11401581	0.	.0	.0
1	2035	248	0.	.0	.0 *	4	0410	915	0.	.0	.0 *	6	11451582	0.	.0	.0
1	2040	249	0.	.0	.0 *	4	0415	916	0.	.0	.0 *	6	11501583	0.	.0	.0
1	2045	250	0.	.0	.0 *	4	0420	917	0.	.0	.0 *	6	11551584	0.	.0	.0
1	2050	251	0.	.0	.0 *	4	0425	918	0.	.0	.0 *	6	12001585	0.	.0	.0
1	2055	252	0.	.0	.0 *	4	0430	919	0.	.0	.0 *	6	12051586	0.	.0	.0
1	2100	253	0.	.0	.0 *	4	0435	920	0.	.0	.0 *	6	12101587	0.	.0	.0
1	2105	254	0.	.0	.0 *	4	0440	921	0.	.0	.0 *	6	12151588	0.	.0	.0
1	2110	255	0.	.0	.0 *	4	0445	922	0.	.0	.0 *	6	12201589	0.	.0	.0
1	2115	256	0.	.0	.0 *	4	0450	923	0.	.0	.0 *	6	12251590	0.	.0	.0
1	2120	257	0.	.0	.0 *	4	0455	924	0.	.0	.0 *	6	12301591	0.	.0	.0

									ULT					
1	2125 258	0.	.0	.0 * 4	0500 925	0.	.0	.0 * 6	12351592	0.	.0	.0		
1	2130 259	0.	.0	.0 * 4	0505 926	0.	.0	.0 * 6	12401593	0.	.0	.0		
1	2135 260	0.	.0	.0 * 4	0510 927	0.	.0	.0 * 6	12451594	0.	.0	.0		
1	2140 261	0.	.0	.0 * 4	0515 928	0.	.0	.0 * 6	12501595	0.	.0	.0		
1	2145 262	0.	.0	.0 * 4	0520 929	0.	.0	.0 * 6	12551596	0.	.0	.0		
1	2150 263	0.	.0	.0 * 4	0525 930	0.	.0	.0 * 6	13001597	0.	.0	.0		
1	2155 264	0.	.0	.0 * 4	0530 931	0.	.0	.0 * 6	13051598	0.	.0	.0		
1	2200 265	0.	.0	.0 * 4	0535 932	0.	.0	.0 * 6	13101599	0.	.0	.0		
1	2205 266	0.	.0	.0 * 4	0540 933	0.	.0	.0 * 6	13151600	0.	.0	.0		
1	2210 267	0.	.0	.0 * 4	0545 934	0.	.0	.0 * 6	13201601	0.	.0	.0		
1	2215 268	0.	.0	.0 * 4	0550 935	0.	.0	.0 * 6	13251602	0.	.0	.0		
1	2220 269	0.	.0	.0 * 4	0555 936	0.	.0	.0 * 6	13301603	0.	.0	.0		
1	2225 270	0.	.0	.0 * 4	0600 937	0.	.0	.0 * 6	13351604	0.	.0	.0		
1	2230 271	0.	.0	.0 * 4	0605 938	0.	.0	.0 * 6	13401605	0.	.0	.0		
1	2235 272	0.	.0	.0 * 4	0610 939	0.	.0	.0 * 6	13451606	0.	.0	.0		
1	2240 273	0.	.0	.0 * 4	0615 940	0.	.0	.0 * 6	13501607	0.	.0	.0		
1	2245 274	0.	.0	.0 * 4	0620 941	0.	.0	.0 * 6	13551608	0.	.0	.0		
1	2250 275	0.	.0	.0 * 4	0625 942	0.	.0	.0 * 6	14001609	0.	.0	.0		
1	2255 276	0.	.0	.0 * 4	0630 943	0.	.0	.0 * 6	14051610	0.	.0	.0		
1	2300 277	0.	.0	.0 * 4	0635 944	0.	.0	.0 * 6	14101611	0.	.0	.0		
1	2305 278	0.	.0	.0 * 4	0640 945	0.	.0	.0 * 6	14151612	0.	.0	.0		
1	2310 279	0.	.0	.0 * 4	0645 946	0.	.0	.0 * 6	14201613	0.	.0	.0		
1	2315 280	0.	.0	.0 * 4	0650 947	0.	.0	.0 * 6	14251614	0.	.0	.0		
1	2320 281	0.	.0	.0 * 4	0655 948	0.	.0	.0 * 6	14301615	0.	.0	.0		
1	2325 282	0.	.0	.0 * 4	0700 949	0.	.0	.0 * 6	14351616	0.	.0	.0		
1	2330 283	0.	.0	.0 * 4	0705 950	0.	.0	.0 * 6	14401617	0.	.0	.0		
1	2335 284	0.	.0	.0 * 4	0710 951	0.	.0	.0 * 6	14451618	0.	.0	.0		
1	2340 285	0.	.0	.0 * 4	0715 952	0.	.0	.0 * 6	14501619	0.	.0	.0		
1	2345 286	0.	.0	.0 * 4	0720 953	0.	.0	.0 * 6	14551620	0.	.0	.0		
1	2350 287	0.	.0	.0 * 4	0725 954	0.	.0	.0 * 6	15001621	0.	.0	.0		
1	2355 288	0.	.0	.0 * 4	0730 955	0.	.0	.0 * 6	15051622	0.	.0	.0		
2	0000 289	0.	.0	.0 * 4	0735 956	0.	.0	.0 * 6	15101623	0.	.0	.0		
2	0005 290	0.	.0	.0 * 4	0740 957	0.	.0	.0 * 6	15151624	0.	.0	.0		
2	0010 291	0.	.0	.0 * 4	0745 958	0.	.0	.0 * 6	15201625	0.	.0	.0		
2	0015 292	0.	.0	.0 * 4	0750 959	0.	.0	.0 * 6	15251626	0.	.0	.0		
2	0020 293	0.	.0	.0 * 4	0755 960	0.	.0	.0 * 6	15301627	0.	.0	.0		
2	0025 294	0.	.0	.0 * 4	0800 961	0.	.0	.0 * 6	15351628	0.	.0	.0		
2	0030 295	0.	.0	.0 * 4	0805 962	0.	.0	.0 * 6	15401629	0.	.0	.0		
2	0035 296	0.	.0	.0 * 4	0810 963	0.	.0	.0 * 6	15451630	0.	.0	.0		
2	0040 297	0.	.0	.0 * 4	0815 964	0.	.0	.0 * 6	15501631	0.	.0	.0		
2	0045 298	0.	.0	.0 * 4	0820 965	0.	.0	.0 * 6	15551632	0.	.0	.0		
2	0050 299	0.	.0	.0 * 4	0825 966	0.	.0	.0 * 6	16001633	0.	.0	.0		
2	0055 300	0.	.0	.0 * 4	0830 967	0.	.0	.0 * 6	16051634	0.	.0	.0		
2	0100 301	0.	.0	.0 * 4	0835 968	0.	.0	.0 * 6	16101635	0.	.0	.0		
2	0105 302	0.	.0	.0 * 4	0840 969	0.	.0	.0 * 6	16151636	0.	.0	.0		
2	0110 303	0.	.0	.0 * 4	0845 970	0.	.0	.0 * 6	16201637	0.	.0	.0		
2	0115 304	0.	.0	.0 * 4	0850 971	0.	.0	.0 * 6	16251638	0.	.0	.0		
2	0120 305	0.	.0	.0 * 4	0855 972	0.	.0	.0 * 6	16301639	0.	.0	.0		
2	0125 306	0.	.0	.0 * 4	0900 973	0.	.0	.0 * 6	16351640	0.	.0	.0		
2	0130 307	0.	.0	.0 * 4	0905 974	0.	.0	.0 * 6	16401641	0.	.0	.0		
2	0135 308	0.	.0	.0 * 4	0910 975	0.	.0	.0 * 6	16451642	0.	.0	.0		
2	0140 309	0.	.0	.0 * 4	0915 976	0.	.0	.0 * 6	16501643	0.	.0	.0		
2	0145 310	0.	.0	.0 * 4	0920 977	0.	.0	.0 * 6	16551644	0.	.0	.0		
2	0150 311	0.	.0	.0 * 4	0925 978	0.	.0	.0 * 6	17001645	0.	.0	.0		
2	0155 312	0.	.0	.0 * 4	0930 979	0.	.0	.0 * 6	17051646	0.	.0	.0		
2	0200 313	0.	.0	.0 * 4	0935 980	0.	.0	.0 * 6	17101647	0.	.0	.0		
2	0205 314	0.	.0	.0 * 4	0940 981	0.	.0	.0 * 6	17151648	0.	.0	.0		
2	0210 315	0.	.0	.0 * 4	0945 982	0.	.0	.0 * 6	17201649	0.	.0	.0		
2	0215 316	0.	.0	.0 * 4	0950 983	0.	.0	.0 * 6	17251650	0.	.0	.0		
2	0220 317	0.	.0	.0 * 4	0955 984	0.	.0	.0 * 6	17301651	0.	.0	.0		
2	0225 318	0.	.0	.0 * 4	1000 985	0.	.0	.0 * 6	17351652	0.	.0	.0		
2	0230 319	0.	.0	.0 * 4	1005 986	0.	.0	.0 * 6	17401653	0.	.0	.0		
2	0235 320	0.	.0	.0 * 4	1010 987	0.	.0	.0 * 6	17451654	0.	.0	.0		
2	0240 321	0.	.0	.0 * 4	1015 988	0.	.0	.0 * 6	17501655	0.	.0	.0		
2	0245 322	0.	.0	.0 * 4	1020 989	0.	.0	.0 * 6	17551656	0.	.0	.0		
2	0250 323	0.	.0	.0 * 4	1025 990	0.	.0	.0 * 6	18001657	0.	.0	.0		
2	0255 324	0.	.0	.0 * 4	1030 991	0.	.0	.0 * 6	18051658	0.	.0	.0		
2	0300 325	0.	.0	.0 * 4	1035 992	0.	.0	.0 * 6	18101659	0.	.0	.0		
2	0305 326	0.	.0	.0 * 4	1040 993	0.	.0	.0 * 6	18151660	0.	.0	.0		
2	0310 327	0.	.0	.0 * 4	1045 994	0.	.0	.0 * 6	18201661	0.	.0	.0		
2	0315 328	0.	.0	.0 * 4	1050 995	0.	.0	.0 * 6	18251662	0.	.0	.0		
2	0320 329	0.	.0	.0 * 4	1055 996	0.	.0	.0 * 6	18301663	0.	.0	.0		
2	0325 330	0.	.0	.0 * 4	1100 997	0.	.0	.0 * 6	18351664	0.	.0	.0		
2	0330 331	0.	.0	.0 * 4	1105 998	0.	.0	.0 * 6	18401665	0.	.0	.0		
2	0335 332	0.	.0	.0 * 4	1110 999	0.	.0	.0 * 6	18451666	0.	.0	.0		
2	0340 333	0.	.0	.0 * 4	11151000	0.	.0	.0 * 6	18501667	0.	.0	.0		
2	0345 334	0.	.0	.0 * 4	11201001	0.	.0	.0 * 6	18551668	0.	.0	.0		
2	0350 335	0.	.0	.0 * 4	11251002	0.	.0	.0 * 6	19001669	0.	.0	.0		
2	0355 336	0.	.0	.0 * 4	11301003	0.	.0	.0 * 6	19051670	0.	.0	.0		
2	0400 337	0.	.0	.0 * 4	11351004	0.	.0	.0 * 6	19101671	0.	.0	.0		
2	0405 338	0.	.0	.0 * 4	11401005	0.	.0	.0 * 6	19151672	0.	.0	.0		
2	0410 339	0.	.0	.0 * 4	11451006	0.	.0	.0 * 6	19201673	0.	.0	.0		
2	0415 340	0.	.0	.0 * 4	11501007	0.	.0	.0 * 6	19251674	0.	.0	.0		
2	0420 341	0.	.0	.0 * 4	11551008	0.	.0	.0 * 6	19301675	0.	.0	.0		
2	0425 342	0.	.0	.0 * 4	12001009	0.	.0	.0 * 6	19351676	0.	.0	.0		
2	0430 343	0.	.0	.0 * 4	12051010	0.	.0	.0 * 6	19401677	0.	.0	.0		
2	0435 344	0.	.0	.0 * 4	12101011	0.	.0	.0 * 6	19451678	0.	.0	.0		
2	0440 345	0.	.0	.0 * 4	12151012	0.	.0	.0 * 6	19501679	0.	.0	.0		
2	0445 346	0.	.0	.0 * 4	12201013	0.	.0	.0 * 6	19551680	0.	.0	.0		

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2	0450 347	0.	.0	.0 * 4	12251014	0.	.0	.0 * 6	20001681	0.	.0	.0
2	0455 348	0.	.0	.0 * 4	12301015	0.	.0	.0 * 6	20051682	0.	.0	.0
2	0500 349	0.	.0	.0 * 4	12351016	0.	.0	.0 * 6	20101683	0.	.0	.0
2	0505 350	0.	.0	.0 * 4	12401017	0.	.0	.0 * 6	20151684	0.	.0	.0
2	0510 351	0.	.0	.0 * 4	12451018	0.	.0	.0 * 6	20201685	0.	.0	.0
2	0515 352	0.	.0	.0 * 4	12501019	0.	.0	.0 * 6	20251686	0.	.0	.0
2	0520 353	0.	.0	.0 * 4	12551020	0.	.0	.0 * 6	20301687	0.	.0	.0
2	0525 354	0.	.0	.0 * 4	13001021	0.	.0	.0 * 6	20351688	0.	.0	.0
2	0530 355	0.	.0	.0 * 4	13051022	0.	.0	.0 * 6	20401689	0.	.0	.0
2	0535 356	0.	.0	.0 * 4	13101023	0.	.0	.0 * 6	20451690	0.	.0	.0
2	0540 357	0.	.0	.0 * 4	13151024	0.	.0	.0 * 6	20501691	0.	.0	.0
2	0545 358	0.	.0	.0 * 4	13201025	0.	.0	.0 * 6	20551692	0.	.0	.0
2	0550 359	0.	.0	.0 * 4	13251026	0.	.0	.0 * 6	21001693	0.	.0	.0
2	0555 360	0.	.0	.0 * 4	13301027	0.	.0	.0 * 6	21051694	0.	.0	.0
2	0600 361	0.	.0	.0 * 4	13351028	0.	.0	.0 * 6	21101695	0.	.0	.0
2	0605 362	0.	.0	.0 * 4	13401029	0.	.0	.0 * 6	21151696	0.	.0	.0
2	0610 363	0.	.0	.0 * 4	13451030	0.	.0	.0 * 6	21201697	0.	.0	.0
2	0615 364	0.	.0	.0 * 4	13501031	0.	.0	.0 * 6	21251698	0.	.0	.0
2	0620 365	0.	.0	.0 * 4	13551032	0.	.0	.0 * 6	21301699	0.	.0	.0
2	0625 366	0.	.0	.0 * 4	14001033	0.	.0	.0 * 6	21351700	0.	.0	.0
2	0630 367	0.	.0	.0 * 4	14051034	0.	.0	.0 * 6	21401701	0.	.0	.0
2	0635 368	0.	.0	.0 * 4	14101035	0.	.0	.0 * 6	21451702	0.	.0	.0
2	0640 369	0.	.0	.0 * 4	14151036	0.	.0	.0 * 6	21501703	0.	.0	.0
2	0645 370	0.	.0	.0 * 4	14201037	0.	.0	.0 * 6	21551704	0.	.0	.0
2	0650 371	0.	.0	.0 * 4	14251038	0.	.0	.0 * 6	22001705	0.	.0	.0
2	0655 372	0.	.0	.0 * 4	14301039	0.	.0	.0 * 6	22051706	0.	.0	.0
2	0700 373	0.	.0	.0 * 4	14351040	0.	.0	.0 * 6	22101707	0.	.0	.0
2	0705 374	0.	.0	.0 * 4	14401041	0.	.0	.0 * 6	22151708	0.	.0	.0
2	0710 375	0.	.0	.0 * 4	14451042	0.	.0	.0 * 6	22201709	0.	.0	.0
2	0715 376	0.	.0	.0 * 4	14501043	0.	.0	.0 * 6	22251710	0.	.0	.0
2	0720 377	0.	.0	.0 * 4	14551044	0.	.0	.0 * 6	22301711	0.	.0	.0
2	0725 378	0.	.0	.0 * 4	15001045	0.	.0	.0 * 6	22351712	0.	.0	.0
2	0730 379	0.	.0	.0 * 4	15051046	0.	.0	.0 * 6	22401713	0.	.0	.0
2	0735 380	0.	.0	.0 * 4	15101047	0.	.0	.0 * 6	22451714	0.	.0	.0
2	0740 381	0.	.0	.0 * 4	15151048	0.	.0	.0 * 6	22501715	0.	.0	.0
2	0745 382	0.	.0	.0 * 4	15201049	0.	.0	.0 * 6	22551716	0.	.0	.0
2	0750 383	0.	.0	.0 * 4	15251050	0.	.0	.0 * 6	23001717	0.	.0	.0
2	0755 384	0.	.0	.0 * 4	15301051	0.	.0	.0 * 6	23051718	0.	.0	.0
2	0800 385	0.	.0	.0 * 4	15351052	0.	.0	.0 * 6	23101719	0.	.0	.0
2	0805 386	0.	.0	.0 * 4	15401053	0.	.0	.0 * 6	23151720	0.	.0	.0
2	0810 387	0.	.0	.0 * 4	15451054	0.	.0	.0 * 6	23201721	0.	.0	.0
2	0815 388	0.	.0	.0 * 4	15501055	0.	.0	.0 * 6	23251722	0.	.0	.0
2	0820 389	0.	.0	.0 * 4	15551056	0.	.0	.0 * 6	23301723	0.	.0	.0
2	0825 390	0.	.0	.0 * 4	16001057	0.	.0	.0 * 6	23351724	0.	.0	.0
2	0830 391	0.	.0	.0 * 4	16051058	0.	.0	.0 * 6	23401725	0.	.0	.0
2	0835 392	0.	.0	.0 * 4	16101059	0.	.0	.0 * 6	23451726	0.	.0	.0
2	0840 393	0.	.0	.0 * 4	16151060	0.	.0	.0 * 6	23501727	0.	.0	.0
2	0845 394	0.	.0	.0 * 4	16201061	0.	.0	.0 * 6	23551728	0.	.0	.0
2	0850 395	0.	.0	.0 * 4	16251062	0.	.0	.0 * 7	00001729	0.	.0	.0
2	0855 396	0.	.0	.0 * 4	16301063	0.	.0	.0 * 7	00051730	0.	.0	.0
2	0900 397	0.	.0	.0 * 4	16351064	0.	.0	.0 * 7	00101731	0.	.0	.0
2	0905 398	0.	.0	.0 * 4	16401065	0.	.0	.0 * 7	00151732	0.	.0	.0
2	0910 399	0.	.0	.0 * 4	16451066	0.	.0	.0 * 7	00201733	0.	.0	.0
2	0915 400	0.	.0	.0 * 4	16501067	0.	.0	.0 * 7	00251734	0.	.0	.0
2	0920 401	0.	.0	.0 * 4	16551068	0.	.0	.0 * 7	00301735	0.	.0	.0
2	0925 402	0.	.0	.0 * 4	17001069	0.	.0	.0 * 7	00351736	0.	.0	.0
2	0930 403	0.	.0	.0 * 4	17051070	0.	.0	.0 * 7	00401737	0.	.0	.0
2	0935 404	0.	.0	.0 * 4	17101071	0.	.0	.0 * 7	00451738	0.	.0	.0
2	0940 405	0.	.0	.0 * 4	17151072	0.	.0	.0 * 7	00501739	0.	.0	.0
2	0945 406	0.	.0	.0 * 4	17201073	0.	.0	.0 * 7	00551740	0.	.0	.0
2	0950 407	0.	.0	.0 * 4	17251074	0.	.0	.0 * 7	01001741	0.	.0	.0
2	0955 408	0.	.0	.0 * 4	17301075	0.	.0	.0 * 7	01051742	0.	.0	.0
2	1000 409	0.	.0	.0 * 4	17351076	0.	.0	.0 * 7	01101743	0.	.0	.0
2	1005 410	0.	.0	.0 * 4	17401077	0.	.0	.0 * 7	01151744	0.	.0	.0
2	1010 411	0.	.0	.0 * 4	17451078	0.	.0	.0 * 7	01201745	0.	.0	.0
2	1015 412	0.	.0	.0 * 4	17501079	0.	.0	.0 * 7	01251746	0.	.0	.0
2	1020 413	0.	.0	.0 * 4	17551080	0.	.0	.0 * 7	01301747	0.	.0	.0
2	1025 414	0.	.0	.0 * 4	18001081	0.	.0	.0 * 7	01351748	0.	.0	.0
2	1030 415	0.	.0	.0 * 4	18051082	0.	.0	.0 * 7	01401749	0.	.0	.0
2	1035 416	0.	.0	.0 * 4	18101083	0.	.0	.0 * 7	01451750	0.	.0	.0
2	1040 417	0.	.0	.0 * 4	18151084	0.	.0	.0 * 7	01501751	0.	.0	.0
2	1045 418	0.	.0	.0 * 4	18201085	0.	.0	.0 * 7	01551752	0.	.0	.0
2	1050 419	0.	.0	.0 * 4	18251086	0.	.0	.0 * 7	02001753	0.	.0	.0
2	1055 420	0.	.0	.0 * 4	18301087	0.	.0	.0 * 7	02051754	0.	.0	.0
2	1100 421	0.	.0	.0 * 4	18351088	0.	.0	.0 * 7	02101755	0.	.0	.0
2	1105 422	0.	.0	.0 * 4	18401089	0.	.0	.0 * 7	02151756	0.	.0	.0
2	1110 423	0.	.0	.0 * 4	18451090	0.	.0	.0 * 7	02201757	0.	.0	.0
2	1115 424	0.	.0	.0 * 4	18501091	0.	.0	.0 * 7	02251758	0.	.0	.0
2	1120 425	0.	.0	.0 * 4	18551092	0.	.0	.0 * 7	02301759	0.	.0	.0
2	1125 426	0.	.0	.0 * 4	19001093	0.	.0	.0 * 7	02351760	0.	.0	.0
2	1130 427	0.	.0	.0 * 4	19051094	0.	.0	.0 * 7	02401761	0.	.0	.0
2	1135 428	0.	.0	.0 * 4	19101095	0.	.0	.0 * 7	02451762	0.	.0	.0
2	1140 429	0.	.0	.0 * 4	19151096	0.	.0	.0 * 7	02501763	0.	.0	.0
2	1145 430	0.	.0	.0 * 4	19201097	0.	.0	.0 * 7	02551764	0.	.0	.0
2	1150 431	0.	.0	.0 * 4	19251098	0.	.0	.0 * 7	03001765	0.	.0	.0
2	1155 432	0.	.0	.0 * 4	19301099	0.	.0	.0 * 7	03051766	0.	.0	.0
2	1200 433	0.	.0	.0 * 4	19351100	0.	.0	.0 * 7	03101767	0.	.0	.0
2	1205 434	0.	.0	.0 * 4	19401101	0.	.0	.0 * 7	03151768	0.	.0	.0
2	1210 435	0.	.0	.0 * 4	19451102	0.	.0	.0 * 7	03201769	0.	.0	.0

									ULT					
2	1215	436	0.	.0	.0 *	4	19501103	0.	.0	.0 *	7	03251770	0.	.0	.0
2	1220	437	0.	.0	.0 *	4	19551104	0.	.0	.0 *	7	03301771	0.	.0	.0
2	1225	438	0.	.0	.0 *	4	20001105	0.	.0	.0 *	7	03351772	0.	.0	.0
2	1230	439	0.	.0	.0 *	4	20051106	0.	.0	.0 *	7	03401773	0.	.0	.0
2	1235	440	0.	.0	.0 *	4	20101107	0.	.0	.0 *	7	03451774	0.	.0	.0
2	1240	441	0.	.0	.0 *	4	20151108	0.	.0	.0 *	7	03501775	0.	.0	.0
2	1245	442	0.	.0	.0 *	4	20201109	0.	.0	.0 *	7	03551776	0.	.0	.0
2	1250	443	0.	.0	.0 *	4	20251110	0.	.0	.0 *	7	04001777	0.	.0	.0
2	1255	444	0.	.0	.0 *	4	20301111	0.	.0	.0 *	7	04051778	0.	.0	.0
2	1300	445	0.	.0	.0 *	4	20351112	0.	.0	.0 *	7	04101779	0.	.0	.0
2	1305	446	0.	.0	.0 *	4	20401113	0.	.0	.0 *	7	04151780	0.	.0	.0
2	1310	447	0.	.0	.0 *	4	20451114	0.	.0	.0 *	7	04201781	0.	.0	.0
2	1315	448	0.	.0	.0 *	4	20501115	0.	.0	.0 *	7	04251782	0.	.0	.0
2	1320	449	0.	.0	.0 *	4	20551116	0.	.0	.0 *	7	04301783	0.	.0	.0
2	1325	450	0.	.0	.0 *	4	21001117	0.	.0	.0 *	7	04351784	0.	.0	.0
2	1330	451	0.	.0	.0 *	4	21051118	0.	.0	.0 *	7	04401785	0.	.0	.0
2	1335	452	0.	.0	.0 *	4	21101119	0.	.0	.0 *	7	04451786	0.	.0	.0
2	1340	453	0.	.0	.0 *	4	21151120	0.	.0	.0 *	7	04501787	0.	.0	.0
2	1345	454	0.	.0	.0 *	4	21201121	0.	.0	.0 *	7	04551788	0.	.0	.0
2	1350	455	0.	.0	.0 *	4	21251122	0.	.0	.0 *	7	05001789	0.	.0	.0
2	1355	456	0.	.0	.0 *	4	21301123	0.	.0	.0 *	7	05051790	0.	.0	.0
2	1400	457	0.	.0	.0 *	4	21351124	0.	.0	.0 *	7	05101791	0.	.0	.0
2	1405	458	0.	.0	.0 *	4	21401125	0.	.0	.0 *	7	05151792	0.	.0	.0
2	1410	459	0.	.0	.0 *	4	21451126	0.	.0	.0 *	7	05201793	0.	.0	.0
2	1415	460	0.	.0	.0 *	4	21501127	0.	.0	.0 *	7	05251794	0.	.0	.0
2	1420	461	0.	.0	.0 *	4	21551128	0.	.0	.0 *	7	05301795	0.	.0	.0
2	1425	462	0.	.0	.0 *	4	22001129	0.	.0	.0 *	7	05351796	0.	.0	.0
2	1430	463	0.	.0	.0 *	4	22051130	0.	.0	.0 *	7	05401797	0.	.0	.0
2	1435	464	0.	.0	.0 *	4	22101131	0.	.0	.0 *	7	05451798	0.	.0	.0
2	1440	465	0.	.0	.0 *	4	22151132	0.	.0	.0 *	7	05501799	0.	.0	.0
2	1445	466	0.	.0	.0 *	4	22201133	0.	.0	.0 *	7	05551800	0.	.0	.0
2	1450	467	0.	.0	.0 *	4	22251134	0.	.0	.0 *	7	06001801	0.	.0	.0
2	1455	468	0.	.0	.0 *	4	22301135	0.	.0	.0 *	7	06051802	0.	.0	.0
2	1500	469	0.	.0	.0 *	4	22351136	0.	.0	.0 *	7	06101803	0.	.0	.0
2	1505	470	0.	.0	.0 *	4	22401137	0.	.0	.0 *	7	06151804	0.	.0	.0
2	1510	471	0.	.0	.0 *	4	22451138	0.	.0	.0 *	7	06201805	0.	.0	.0
2	1515	472	0.	.0	.0 *	4	22501139	0.	.0	.0 *	7	06251806	0.	.0	.0
2	1520	473	0.	.0	.0 *	4	22551140	0.	.0	.0 *	7	06301807	0.	.0	.0
2	1525	474	0.	.0	.0 *	4	23001141	0.	.0	.0 *	7	06351808	0.	.0	.0
2	1530	475	0.	.0	.0 *	4	23051142	0.	.0	.0 *	7	06401809	0.	.0	.0
2	1535	476	0.	.0	.0 *	4	23101143	0.	.0	.0 *	7	06451810	0.	.0	.0
2	1540	477	0.	.0	.0 *	4	23151144	0.	.0	.0 *	7	06501811	0.	.0	.0
2	1545	478	0.	.0	.0 *	4	23201145	0.	.0	.0 *	7	06551812	0.	.0	.0
2	1550	479	0.	.0	.0 *	4	23251146	0.	.0	.0 *	7	07001813	0.	.0	.0
2	1555	480	0.	.0	.0 *	4	23301147	0.	.0	.0 *	7	07051814	0.	.0	.0
2	1600	481	0.	.0	.0 *	4	23351148	0.	.0	.0 *	7	07101815	0.	.0	.0
2	1605	482	0.	.0	.0 *	4	23401149	0.	.0	.0 *	7	07151816	0.	.0	.0
2	1610	483	0.	.0	.0 *	4	23451150	0.	.0	.0 *	7	07201817	0.	.0	.0
2	1615	484	0.	.0	.0 *	4	23501151	0.	.0	.0 *	7	07251818	0.	.0	.0
2	1620	485	0.	.0	.0 *	4	23551152	0.	.0	.0 *	7	07301819	0.	.0	.0
2	1625	486	0.	.0	.0 *	5	00001153	0.	.0	.0 *	7	07351820	0.	.0	.0
2	1630	487	0.	.0	.0 *	5	00051154	0.	.0	.0 *	7	07401821	0.	.0	.0
2	1635	488	0.	.0	.0 *	5	00101155	0.	.0	.0 *	7	07451822	0.	.0	.0
2	1640	489	0.	.0	.0 *	5	00151156	0.	.0	.0 *	7	07501823	0.	.0	.0
2	1645	490	0.	.0	.0 *	5	00201157	0.	.0	.0 *	7	07551824	0.	.0	.0
2	1650	491	0.	.0	.0 *	5	00251158	0.	.0	.0 *	7	08001825	0.	.0	.0
2	1655	492	0.	.0	.0 *	5	00301159	0.	.0	.0 *	7	08051826	0.	.0	.0
2	1700	493	0.	.0	.0 *	5	00351160	0.	.0	.0 *	7	08101827	0.	.0	.0
2	1705	494	0.	.0	.0 *	5	00401161	0.	.0	.0 *	7	08151828	0.	.0	.0
2	1710	495	0.	.0	.0 *	5	00451162	0.	.0	.0 *	7	08201829	0.	.0	.0
2	1715	496	0.	.0	.0 *	5	00501163	0.	.0	.0 *	7	08251830	0.	.0	.0
2	1720	497	0.	.0	.0 *	5	00551164	0.	.0	.0 *	7	08301831	0.	.0	.0
2	1725	498	0.	.0	.0 *	5	01001165	0.	.0	.0 *	7	08351832	0.	.0	.0
2	1730	499	0.	.0	.0 *	5	01051166	0.	.0	.0 *	7	08401833	0.	.0	.0
2	1735	500	0.	.0	.0 *	5	01101167	0.	.0	.0 *	7	08451834	0.	.0	.0
2	1740	501	0.	.0	.0 *	5	01151168	0.	.0	.0 *	7	08501835	0.	.0	.0
2	1745	502	0.	.0	.0 *	5	01201169	0.	.0	.0 *	7	08551836	0.	.0	.0
2	1750	503	0.	.0	.0 *	5	01251170	0.	.0	.0 *	7	09001837	0.	.0	.0
2	1755	504	0.	.0	.0 *	5	01301171	0.	.0	.0 *	7	09051838	0.	.0	.0
2	1800	505	0.	.0	.0 *	5	01351172	0.	.0	.0 *	7	09101839	0.	.0	.0
2	1805	506	0.	.0	.0 *	5	01401173	0.	.0	.0 *	7	09151840	0.	.0	.0
2	1810	507	0.	.0	.0 *	5	01451174	0.	.0	.0 *	7	09201841	0.	.0	.0
2	1815	508	0.	.0	.0 *	5	01501175	0.	.0	.0 *	7	09251842	0.	.0	.0
2	1820	509	0.	.0	.0 *	5	01551176	0.	.0	.0 *	7	09301843	0.	.0	.0
2	1825	510	0.	.0	.0 *	5	02001177	0.	.0	.0 *	7	09351844	0.	.0	.0
2	1830	511	0.	.0	.0 *	5	02051178	0.	.0	.0 *	7	09401845	0.	.0	.0
2	1835	512	0.	.0	.0 *	5	02101179	0.	.0	.0 *	7	09451846	0.	.0	.0
2	1840	513	0.	.0	.0 *	5	02151180	0.	.0	.0 *	7	09501847	0.	.0	.0
2	1845	514	0.	.0	.0 *	5	02201181	0.	.0	.0 *	7	09551848	0.	.0	.0
2	1850	515	0.	.0	.0 *	5	02251182	0.	.0	.0 *	7	10001849	0.	.0	.0
2	1855	516	0.	.0	.0 *	5	02301183	0.	.0	.0 *	7	10051850	0.	.0	.0
2	1900	517	0.	.0	.0 *	5	02351184	0.	.0	.0 *	7	10101851	0.	.0	.0
2	1905	518	0.	.0	.0 *	5	02401185	0.	.0	.0 *	7	10151852	0.	.0	.0
2	1910	519	0.	.0	.0 *	5	02451186	0.	.0	.0 *	7	10201853	0.	.0	.0
2	1915	520	0.	.0	.0 *	5	02501187	0.	.0	.0 *	7	10251854	0.	.0	.0
2	1920	521	0.	.0	.0 *	5	02551188	0.	.0	.0 *	7	10301855	0.	.0	.0
2	1925	522	0.	.0	.0 *	5	03001189	0.	.0	.0 *	7	10351856	0.	.0	.0
2	1930	523	0.	.0	.0 *	5	03051190	0.	.0	.0 *	7	10401857	0.	.0	.0
2	1935	524	0.	.0	.0 *	5	03101191	0.	.0	.0 *	7	10451858	0.	.0	.0

								ULT					
2	1940	525	0.	.0	.0 * 5	03151192	0.	.0	.0 * 7	10501859	0.	.0	.0
2	1945	526	0.	.0	.0 * 5	03201193	0.	.0	.0 * 7	10551860	0.	.0	.0
2	1950	527	0.	.0	.0 * 5	03251194	0.	.0	.0 * 7	11001861	0.	.0	.0
2	1955	528	0.	.0	.0 * 5	03301195	0.	.0	.0 * 7	11051862	0.	.0	.0
2	2000	529	0.	.0	.0 * 5	03351196	0.	.0	.0 * 7	11101863	0.	.0	.0
2	2005	530	0.	.0	.0 * 5	03401197	0.	.0	.0 * 7	11151864	0.	.0	.0
2	2010	531	0.	.0	.0 * 5	03451198	0.	.0	.0 * 7	11201865	0.	.0	.0
2	2015	532	0.	.0	.0 * 5	03501199	0.	.0	.0 * 7	11251866	0.	.0	.0
2	2020	533	0.	.0	.0 * 5	03551200	0.	.0	.0 * 7	11301867	0.	.0	.0
2	2025	534	0.	.0	.0 * 5	04001201	0.	.0	.0 * 7	11351868	0.	.0	.0
2	2030	535	0.	.0	.0 * 5	04051202	0.	.0	.0 * 7	11401869	0.	.0	.0
2	2035	536	0.	.0	.0 * 5	04101203	0.	.0	.0 * 7	11451870	0.	.0	.0
2	2040	537	0.	.0	.0 * 5	04151204	0.	.0	.0 * 7	11501871	0.	.0	.0
2	2045	538	0.	.0	.0 * 5	04201205	0.	.0	.0 * 7	11551872	0.	.0	.0
2	2050	539	0.	.0	.0 * 5	04251206	0.	.0	.0 * 7	12001873	0.	.0	.0
2	2055	540	0.	.0	.0 * 5	04301207	0.	.0	.0 * 7	12051874	0.	.0	.0
2	2100	541	0.	.0	.0 * 5	04351208	0.	.0	.0 * 7	12101875	0.	.0	.0
2	2105	542	0.	.0	.0 * 5	04401209	0.	.0	.0 * 7	12151876	0.	.0	.0
2	2110	543	0.	.0	.0 * 5	04451210	0.	.0	.0 * 7	12201877	0.	.0	.0
2	2115	544	0.	.0	.0 * 5	04501211	0.	.0	.0 * 7	12251878	0.	.0	.0
2	2120	545	0.	.0	.0 * 5	04551212	0.	.0	.0 * 7	12301879	0.	.0	.0
2	2125	546	0.	.0	.0 * 5	05001213	0.	.0	.0 * 7	12351880	0.	.0	.0
2	2130	547	0.	.0	.0 * 5	05051214	0.	.0	.0 * 7	12401881	0.	.0	.0
2	2135	548	0.	.0	.0 * 5	05101215	0.	.0	.0 * 7	12451882	0.	.0	.0
2	2140	549	0.	.0	.0 * 5	05151216	0.	.0	.0 * 7	12501883	0.	.0	.0
2	2145	550	0.	.0	.0 * 5	05201217	0.	.0	.0 * 7	12551884	0.	.0	.0
2	2150	551	0.	.0	.0 * 5	05251218	0.	.0	.0 * 7	13001885	0.	.0	.0
2	2155	552	0.	.0	.0 * 5	05301219	0.	.0	.0 * 7	13051886	0.	.0	.0
2	2200	553	0.	.0	.0 * 5	05351220	0.	.0	.0 * 7	13101887	0.	.0	.0
2	2205	554	0.	.0	.0 * 5	05401221	0.	.0	.0 * 7	13151888	0.	.0	.0
2	2210	555	0.	.0	.0 * 5	05451222	0.	.0	.0 * 7	13201889	0.	.0	.0
2	2215	556	0.	.0	.0 * 5	05501223	0.	.0	.0 * 7	13251890	0.	.0	.0
2	2220	557	0.	.0	.0 * 5	05551224	0.	.0	.0 * 7	13301891	0.	.0	.0
2	2225	558	0.	.0	.0 * 5	06001225	0.	.0	.0 * 7	13351892	0.	.0	.0
2	2230	559	0.	.0	.0 * 5	06051226	0.	.0	.0 * 7	13401893	0.	.0	.0
2	2235	560	0.	.0	.0 * 5	06101227	0.	.0	.0 * 7	13451894	0.	.0	.0
2	2240	561	0.	.0	.0 * 5	06151228	0.	.0	.0 * 7	13501895	0.	.0	.0
2	2245	562	0.	.0	.0 * 5	06201229	0.	.0	.0 * 7	13551896	0.	.0	.0
2	2250	563	0.	.0	.0 * 5	06251230	0.	.0	.0 * 7	14001897	0.	.0	.0
2	2255	564	0.	.0	.0 * 5	06301231	0.	.0	.0 * 7	14051898	0.	.0	.0
2	2300	565	0.	.0	.0 * 5	06351232	0.	.0	.0 * 7	14101899	0.	.0	.0
2	2305	566	0.	.0	.0 * 5	06401233	0.	.0	.0 * 7	14151900	0.	.0	.0
2	2310	567	0.	.0	.0 * 5	06451234	0.	.0	.0 * 7	14201901	0.	.0	.0
2	2315	568	0.	.0	.0 * 5	06501235	0.	.0	.0 * 7	14251902	0.	.0	.0
2	2320	569	0.	.0	.0 * 5	06551236	0.	.0	.0 * 7	14301903	0.	.0	.0
2	2325	570	0.	.0	.0 * 5	07001237	0.	.0	.0 * 7	14351904	0.	.0	.0
2	2330	571	0.	.0	.0 * 5	07051238	0.	.0	.0 * 7	14401905	0.	.0	.0
2	2335	572	0.	.0	.0 * 5	07101239	0.	.0	.0 * 7	14451906	0.	.0	.0
2	2340	573	0.	.0	.0 * 5	07151240	0.	.0	.0 * 7	14501907	0.	.0	.0
2	2345	574	0.	.0	.0 * 5	07201241	0.	.0	.0 * 7	14551908	0.	.0	.0
2	2350	575	0.	.0	.0 * 5	07251242	0.	.0	.0 * 7	15001909	0.	.0	.0
2	2355	576	0.	.0	.0 * 5	07301243	0.	.0	.0 * 7	15051910	0.	.0	.0
3	0000	577	0.	.0	.0 * 5	07351244	0.	.0	.0 * 7	15101911	0.	.0	.0
3	0005	578	0.	.0	.0 * 5	07401245	0.	.0	.0 * 7	15151912	0.	.0	.0
3	0010	579	0.	.0	.0 * 5	07451246	0.	.0	.0 * 7	15201913	0.	.0	.0
3	0015	580	0.	.0	.0 * 5	07501247	0.	.0	.0 * 7	15251914	0.	.0	.0
3	0020	581	0.	.0	.0 * 5	07551248	0.	.0	.0 * 7	15301915	0.	.0	.0
3	0025	582	0.	.0	.0 * 5	08001249	0.	.0	.0 * 7	15351916	0.	.0	.0
3	0030	583	0.	.0	.0 * 5	08051250	0.	.0	.0 * 7	15401917	0.	.0	.0
3	0035	584	0.	.0	.0 * 5	08101251	0.	.0	.0 * 7	15451918	0.	.0	.0
3	0040	585	0.	.0	.0 * 5	08151252	0.	.0	.0 * 7	15501919	0.	.0	.0
3	0045	586	0.	.0	.0 * 5	08201253	0.	.0	.0 * 7	15551920	0.	.0	.0
3	0050	587	0.	.0	.0 * 5	08251254	0.	.0	.0 * 7	16001921	0.	.0	.0
3	0055	588	0.	.0	.0 * 5	08301255	0.	.0	.0 * 7	16051922	0.	.0	.0
3	0100	589	0.	.0	.0 * 5	08351256	0.	.0	.0 * 7	16101923	0.	.0	.0
3	0105	590	0.	.0	.0 * 5	08401257	0.	.0	.0 * 7	16151924	0.	.0	.0
3	0110	591	0.	.0	.0 * 5	08451258	0.	.0	.0 * 7	16201925	0.	.0	.0
3	0115	592	0.	.0	.0 * 5	08501259	0.	.0	.0 * 7	16251926	0.	.0	.0
3	0120	593	0.	.0	.0 * 5	08551260	0.	.0	.0 * 7	16301927	0.	.0	.0
3	0125	594	0.	.0	.0 * 5	09001261	0.	.0	.0 * 7	16351928	0.	.0	.0
3	0130	595	0.	.0	.0 * 5	09051262	0.	.0	.0 * 7	16401929	0.	.0	.0
3	0135	596	0.	.0	.0 * 5	09101263	0.	.0	.0 * 7	16451930	0.	.0	.0
3	0140	597	0.	.0	.0 * 5	09151264	0.	.0	.0 * 7	16501931	0.	.0	.0
3	0145	598	0.	.0	.0 * 5	09201265	0.	.0	.0 * 7	16551932	0.	.0	.0
3	0150	599	0.	.0	.0 * 5	09251266	0.	.0	.0 * 7	17001933	0.	.0	.0
3	0155	600	0.	.0	.0 * 5	09301267	0.	.0	.0 * 7	17051934	0.	.0	.0
3	0200	601	0.	.0	.0 * 5	09351268	0.	.0	.0 * 7	17101935	0.	.0	.0
3	0205	602	0.	.0	.0 * 5	09401269	0.	.0	.0 * 7	17151936	0.	.0	.0
3	0210	603	0.	.0	.0 * 5	09451270	0.	.0	.0 * 7	17201937	0.	.0	.0
3	0215	604	0.	.0	.0 * 5	09501271	0.	.0	.0 * 7	17251938	0.	.0	.0
3	0220	605	0.	.0	.0 * 5	09551272	0.	.0	.0 * 7	17301939	0.	.0	.0
3	0225	606	0.	.0	.0 * 5	10001273	0.	.0	.0 * 7	17351940	0.	.0	.0
3	0230	607	0.	.0	.0 * 5	10051274	0.	.0	.0 * 7	17401941	0.	.0	.0
3	0235	608	0.	.0	.0 * 5	10101275	0.	.0	.0 * 7	17451942	0.	.0	.0
3	0240	609	0.	.0	.0 * 5	10151276	0.	.0	.0 * 7	17501943	0.	.0	.0
3	0245	610	0.	.0	.0 * 5	10201277	0.	.0	.0 * 7	17551944	0.	.0	.0
3	0250	611	0.	.0	.0 * 5	10251278	0.	.0	.0 * 7	18001945	0.	.0	.0
3	0255	612	0.	.0	.0 * 5	10301279	0.	.0	.0 * 7	18051946	0.	.0	.0
3	0300	613	0.	.0	.0 * 5	10351280	0.	.0	.0 * 7	18101947	0.	.0	.0

										ULT					
3	0305	614	0.	.0	.0 *	5	10401281	0.	.0	.0 *	7	18151948	0.	.0	.0
3	0310	615	0.	.0	.0 *	5	10451282	0.	.0	.0 *	7	18201949	0.	.0	.0
3	0315	616	0.	.0	.0 *	5	10501283	0.	.0	.0 *	7	18251950	0.	.0	.0
3	0320	617	0.	.0	.0 *	5	10551284	0.	.0	.0 *	7	18301951	0.	.0	.0
3	0325	618	0.	.0	.0 *	5	11001285	0.	.0	.0 *	7	18351952	0.	.0	.0
3	0330	619	0.	.0	.0 *	5	11051286	0.	.0	.0 *	7	18401953	0.	.0	.0
3	0335	620	0.	.0	.0 *	5	11101287	0.	.0	.0 *	7	18451954	0.	.0	.0
3	0340	621	0.	.0	.0 *	5	11151288	0.	.0	.0 *	7	18501955	0.	.0	.0
3	0345	622	0.	.0	.0 *	5	11201289	0.	.0	.0 *	7	18551956	0.	.0	.0
3	0350	623	0.	.0	.0 *	5	11251290	0.	.0	.0 *	7	19001957	0.	.0	.0
3	0355	624	0.	.0	.0 *	5	11301291	0.	.0	.0 *	7	19051958	0.	.0	.0
3	0400	625	0.	.0	.0 *	5	11351292	0.	.0	.0 *	7	19101959	0.	.0	.0
3	0405	626	0.	.0	.0 *	5	11401293	0.	.0	.0 *	7	19151960	0.	.0	.0
3	0410	627	0.	.0	.0 *	5	11451294	0.	.0	.0 *	7	19201961	0.	.0	.0
3	0415	628	0.	.0	.0 *	5	11501295	0.	.0	.0 *	7	19251962	0.	.0	.0
3	0420	629	0.	.0	.0 *	5	11551296	0.	.0	.0 *	7	19301963	0.	.0	.0
3	0425	630	0.	.0	.0 *	5	12001297	0.	.0	.0 *	7	19351964	0.	.0	.0
3	0430	631	0.	.0	.0 *	5	12051298	0.	.0	.0 *	7	19401965	0.	.0	.0
3	0435	632	0.	.0	.0 *	5	12101299	0.	.0	.0 *	7	19451966	0.	.0	.0
3	0440	633	0.	.0	.0 *	5	12151300	0.	.0	.0 *	7	19501967	0.	.0	.0
3	0445	634	0.	.0	.0 *	5	12201301	0.	.0	.0 *	7	19551968	0.	.0	.0
3	0450	635	0.	.0	.0 *	5	12251302	0.	.0	.0 *	7	20001969	0.	.0	.0
3	0455	636	0.	.0	.0 *	5	12301303	0.	.0	.0 *	7	20051970	0.	.0	.0
3	0500	637	0.	.0	.0 *	5	12351304	0.	.0	.0 *	7	20101971	0.	.0	.0
3	0505	638	0.	.0	.0 *	5	12401305	0.	.0	.0 *	7	20151972	0.	.0	.0
3	0510	639	0.	.0	.0 *	5	12451306	0.	.0	.0 *	7	20201973	0.	.0	.0
3	0515	640	0.	.0	.0 *	5	12501307	0.	.0	.0 *	7	20251974	0.	.0	.0
3	0520	641	0.	.0	.0 *	5	12551308	0.	.0	.0 *	7	20301975	0.	.0	.0
3	0525	642	0.	.0	.0 *	5	13001309	0.	.0	.0 *	7	20351976	0.	.0	.0
3	0530	643	0.	.0	.0 *	5	13051310	0.	.0	.0 *	7	20401977	0.	.0	.0
3	0535	644	0.	.0	.0 *	5	13101311	0.	.0	.0 *	7	20451978	0.	.0	.0
3	0540	645	0.	.0	.0 *	5	13151312	0.	.0	.0 *	7	20501979	0.	.0	.0
3	0545	646	0.	.0	.0 *	5	13201313	0.	.0	.0 *	7	20551980	0.	.0	.0
3	0550	647	0.	.0	.0 *	5	13251314	0.	.0	.0 *	7	21001981	0.	.0	.0
3	0555	648	0.	.0	.0 *	5	13301315	0.	.0	.0 *	7	21051982	0.	.0	.0
3	0600	649	0.	.0	.0 *	5	13351316	0.	.0	.0 *	7	21101983	0.	.0	.0
3	0605	650	0.	.0	.0 *	5	13401317	0.	.0	.0 *	7	21151984	0.	.0	.0
3	0610	651	0.	.0	.0 *	5	13451318	0.	.0	.0 *	7	21201985	0.	.0	.0
3	0615	652	0.	.0	.0 *	5	13501319	0.	.0	.0 *	7	21251986	0.	.0	.0
3	0620	653	0.	.0	.0 *	5	13551320	0.	.0	.0 *	7	21301987	0.	.0	.0
3	0625	654	0.	.0	.0 *	5	14001321	0.	.0	.0 *	7	21351988	0.	.0	.0
3	0630	655	0.	.0	.0 *	5	14051322	0.	.0	.0 *	7	21401989	0.	.0	.0
3	0635	656	0.	.0	.0 *	5	14101323	0.	.0	.0 *	7	21451990	0.	.0	.0
3	0640	657	0.	.0	.0 *	5	14151324	0.	.0	.0 *	7	21501991	0.	.0	.0
3	0645	658	0.	.0	.0 *	5	14201325	0.	.0	.0 *	7	21551992	0.	.0	.0
3	0650	659	0.	.0	.0 *	5	14251326	0.	.0	.0 *	7	22001993	0.	.0	.0
3	0655	660	0.	.0	.0 *	5	14301327	0.	.0	.0 *	7	22051994	0.	.0	.0
3	0700	661	0.	.0	.0 *	5	14351328	0.	.0	.0 *	7	22101995	0.	.0	.0
3	0705	662	0.	.0	.0 *	5	14401329	0.	.0	.0 *	7	22151996	0.	.0	.0
3	0710	663	0.	.0	.0 *	5	14451330	0.	.0	.0 *	7	22201997	0.	.0	.0
3	0715	664	0.	.0	.0 *	5	14501331	0.	.0	.0 *	7	22251998	0.	.0	.0
3	0720	665	0.	.0	.0 *	5	14551332	0.	.0	.0 *	7	22301999	0.	.0	.0
3	0725	666	0.	.0	.0 *	5	15001333	0.	.0	.0 *	7	22352000	0.	.0	.0
3	0730	667	0.	.0	.0 *	5	15051334	0.	.0	.0 *					

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 1191.	4.17		427.	109.	36.	16.
		(INCHES)	1.811	1.843	1.843	1.843
		(AC-FT)	212.	216.	216.	216.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
80.	4.17	28.	7.	2.	1.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
5.64	4.17	2.00	.51	.17	.07

CUMULATIVE AREA = 2.19 SQ MI

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HYDROGRAPH AT STATION 157DB
PLAN 1, RATIO = .98

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	0.	.0	.0 *	3	0735		668	0.	.0	.0 *	5	15101335			0.	.0	.0
1	0005		2	0.	.0	.0 *	3	0740		669	0.	.0	.0 *	5	15151336			0.	.0	.0

									ULT					
1	0010	3	0.	.0	.0 * 3	0745	670	0.	.0	.0 * 5	15201337	0.	.0	.0
1	0015	4	0.	.0	.0 * 3	0750	671	0.	.0	.0 * 5	15251338	0.	.0	.0
1	0020	5	0.	.0	.0 * 3	0755	672	0.	.0	.0 * 5	15301339	0.	.0	.0
1	0025	6	0.	.0	.0 * 3	0800	673	0.	.0	.0 * 5	15351340	0.	.0	.0
1	0030	7	0.	.0	.0 * 3	0805	674	0.	.0	.0 * 5	15401341	0.	.0	.0
1	0035	8	0.	.0	.0 * 3	0810	675	0.	.0	.0 * 5	15451342	0.	.0	.0
1	0040	9	0.	.0	.0 * 3	0815	676	0.	.0	.0 * 5	15501343	0.	.0	.0
1	0045	10	1.	.0	.0 * 3	0820	677	0.	.0	.0 * 5	15551344	0.	.0	.0
1	0050	11	1.	.1	.0 * 3	0825	678	0.	.0	.0 * 5	16001345	0.	.0	.0
1	0055	12	2.	.1	.0 * 3	0830	679	0.	.0	.0 * 5	16051346	0.	.0	.0
1	0100	13	3.	.2	.0 * 3	0835	680	0.	.0	.0 * 5	16101347	0.	.0	.0
1	0105	14	3.	.2	.0 * 3	0840	681	0.	.0	.0 * 5	16151348	0.	.0	.0
1	0110	15	4.	.2	.0 * 3	0845	682	0.	.0	.0 * 5	16201349	0.	.0	.0
1	0115	16	4.	.3	.0 * 3	0850	683	0.	.0	.0 * 5	16251350	0.	.0	.0
1	0120	17	5.	.3	.0 * 3	0855	684	0.	.0	.0 * 5	16301351	0.	.0	.0
1	0125	18	5.	.3	.0 * 3	0900	685	0.	.0	.0 * 5	16351352	0.	.0	.0
1	0130	19	6.	.4	.0 * 3	0905	686	0.	.0	.0 * 5	16401353	0.	.0	.0
1	0135	20	8.	.5	.0 * 3	0910	687	0.	.0	.0 * 5	16451354	0.	.0	.0
1	0140	21	10.	.7	.0 * 3	0915	688	0.	.0	.0 * 5	16501355	0.	.0	.0
1	0145	22	14.	.9	.1 * 3	0920	689	0.	.0	.0 * 5	16551356	0.	.0	.0
1	0150	23	19.	1.3	.1 * 3	0925	690	0.	.0	.0 * 5	17001357	0.	.0	.0
1	0155	24	25.	1.7	.1 * 3	0930	691	0.	.0	.0 * 5	17051358	0.	.0	.0
1	0200	25	30.	2.0	.1 * 3	0935	692	0.	.0	.0 * 5	17101359	0.	.0	.0
1	0205	26	35.	2.4	.2 * 3	0940	693	0.	.0	.0 * 5	17151360	0.	.0	.0
1	0210	27	39.	2.6	.2 * 3	0945	694	0.	.0	.0 * 5	17201361	0.	.0	.0
1	0215	28	41.	2.8	.2 * 3	0950	695	0.	.0	.0 * 5	17251362	0.	.0	.0
1	0220	29	44.	2.9	.2 * 3	0955	696	0.	.0	.0 * 5	17301363	0.	.0	.0
1	0225	30	47.	3.2	.2 * 3	1000	697	0.	.0	.0 * 5	17351364	0.	.0	.0
1	0230	31	53.	3.6	.3 * 3	1005	698	0.	.0	.0 * 5	17401365	0.	.0	.0
1	0235	32	60.	4.1	.3 * 3	1010	699	0.	.0	.0 * 5	17451366	0.	.0	.0
1	0240	33	68.	4.6	.3 * 3	1015	700	0.	.0	.0 * 5	17501367	0.	.0	.0
1	0245	34	75.	5.0	.4 * 3	1020	701	0.	.0	.0 * 5	17551368	0.	.0	.0
1	0250	35	82.	5.5	.4 * 3	1025	702	0.	.0	.0 * 5	18001369	0.	.0	.0
1	0255	36	88.	5.9	.4 * 3	1030	703	0.	.0	.0 * 5	18051370	0.	.0	.0
1	0300	37	95.	6.4	.5 * 3	1035	704	0.	.0	.0 * 5	18101371	0.	.0	.0
1	0305	38	101.	6.8	.5 * 3	1040	705	0.	.0	.0 * 5	18151372	0.	.0	.0
1	0310	39	107.	7.2	.5 * 3	1045	706	0.	.0	.0 * 5	18201373	0.	.0	.0
1	0315	40	117.	7.9	.6 * 3	1050	707	0.	.0	.0 * 5	18251374	0.	.0	.0
1	0320	41	139.	9.3	.7 * 3	1055	708	0.	.0	.0 * 5	18301375	0.	.0	.0
1	0325	42	183.	12.3	.9 * 3	1100	709	0.	.0	.0 * 5	18351376	0.	.0	.0
1	0330	43	263.	17.6	1.3 * 3	1105	710	0.	.0	.0 * 5	18401377	0.	.0	.0
1	0335	44	387.	26.0	1.9 * 3	1110	711	0.	.0	.0 * 5	18451378	0.	.0	.0
1	0340	45	549.	36.8	2.6 * 3	1115	712	0.	.0	.0 * 5	18501379	0.	.0	.0
1	0345	46	744.	48.4	3.5 * 3	1120	713	0.	.0	.0 * 5	18551380	0.	.0	.0
1	0350	47	924.	58.7	4.2 * 3	1125	714	0.	.0	.0 * 5	19001381	0.	.0	.0
1	0355	48	1040.	66.9	4.8 * 3	1130	715	0.	.0	.0 * 5	19051382	0.	.0	.0
1	0400	49	1113.	72.6	5.2 * 3	1135	716	0.	.0	.0 * 5	19101383	0.	.0	.0
1	0405	50	1149.	75.8	5.4 * 3	1140	717	0.	.0	.0 * 5	19151384	0.	.0	.0
1	0410	51	1162.	77.0	5.5 * 3	1145	718	0.	.0	.0 * 5	19201385	0.	.0	.0
1	0415	52	1157.	76.5	5.4 * 3	1150	719	0.	.0	.0 * 5	19251386	0.	.0	.0
1	0420	53	1136.	74.7	5.3 * 3	1155	720	0.	.0	.0 * 5	19301387	0.	.0	.0
1	0425	54	1105.	71.9	5.1 * 3	1200	721	0.	.0	.0 * 5	19351388	0.	.0	.0
1	0430	55	1065.	68.6	4.9 * 3	1205	722	0.	.0	.0 * 5	19401389	0.	.0	.0
1	0435	56	1018.	65.3	4.7 * 3	1210	723	0.	.0	.0 * 5	19451390	0.	.0	.0
1	0440	57	975.	62.3	4.5 * 3	1215	724	0.	.0	.0 * 5	19501391	0.	.0	.0
1	0445	58	939.	59.8	4.3 * 3	1220	725	0.	.0	.0 * 5	19551392	0.	.0	.0
1	0450	59	909.	57.7	4.1 * 3	1225	726	0.	.0	.0 * 5	20001393	0.	.0	.0
1	0455	60	882.	55.8	4.0 * 3	1230	727	0.	.0	.0 * 5	20051394	0.	.0	.0
1	0500	61	851.	54.2	3.9 * 3	1235	728	0.	.0	.0 * 5	20101395	0.	.0	.0
1	0505	62	823.	52.6	3.8 * 3	1240	729	0.	.0	.0 * 5	20151396	0.	.0	.0
1	0510	63	792.	51.0	3.6 * 3	1245	730	0.	.0	.0 * 5	20201397	0.	.0	.0
1	0515	64	757.	49.1	3.5 * 3	1250	731	0.	.0	.0 * 5	20251398	0.	.0	.0
1	0520	65	717.	46.9	3.3 * 3	1255	732	0.	.0	.0 * 5	20301399	0.	.0	.0
1	0525	66	672.	44.5	3.2 * 3	1300	733	0.	.0	.0 * 5	20351400	0.	.0	.0
1	0530	67	625.	41.9	3.0 * 3	1305	734	0.	.0	.0 * 5	20401401	0.	.0	.0
1	0535	68	586.	39.3	2.8 * 3	1310	735	0.	.0	.0 * 5	20451402	0.	.0	.0
1	0540	69	546.	36.7	2.6 * 3	1315	736	0.	.0	.0 * 5	20501403	0.	.0	.0
1	0545	70	508.	34.1	2.4 * 3	1320	737	0.	.0	.0 * 5	20551404	0.	.0	.0
1	0550	71	470.	31.5	2.3 * 3	1325	738	0.	.0	.0 * 5	21001405	0.	.0	.0
1	0555	72	434.	29.1	2.1 * 3	1330	739	0.	.0	.0 * 5	21051406	0.	.0	.0
1	0600	73	401.	26.9	1.9 * 3	1335	740	0.	.0	.0 * 5	21101407	0.	.0	.0
1	0605	74	370.	24.8	1.8 * 3	1340	741	0.	.0	.0 * 5	21151408	0.	.0	.0
1	0610	75	341.	22.8	1.6 * 3	1345	742	0.	.0	.0 * 5	21201409	0.	.0	.0
1	0615	76	313.	21.0	1.5 * 3	1350	743	0.	.0	.0 * 5	21251410	0.	.0	.0
1	0620	77	288.	19.3	1.4 * 3	1355	744	0.	.0	.0 * 5	21301411	0.	.0	.0
1	0625	78	263.	17.7	1.3 * 3	1400	745	0.	.0	.0 * 5	21351412	0.	.0	.0
1	0630	79	241.	16.1	1.2 * 3	1405	746	0.	.0	.0 * 5	21401413	0.	.0	.0
1	0635	80	219.	14.7	1.1 * 3	1410	747	0.	.0	.0 * 5	21451414	0.	.0	.0
1	0640	81	200.	13.4	1.0 * 3	1415	748	0.	.0	.0 * 5	21501415	0.	.0	.0
1	0645	82	181.	12.2	.9 * 3	1420	749	0.	.0	.0 * 5	21551416	0.	.0	.0
1	0650	83	165.	11.0	.8 * 3	1425	750	0.	.0	.0 * 5	22001417	0.	.0	.0
1	0655	84	149.	10.0	.7 * 3	1430	751	0.	.0	.0 * 5	22051418	0.	.0	.0
1	0700	85	135.	9.1	.6 * 3	1435	752	0.	.0	.0 * 5	22101419	0.	.0	.0
1	0705	86	122.	8.2	.6 * 3	1440	753	0.	.0	.0 * 5	22151420	0.	.0	.0
1	0710	87	111.	7.4	.5 * 3	1445	754	0.	.0	.0 * 5	22201421	0.	.0	.0
1	0715	88	100.	6.7	.5 * 3	1450	755	0.	.0	.0 * 5	22251422	0.	.0	.0
1	0720	89	90.	6.1	.4 * 3	1455	756	0.	.0	.0 * 5	22301423	0.	.0	.0
1	0725	90	82.	5.5	.4 * 3	1500	757	0.	.0	.0 * 5	22351424	0.	.0	.0
1	0730	91	74.	4.9	.4 * 3	1505	758	0.	.0	.0 * 5	22401425	0.	.0	.0

									ULT				
1	0735	92	66.	4.5	.3 * 3	1510	759	0.	.0	.0 * 5	22451426	0.	.0	.0
1	0740	93	60.	4.0	.3 * 3	1515	760	0.	.0	.0 * 5	22501427	0.	.0	.0
1	0745	94	54.	3.6	.3 * 3	1520	761	0.	.0	.0 * 5	22551428	0.	.0	.0
1	0750	95	49.	3.3	.2 * 3	1525	762	0.	.0	.0 * 5	23001429	0.	.0	.0
1	0755	96	44.	3.0	.2 * 3	1530	763	0.	.0	.0 * 5	23051430	0.	.0	.0
1	0800	97	40.	2.7	.2 * 3	1535	764	0.	.0	.0 * 5	23101431	0.	.0	.0
1	0805	98	36.	2.4	.2 * 3	1540	765	0.	.0	.0 * 5	23151432	0.	.0	.0
1	0810	99	32.	2.2	.2 * 3	1545	766	0.	.0	.0 * 5	23201433	0.	.0	.0
1	0815	100	29.	2.0	.1 * 3	1550	767	0.	.0	.0 * 5	23251434	0.	.0	.0
1	0820	101	26.	1.8	.1 * 3	1555	768	0.	.0	.0 * 5	23301435	0.	.0	.0
1	0825	102	24.	1.6	.1 * 3	1600	769	0.	.0	.0 * 5	23351436	0.	.0	.0
1	0830	103	22.	1.4	.1 * 3	1605	770	0.	.0	.0 * 5	23401437	0.	.0	.0
1	0835	104	19.	1.3	.1 * 3	1610	771	0.	.0	.0 * 5	23451438	0.	.0	.0
1	0840	105	18.	1.2	.1 * 3	1615	772	0.	.0	.0 * 5	23501439	0.	.0	.0
1	0845	106	16.	1.1	.1 * 3	1620	773	0.	.0	.0 * 5	23551440	0.	.0	.0
1	0850	107	14.	1.0	.1 * 3	1625	774	0.	.0	.0 * 6	00001441	0.	.0	.0
1	0855	108	13.	.9	.1 * 3	1630	775	0.	.0	.0 * 6	00051442	0.	.0	.0
1	0900	109	12.	.8	.1 * 3	1635	776	0.	.0	.0 * 6	00101443	0.	.0	.0
1	0905	110	10.	.7	.1 * 3	1640	777	0.	.0	.0 * 6	00151444	0.	.0	.0
1	0910	111	9.	.6	.0 * 3	1645	778	0.	.0	.0 * 6	00201445	0.	.0	.0
1	0915	112	9.	.6	.0 * 3	1650	779	0.	.0	.0 * 6	00251446	0.	.0	.0
1	0920	113	8.	.5	.0 * 3	1655	780	0.	.0	.0 * 6	00301447	0.	.0	.0
1	0925	114	7.	.5	.0 * 3	1700	781	0.	.0	.0 * 6	00351448	0.	.0	.0
1	0930	115	6.	.4	.0 * 3	1705	782	0.	.0	.0 * 6	00401449	0.	.0	.0
1	0935	116	6.	.4	.0 * 3	1710	783	0.	.0	.0 * 6	00451450	0.	.0	.0
1	0940	117	5.	.3	.0 * 3	1715	784	0.	.0	.0 * 6	00501451	0.	.0	.0
1	0945	118	5.	.3	.0 * 3	1720	785	0.	.0	.0 * 6	00551452	0.	.0	.0
1	0950	119	4.	.3	.0 * 3	1725	786	0.	.0	.0 * 6	01001453	0.	.0	.0
1	0955	120	4.	.3	.0 * 3	1730	787	0.	.0	.0 * 6	01051454	0.	.0	.0
1	1000	121	3.	.2	.0 * 3	1735	788	0.	.0	.0 * 6	01101455	0.	.0	.0
1	1005	122	3.	.2	.0 * 3	1740	789	0.	.0	.0 * 6	01151456	0.	.0	.0
1	1010	123	3.	.2	.0 * 3	1745	790	0.	.0	.0 * 6	01201457	0.	.0	.0
1	1015	124	2.	.2	.0 * 3	1750	791	0.	.0	.0 * 6	01251458	0.	.0	.0
1	1020	125	2.	.2	.0 * 3	1755	792	0.	.0	.0 * 6	01301459	0.	.0	.0
1	1025	126	2.	.1	.0 * 3	1800	793	0.	.0	.0 * 6	01351460	0.	.0	.0
1	1030	127	2.	.1	.0 * 3	1805	794	0.	.0	.0 * 6	01401461	0.	.0	.0
1	1035	128	2.	.1	.0 * 3	1810	795	0.	.0	.0 * 6	01451462	0.	.0	.0
1	1040	129	1.	.1	.0 * 3	1815	796	0.	.0	.0 * 6	01501463	0.	.0	.0
1	1045	130	1.	.1	.0 * 3	1820	797	0.	.0	.0 * 6	01551464	0.	.0	.0
1	1050	131	1.	.1	.0 * 3	1825	798	0.	.0	.0 * 6	02001465	0.	.0	.0
1	1055	132	1.	.1	.0 * 3	1830	799	0.	.0	.0 * 6	02051466	0.	.0	.0
1	1100	133	1.	.1	.0 * 3	1835	800	0.	.0	.0 * 6	02101467	0.	.0	.0
1	1105	134	1.	.1	.0 * 3	1840	801	0.	.0	.0 * 6	02151468	0.	.0	.0
1	1110	135	1.	.1	.0 * 3	1845	802	0.	.0	.0 * 6	02201469	0.	.0	.0
1	1115	136	1.	.0	.0 * 3	1850	803	0.	.0	.0 * 6	02251470	0.	.0	.0
1	1120	137	1.	.0	.0 * 3	1855	804	0.	.0	.0 * 6	02301471	0.	.0	.0
1	1125	138	1.	.0	.0 * 3	1900	805	0.	.0	.0 * 6	02351472	0.	.0	.0
1	1130	139	1.	.0	.0 * 3	1905	806	0.	.0	.0 * 6	02401473	0.	.0	.0
1	1135	140	0.	.0	.0 * 3	1910	807	0.	.0	.0 * 6	02451474	0.	.0	.0
1	1140	141	0.	.0	.0 * 3	1915	808	0.	.0	.0 * 6	02501475	0.	.0	.0
1	1145	142	0.	.0	.0 * 3	1920	809	0.	.0	.0 * 6	02551476	0.	.0	.0
1	1150	143	0.	.0	.0 * 3	1925	810	0.	.0	.0 * 6	03001477	0.	.0	.0
1	1155	144	0.	.0	.0 * 3	1930	811	0.	.0	.0 * 6	03051478	0.	.0	.0
1	1200	145	0.	.0	.0 * 3	1935	812	0.	.0	.0 * 6	03101479	0.	.0	.0
1	1205	146	0.	.0	.0 * 3	1940	813	0.	.0	.0 * 6	03151480	0.	.0	.0
1	1210	147	0.	.0	.0 * 3	1945	814	0.	.0	.0 * 6	03201481	0.	.0	.0
1	1215	148	0.	.0	.0 * 3	1950	815	0.	.0	.0 * 6	03251482	0.	.0	.0
1	1220	149	0.	.0	.0 * 3	1955	816	0.	.0	.0 * 6	03301483	0.	.0	.0
1	1225	150	0.	.0	.0 * 3	2000	817	0.	.0	.0 * 6	03351484	0.	.0	.0
1	1230	151	0.	.0	.0 * 3	2005	818	0.	.0	.0 * 6	03401485	0.	.0	.0
1	1235	152	0.	.0	.0 * 3	2010	819	0.	.0	.0 * 6	03451486	0.	.0	.0
1	1240	153	0.	.0	.0 * 3	2015	820	0.	.0	.0 * 6	03501487	0.	.0	.0
1	1245	154	0.	.0	.0 * 3	2020	821	0.	.0	.0 * 6	03551488	0.	.0	.0
1	1250	155	0.	.0	.0 * 3	2025	822	0.	.0	.0 * 6	04001489	0.	.0	.0
1	1255	156	0.	.0	.0 * 3	2030	823	0.	.0	.0 * 6	04051490	0.	.0	.0
1	1300	157	0.	.0	.0 * 3	2035	824	0.	.0	.0 * 6	04101491	0.	.0	.0
1	1305	158	0.	.0	.0 * 3	2040	825	0.	.0	.0 * 6	04151492	0.	.0	.0
1	1310	159	0.	.0	.0 * 3	2045	826	0.	.0	.0 * 6	04201493	0.	.0	.0
1	1315	160	0.	.0	.0 * 3	2050	827	0.	.0	.0 * 6	04251494	0.	.0	.0
1	1320	161	0.	.0	.0 * 3	2055	828	0.	.0	.0 * 6	04301495	0.	.0	.0
1	1325	162	0.	.0	.0 * 3	2100	829	0.	.0	.0 * 6	04351496	0.	.0	.0
1	1330	163	0.	.0	.0 * 3	2105	830	0.	.0	.0 * 6	04401497	0.	.0	.0
1	1335	164	0.	.0	.0 * 3	2110	831	0.	.0	.0 * 6	04451498	0.	.0	.0
1	1340	165	0.	.0	.0 * 3	2115	832	0.	.0	.0 * 6	04501499	0.	.0	.0
1	1345	166	0.	.0	.0 * 3	2120	833	0.	.0	.0 * 6	04551500	0.	.0	.0
1	1350	167	0.	.0	.0 * 3	2125	834	0.	.0	.0 * 6	05001501	0.	.0	.0
1	1355	168	0.	.0	.0 * 3	2130	835	0.	.0	.0 * 6	05051502	0.	.0	.0
1	1400	169	0.	.0	.0 * 3	2135	836	0.	.0	.0 * 6	05101503	0.	.0	.0
1	1405	170	0.	.0	.0 * 3	2140	837	0.	.0	.0 * 6	05151504	0.	.0	.0
1	1410	171	0.	.0	.0 * 3	2145	838	0.	.0	.0 * 6	05201505	0.	.0	.0
1	1415	172	0.	.0	.0 * 3	2150	839	0.	.0	.0 * 6	05251506	0.	.0	.0
1	1420	173	0.	.0	.0 * 3	2155	840	0.	.0	.0 * 6	05301507	0.	.0	.0
1	1425	174	0.	.0	.0 * 3	2200	841	0.	.0	.0 * 6	05351508	0.	.0	.0
1	1430	175	0.	.0	.0 * 3	2205	842	0.	.0	.0 * 6	05401509	0.	.0	.0
1	1435	176	0.	.0	.0 * 3	2210	843	0.	.0	.0 * 6	05451510	0.	.0	.0
1	1440	177	0.	.0	.0 * 3	2215	844	0.	.0	.0 * 6	05501511	0.	.0	.0
1	1445	178	0.	.0	.0 * 3	2220	845	0.	.0	.0 * 6	05551512	0.	.0	.0
1	1450	179	0.	.0	.0 * 3	2225	846	0.	.0	.0 * 6	06001513	0.	.0	.0
1	1455	180	0.	.0	.0 * 3	2230	847	0.	.0	.0 * 6	06051514	0.	.0	.0

								ULT						
1	1500	181	0.	.0	.0 * 3	2235	848	0.	.0	.0 * 6	06101515	0.	.0	.0
1	1505	182	0.	.0	.0 * 3	2240	849	0.	.0	.0 * 6	06151516	0.	.0	.0
1	1510	183	0.	.0	.0 * 3	2245	850	0.	.0	.0 * 6	06201517	0.	.0	.0
1	1515	184	0.	.0	.0 * 3	2250	851	0.	.0	.0 * 6	06251518	0.	.0	.0
1	1520	185	0.	.0	.0 * 3	2255	852	0.	.0	.0 * 6	06301519	0.	.0	.0
1	1525	186	0.	.0	.0 * 3	2300	853	0.	.0	.0 * 6	06351520	0.	.0	.0
1	1530	187	0.	.0	.0 * 3	2305	854	0.	.0	.0 * 6	06401521	0.	.0	.0
1	1535	188	0.	.0	.0 * 3	2310	855	0.	.0	.0 * 6	06451522	0.	.0	.0
1	1540	189	0.	.0	.0 * 3	2315	856	0.	.0	.0 * 6	06501523	0.	.0	.0
1	1545	190	0.	.0	.0 * 3	2320	857	0.	.0	.0 * 6	06551524	0.	.0	.0
1	1550	191	0.	.0	.0 * 3	2325	858	0.	.0	.0 * 6	07001525	0.	.0	.0
1	1555	192	0.	.0	.0 * 3	2330	859	0.	.0	.0 * 6	07051526	0.	.0	.0
1	1600	193	0.	.0	.0 * 3	2335	860	0.	.0	.0 * 6	07101527	0.	.0	.0
1	1605	194	0.	.0	.0 * 3	2340	861	0.	.0	.0 * 6	07151528	0.	.0	.0
1	1610	195	0.	.0	.0 * 3	2345	862	0.	.0	.0 * 6	07201529	0.	.0	.0
1	1615	196	0.	.0	.0 * 3	2350	863	0.	.0	.0 * 6	07251530	0.	.0	.0
1	1620	197	0.	.0	.0 * 3	2355	864	0.	.0	.0 * 6	07301531	0.	.0	.0
1	1625	198	0.	.0	.0 * 4	0000	865	0.	.0	.0 * 6	07351532	0.	.0	.0
1	1630	199	0.	.0	.0 * 4	0005	866	0.	.0	.0 * 6	07401533	0.	.0	.0
1	1635	200	0.	.0	.0 * 4	0010	867	0.	.0	.0 * 6	07451534	0.	.0	.0
1	1640	201	0.	.0	.0 * 4	0015	868	0.	.0	.0 * 6	07501535	0.	.0	.0
1	1645	202	0.	.0	.0 * 4	0020	869	0.	.0	.0 * 6	07551536	0.	.0	.0
1	1650	203	0.	.0	.0 * 4	0025	870	0.	.0	.0 * 6	08001537	0.	.0	.0
1	1655	204	0.	.0	.0 * 4	0030	871	0.	.0	.0 * 6	08051538	0.	.0	.0
1	1700	205	0.	.0	.0 * 4	0035	872	0.	.0	.0 * 6	08101539	0.	.0	.0
1	1705	206	0.	.0	.0 * 4	0040	873	0.	.0	.0 * 6	08151540	0.	.0	.0
1	1710	207	0.	.0	.0 * 4	0045	874	0.	.0	.0 * 6	08201541	0.	.0	.0
1	1715	208	0.	.0	.0 * 4	0050	875	0.	.0	.0 * 6	08251542	0.	.0	.0
1	1720	209	0.	.0	.0 * 4	0055	876	0.	.0	.0 * 6	08301543	0.	.0	.0
1	1725	210	0.	.0	.0 * 4	0100	877	0.	.0	.0 * 6	08351544	0.	.0	.0
1	1730	211	0.	.0	.0 * 4	0105	878	0.	.0	.0 * 6	08401545	0.	.0	.0
1	1735	212	0.	.0	.0 * 4	0110	879	0.	.0	.0 * 6	08451546	0.	.0	.0
1	1740	213	0.	.0	.0 * 4	0115	880	0.	.0	.0 * 6	08501547	0.	.0	.0
1	1745	214	0.	.0	.0 * 4	0120	881	0.	.0	.0 * 6	08551548	0.	.0	.0
1	1750	215	0.	.0	.0 * 4	0125	882	0.	.0	.0 * 6	09001549	0.	.0	.0
1	1755	216	0.	.0	.0 * 4	0130	883	0.	.0	.0 * 6	09051550	0.	.0	.0
1	1800	217	0.	.0	.0 * 4	0135	884	0.	.0	.0 * 6	09101551	0.	.0	.0
1	1805	218	0.	.0	.0 * 4	0140	885	0.	.0	.0 * 6	09151552	0.	.0	.0
1	1810	219	0.	.0	.0 * 4	0145	886	0.	.0	.0 * 6	09201553	0.	.0	.0
1	1815	220	0.	.0	.0 * 4	0150	887	0.	.0	.0 * 6	09251554	0.	.0	.0
1	1820	221	0.	.0	.0 * 4	0155	888	0.	.0	.0 * 6	09301555	0.	.0	.0
1	1825	222	0.	.0	.0 * 4	0200	889	0.	.0	.0 * 6	09351556	0.	.0	.0
1	1830	223	0.	.0	.0 * 4	0205	890	0.	.0	.0 * 6	09401557	0.	.0	.0
1	1835	224	0.	.0	.0 * 4	0210	891	0.	.0	.0 * 6	09451558	0.	.0	.0
1	1840	225	0.	.0	.0 * 4	0215	892	0.	.0	.0 * 6	09501559	0.	.0	.0
1	1845	226	0.	.0	.0 * 4	0220	893	0.	.0	.0 * 6	09551560	0.	.0	.0
1	1850	227	0.	.0	.0 * 4	0225	894	0.	.0	.0 * 6	10001561	0.	.0	.0
1	1855	228	0.	.0	.0 * 4	0230	895	0.	.0	.0 * 6	10051562	0.	.0	.0
1	1900	229	0.	.0	.0 * 4	0235	896	0.	.0	.0 * 6	10101563	0.	.0	.0
1	1905	230	0.	.0	.0 * 4	0240	897	0.	.0	.0 * 6	10151564	0.	.0	.0
1	1910	231	0.	.0	.0 * 4	0245	898	0.	.0	.0 * 6	10201565	0.	.0	.0
1	1915	232	0.	.0	.0 * 4	0250	899	0.	.0	.0 * 6	10251566	0.	.0	.0
1	1920	233	0.	.0	.0 * 4	0255	900	0.	.0	.0 * 6	10301567	0.	.0	.0
1	1925	234	0.	.0	.0 * 4	0300	901	0.	.0	.0 * 6	10351568	0.	.0	.0
1	1930	235	0.	.0	.0 * 4	0305	902	0.	.0	.0 * 6	10401569	0.	.0	.0
1	1935	236	0.	.0	.0 * 4	0310	903	0.	.0	.0 * 6	10451570	0.	.0	.0
1	1940	237	0.	.0	.0 * 4	0315	904	0.	.0	.0 * 6	10501571	0.	.0	.0
1	1945	238	0.	.0	.0 * 4	0320	905	0.	.0	.0 * 6	10551572	0.	.0	.0
1	1950	239	0.	.0	.0 * 4	0325	906	0.	.0	.0 * 6	11001573	0.	.0	.0
1	1955	240	0.	.0	.0 * 4	0330	907	0.	.0	.0 * 6	11051574	0.	.0	.0
1	2000	241	0.	.0	.0 * 4	0335	908	0.	.0	.0 * 6	11101575	0.	.0	.0
1	2005	242	0.	.0	.0 * 4	0340	909	0.	.0	.0 * 6	11151576	0.	.0	.0
1	2010	243	0.	.0	.0 * 4	0345	910	0.	.0	.0 * 6	11201577	0.	.0	.0
1	2015	244	0.	.0	.0 * 4	0350	911	0.	.0	.0 * 6	11251578	0.	.0	.0
1	2020	245	0.	.0	.0 * 4	0355	912	0.	.0	.0 * 6	11301579	0.	.0	.0
1	2025	246	0.	.0	.0 * 4	0400	913	0.	.0	.0 * 6	11351580	0.	.0	.0
1	2030	247	0.	.0	.0 * 4	0405	914	0.	.0	.0 * 6	11401581	0.	.0	.0
1	2035	248	0.	.0	.0 * 4	0410	915	0.	.0	.0 * 6	11451582	0.	.0	.0
1	2040	249	0.	.0	.0 * 4	0415	916	0.	.0	.0 * 6	11501583	0.	.0	.0
1	2045	250	0.	.0	.0 * 4	0420	917	0.	.0	.0 * 6	11551584	0.	.0	.0
1	2050	251	0.	.0	.0 * 4	0425	918	0.	.0	.0 * 6	12001585	0.	.0	.0
1	2055	252	0.	.0	.0 * 4	0430	919	0.	.0	.0 * 6	12051586	0.	.0	.0
1	2100	253	0.	.0	.0 * 4	0435	920	0.	.0	.0 * 6	12101587	0.	.0	.0
1	2105	254	0.	.0	.0 * 4	0440	921	0.	.0	.0 * 6	12151588	0.	.0	.0
1	2110	255	0.	.0	.0 * 4	0445	922	0.	.0	.0 * 6	12201589	0.	.0	.0
1	2115	256	0.	.0	.0 * 4	0450	923	0.	.0	.0 * 6	12251590	0.	.0	.0
1	2120	257	0.	.0	.0 * 4	0455	924	0.	.0	.0 * 6	12301591	0.	.0	.0
1	2125	258	0.	.0	.0 * 4	0500	925	0.	.0	.0 * 6	12351592	0.	.0	.0
1	2130	259	0.	.0	.0 * 4	0505	926	0.	.0	.0 * 6	12401593	0.	.0	.0
1	2135	260	0.	.0	.0 * 4	0510	927	0.	.0	.0 * 6	12451594	0.	.0	.0
1	2140	261	0.	.0	.0 * 4	0515	928	0.	.0	.0 * 6	12501595	0.	.0	.0
1	2145	262	0.	.0	.0 * 4	0520	929	0.	.0	.0 * 6	12551596	0.	.0	.0
1	2150	263	0.	.0	.0 * 4	0525	930	0.	.0	.0 * 6	13001597	0.	.0	.0
1	2155	264	0.	.0	.0 * 4	0530	931	0.	.0	.0 * 6	13051598	0.	.0	.0
1	2200	265	0.	.0	.0 * 4	0535	932	0.	.0	.0 * 6	13101599	0.	.0	.0
1	2205	266	0.	.0	.0 * 4	0540	933	0.	.0	.0 * 6	13151600	0.	.0	.0
1	2210	267	0.	.0	.0 * 4	0545	934	0.	.0	.0 * 6	13201601	0.	.0	.0
1	2215	268	0.	.0	.0 * 4	0550	935	0.	.0	.0 * 6	13251602	0.	.0	.0
1	2220	269	0.	.0	.0 * 4	0555	936	0.	.0	.0 * 6	13301603	0.	.0	.0

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1	2225	270	0.	.0	.0 *	4	0600	937	0.	.0	.0 *	6	13351604	0.	.0	.0
1	2230	271	0.	.0	.0 *	4	0605	938	0.	.0	.0 *	6	13401605	0.	.0	.0
1	2235	272	0.	.0	.0 *	4	0610	939	0.	.0	.0 *	6	13451606	0.	.0	.0
1	2240	273	0.	.0	.0 *	4	0615	940	0.	.0	.0 *	6	13501607	0.	.0	.0
1	2245	274	0.	.0	.0 *	4	0620	941	0.	.0	.0 *	6	13551608	0.	.0	.0
1	2250	275	0.	.0	.0 *	4	0625	942	0.	.0	.0 *	6	14001609	0.	.0	.0
1	2255	276	0.	.0	.0 *	4	0630	943	0.	.0	.0 *	6	14051610	0.	.0	.0
1	2300	277	0.	.0	.0 *	4	0635	944	0.	.0	.0 *	6	14101611	0.	.0	.0
1	2305	278	0.	.0	.0 *	4	0640	945	0.	.0	.0 *	6	14151612	0.	.0	.0
1	2310	279	0.	.0	.0 *	4	0645	946	0.	.0	.0 *	6	14201613	0.	.0	.0
1	2315	280	0.	.0	.0 *	4	0650	947	0.	.0	.0 *	6	14251614	0.	.0	.0
1	2320	281	0.	.0	.0 *	4	0655	948	0.	.0	.0 *	6	14301615	0.	.0	.0
1	2325	282	0.	.0	.0 *	4	0700	949	0.	.0	.0 *	6	14351616	0.	.0	.0
1	2330	283	0.	.0	.0 *	4	0705	950	0.	.0	.0 *	6	14401617	0.	.0	.0
1	2335	284	0.	.0	.0 *	4	0710	951	0.	.0	.0 *	6	14451618	0.	.0	.0
1	2340	285	0.	.0	.0 *	4	0715	952	0.	.0	.0 *	6	14501619	0.	.0	.0
1	2345	286	0.	.0	.0 *	4	0720	953	0.	.0	.0 *	6	14551620	0.	.0	.0
1	2350	287	0.	.0	.0 *	4	0725	954	0.	.0	.0 *	6	15001621	0.	.0	.0
1	2355	288	0.	.0	.0 *	4	0730	955	0.	.0	.0 *	6	15051622	0.	.0	.0
2	0000	289	0.	.0	.0 *	4	0735	956	0.	.0	.0 *	6	15101623	0.	.0	.0
2	0005	290	0.	.0	.0 *	4	0740	957	0.	.0	.0 *	6	15151624	0.	.0	.0
2	0010	291	0.	.0	.0 *	4	0745	958	0.	.0	.0 *	6	15201625	0.	.0	.0
2	0015	292	0.	.0	.0 *	4	0750	959	0.	.0	.0 *	6	15251626	0.	.0	.0
2	0020	293	0.	.0	.0 *	4	0755	960	0.	.0	.0 *	6	15301627	0.	.0	.0
2	0025	294	0.	.0	.0 *	4	0800	961	0.	.0	.0 *	6	15351628	0.	.0	.0
2	0030	295	0.	.0	.0 *	4	0805	962	0.	.0	.0 *	6	15401629	0.	.0	.0
2	0035	296	0.	.0	.0 *	4	0810	963	0.	.0	.0 *	6	15451630	0.	.0	.0
2	0040	297	0.	.0	.0 *	4	0815	964	0.	.0	.0 *	6	15501631	0.	.0	.0
2	0045	298	0.	.0	.0 *	4	0820	965	0.	.0	.0 *	6	15551632	0.	.0	.0
2	0050	299	0.	.0	.0 *	4	0825	966	0.	.0	.0 *	6	16001633	0.	.0	.0
2	0055	300	0.	.0	.0 *	4	0830	967	0.	.0	.0 *	6	16051634	0.	.0	.0
2	0100	301	0.	.0	.0 *	4	0835	968	0.	.0	.0 *	6	16101635	0.	.0	.0
2	0105	302	0.	.0	.0 *	4	0840	969	0.	.0	.0 *	6	16151636	0.	.0	.0
2	0110	303	0.	.0	.0 *	4	0845	970	0.	.0	.0 *	6	16201637	0.	.0	.0
2	0115	304	0.	.0	.0 *	4	0850	971	0.	.0	.0 *	6	16251638	0.	.0	.0
2	0120	305	0.	.0	.0 *	4	0855	972	0.	.0	.0 *	6	16301639	0.	.0	.0
2	0125	306	0.	.0	.0 *	4	0900	973	0.	.0	.0 *	6	16351640	0.	.0	.0
2	0130	307	0.	.0	.0 *	4	0905	974	0.	.0	.0 *	6	16401641	0.	.0	.0
2	0135	308	0.	.0	.0 *	4	0910	975	0.	.0	.0 *	6	16451642	0.	.0	.0
2	0140	309	0.	.0	.0 *	4	0915	976	0.	.0	.0 *	6	16501643	0.	.0	.0
2	0145	310	0.	.0	.0 *	4	0920	977	0.	.0	.0 *	6	16551644	0.	.0	.0
2	0150	311	0.	.0	.0 *	4	0925	978	0.	.0	.0 *	6	17001645	0.	.0	.0
2	0155	312	0.	.0	.0 *	4	0930	979	0.	.0	.0 *	6	17051646	0.	.0	.0
2	0200	313	0.	.0	.0 *	4	0935	980	0.	.0	.0 *	6	17101647	0.	.0	.0
2	0205	314	0.	.0	.0 *	4	0940	981	0.	.0	.0 *	6	17151648	0.	.0	.0
2	0210	315	0.	.0	.0 *	4	0945	982	0.	.0	.0 *	6	17201649	0.	.0	.0
2	0215	316	0.	.0	.0 *	4	0950	983	0.	.0	.0 *	6	17251650	0.	.0	.0
2	0220	317	0.	.0	.0 *	4	0955	984	0.	.0	.0 *	6	17301651	0.	.0	.0
2	0225	318	0.	.0	.0 *	4	1000	985	0.	.0	.0 *	6	17351652	0.	.0	.0
2	0230	319	0.	.0	.0 *	4	1005	986	0.	.0	.0 *	6	17401653	0.	.0	.0
2	0235	320	0.	.0	.0 *	4	1010	987	0.	.0	.0 *	6	17451654	0.	.0	.0
2	0240	321	0.	.0	.0 *	4	1015	988	0.	.0	.0 *	6	17501655	0.	.0	.0
2	0245	322	0.	.0	.0 *	4	1020	989	0.	.0	.0 *	6	17551656	0.	.0	.0
2	0250	323	0.	.0	.0 *	4	1025	990	0.	.0	.0 *	6	18001657	0.	.0	.0
2	0255	324	0.	.0	.0 *	4	1030	991	0.	.0	.0 *	6	18051658	0.	.0	.0
2	0300	325	0.	.0	.0 *	4	1035	992	0.	.0	.0 *	6	18101659	0.	.0	.0
2	0305	326	0.	.0	.0 *	4	1040	993	0.	.0	.0 *	6	18151660	0.	.0	.0
2	0310	327	0.	.0	.0 *	4	1045	994	0.	.0	.0 *	6	18201661	0.	.0	.0
2	0315	328	0.	.0	.0 *	4	1050	995	0.	.0	.0 *	6	18251662	0.	.0	.0
2	0320	329	0.	.0	.0 *	4	1055	996	0.	.0	.0 *	6	18301663	0.	.0	.0
2	0325	330	0.	.0	.0 *	4	1100	997	0.	.0	.0 *	6	18351664	0.	.0	.0
2	0330	331	0.	.0	.0 *	4	1105	998	0.	.0	.0 *	6	18401665	0.	.0	.0
2	0335	332	0.	.0	.0 *	4	1110	999	0.	.0	.0 *	6	18451666	0.	.0	.0
2	0340	333	0.	.0	.0 *	4	11151000		0.	.0	.0 *	6	18501667	0.	.0	.0
2	0345	334	0.	.0	.0 *	4	11201001		0.	.0	.0 *	6	18551668	0.	.0	.0
2	0350	335	0.	.0	.0 *	4	11251002		0.	.0	.0 *	6	19001669	0.	.0	.0
2	0355	336	0.	.0	.0 *	4	11301003		0.	.0	.0 *	6	19051670	0.	.0	.0
2	0400	337	0.	.0	.0 *	4	11351004		0.	.0	.0 *	6	19101671	0.	.0	.0
2	0405	338	0.	.0	.0 *	4	11401005		0.	.0	.0 *	6	19151672	0.	.0	.0
2	0410	339	0.	.0	.0 *	4	11451006		0.	.0	.0 *	6	19201673	0.	.0	.0
2	0415	340	0.	.0	.0 *	4	11501007		0.	.0	.0 *	6	19251674	0.	.0	.0
2	0420	341	0.	.0	.0 *	4	11551008		0.	.0	.0 *	6	19301675	0.	.0	.0
2	0425	342	0.	.0	.0 *	4	12001009		0.	.0	.0 *	6	19351676	0.	.0	.0
2	0430	343	0.	.0	.0 *	4	12051010		0.	.0	.0 *	6	19401677	0.	.0	.0
2	0435	344	0.	.0	.0 *	4	12101011		0.	.0	.0 *	6	19451678	0.	.0	.0
2	0440	345	0.	.0	.0 *	4	12151012		0.	.0	.0 *	6	19501679	0.	.0	.0
2	0445	346	0.	.0	.0 *	4	12201013		0.	.0	.0 *	6	19551680	0.	.0	.0
2	0450	347	0.	.0	.0 *	4	12251014		0.	.0	.0 *	6	20001681	0.	.0	.0
2	0455	348	0.	.0	.0 *	4	12301015		0.	.0	.0 *	6	20051682	0.	.0	.0
2	0500	349	0.	.0	.0 *	4	12351016		0.	.0	.0 *	6	20101683	0.	.0	.0
2	0505	350	0.	.0	.0 *	4	12401017		0.	.0	.0 *	6	20151684	0.	.0	.0
2	0510	351	0.	.0	.0 *	4	12451018		0.	.0	.0 *	6	20201685	0.	.0	.0
2	0515	352	0.	.0	.0 *	4	12501019		0.	.0	.0 *	6	20251686	0.	.0	.0
2	0520	353	0.	.0	.0 *	4	12551020		0.	.0	.0 *	6	20301687	0.	.0	.0
2	0525	354	0.	.0	.0 *	4	13001021		0.	.0	.0 *	6	20351688	0.	.0	.0
2	0530	355	0.	.0	.0 *	4	13051022		0.	.0	.0 *	6	20401689	0.	.0	.0
2	0535	356	0.	.0	.0 *	4	13101023		0.	.0	.0 *	6	20451690	0.	.0	.0
2	0540	357	0.	.0	.0 *	4	13151024		0.	.0	.0 *	6	20501691	0.	.0	.0
2	0545	358	0.	.0	.0 *	4	13201025		0.	.0	.0 *	6	20551692	0.	.0	.0

								ULT						
2	0550	359	0.	.0	.0 *	4	13251026	0.	.0	.0 *	6	21001693	0.	.0	.0
2	0555	360	0.	.0	.0 *	4	13301027	0.	.0	.0 *	6	21051694	0.	.0	.0
2	0600	361	0.	.0	.0 *	4	13351028	0.	.0	.0 *	6	21101695	0.	.0	.0
2	0605	362	0.	.0	.0 *	4	13401029	0.	.0	.0 *	6	21151696	0.	.0	.0
2	0610	363	0.	.0	.0 *	4	13451030	0.	.0	.0 *	6	21201697	0.	.0	.0
2	0615	364	0.	.0	.0 *	4	13501031	0.	.0	.0 *	6	21251698	0.	.0	.0
2	0620	365	0.	.0	.0 *	4	13551032	0.	.0	.0 *	6	21301699	0.	.0	.0
2	0625	366	0.	.0	.0 *	4	14001033	0.	.0	.0 *	6	21351700	0.	.0	.0
2	0630	367	0.	.0	.0 *	4	14051034	0.	.0	.0 *	6	21401701	0.	.0	.0
2	0635	368	0.	.0	.0 *	4	14101035	0.	.0	.0 *	6	21451702	0.	.0	.0
2	0640	369	0.	.0	.0 *	4	14151036	0.	.0	.0 *	6	21501703	0.	.0	.0
2	0645	370	0.	.0	.0 *	4	14201037	0.	.0	.0 *	6	21551704	0.	.0	.0
2	0650	371	0.	.0	.0 *	4	14251038	0.	.0	.0 *	6	22001705	0.	.0	.0
2	0655	372	0.	.0	.0 *	4	14301039	0.	.0	.0 *	6	22051706	0.	.0	.0
2	0700	373	0.	.0	.0 *	4	14351040	0.	.0	.0 *	6	22101707	0.	.0	.0
2	0705	374	0.	.0	.0 *	4	14401041	0.	.0	.0 *	6	22151708	0.	.0	.0
2	0710	375	0.	.0	.0 *	4	14451042	0.	.0	.0 *	6	22201709	0.	.0	.0
2	0715	376	0.	.0	.0 *	4	14501043	0.	.0	.0 *	6	22251710	0.	.0	.0
2	0720	377	0.	.0	.0 *	4	14551044	0.	.0	.0 *	6	22301711	0.	.0	.0
2	0725	378	0.	.0	.0 *	4	15001045	0.	.0	.0 *	6	22351712	0.	.0	.0
2	0730	379	0.	.0	.0 *	4	15051046	0.	.0	.0 *	6	22401713	0.	.0	.0
2	0735	380	0.	.0	.0 *	4	15101047	0.	.0	.0 *	6	22451714	0.	.0	.0
2	0740	381	0.	.0	.0 *	4	15151048	0.	.0	.0 *	6	22501715	0.	.0	.0
2	0745	382	0.	.0	.0 *	4	15201049	0.	.0	.0 *	6	22551716	0.	.0	.0
2	0750	383	0.	.0	.0 *	4	15251050	0.	.0	.0 *	6	23001717	0.	.0	.0
2	0755	384	0.	.0	.0 *	4	15301051	0.	.0	.0 *	6	23051718	0.	.0	.0
2	0800	385	0.	.0	.0 *	4	15351052	0.	.0	.0 *	6	23101719	0.	.0	.0
2	0805	386	0.	.0	.0 *	4	15401053	0.	.0	.0 *	6	23151720	0.	.0	.0
2	0810	387	0.	.0	.0 *	4	15451054	0.	.0	.0 *	6	23201721	0.	.0	.0
2	0815	388	0.	.0	.0 *	4	15501055	0.	.0	.0 *	6	23251722	0.	.0	.0
2	0820	389	0.	.0	.0 *	4	15551056	0.	.0	.0 *	6	23301723	0.	.0	.0
2	0825	390	0.	.0	.0 *	4	16001057	0.	.0	.0 *	6	23351724	0.	.0	.0
2	0830	391	0.	.0	.0 *	4	16051058	0.	.0	.0 *	6	23401725	0.	.0	.0
2	0835	392	0.	.0	.0 *	4	16101059	0.	.0	.0 *	6	23451726	0.	.0	.0
2	0840	393	0.	.0	.0 *	4	16151060	0.	.0	.0 *	6	23501727	0.	.0	.0
2	0845	394	0.	.0	.0 *	4	16201061	0.	.0	.0 *	6	23551728	0.	.0	.0
2	0850	395	0.	.0	.0 *	4	16251062	0.	.0	.0 *	7	00001729	0.	.0	.0
2	0855	396	0.	.0	.0 *	4	16301063	0.	.0	.0 *	7	00051730	0.	.0	.0
2	0900	397	0.	.0	.0 *	4	16351064	0.	.0	.0 *	7	00101731	0.	.0	.0
2	0905	398	0.	.0	.0 *	4	16401065	0.	.0	.0 *	7	00151732	0.	.0	.0
2	0910	399	0.	.0	.0 *	4	16451066	0.	.0	.0 *	7	00201733	0.	.0	.0
2	0915	400	0.	.0	.0 *	4	16501067	0.	.0	.0 *	7	00251734	0.	.0	.0
2	0920	401	0.	.0	.0 *	4	16551068	0.	.0	.0 *	7	00301735	0.	.0	.0
2	0925	402	0.	.0	.0 *	4	17001069	0.	.0	.0 *	7	00351736	0.	.0	.0
2	0930	403	0.	.0	.0 *	4	17051070	0.	.0	.0 *	7	00401737	0.	.0	.0
2	0935	404	0.	.0	.0 *	4	17101071	0.	.0	.0 *	7	00451738	0.	.0	.0
2	0940	405	0.	.0	.0 *	4	17151072	0.	.0	.0 *	7	00501739	0.	.0	.0
2	0945	406	0.	.0	.0 *	4	17201073	0.	.0	.0 *	7	00551740	0.	.0	.0
2	0950	407	0.	.0	.0 *	4	17251074	0.	.0	.0 *	7	01001741	0.	.0	.0
2	0955	408	0.	.0	.0 *	4	17301075	0.	.0	.0 *	7	01051742	0.	.0	.0
2	1000	409	0.	.0	.0 *	4	17351076	0.	.0	.0 *	7	01101743	0.	.0	.0
2	1005	410	0.	.0	.0 *	4	17401077	0.	.0	.0 *	7	01151744	0.	.0	.0
2	1010	411	0.	.0	.0 *	4	17451078	0.	.0	.0 *	7	01201745	0.	.0	.0
2	1015	412	0.	.0	.0 *	4	17501079	0.	.0	.0 *	7	01251746	0.	.0	.0
2	1020	413	0.	.0	.0 *	4	17551080	0.	.0	.0 *	7	01301747	0.	.0	.0
2	1025	414	0.	.0	.0 *	4	18001081	0.	.0	.0 *	7	01351748	0.	.0	.0
2	1030	415	0.	.0	.0 *	4	18051082	0.	.0	.0 *	7	01401749	0.	.0	.0
2	1035	416	0.	.0	.0 *	4	18101083	0.	.0	.0 *	7	01451750	0.	.0	.0
2	1040	417	0.	.0	.0 *	4	18151084	0.	.0	.0 *	7	01501751	0.	.0	.0
2	1045	418	0.	.0	.0 *	4	18201085	0.	.0	.0 *	7	01551752	0.	.0	.0
2	1050	419	0.	.0	.0 *	4	18251086	0.	.0	.0 *	7	02001753	0.	.0	.0
2	1055	420	0.	.0	.0 *	4	18301087	0.	.0	.0 *	7	02051754	0.	.0	.0
2	1100	421	0.	.0	.0 *	4	18351088	0.	.0	.0 *	7	02101755	0.	.0	.0
2	1105	422	0.	.0	.0 *	4	18401089	0.	.0	.0 *	7	02151756	0.	.0	.0
2	1110	423	0.	.0	.0 *	4	18451090	0.	.0	.0 *	7	02201757	0.	.0	.0
2	1115	424	0.	.0	.0 *	4	18501091	0.	.0	.0 *	7	02251758	0.	.0	.0
2	1120	425	0.	.0	.0 *	4	18551092	0.	.0	.0 *	7	02301759	0.	.0	.0
2	1125	426	0.	.0	.0 *	4	19001093	0.	.0	.0 *	7	02351760	0.	.0	.0
2	1130	427	0.	.0	.0 *	4	19051094	0.	.0	.0 *	7	02401761	0.	.0	.0
2	1135	428	0.	.0	.0 *	4	19101095	0.	.0	.0 *	7	02451762	0.	.0	.0
2	1140	429	0.	.0	.0 *	4	19151096	0.	.0	.0 *	7	02501763	0.	.0	.0
2	1145	430	0.	.0	.0 *	4	19201097	0.	.0	.0 *	7	02551764	0.	.0	.0
2	1150	431	0.	.0	.0 *	4	19251098	0.	.0	.0 *	7	03001765	0.	.0	.0
2	1155	432	0.	.0	.0 *	4	19301099	0.	.0	.0 *	7	03051766	0.	.0	.0
2	1200	433	0.	.0	.0 *	4	19351100	0.	.0	.0 *	7	03101767	0.	.0	.0
2	1205	434	0.	.0	.0 *	4	19401101	0.	.0	.0 *	7	03151768	0.	.0	.0
2	1210	435	0.	.0	.0 *	4	19451102	0.	.0	.0 *	7	03201769	0.	.0	.0
2	1215	436	0.	.0	.0 *	4	19501103	0.	.0	.0 *	7	03251770	0.	.0	.0
2	1220	437	0.	.0	.0 *	4	19551104	0.	.0	.0 *	7	03301771	0.	.0	.0
2	1225	438	0.	.0	.0 *	4	20001105	0.	.0	.0 *	7	03351772	0.	.0	.0
2	1230	439	0.	.0	.0 *	4	20051106	0.	.0	.0 *	7	03401773	0.	.0	.0
2	1235	440	0.	.0	.0 *	4	20101107	0.	.0	.0 *	7	03451774	0.	.0	.0
2	1240	441	0.	.0	.0 *	4	20151108	0.	.0	.0 *	7	03501775	0.	.0	.0
2	1245	442	0.	.0	.0 *	4	20201109	0.	.0	.0 *	7	03551776	0.	.0	.0
2	1250	443	0.	.0	.0 *	4	20251110	0.	.0	.0 *	7	04001777	0.	.0	.0
2	1255	444	0.	.0	.0 *	4	20301111	0.	.0	.0 *	7	04051778	0.	.0	.0
2	1300	445	0.	.0	.0 *	4	20351112	0.	.0	.0 *	7	04101779	0.	.0	.0
2	1305	446	0.	.0	.0 *	4	20401113	0.	.0	.0 *	7	04151780	0.	.0	.0
2	1310	447	0.	.0	.0 *	4	20451114	0.	.0	.0 *	7	04201781	0.	.0	.0

								ULT					
2	1315 448	0.	.0	.0 * 4	20501115	0.	.0	.0 * 7	04251782	0.	.0	.0	
2	1320 449	0.	.0	.0 * 4	20551116	0.	.0	.0 * 7	04301783	0.	.0	.0	
2	1325 450	0.	.0	.0 * 4	21001117	0.	.0	.0 * 7	04351784	0.	.0	.0	
2	1330 451	0.	.0	.0 * 4	21051118	0.	.0	.0 * 7	04401785	0.	.0	.0	
2	1335 452	0.	.0	.0 * 4	21101119	0.	.0	.0 * 7	04451786	0.	.0	.0	
2	1340 453	0.	.0	.0 * 4	21151120	0.	.0	.0 * 7	04501787	0.	.0	.0	
2	1345 454	0.	.0	.0 * 4	21201121	0.	.0	.0 * 7	04551788	0.	.0	.0	
2	1350 455	0.	.0	.0 * 4	21251122	0.	.0	.0 * 7	05001789	0.	.0	.0	
2	1355 456	0.	.0	.0 * 4	21301123	0.	.0	.0 * 7	05051790	0.	.0	.0	
2	1400 457	0.	.0	.0 * 4	21351124	0.	.0	.0 * 7	05101791	0.	.0	.0	
2	1405 458	0.	.0	.0 * 4	21401125	0.	.0	.0 * 7	05151792	0.	.0	.0	
2	1410 459	0.	.0	.0 * 4	21451126	0.	.0	.0 * 7	05201793	0.	.0	.0	
2	1415 460	0.	.0	.0 * 4	21501127	0.	.0	.0 * 7	05251794	0.	.0	.0	
2	1420 461	0.	.0	.0 * 4	21551128	0.	.0	.0 * 7	05301795	0.	.0	.0	
2	1425 462	0.	.0	.0 * 4	22001129	0.	.0	.0 * 7	05351796	0.	.0	.0	
2	1430 463	0.	.0	.0 * 4	22051130	0.	.0	.0 * 7	05401797	0.	.0	.0	
2	1435 464	0.	.0	.0 * 4	22101131	0.	.0	.0 * 7	05451798	0.	.0	.0	
2	1440 465	0.	.0	.0 * 4	22151132	0.	.0	.0 * 7	05501799	0.	.0	.0	
2	1445 466	0.	.0	.0 * 4	22201133	0.	.0	.0 * 7	05551800	0.	.0	.0	
2	1450 467	0.	.0	.0 * 4	22251134	0.	.0	.0 * 7	06001801	0.	.0	.0	
2	1455 468	0.	.0	.0 * 4	22301135	0.	.0	.0 * 7	06051802	0.	.0	.0	
2	1500 469	0.	.0	.0 * 4	22351136	0.	.0	.0 * 7	06101803	0.	.0	.0	
2	1505 470	0.	.0	.0 * 4	22401137	0.	.0	.0 * 7	06151804	0.	.0	.0	
2	1510 471	0.	.0	.0 * 4	22451138	0.	.0	.0 * 7	06201805	0.	.0	.0	
2	1515 472	0.	.0	.0 * 4	22501139	0.	.0	.0 * 7	06251806	0.	.0	.0	
2	1520 473	0.	.0	.0 * 4	22551140	0.	.0	.0 * 7	06301807	0.	.0	.0	
2	1525 474	0.	.0	.0 * 4	23001141	0.	.0	.0 * 7	06351808	0.	.0	.0	
2	1530 475	0.	.0	.0 * 4	23051142	0.	.0	.0 * 7	06401809	0.	.0	.0	
2	1535 476	0.	.0	.0 * 4	23101143	0.	.0	.0 * 7	06451810	0.	.0	.0	
2	1540 477	0.	.0	.0 * 4	23151144	0.	.0	.0 * 7	06501811	0.	.0	.0	
2	1545 478	0.	.0	.0 * 4	23201145	0.	.0	.0 * 7	06551812	0.	.0	.0	
2	1550 479	0.	.0	.0 * 4	23251146	0.	.0	.0 * 7	07001813	0.	.0	.0	
2	1555 480	0.	.0	.0 * 4	23301147	0.	.0	.0 * 7	07051814	0.	.0	.0	
2	1600 481	0.	.0	.0 * 4	23351148	0.	.0	.0 * 7	07101815	0.	.0	.0	
2	1605 482	0.	.0	.0 * 4	23401149	0.	.0	.0 * 7	07151816	0.	.0	.0	
2	1610 483	0.	.0	.0 * 4	23451150	0.	.0	.0 * 7	07201817	0.	.0	.0	
2	1615 484	0.	.0	.0 * 4	23501151	0.	.0	.0 * 7	07251818	0.	.0	.0	
2	1620 485	0.	.0	.0 * 4	23551152	0.	.0	.0 * 7	07301819	0.	.0	.0	
2	1625 486	0.	.0	.0 * 5	00001153	0.	.0	.0 * 7	07351820	0.	.0	.0	
2	1630 487	0.	.0	.0 * 5	00051154	0.	.0	.0 * 7	07401821	0.	.0	.0	
2	1635 488	0.	.0	.0 * 5	00101155	0.	.0	.0 * 7	07451822	0.	.0	.0	
2	1640 489	0.	.0	.0 * 5	00151156	0.	.0	.0 * 7	07501823	0.	.0	.0	
2	1645 490	0.	.0	.0 * 5	00201157	0.	.0	.0 * 7	07551824	0.	.0	.0	
2	1650 491	0.	.0	.0 * 5	00251158	0.	.0	.0 * 7	08001825	0.	.0	.0	
2	1655 492	0.	.0	.0 * 5	00301159	0.	.0	.0 * 7	08051826	0.	.0	.0	
2	1700 493	0.	.0	.0 * 5	00351160	0.	.0	.0 * 7	08101827	0.	.0	.0	
2	1705 494	0.	.0	.0 * 5	00401161	0.	.0	.0 * 7	08151828	0.	.0	.0	
2	1710 495	0.	.0	.0 * 5	00451162	0.	.0	.0 * 7	08201829	0.	.0	.0	
2	1715 496	0.	.0	.0 * 5	00501163	0.	.0	.0 * 7	08251830	0.	.0	.0	
2	1720 497	0.	.0	.0 * 5	00551164	0.	.0	.0 * 7	08301831	0.	.0	.0	
2	1725 498	0.	.0	.0 * 5	01001165	0.	.0	.0 * 7	08351832	0.	.0	.0	
2	1730 499	0.	.0	.0 * 5	01051166	0.	.0	.0 * 7	08401833	0.	.0	.0	
2	1735 500	0.	.0	.0 * 5	01101167	0.	.0	.0 * 7	08451834	0.	.0	.0	
2	1740 501	0.	.0	.0 * 5	01151168	0.	.0	.0 * 7	08501835	0.	.0	.0	
2	1745 502	0.	.0	.0 * 5	01201169	0.	.0	.0 * 7	08551836	0.	.0	.0	
2	1750 503	0.	.0	.0 * 5	01251170	0.	.0	.0 * 7	09001837	0.	.0	.0	
2	1755 504	0.	.0	.0 * 5	01301171	0.	.0	.0 * 7	09051838	0.	.0	.0	
2	1800 505	0.	.0	.0 * 5	01351172	0.	.0	.0 * 7	09101839	0.	.0	.0	
2	1805 506	0.	.0	.0 * 5	01401173	0.	.0	.0 * 7	09151840	0.	.0	.0	
2	1810 507	0.	.0	.0 * 5	01451174	0.	.0	.0 * 7	09201841	0.	.0	.0	
2	1815 508	0.	.0	.0 * 5	01501175	0.	.0	.0 * 7	09251842	0.	.0	.0	
2	1820 509	0.	.0	.0 * 5	01551176	0.	.0	.0 * 7	09301843	0.	.0	.0	
2	1825 510	0.	.0	.0 * 5	02001177	0.	.0	.0 * 7	09351844	0.	.0	.0	
2	1830 511	0.	.0	.0 * 5	02051178	0.	.0	.0 * 7	09401845	0.	.0	.0	
2	1835 512	0.	.0	.0 * 5	02101179	0.	.0	.0 * 7	09451846	0.	.0	.0	
2	1840 513	0.	.0	.0 * 5	02151180	0.	.0	.0 * 7	09501847	0.	.0	.0	
2	1845 514	0.	.0	.0 * 5	02201181	0.	.0	.0 * 7	09551848	0.	.0	.0	
2	1850 515	0.	.0	.0 * 5	02251182	0.	.0	.0 * 7	10001849	0.	.0	.0	
2	1855 516	0.	.0	.0 * 5	02301183	0.	.0	.0 * 7	10051850	0.	.0	.0	
2	1900 517	0.	.0	.0 * 5	02351184	0.	.0	.0 * 7	10101851	0.	.0	.0	
2	1905 518	0.	.0	.0 * 5	02401185	0.	.0	.0 * 7	10151852	0.	.0	.0	
2	1910 519	0.	.0	.0 * 5	02451186	0.	.0	.0 * 7	10201853	0.	.0	.0	
2	1915 520	0.	.0	.0 * 5	02501187	0.	.0	.0 * 7	10251854	0.	.0	.0	
2	1920 521	0.	.0	.0 * 5	02551188	0.	.0	.0 * 7	10301855	0.	.0	.0	
2	1925 522	0.	.0	.0 * 5	03001189	0.	.0	.0 * 7	10351856	0.	.0	.0	
2	1930 523	0.	.0	.0 * 5	03051190	0.	.0	.0 * 7	10401857	0.	.0	.0	
2	1935 524	0.	.0	.0 * 5	03101191	0.	.0	.0 * 7	10451858	0.	.0	.0	
2	1940 525	0.	.0	.0 * 5	03151192	0.	.0	.0 * 7	10501859	0.	.0	.0	
2	1945 526	0.	.0	.0 * 5	03201193	0.	.0	.0 * 7	10551860	0.	.0	.0	
2	1950 527	0.	.0	.0 * 5	03251194	0.	.0	.0 * 7	11001861	0.	.0	.0	
2	1955 528	0.	.0	.0 * 5	03301195	0.	.0	.0 * 7	11051862	0.	.0	.0	
2	2000 529	0.	.0	.0 * 5	03351196	0.	.0	.0 * 7	11101863	0.	.0	.0	
2	2005 530	0.	.0	.0 * 5	03401197	0.	.0	.0 * 7	11151864	0.	.0	.0	
2	2010 531	0.	.0	.0 * 5	03451198	0.	.0	.0 * 7	11201865	0.	.0	.0	
2	2015 532	0.	.0	.0 * 5	03501199	0.	.0	.0 * 7	11251866	0.	.0	.0	
2	2020 533	0.	.0	.0 * 5	03551200	0.	.0	.0 * 7	11301867	0.	.0	.0	
2	2025 534	0.	.0	.0 * 5	04001201	0.	.0	.0 * 7	11351868	0.	.0	.0	
2	2030 535	0.	.0	.0 * 5	04051202	0.	.0	.0 * 7	11401869	0.	.0	.0	
2	2035 536	0.	.0	.0 * 5	04101203	0.	.0	.0 * 7	11451870	0.	.0	.0	

									ULT					
2	2040	537	0.	.0	.0 * 5	04151204	0.	.0	.0 * 7	11501871	0.	.0	.0	
2	2045	538	0.	.0	.0 * 5	04201205	0.	.0	.0 * 7	11551872	0.	.0	.0	
2	2050	539	0.	.0	.0 * 5	04251206	0.	.0	.0 * 7	12001873	0.	.0	.0	
2	2055	540	0.	.0	.0 * 5	04301207	0.	.0	.0 * 7	12051874	0.	.0	.0	
2	2100	541	0.	.0	.0 * 5	04351208	0.	.0	.0 * 7	12101875	0.	.0	.0	
2	2105	542	0.	.0	.0 * 5	04401209	0.	.0	.0 * 7	12151876	0.	.0	.0	
2	2110	543	0.	.0	.0 * 5	04451210	0.	.0	.0 * 7	12201877	0.	.0	.0	
2	2115	544	0.	.0	.0 * 5	04501211	0.	.0	.0 * 7	12251878	0.	.0	.0	
2	2120	545	0.	.0	.0 * 5	04551212	0.	.0	.0 * 7	12301879	0.	.0	.0	
2	2125	546	0.	.0	.0 * 5	05001213	0.	.0	.0 * 7	12351880	0.	.0	.0	
2	2130	547	0.	.0	.0 * 5	05051214	0.	.0	.0 * 7	12401881	0.	.0	.0	
2	2135	548	0.	.0	.0 * 5	05101215	0.	.0	.0 * 7	12451882	0.	.0	.0	
2	2140	549	0.	.0	.0 * 5	05151216	0.	.0	.0 * 7	12501883	0.	.0	.0	
2	2145	550	0.	.0	.0 * 5	05201217	0.	.0	.0 * 7	12551884	0.	.0	.0	
2	2150	551	0.	.0	.0 * 5	05251218	0.	.0	.0 * 7	13001885	0.	.0	.0	
2	2155	552	0.	.0	.0 * 5	05301219	0.	.0	.0 * 7	13051886	0.	.0	.0	
2	2200	553	0.	.0	.0 * 5	05351220	0.	.0	.0 * 7	13101887	0.	.0	.0	
2	2205	554	0.	.0	.0 * 5	05401221	0.	.0	.0 * 7	13151888	0.	.0	.0	
2	2210	555	0.	.0	.0 * 5	05451222	0.	.0	.0 * 7	13201889	0.	.0	.0	
2	2215	556	0.	.0	.0 * 5	05501223	0.	.0	.0 * 7	13251890	0.	.0	.0	
2	2220	557	0.	.0	.0 * 5	05551224	0.	.0	.0 * 7	13301891	0.	.0	.0	
2	2225	558	0.	.0	.0 * 5	06001225	0.	.0	.0 * 7	13351892	0.	.0	.0	
2	2230	559	0.	.0	.0 * 5	06051226	0.	.0	.0 * 7	13401893	0.	.0	.0	
2	2235	560	0.	.0	.0 * 5	06101227	0.	.0	.0 * 7	13451894	0.	.0	.0	
2	2240	561	0.	.0	.0 * 5	06151228	0.	.0	.0 * 7	13501895	0.	.0	.0	
2	2245	562	0.	.0	.0 * 5	06201229	0.	.0	.0 * 7	13551896	0.	.0	.0	
2	2250	563	0.	.0	.0 * 5	06251230	0.	.0	.0 * 7	14001897	0.	.0	.0	
2	2255	564	0.	.0	.0 * 5	06301231	0.	.0	.0 * 7	14051898	0.	.0	.0	
2	2300	565	0.	.0	.0 * 5	06351232	0.	.0	.0 * 7	14101899	0.	.0	.0	
2	2305	566	0.	.0	.0 * 5	06401233	0.	.0	.0 * 7	14151900	0.	.0	.0	
2	2310	567	0.	.0	.0 * 5	06451234	0.	.0	.0 * 7	14201901	0.	.0	.0	
2	2315	568	0.	.0	.0 * 5	06501235	0.	.0	.0 * 7	14251902	0.	.0	.0	
2	2320	569	0.	.0	.0 * 5	06551236	0.	.0	.0 * 7	14301903	0.	.0	.0	
2	2325	570	0.	.0	.0 * 5	07001237	0.	.0	.0 * 7	14351904	0.	.0	.0	
2	2330	571	0.	.0	.0 * 5	07051238	0.	.0	.0 * 7	14401905	0.	.0	.0	
2	2335	572	0.	.0	.0 * 5	07101239	0.	.0	.0 * 7	14451906	0.	.0	.0	
2	2340	573	0.	.0	.0 * 5	07151240	0.	.0	.0 * 7	14501907	0.	.0	.0	
2	2345	574	0.	.0	.0 * 5	07201241	0.	.0	.0 * 7	14551908	0.	.0	.0	
2	2350	575	0.	.0	.0 * 5	07251242	0.	.0	.0 * 7	15001909	0.	.0	.0	
2	2355	576	0.	.0	.0 * 5	07301243	0.	.0	.0 * 7	15051910	0.	.0	.0	
3	0000	577	0.	.0	.0 * 5	07351244	0.	.0	.0 * 7	15101911	0.	.0	.0	
3	0005	578	0.	.0	.0 * 5	07401245	0.	.0	.0 * 7	15151912	0.	.0	.0	
3	0010	579	0.	.0	.0 * 5	07451246	0.	.0	.0 * 7	15201913	0.	.0	.0	
3	0015	580	0.	.0	.0 * 5	07501247	0.	.0	.0 * 7	15251914	0.	.0	.0	
3	0020	581	0.	.0	.0 * 5	07551248	0.	.0	.0 * 7	15301915	0.	.0	.0	
3	0025	582	0.	.0	.0 * 5	08001249	0.	.0	.0 * 7	15351916	0.	.0	.0	
3	0030	583	0.	.0	.0 * 5	08051250	0.	.0	.0 * 7	15401917	0.	.0	.0	
3	0035	584	0.	.0	.0 * 5	08101251	0.	.0	.0 * 7	15451918	0.	.0	.0	
3	0040	585	0.	.0	.0 * 5	08151252	0.	.0	.0 * 7	15501919	0.	.0	.0	
3	0045	586	0.	.0	.0 * 5	08201253	0.	.0	.0 * 7	15551920	0.	.0	.0	
3	0050	587	0.	.0	.0 * 5	08251254	0.	.0	.0 * 7	16001921	0.	.0	.0	
3	0055	588	0.	.0	.0 * 5	08301255	0.	.0	.0 * 7	16051922	0.	.0	.0	
3	0100	589	0.	.0	.0 * 5	08351256	0.	.0	.0 * 7	16101923	0.	.0	.0	
3	0105	590	0.	.0	.0 * 5	08401257	0.	.0	.0 * 7	16151924	0.	.0	.0	
3	0110	591	0.	.0	.0 * 5	08451258	0.	.0	.0 * 7	16201925	0.	.0	.0	
3	0115	592	0.	.0	.0 * 5	08501259	0.	.0	.0 * 7	16251926	0.	.0	.0	
3	0120	593	0.	.0	.0 * 5	08551260	0.	.0	.0 * 7	16301927	0.	.0	.0	
3	0125	594	0.	.0	.0 * 5	09001261	0.	.0	.0 * 7	16351928	0.	.0	.0	
3	0130	595	0.	.0	.0 * 5	09051262	0.	.0	.0 * 7	16401929	0.	.0	.0	
3	0135	596	0.	.0	.0 * 5	09101263	0.	.0	.0 * 7	16451930	0.	.0	.0	
3	0140	597	0.	.0	.0 * 5	09151264	0.	.0	.0 * 7	16501931	0.	.0	.0	
3	0145	598	0.	.0	.0 * 5	09201265	0.	.0	.0 * 7	16551932	0.	.0	.0	
3	0150	599	0.	.0	.0 * 5	09251266	0.	.0	.0 * 7	17001933	0.	.0	.0	
3	0155	600	0.	.0	.0 * 5	09301267	0.	.0	.0 * 7	17051934	0.	.0	.0	
3	0200	601	0.	.0	.0 * 5	09351268	0.	.0	.0 * 7	17101935	0.	.0	.0	
3	0205	602	0.	.0	.0 * 5	09401269	0.	.0	.0 * 7	17151936	0.	.0	.0	
3	0210	603	0.	.0	.0 * 5	09451270	0.	.0	.0 * 7	17201937	0.	.0	.0	
3	0215	604	0.	.0	.0 * 5	09501271	0.	.0	.0 * 7	17251938	0.	.0	.0	
3	0220	605	0.	.0	.0 * 5	09551272	0.	.0	.0 * 7	17301939	0.	.0	.0	
3	0225	606	0.	.0	.0 * 5	10001273	0.	.0	.0 * 7	17351940	0.	.0	.0	
3	0230	607	0.	.0	.0 * 5	10051274	0.	.0	.0 * 7	17401941	0.	.0	.0	
3	0235	608	0.	.0	.0 * 5	10101275	0.	.0	.0 * 7	17451942	0.	.0	.0	
3	0240	609	0.	.0	.0 * 5	10151276	0.	.0	.0 * 7	17501943	0.	.0	.0	
3	0245	610	0.	.0	.0 * 5	10201277	0.	.0	.0 * 7	17551944	0.	.0	.0	
3	0250	611	0.	.0	.0 * 5	10251278	0.	.0	.0 * 7	18001945	0.	.0	.0	
3	0255	612	0.	.0	.0 * 5	10301279	0.	.0	.0 * 7	18051946	0.	.0	.0	
3	0300	613	0.	.0	.0 * 5	10351280	0.	.0	.0 * 7	18101947	0.	.0	.0	
3	0305	614	0.	.0	.0 * 5	10401281	0.	.0	.0 * 7	18151948	0.	.0	.0	
3	0310	615	0.	.0	.0 * 5	10451282	0.	.0	.0 * 7	18201949	0.	.0	.0	
3	0315	616	0.	.0	.0 * 5	10501283	0.	.0	.0 * 7	18251950	0.	.0	.0	
3	0320	617	0.	.0	.0 * 5	10551284	0.	.0	.0 * 7	18301951	0.	.0	.0	
3	0325	618	0.	.0	.0 * 5	11001285	0.	.0	.0 * 7	18351952	0.	.0	.0	
3	0330	619	0.	.0	.0 * 5	11051286	0.	.0	.0 * 7	18401953	0.	.0	.0	
3	0335	620	0.	.0	.0 * 5	11101287	0.	.0	.0 * 7	18451954	0.	.0	.0	
3	0340	621	0.	.0	.0 * 5	11151288	0.	.0	.0 * 7	18501955	0.	.0	.0	
3	0345	622	0.	.0	.0 * 5	11201289	0.	.0	.0 * 7	18551956	0.	.0	.0	
3	0350	623	0.	.0	.0 * 5	11251290	0.	.0	.0 * 7	19001957	0.	.0	.0	
3	0355	624	0.	.0	.0 * 5	11301291	0.	.0	.0 * 7	19051958	0.	.0	.0	
3	0400	625	0.	.0	.0 * 5	11351292	0.	.0	.0 * 7	19101959	0.	.0	.0	

																	ULT		
3	0405	626	0.	.0	.0 *	5	11401293	0.	.0	.0 *	7	19151960	0.	.0	.0				
3	0410	627	0.	.0	.0 *	5	11451294	0.	.0	.0 *	7	19201961	0.	.0	.0				
3	0415	628	0.	.0	.0 *	5	11501295	0.	.0	.0 *	7	19251962	0.	.0	.0				
3	0420	629	0.	.0	.0 *	5	11551296	0.	.0	.0 *	7	19301963	0.	.0	.0				
3	0425	630	0.	.0	.0 *	5	12001297	0.	.0	.0 *	7	19351964	0.	.0	.0				
3	0430	631	0.	.0	.0 *	5	12051298	0.	.0	.0 *	7	19401965	0.	.0	.0				
3	0435	632	0.	.0	.0 *	5	12101299	0.	.0	.0 *	7	19451966	0.	.0	.0				
3	0440	633	0.	.0	.0 *	5	12151300	0.	.0	.0 *	7	19501967	0.	.0	.0				
3	0445	634	0.	.0	.0 *	5	12201301	0.	.0	.0 *	7	19551968	0.	.0	.0				
3	0450	635	0.	.0	.0 *	5	12251302	0.	.0	.0 *	7	20001969	0.	.0	.0				
3	0455	636	0.	.0	.0 *	5	12301303	0.	.0	.0 *	7	20051970	0.	.0	.0				
3	0500	637	0.	.0	.0 *	5	12351304	0.	.0	.0 *	7	20101971	0.	.0	.0				
3	0505	638	0.	.0	.0 *	5	12401305	0.	.0	.0 *	7	20151972	0.	.0	.0				
3	0510	639	0.	.0	.0 *	5	12451306	0.	.0	.0 *	7	20201973	0.	.0	.0				
3	0515	640	0.	.0	.0 *	5	12501307	0.	.0	.0 *	7	20251974	0.	.0	.0				
3	0520	641	0.	.0	.0 *	5	12551308	0.	.0	.0 *	7	20301975	0.	.0	.0				
3	0525	642	0.	.0	.0 *	5	13001309	0.	.0	.0 *	7	20351976	0.	.0	.0				
3	0530	643	0.	.0	.0 *	5	13051310	0.	.0	.0 *	7	20401977	0.	.0	.0				
3	0535	644	0.	.0	.0 *	5	13101311	0.	.0	.0 *	7	20451978	0.	.0	.0				
3	0540	645	0.	.0	.0 *	5	13151312	0.	.0	.0 *	7	20501979	0.	.0	.0				
3	0545	646	0.	.0	.0 *	5	13201313	0.	.0	.0 *	7	20551980	0.	.0	.0				
3	0550	647	0.	.0	.0 *	5	13251314	0.	.0	.0 *	7	21001981	0.	.0	.0				
3	0555	648	0.	.0	.0 *	5	13301315	0.	.0	.0 *	7	21051982	0.	.0	.0				
3	0600	649	0.	.0	.0 *	5	13351316	0.	.0	.0 *	7	21101983	0.	.0	.0				
3	0605	650	0.	.0	.0 *	5	13401317	0.	.0	.0 *	7	21151984	0.	.0	.0				
3	0610	651	0.	.0	.0 *	5	13451318	0.	.0	.0 *	7	21201985	0.	.0	.0				
3	0615	652	0.	.0	.0 *	5	13501319	0.	.0	.0 *	7	21251986	0.	.0	.0				
3	0620	653	0.	.0	.0 *	5	13551320	0.	.0	.0 *	7	21301987	0.	.0	.0				
3	0625	654	0.	.0	.0 *	5	14001321	0.	.0	.0 *	7	21351988	0.	.0	.0				
3	0630	655	0.	.0	.0 *	5	14051322	0.	.0	.0 *	7	21401989	0.	.0	.0				
3	0635	656	0.	.0	.0 *	5	14101323	0.	.0	.0 *	7	21451990	0.	.0	.0				
3	0640	657	0.	.0	.0 *	5	14151324	0.	.0	.0 *	7	21501991	0.	.0	.0				
3	0645	658	0.	.0	.0 *	5	14201325	0.	.0	.0 *	7	21551992	0.	.0	.0				
3	0650	659	0.	.0	.0 *	5	14251326	0.	.0	.0 *	7	22001993	0.	.0	.0				
3	0655	660	0.	.0	.0 *	5	14301327	0.	.0	.0 *	7	22051994	0.	.0	.0				
3	0700	661	0.	.0	.0 *	5	14351328	0.	.0	.0 *	7	22101995	0.	.0	.0				
3	0705	662	0.	.0	.0 *	5	14401329	0.	.0	.0 *	7	22151996	0.	.0	.0				
3	0710	663	0.	.0	.0 *	5	14451330	0.	.0	.0 *	7	22201997	0.	.0	.0				
3	0715	664	0.	.0	.0 *	5	14501331	0.	.0	.0 *	7	22251998	0.	.0	.0				
3	0720	665	0.	.0	.0 *	5	14551332	0.	.0	.0 *	7	22301999	0.	.0	.0				
3	0725	666	0.	.0	.0 *	5	15001333	0.	.0	.0 *	7	22352000	0.	.0	.0				
3	0730	667	0.	.0	.0 *	5	15051334	0.	.0	.0 *									

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 1162.	4.17		414.	105.	35.	15.
		(INCHES)	1.756	1.786	1.786	1.786
		(AC-FT)	205.	209.	209.	209.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
77.	4.17	27.	7.	2.	1.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
5.46	4.17	1.94	.49	.16	.07

CUMULATIVE AREA = 2.19 SQ MI

HYDROGRAPH AT STATION 157DB
PLAN 1, RATIO = .97

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	0.	.0	.0 *	3	0735		668	0.	.0	.0 *	5	15101335			0.	.0	.0
1	0005		2	0.	.0	.0 *	3	0740		669	0.	.0	.0 *	5	15151336			0.	.0	.0
1	0010		3	0.	.0	.0 *	3	0745		670	0.	.0	.0 *	5	15201337			0.	.0	.0
1	0015		4	0.	.0	.0 *	3	0750		671	0.	.0	.0 *	5	15251338			0.	.0	.0
1	0020		5	0.	.0	.0 *	3	0755		672	0.	.0	.0 *	5	15301339			0.	.0	.0
1	0025		6	0.	.0	.0 *	3	0800		673	0.	.0	.0 *	5	15351340			0.	.0	.0
1	0030		7	0.	.0	.0 *	3	0805		674	0.	.0	.0 *	5	15401341			0.	.0	.0
1	0035		8	0.	.0	.0 *	3	0810		675	0.	.0	.0 *	5	15451342			0.	.0	.0
1	0040		9	0.	.0	.0 *	3	0815		676	0.	.0	.0 *	5	15501343			0.	.0	.0
1	0045		10	1.	.0	.0 *	3	0820		677	0.	.0	.0 *	5	15551344			0.	.0	.0
1	0050		11	1.	.1	.0 *	3	0825		678	0.	.0	.0 *	5	16001345			0.	.0	.0
1	0055		12	2.	.1	.0 *	3	0830		679	0.	.0	.0 *	5	16051346			0.	.0	.0
1	0100		13	2.	.2	.0 *	3	0835		680	0.	.0	.0 *	5	16101347			0.	.0	.0
1	0105		14	3.	.2	.0 *	3	0840		681	0.	.0	.0 *	5	16151348			0.	.0	.0

											ULT					
1	0110	15	3.	.2	.0 *	3	0845	682	0.	.0	.0 *	5	16201349	0.	.0	.0
1	0115	16	4.	.2	.0 *	3	0850	683	0.	.0	.0 *	5	16251350	0.	.0	.0
1	0120	17	4.	.3	.0 *	3	0855	684	0.	.0	.0 *	5	16301351	0.	.0	.0
1	0125	18	5.	.3	.0 *	3	0900	685	0.	.0	.0 *	5	16351352	0.	.0	.0
1	0130	19	6.	.4	.0 *	3	0905	686	0.	.0	.0 *	5	16401353	0.	.0	.0
1	0135	20	7.	.5	.0 *	3	0910	687	0.	.0	.0 *	5	16451354	0.	.0	.0
1	0140	21	10.	.7	.0 *	3	0915	688	0.	.0	.0 *	5	16501355	0.	.0	.0
1	0145	22	13.	.9	.1 *	3	0920	689	0.	.0	.0 *	5	16551356	0.	.0	.0
1	0150	23	18.	1.2	.1 *	3	0925	690	0.	.0	.0 *	5	17001357	0.	.0	.0
1	0155	24	24.	1.6	.1 *	3	0930	691	0.	.0	.0 *	5	17051358	0.	.0	.0
1	0200	25	29.	1.9	.1 *	3	0935	692	0.	.0	.0 *	5	17101359	0.	.0	.0
1	0205	26	34.	2.3	.2 *	3	0940	693	0.	.0	.0 *	5	17151360	0.	.0	.0
1	0210	27	37.	2.5	.2 *	3	0945	694	0.	.0	.0 *	5	17201361	0.	.0	.0
1	0215	28	40.	2.7	.2 *	3	0950	695	0.	.0	.0 *	5	17251362	0.	.0	.0
1	0220	29	42.	2.8	.2 *	3	0955	696	0.	.0	.0 *	5	17301363	0.	.0	.0
1	0225	30	46.	3.1	.2 *	3	1000	697	0.	.0	.0 *	5	17351364	0.	.0	.0
1	0230	31	51.	3.4	.2 *	3	1005	698	0.	.0	.0 *	5	17401365	0.	.0	.0
1	0235	32	59.	3.9	.3 *	3	1010	699	0.	.0	.0 *	5	17451366	0.	.0	.0
1	0240	33	66.	4.4	.3 *	3	1015	700	0.	.0	.0 *	5	17501367	0.	.0	.0
1	0245	34	73.	4.9	.4 *	3	1020	701	0.	.0	.0 *	5	17551368	0.	.0	.0
1	0250	35	79.	5.3	.4 *	3	1025	702	0.	.0	.0 *	5	18001369	0.	.0	.0
1	0255	36	86.	5.8	.4 *	3	1030	703	0.	.0	.0 *	5	18051370	0.	.0	.0
1	0300	37	93.	6.2	.4 *	3	1035	704	0.	.0	.0 *	5	18101371	0.	.0	.0
1	0305	38	99.	6.6	.5 *	3	1040	705	0.	.0	.0 *	5	18151372	0.	.0	.0
1	0310	39	105.	7.0	.5 *	3	1045	706	0.	.0	.0 *	5	18201373	0.	.0	.0
1	0315	40	115.	7.7	.5 *	3	1050	707	0.	.0	.0 *	5	18251374	0.	.0	.0
1	0320	41	135.	9.1	.6 *	3	1055	708	0.	.0	.0 *	5	18301375	0.	.0	.0
1	0325	42	178.	12.0	.9 *	3	1100	709	0.	.0	.0 *	5	18351376	0.	.0	.0
1	0330	43	257.	17.2	1.2 *	3	1105	710	0.	.0	.0 *	5	18401377	0.	.0	.0
1	0335	44	379.	25.5	1.8 *	3	1110	711	0.	.0	.0 *	5	18451378	0.	.0	.0
1	0340	45	538.	36.1	2.6 *	3	1115	712	0.	.0	.0 *	5	18501379	0.	.0	.0
1	0345	46	729.	47.5	3.4 *	3	1120	713	0.	.0	.0 *	5	18551380	0.	.0	.0
1	0350	47	911.	57.8	4.1 *	3	1125	714	0.	.0	.0 *	5	19001381	0.	.0	.0
1	0355	48	1025.	65.9	4.7 *	3	1130	715	0.	.0	.0 *	5	19051382	0.	.0	.0
1	0400	49	1100.	71.4	5.1 *	3	1135	716	0.	.0	.0 *	5	19101383	0.	.0	.0
1	0405	50	1135.	74.6	5.3 *	3	1140	717	0.	.0	.0 *	5	19151384	0.	.0	.0
1	0410	51	1148.	75.7	5.4 *	3	1145	718	0.	.0	.0 *	5	19201385	0.	.0	.0
1	0415	52	1143.	75.2	5.3 *	3	1150	719	0.	.0	.0 *	5	19251386	0.	.0	.0
1	0420	53	1123.	73.5	5.2 *	3	1155	720	0.	.0	.0 *	5	19301387	0.	.0	.0
1	0425	54	1092.	70.7	5.0 *	3	1200	721	0.	.0	.0 *	5	19351388	0.	.0	.0
1	0430	55	1049.	67.5	4.8 *	3	1205	722	0.	.0	.0 *	5	19401389	0.	.0	.0
1	0435	56	1002.	64.3	4.6 *	3	1210	723	0.	.0	.0 *	5	19451390	0.	.0	.0
1	0440	57	960.	61.3	4.4 *	3	1215	724	0.	.0	.0 *	5	19501391	0.	.0	.0
1	0445	58	925.	58.8	4.2 *	3	1220	725	0.	.0	.0 *	5	19551392	0.	.0	.0
1	0450	59	895.	56.7	4.1 *	3	1225	726	0.	.0	.0 *	5	20001393	0.	.0	.0
1	0455	60	865.	54.9	3.9 *	3	1230	727	0.	.0	.0 *	5	20051394	0.	.0	.0
1	0500	61	835.	53.3	3.8 *	3	1235	728	0.	.0	.0 *	5	20101395	0.	.0	.0
1	0505	62	808.	51.8	3.7 *	3	1240	729	0.	.0	.0 *	5	20151396	0.	.0	.0
1	0510	63	778.	50.2	3.6 *	3	1245	730	0.	.0	.0 *	5	20201397	0.	.0	.0
1	0515	64	744.	48.4	3.5 *	3	1250	731	0.	.0	.0 *	5	20251398	0.	.0	.0
1	0520	65	704.	46.2	3.3 *	3	1255	732	0.	.0	.0 *	5	20301399	0.	.0	.0
1	0525	66	660.	43.9	3.1 *	3	1300	733	0.	.0	.0 *	5	20351400	0.	.0	.0
1	0530	67	616.	41.3	3.0 *	3	1305	734	0.	.0	.0 *	5	20401401	0.	.0	.0
1	0535	68	578.	38.8	2.8 *	3	1310	735	0.	.0	.0 *	5	20451402	0.	.0	.0
1	0540	69	539.	36.2	2.6 *	3	1315	736	0.	.0	.0 *	5	20501403	0.	.0	.0
1	0545	70	501.	33.6	2.4 *	3	1320	737	0.	.0	.0 *	5	20551404	0.	.0	.0
1	0550	71	464.	31.1	2.2 *	3	1325	738	0.	.0	.0 *	5	21001405	0.	.0	.0
1	0555	72	428.	28.7	2.1 *	3	1330	739	0.	.0	.0 *	5	21051406	0.	.0	.0
1	0600	73	395.	26.5	1.9 *	3	1335	740	0.	.0	.0 *	5	21101407	0.	.0	.0
1	0605	74	365.	24.5	1.7 *	3	1340	741	0.	.0	.0 *	5	21151408	0.	.0	.0
1	0610	75	336.	22.5	1.6 *	3	1345	742	0.	.0	.0 *	5	21201409	0.	.0	.0
1	0615	76	309.	20.7	1.5 *	3	1350	743	0.	.0	.0 *	5	21251410	0.	.0	.0
1	0620	77	284.	19.0	1.4 *	3	1355	744	0.	.0	.0 *	5	21301411	0.	.0	.0
1	0625	78	260.	17.4	1.2 *	3	1400	745	0.	.0	.0 *	5	21351412	0.	.0	.0
1	0630	79	238.	15.9	1.1 *	3	1405	746	0.	.0	.0 *	5	21401413	0.	.0	.0
1	0635	80	217.	14.5	1.0 *	3	1410	747	0.	.0	.0 *	5	21451414	0.	.0	.0
1	0640	81	197.	13.2	.9 *	3	1415	748	0.	.0	.0 *	5	21501415	0.	.0	.0
1	0645	82	179.	12.0	.9 *	3	1420	749	0.	.0	.0 *	5	21551416	0.	.0	.0
1	0650	83	162.	10.9	.8 *	3	1425	750	0.	.0	.0 *	5	22001417	0.	.0	.0
1	0655	84	147.	9.9	.7 *	3	1430	751	0.	.0	.0 *	5	22051418	0.	.0	.0
1	0700	85	133.	8.9	.6 *	3	1435	752	0.	.0	.0 *	5	22101419	0.	.0	.0
1	0705	86	121.	8.1	.6 *	3	1440	753	0.	.0	.0 *	5	22151420	0.	.0	.0
1	0710	87	109.	7.3	.5 *	3	1445	754	0.	.0	.0 *	5	22201421	0.	.0	.0
1	0715	88	99.	6.6	.5 *	3	1450	755	0.	.0	.0 *	5	22251422	0.	.0	.0
1	0720	89	89.	6.0	.4 *	3	1455	756	0.	.0	.0 *	5	22301423	0.	.0	.0
1	0725	90	80.	5.4	.4 *	3	1500	757	0.	.0	.0 *	5	22351424	0.	.0	.0
1	0730	91	73.	4.9	.3 *	3	1505	758	0.	.0	.0 *	5	22401425	0.	.0	.0
1	0735	92	66.	4.4	.3 *	3	1510	759	0.	.0	.0 *	5	22451426	0.	.0	.0
1	0740	93	59.	4.0	.3 *	3	1515	760	0.	.0	.0 *	5	22501427	0.	.0	.0
1	0745	94	53.	3.6	.3 *	3	1520	761	0.	.0	.0 *	5	22551428	0.	.0	.0
1	0750	95	48.	3.2	.2 *	3	1525	762	0.	.0	.0 *	5	23001429	0.	.0	.0
1	0755	96	44.	2.9	.2 *	3	1530	763	0.	.0	.0 *	5	23051430	0.	.0	.0
1	0800	97	39.	2.6	.2 *	3	1535	764	0.	.0	.0 *	5	23101431	0.	.0	.0
1	0805	98	35.	2.4	.2 *	3	1540	765	0.	.0	.0 *	5	23151432	0.	.0	.0
1	0810	99	32.	2.1	.2 *	3	1545	766	0.	.0	.0 *	5	23201433	0.	.0	.0
1	0815	100	29.	1.9	.1 *	3	1550	767	0.	.0	.0 *	5	23251434	0.	.0	.0
1	0820	101	26.	1.7	.1 *	3	1555	768	0.	.0	.0 *	5	23301435	0.	.0	.0
1	0825	102	24.	1.6	.1 *	3	1600	769	0.	.0	.0 *	5	23351436	0.	.0	.0
1	0830	103	21.	1.4	.1 *	3	1605	770	0.	.0	.0 *	5	23401437	0.	.0	.0

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1	0835 104	19.	1.3	.1 * 3	1610 771	0.	.0	.0 * 5	23451438	0.	.0	.0
1	0840 105	17.	1.2	.1 * 3	1615 772	0.	.0	.0 * 5	23501439	0.	.0	.0
1	0845 106	16.	1.0	.1 * 3	1620 773	0.	.0	.0 * 5	23551440	0.	.0	.0
1	0850 107	14.	.9	.1 * 3	1625 774	0.	.0	.0 * 6	00001441	0.	.0	.0
1	0855 108	13.	.9	.1 * 3	1630 775	0.	.0	.0 * 6	00051442	0.	.0	.0
1	0900 109	11.	.8	.1 * 3	1635 776	0.	.0	.0 * 6	00101443	0.	.0	.0
1	0905 110	10.	.7	.0 * 3	1640 777	0.	.0	.0 * 6	00151444	0.	.0	.0
1	0910 111	9.	.6	.0 * 3	1645 778	0.	.0	.0 * 6	00201445	0.	.0	.0
1	0915 112	8.	.6	.0 * 3	1650 779	0.	.0	.0 * 6	00251446	0.	.0	.0
1	0920 113	8.	.5	.0 * 3	1655 780	0.	.0	.0 * 6	00301447	0.	.0	.0
1	0925 114	7.	.5	.0 * 3	1700 781	0.	.0	.0 * 6	00351448	0.	.0	.0
1	0930 115	6.	.4	.0 * 3	1705 782	0.	.0	.0 * 6	00401449	0.	.0	.0
1	0935 116	6.	.4	.0 * 3	1710 783	0.	.0	.0 * 6	00451450	0.	.0	.0
1	0940 117	5.	.3	.0 * 3	1715 784	0.	.0	.0 * 6	00501451	0.	.0	.0
1	0945 118	5.	.3	.0 * 3	1720 785	0.	.0	.0 * 6	00551452	0.	.0	.0
1	0950 119	4.	.3	.0 * 3	1725 786	0.	.0	.0 * 6	01001453	0.	.0	.0
1	0955 120	4.	.2	.0 * 3	1730 787	0.	.0	.0 * 6	01051454	0.	.0	.0
1	1000 121	3.	.2	.0 * 3	1735 788	0.	.0	.0 * 6	01101455	0.	.0	.0
1	1005 122	3.	.2	.0 * 3	1740 789	0.	.0	.0 * 6	01151456	0.	.0	.0
1	1010 123	3.	.2	.0 * 3	1745 790	0.	.0	.0 * 6	01201457	0.	.0	.0
1	1015 124	2.	.2	.0 * 3	1750 791	0.	.0	.0 * 6	01251458	0.	.0	.0
1	1020 125	2.	.1	.0 * 3	1755 792	0.	.0	.0 * 6	01301459	0.	.0	.0
1	1025 126	2.	.1	.0 * 3	1800 793	0.	.0	.0 * 6	01351460	0.	.0	.0
1	1030 127	2.	.1	.0 * 3	1805 794	0.	.0	.0 * 6	01401461	0.	.0	.0
1	1035 128	2.	.1	.0 * 3	1810 795	0.	.0	.0 * 6	01451462	0.	.0	.0
1	1040 129	1.	.1	.0 * 3	1815 796	0.	.0	.0 * 6	01501463	0.	.0	.0
1	1045 130	1.	.1	.0 * 3	1820 797	0.	.0	.0 * 6	01551464	0.	.0	.0
1	1050 131	1.	.1	.0 * 3	1825 798	0.	.0	.0 * 6	02001465	0.	.0	.0
1	1055 132	1.	.1	.0 * 3	1830 799	0.	.0	.0 * 6	02051466	0.	.0	.0
1	1100 133	1.	.1	.0 * 3	1835 800	0.	.0	.0 * 6	02101467	0.	.0	.0
1	1105 134	1.	.1	.0 * 3	1840 801	0.	.0	.0 * 6	02151468	0.	.0	.0
1	1110 135	1.	.1	.0 * 3	1845 802	0.	.0	.0 * 6	02201469	0.	.0	.0
1	1115 136	1.	.0	.0 * 3	1850 803	0.	.0	.0 * 6	02251470	0.	.0	.0
1	1120 137	1.	.0	.0 * 3	1855 804	0.	.0	.0 * 6	02301471	0.	.0	.0
1	1125 138	1.	.0	.0 * 3	1900 805	0.	.0	.0 * 6	02351472	0.	.0	.0
1	1130 139	1.	.0	.0 * 3	1905 806	0.	.0	.0 * 6	02401473	0.	.0	.0
1	1135 140	0.	.0	.0 * 3	1910 807	0.	.0	.0 * 6	02451474	0.	.0	.0
1	1140 141	0.	.0	.0 * 3	1915 808	0.	.0	.0 * 6	02501475	0.	.0	.0
1	1145 142	0.	.0	.0 * 3	1920 809	0.	.0	.0 * 6	02551476	0.	.0	.0
1	1150 143	0.	.0	.0 * 3	1925 810	0.	.0	.0 * 6	03001477	0.	.0	.0
1	1155 144	0.	.0	.0 * 3	1930 811	0.	.0	.0 * 6	03051478	0.	.0	.0
1	1200 145	0.	.0	.0 * 3	1935 812	0.	.0	.0 * 6	03101479	0.	.0	.0
1	1205 146	0.	.0	.0 * 3	1940 813	0.	.0	.0 * 6	03151480	0.	.0	.0
1	1210 147	0.	.0	.0 * 3	1945 814	0.	.0	.0 * 6	03201481	0.	.0	.0
1	1215 148	0.	.0	.0 * 3	1950 815	0.	.0	.0 * 6	03251482	0.	.0	.0
1	1220 149	0.	.0	.0 * 3	1955 816	0.	.0	.0 * 6	03301483	0.	.0	.0
1	1225 150	0.	.0	.0 * 3	2000 817	0.	.0	.0 * 6	03351484	0.	.0	.0
1	1230 151	0.	.0	.0 * 3	2005 818	0.	.0	.0 * 6	03401485	0.	.0	.0
1	1235 152	0.	.0	.0 * 3	2010 819	0.	.0	.0 * 6	03451486	0.	.0	.0
1	1240 153	0.	.0	.0 * 3	2015 820	0.	.0	.0 * 6	03501487	0.	.0	.0
1	1245 154	0.	.0	.0 * 3	2020 821	0.	.0	.0 * 6	03551488	0.	.0	.0
1	1250 155	0.	.0	.0 * 3	2025 822	0.	.0	.0 * 6	04001489	0.	.0	.0
1	1255 156	0.	.0	.0 * 3	2030 823	0.	.0	.0 * 6	04051490	0.	.0	.0
1	1300 157	0.	.0	.0 * 3	2035 824	0.	.0	.0 * 6	04101491	0.	.0	.0
1	1305 158	0.	.0	.0 * 3	2040 825	0.	.0	.0 * 6	04151492	0.	.0	.0
1	1310 159	0.	.0	.0 * 3	2045 826	0.	.0	.0 * 6	04201493	0.	.0	.0
1	1315 160	0.	.0	.0 * 3	2050 827	0.	.0	.0 * 6	04251494	0.	.0	.0
1	1320 161	0.	.0	.0 * 3	2055 828	0.	.0	.0 * 6	04301495	0.	.0	.0
1	1325 162	0.	.0	.0 * 3	2100 829	0.	.0	.0 * 6	04351496	0.	.0	.0
1	1330 163	0.	.0	.0 * 3	2105 830	0.	.0	.0 * 6	04401497	0.	.0	.0
1	1335 164	0.	.0	.0 * 3	2110 831	0.	.0	.0 * 6	04451498	0.	.0	.0
1	1340 165	0.	.0	.0 * 3	2115 832	0.	.0	.0 * 6	04501499	0.	.0	.0
1	1345 166	0.	.0	.0 * 3	2120 833	0.	.0	.0 * 6	04551500	0.	.0	.0
1	1350 167	0.	.0	.0 * 3	2125 834	0.	.0	.0 * 6	05001501	0.	.0	.0
1	1355 168	0.	.0	.0 * 3	2130 835	0.	.0	.0 * 6	05051502	0.	.0	.0
1	1400 169	0.	.0	.0 * 3	2135 836	0.	.0	.0 * 6	05101503	0.	.0	.0
1	1405 170	0.	.0	.0 * 3	2140 837	0.	.0	.0 * 6	05151504	0.	.0	.0
1	1410 171	0.	.0	.0 * 3	2145 838	0.	.0	.0 * 6	05201505	0.	.0	.0
1	1415 172	0.	.0	.0 * 3	2150 839	0.	.0	.0 * 6	05251506	0.	.0	.0
1	1420 173	0.	.0	.0 * 3	2155 840	0.	.0	.0 * 6	05301507	0.	.0	.0
1	1425 174	0.	.0	.0 * 3	2200 841	0.	.0	.0 * 6	05351508	0.	.0	.0
1	1430 175	0.	.0	.0 * 3	2205 842	0.	.0	.0 * 6	05401509	0.	.0	.0
1	1435 176	0.	.0	.0 * 3	2210 843	0.	.0	.0 * 6	05451510	0.	.0	.0
1	1440 177	0.	.0	.0 * 3	2215 844	0.	.0	.0 * 6	05501511	0.	.0	.0
1	1445 178	0.	.0	.0 * 3	2220 845	0.	.0	.0 * 6	05551512	0.	.0	.0
1	1450 179	0.	.0	.0 * 3	2225 846	0.	.0	.0 * 6	06001513	0.	.0	.0
1	1455 180	0.	.0	.0 * 3	2230 847	0.	.0	.0 * 6	06051514	0.	.0	.0
1	1500 181	0.	.0	.0 * 3	2235 848	0.	.0	.0 * 6	06101515	0.	.0	.0
1	1505 182	0.	.0	.0 * 3	2240 849	0.	.0	.0 * 6	06151516	0.	.0	.0
1	1510 183	0.	.0	.0 * 3	2245 850	0.	.0	.0 * 6	06201517	0.	.0	.0
1	1515 184	0.	.0	.0 * 3	2250 851	0.	.0	.0 * 6	06251518	0.	.0	.0
1	1520 185	0.	.0	.0 * 3	2255 852	0.	.0	.0 * 6	06301519	0.	.0	.0
1	1525 186	0.	.0	.0 * 3	2300 853	0.	.0	.0 * 6	06351520	0.	.0	.0
1	1530 187	0.	.0	.0 * 3	2305 854	0.	.0	.0 * 6	06401521	0.	.0	.0
1	1535 188	0.	.0	.0 * 3	2310 855	0.	.0	.0 * 6	06451522	0.	.0	.0
1	1540 189	0.	.0	.0 * 3	2315 856	0.	.0	.0 * 6	06501523	0.	.0	.0
1	1545 190	0.	.0	.0 * 3	2320 857	0.	.0	.0 * 6	06551524	0.	.0	.0
1	1550 191	0.	.0	.0 * 3	2325 858	0.	.0	.0 * 6	07001525	0.	.0	.0
1	1555 192	0.	.0	.0 * 3	2330 859	0.	.0	.0 * 6	07051526	0.	.0	.0

									ULT					
1	1600 193	0.	.0	.0 * 3	2335 860	0.	.0	.0 * 6	07101527	0.	.0	.0		
1	1605 194	0.	.0	.0 * 3	2340 861	0.	.0	.0 * 6	07151528	0.	.0	.0		
1	1610 195	0.	.0	.0 * 3	2345 862	0.	.0	.0 * 6	07201529	0.	.0	.0		
1	1615 196	0.	.0	.0 * 3	2350 863	0.	.0	.0 * 6	07251530	0.	.0	.0		
1	1620 197	0.	.0	.0 * 3	2355 864	0.	.0	.0 * 6	07301531	0.	.0	.0		
1	1625 198	0.	.0	.0 * 4	0000 865	0.	.0	.0 * 6	07351532	0.	.0	.0		
1	1630 199	0.	.0	.0 * 4	0005 866	0.	.0	.0 * 6	07401533	0.	.0	.0		
1	1635 200	0.	.0	.0 * 4	0010 867	0.	.0	.0 * 6	07451534	0.	.0	.0		
1	1640 201	0.	.0	.0 * 4	0015 868	0.	.0	.0 * 6	07501535	0.	.0	.0		
1	1645 202	0.	.0	.0 * 4	0020 869	0.	.0	.0 * 6	07551536	0.	.0	.0		
1	1650 203	0.	.0	.0 * 4	0025 870	0.	.0	.0 * 6	08001537	0.	.0	.0		
1	1655 204	0.	.0	.0 * 4	0030 871	0.	.0	.0 * 6	08051538	0.	.0	.0		
1	1700 205	0.	.0	.0 * 4	0035 872	0.	.0	.0 * 6	08101539	0.	.0	.0		
1	1705 206	0.	.0	.0 * 4	0040 873	0.	.0	.0 * 6	08151540	0.	.0	.0		
1	1710 207	0.	.0	.0 * 4	0045 874	0.	.0	.0 * 6	08201541	0.	.0	.0		
1	1715 208	0.	.0	.0 * 4	0050 875	0.	.0	.0 * 6	08251542	0.	.0	.0		
1	1720 209	0.	.0	.0 * 4	0055 876	0.	.0	.0 * 6	08301543	0.	.0	.0		
1	1725 210	0.	.0	.0 * 4	0100 877	0.	.0	.0 * 6	08351544	0.	.0	.0		
1	1730 211	0.	.0	.0 * 4	0105 878	0.	.0	.0 * 6	08401545	0.	.0	.0		
1	1735 212	0.	.0	.0 * 4	0110 879	0.	.0	.0 * 6	08451546	0.	.0	.0		
1	1740 213	0.	.0	.0 * 4	0115 880	0.	.0	.0 * 6	08501547	0.	.0	.0		
1	1745 214	0.	.0	.0 * 4	0120 881	0.	.0	.0 * 6	08551548	0.	.0	.0		
1	1750 215	0.	.0	.0 * 4	0125 882	0.	.0	.0 * 6	09001549	0.	.0	.0		
1	1755 216	0.	.0	.0 * 4	0130 883	0.	.0	.0 * 6	09051550	0.	.0	.0		
1	1800 217	0.	.0	.0 * 4	0135 884	0.	.0	.0 * 6	09101551	0.	.0	.0		
1	1805 218	0.	.0	.0 * 4	0140 885	0.	.0	.0 * 6	09151552	0.	.0	.0		
1	1810 219	0.	.0	.0 * 4	0145 886	0.	.0	.0 * 6	09201553	0.	.0	.0		
1	1815 220	0.	.0	.0 * 4	0150 887	0.	.0	.0 * 6	09251554	0.	.0	.0		
1	1820 221	0.	.0	.0 * 4	0155 888	0.	.0	.0 * 6	09301555	0.	.0	.0		
1	1825 222	0.	.0	.0 * 4	0200 889	0.	.0	.0 * 6	09351556	0.	.0	.0		
1	1830 223	0.	.0	.0 * 4	0205 890	0.	.0	.0 * 6	09401557	0.	.0	.0		
1	1835 224	0.	.0	.0 * 4	0210 891	0.	.0	.0 * 6	09451558	0.	.0	.0		
1	1840 225	0.	.0	.0 * 4	0215 892	0.	.0	.0 * 6	09501559	0.	.0	.0		
1	1845 226	0.	.0	.0 * 4	0220 893	0.	.0	.0 * 6	09551560	0.	.0	.0		
1	1850 227	0.	.0	.0 * 4	0225 894	0.	.0	.0 * 6	10001561	0.	.0	.0		
1	1855 228	0.	.0	.0 * 4	0230 895	0.	.0	.0 * 6	10051562	0.	.0	.0		
1	1900 229	0.	.0	.0 * 4	0235 896	0.	.0	.0 * 6	10101563	0.	.0	.0		
1	1905 230	0.	.0	.0 * 4	0240 897	0.	.0	.0 * 6	10151564	0.	.0	.0		
1	1910 231	0.	.0	.0 * 4	0245 898	0.	.0	.0 * 6	10201565	0.	.0	.0		
1	1915 232	0.	.0	.0 * 4	0250 899	0.	.0	.0 * 6	10251566	0.	.0	.0		
1	1920 233	0.	.0	.0 * 4	0255 900	0.	.0	.0 * 6	10301567	0.	.0	.0		
1	1925 234	0.	.0	.0 * 4	0300 901	0.	.0	.0 * 6	10351568	0.	.0	.0		
1	1930 235	0.	.0	.0 * 4	0305 902	0.	.0	.0 * 6	10401569	0.	.0	.0		
1	1935 236	0.	.0	.0 * 4	0310 903	0.	.0	.0 * 6	10451570	0.	.0	.0		
1	1940 237	0.	.0	.0 * 4	0315 904	0.	.0	.0 * 6	10501571	0.	.0	.0		
1	1945 238	0.	.0	.0 * 4	0320 905	0.	.0	.0 * 6	10551572	0.	.0	.0		
1	1950 239	0.	.0	.0 * 4	0325 906	0.	.0	.0 * 6	11001573	0.	.0	.0		
1	1955 240	0.	.0	.0 * 4	0330 907	0.	.0	.0 * 6	11051574	0.	.0	.0		
1	2000 241	0.	.0	.0 * 4	0335 908	0.	.0	.0 * 6	11101575	0.	.0	.0		
1	2005 242	0.	.0	.0 * 4	0340 909	0.	.0	.0 * 6	11151576	0.	.0	.0		
1	2010 243	0.	.0	.0 * 4	0345 910	0.	.0	.0 * 6	11201577	0.	.0	.0		
1	2015 244	0.	.0	.0 * 4	0350 911	0.	.0	.0 * 6	11251578	0.	.0	.0		
1	2020 245	0.	.0	.0 * 4	0355 912	0.	.0	.0 * 6	11301579	0.	.0	.0		
1	2025 246	0.	.0	.0 * 4	0400 913	0.	.0	.0 * 6	11351580	0.	.0	.0		
1	2030 247	0.	.0	.0 * 4	0405 914	0.	.0	.0 * 6	11401581	0.	.0	.0		
1	2035 248	0.	.0	.0 * 4	0410 915	0.	.0	.0 * 6	11451582	0.	.0	.0		
1	2040 249	0.	.0	.0 * 4	0415 916	0.	.0	.0 * 6	11501583	0.	.0	.0		
1	2045 250	0.	.0	.0 * 4	0420 917	0.	.0	.0 * 6	11551584	0.	.0	.0		
1	2050 251	0.	.0	.0 * 4	0425 918	0.	.0	.0 * 6	12001585	0.	.0	.0		
1	2055 252	0.	.0	.0 * 4	0430 919	0.	.0	.0 * 6	12051586	0.	.0	.0		
1	2100 253	0.	.0	.0 * 4	0435 920	0.	.0	.0 * 6	12101587	0.	.0	.0		
1	2105 254	0.	.0	.0 * 4	0440 921	0.	.0	.0 * 6	12151588	0.	.0	.0		
1	2110 255	0.	.0	.0 * 4	0445 922	0.	.0	.0 * 6	12201589	0.	.0	.0		
1	2115 256	0.	.0	.0 * 4	0450 923	0.	.0	.0 * 6	12251590	0.	.0	.0		
1	2120 257	0.	.0	.0 * 4	0455 924	0.	.0	.0 * 6	12301591	0.	.0	.0		
1	2125 258	0.	.0	.0 * 4	0500 925	0.	.0	.0 * 6	12351592	0.	.0	.0		
1	2130 259	0.	.0	.0 * 4	0505 926	0.	.0	.0 * 6	12401593	0.	.0	.0		
1	2135 260	0.	.0	.0 * 4	0510 927	0.	.0	.0 * 6	12451594	0.	.0	.0		
1	2140 261	0.	.0	.0 * 4	0515 928	0.	.0	.0 * 6	12501595	0.	.0	.0		
1	2145 262	0.	.0	.0 * 4	0520 929	0.	.0	.0 * 6	12551596	0.	.0	.0		
1	2150 263	0.	.0	.0 * 4	0525 930	0.	.0	.0 * 6	13001597	0.	.0	.0		
1	2155 264	0.	.0	.0 * 4	0530 931	0.	.0	.0 * 6	13051598	0.	.0	.0		
1	2200 265	0.	.0	.0 * 4	0535 932	0.	.0	.0 * 6	13101599	0.	.0	.0		
1	2205 266	0.	.0	.0 * 4	0540 933	0.	.0	.0 * 6	13151600	0.	.0	.0		
1	2210 267	0.	.0	.0 * 4	0545 934	0.	.0	.0 * 6	13201601	0.	.0	.0		
1	2215 268	0.	.0	.0 * 4	0550 935	0.	.0	.0 * 6	13251602	0.	.0	.0		
1	2220 269	0.	.0	.0 * 4	0555 936	0.	.0	.0 * 6	13301603	0.	.0	.0		
1	2225 270	0.	.0	.0 * 4	0600 937	0.	.0	.0 * 6	13351604	0.	.0	.0		
1	2230 271	0.	.0	.0 * 4	0605 938	0.	.0	.0 * 6	13401605	0.	.0	.0		
1	2235 272	0.	.0	.0 * 4	0610 939	0.	.0	.0 * 6	13451606	0.	.0	.0		
1	2240 273	0.	.0	.0 * 4	0615 940	0.	.0	.0 * 6	13501607	0.	.0	.0		
1	2245 274	0.	.0	.0 * 4	0620 941	0.	.0	.0 * 6	13551608	0.	.0	.0		
1	2250 275	0.	.0	.0 * 4	0625 942	0.	.0	.0 * 6	14001609	0.	.0	.0		
1	2255 276	0.	.0	.0 * 4	0630 943	0.	.0	.0 * 6	14051610	0.	.0	.0		
1	2300 277	0.	.0	.0 * 4	0635 944	0.	.0	.0 * 6	14101611	0.	.0	.0		
1	2305 278	0.	.0	.0 * 4	0640 945	0.	.0	.0 * 6	14151612	0.	.0	.0		
1	2310 279	0.	.0	.0 * 4	0645 946	0.	.0	.0 * 6	14201613	0.	.0	.0		
1	2315 280	0.	.0	.0 * 4	0650 947	0.	.0	.0 * 6	14251614	0.	.0	.0		
1	2320 281	0.	.0	.0 * 4	0655 948	0.	.0	.0 * 6	14301615	0.	.0	.0		

									ULT					
1	2325	282	0.	.0	.0 * 4	0700	949	0.	.0	.0 * 6	14351616	0.	.0	.0
1	2330	283	0.	.0	.0 * 4	0705	950	0.	.0	.0 * 6	14401617	0.	.0	.0
1	2335	284	0.	.0	.0 * 4	0710	951	0.	.0	.0 * 6	14451618	0.	.0	.0
1	2340	285	0.	.0	.0 * 4	0715	952	0.	.0	.0 * 6	14501619	0.	.0	.0
1	2345	286	0.	.0	.0 * 4	0720	953	0.	.0	.0 * 6	14551620	0.	.0	.0
1	2350	287	0.	.0	.0 * 4	0725	954	0.	.0	.0 * 6	15001621	0.	.0	.0
1	2355	288	0.	.0	.0 * 4	0730	955	0.	.0	.0 * 6	15051622	0.	.0	.0
2	0000	289	0.	.0	.0 * 4	0735	956	0.	.0	.0 * 6	15101623	0.	.0	.0
2	0005	290	0.	.0	.0 * 4	0740	957	0.	.0	.0 * 6	15151624	0.	.0	.0
2	0010	291	0.	.0	.0 * 4	0745	958	0.	.0	.0 * 6	15201625	0.	.0	.0
2	0015	292	0.	.0	.0 * 4	0750	959	0.	.0	.0 * 6	15251626	0.	.0	.0
2	0020	293	0.	.0	.0 * 4	0755	960	0.	.0	.0 * 6	15301627	0.	.0	.0
2	0025	294	0.	.0	.0 * 4	0800	961	0.	.0	.0 * 6	15351628	0.	.0	.0
2	0030	295	0.	.0	.0 * 4	0805	962	0.	.0	.0 * 6	15401629	0.	.0	.0
2	0035	296	0.	.0	.0 * 4	0810	963	0.	.0	.0 * 6	15451630	0.	.0	.0
2	0040	297	0.	.0	.0 * 4	0815	964	0.	.0	.0 * 6	15501631	0.	.0	.0
2	0045	298	0.	.0	.0 * 4	0820	965	0.	.0	.0 * 6	15551632	0.	.0	.0
2	0050	299	0.	.0	.0 * 4	0825	966	0.	.0	.0 * 6	16001633	0.	.0	.0
2	0055	300	0.	.0	.0 * 4	0830	967	0.	.0	.0 * 6	16051634	0.	.0	.0
2	0100	301	0.	.0	.0 * 4	0835	968	0.	.0	.0 * 6	16101635	0.	.0	.0
2	0105	302	0.	.0	.0 * 4	0840	969	0.	.0	.0 * 6	16151636	0.	.0	.0
2	0110	303	0.	.0	.0 * 4	0845	970	0.	.0	.0 * 6	16201637	0.	.0	.0
2	0115	304	0.	.0	.0 * 4	0850	971	0.	.0	.0 * 6	16251638	0.	.0	.0
2	0120	305	0.	.0	.0 * 4	0855	972	0.	.0	.0 * 6	16301639	0.	.0	.0
2	0125	306	0.	.0	.0 * 4	0900	973	0.	.0	.0 * 6	16351640	0.	.0	.0
2	0130	307	0.	.0	.0 * 4	0905	974	0.	.0	.0 * 6	16401641	0.	.0	.0
2	0135	308	0.	.0	.0 * 4	0910	975	0.	.0	.0 * 6	16451642	0.	.0	.0
2	0140	309	0.	.0	.0 * 4	0915	976	0.	.0	.0 * 6	16501643	0.	.0	.0
2	0145	310	0.	.0	.0 * 4	0920	977	0.	.0	.0 * 6	16551644	0.	.0	.0
2	0150	311	0.	.0	.0 * 4	0925	978	0.	.0	.0 * 6	17001645	0.	.0	.0
2	0155	312	0.	.0	.0 * 4	0930	979	0.	.0	.0 * 6	17051646	0.	.0	.0
2	0200	313	0.	.0	.0 * 4	0935	980	0.	.0	.0 * 6	17101647	0.	.0	.0
2	0205	314	0.	.0	.0 * 4	0940	981	0.	.0	.0 * 6	17151648	0.	.0	.0
2	0210	315	0.	.0	.0 * 4	0945	982	0.	.0	.0 * 6	17201649	0.	.0	.0
2	0215	316	0.	.0	.0 * 4	0950	983	0.	.0	.0 * 6	17251650	0.	.0	.0
2	0220	317	0.	.0	.0 * 4	0955	984	0.	.0	.0 * 6	17301651	0.	.0	.0
2	0225	318	0.	.0	.0 * 4	1000	985	0.	.0	.0 * 6	17351652	0.	.0	.0
2	0230	319	0.	.0	.0 * 4	1005	986	0.	.0	.0 * 6	17401653	0.	.0	.0
2	0235	320	0.	.0	.0 * 4	1010	987	0.	.0	.0 * 6	17451654	0.	.0	.0
2	0240	321	0.	.0	.0 * 4	1015	988	0.	.0	.0 * 6	17501655	0.	.0	.0
2	0245	322	0.	.0	.0 * 4	1020	989	0.	.0	.0 * 6	17551656	0.	.0	.0
2	0250	323	0.	.0	.0 * 4	1025	990	0.	.0	.0 * 6	18001657	0.	.0	.0
2	0255	324	0.	.0	.0 * 4	1030	991	0.	.0	.0 * 6	18051658	0.	.0	.0
2	0300	325	0.	.0	.0 * 4	1035	992	0.	.0	.0 * 6	18101659	0.	.0	.0
2	0305	326	0.	.0	.0 * 4	1040	993	0.	.0	.0 * 6	18151660	0.	.0	.0
2	0310	327	0.	.0	.0 * 4	1045	994	0.	.0	.0 * 6	18201661	0.	.0	.0
2	0315	328	0.	.0	.0 * 4	1050	995	0.	.0	.0 * 6	18251662	0.	.0	.0
2	0320	329	0.	.0	.0 * 4	1055	996	0.	.0	.0 * 6	18301663	0.	.0	.0
2	0325	330	0.	.0	.0 * 4	1100	997	0.	.0	.0 * 6	18351664	0.	.0	.0
2	0330	331	0.	.0	.0 * 4	1105	998	0.	.0	.0 * 6	18401665	0.	.0	.0
2	0335	332	0.	.0	.0 * 4	1110	999	0.	.0	.0 * 6	18451666	0.	.0	.0
2	0340	333	0.	.0	.0 * 4	11151000		0.	.0	.0 * 6	18501667	0.	.0	.0
2	0345	334	0.	.0	.0 * 4	11201001		0.	.0	.0 * 6	18551668	0.	.0	.0
2	0350	335	0.	.0	.0 * 4	11251002		0.	.0	.0 * 6	19001669	0.	.0	.0
2	0355	336	0.	.0	.0 * 4	11301003		0.	.0	.0 * 6	19051670	0.	.0	.0
2	0400	337	0.	.0	.0 * 4	11351004		0.	.0	.0 * 6	19101671	0.	.0	.0
2	0405	338	0.	.0	.0 * 4	11401005		0.	.0	.0 * 6	19151672	0.	.0	.0
2	0410	339	0.	.0	.0 * 4	11451006		0.	.0	.0 * 6	19201673	0.	.0	.0
2	0415	340	0.	.0	.0 * 4	11501007		0.	.0	.0 * 6	19251674	0.	.0	.0
2	0420	341	0.	.0	.0 * 4	11551008		0.	.0	.0 * 6	19301675	0.	.0	.0
2	0425	342	0.	.0	.0 * 4	12001009		0.	.0	.0 * 6	19351676	0.	.0	.0
2	0430	343	0.	.0	.0 * 4	12051010		0.	.0	.0 * 6	19401677	0.	.0	.0
2	0435	344	0.	.0	.0 * 4	12101011		0.	.0	.0 * 6	19451678	0.	.0	.0
2	0440	345	0.	.0	.0 * 4	12151012		0.	.0	.0 * 6	19501679	0.	.0	.0
2	0445	346	0.	.0	.0 * 4	12201013		0.	.0	.0 * 6	19551680	0.	.0	.0
2	0450	347	0.	.0	.0 * 4	12251014		0.	.0	.0 * 6	20001681	0.	.0	.0
2	0455	348	0.	.0	.0 * 4	12301015		0.	.0	.0 * 6	20051682	0.	.0	.0
2	0500	349	0.	.0	.0 * 4	12351016		0.	.0	.0 * 6	20101683	0.	.0	.0
2	0505	350	0.	.0	.0 * 4	12401017		0.	.0	.0 * 6	20151684	0.	.0	.0
2	0510	351	0.	.0	.0 * 4	12451018		0.	.0	.0 * 6	20201685	0.	.0	.0
2	0515	352	0.	.0	.0 * 4	12501019		0.	.0	.0 * 6	20251686	0.	.0	.0
2	0520	353	0.	.0	.0 * 4	12551020		0.	.0	.0 * 6	20301687	0.	.0	.0
2	0525	354	0.	.0	.0 * 4	13001021		0.	.0	.0 * 6	20351688	0.	.0	.0
2	0530	355	0.	.0	.0 * 4	13051022		0.	.0	.0 * 6	20401689	0.	.0	.0
2	0535	356	0.	.0	.0 * 4	13101023		0.	.0	.0 * 6	20451690	0.	.0	.0
2	0540	357	0.	.0	.0 * 4	13151024		0.	.0	.0 * 6	20501691	0.	.0	.0
2	0545	358	0.	.0	.0 * 4	13201025		0.	.0	.0 * 6	20551692	0.	.0	.0
2	0550	359	0.	.0	.0 * 4	13251026		0.	.0	.0 * 6	21001693	0.	.0	.0
2	0555	360	0.	.0	.0 * 4	13301027		0.	.0	.0 * 6	21051694	0.	.0	.0
2	0600	361	0.	.0	.0 * 4	13351028		0.	.0	.0 * 6	21101695	0.	.0	.0
2	0605	362	0.	.0	.0 * 4	13401029		0.	.0	.0 * 6	21151696	0.	.0	.0
2	0610	363	0.	.0	.0 * 4	13451030		0.	.0	.0 * 6	21201697	0.	.0	.0
2	0615	364	0.	.0	.0 * 4	13501031		0.	.0	.0 * 6	21251698	0.	.0	.0
2	0620	365	0.	.0	.0 * 4	13551032		0.	.0	.0 * 6	21301699	0.	.0	.0
2	0625	366	0.	.0	.0 * 4	14001033		0.	.0	.0 * 6	21351700	0.	.0	.0
2	0630	367	0.	.0	.0 * 4	14051034		0.	.0	.0 * 6	21401701	0.	.0	.0
2	0635	368	0.	.0	.0 * 4	14101035		0.	.0	.0 * 6	21451702	0.	.0	.0
2	0640	369	0.	.0	.0 * 4	14151036		0.	.0	.0 * 6	21501703	0.	.0	.0
2	0645	370	0.	.0	.0 * 4	14201037		0.	.0	.0 * 6	21551704	0.	.0	.0

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2	0650 371	0.	.0	.0 * 4	14251038	0.	.0	.0 * 6	22001705	0.	.0	.0	
2	0655 372	0.	.0	.0 * 4	14301039	0.	.0	.0 * 6	22051706	0.	.0	.0	
2	0700 373	0.	.0	.0 * 4	14351040	0.	.0	.0 * 6	22101707	0.	.0	.0	
2	0705 374	0.	.0	.0 * 4	14401041	0.	.0	.0 * 6	22151708	0.	.0	.0	
2	0710 375	0.	.0	.0 * 4	14451042	0.	.0	.0 * 6	22201709	0.	.0	.0	
2	0715 376	0.	.0	.0 * 4	14501043	0.	.0	.0 * 6	22251710	0.	.0	.0	
2	0720 377	0.	.0	.0 * 4	14551044	0.	.0	.0 * 6	22301711	0.	.0	.0	
2	0725 378	0.	.0	.0 * 4	15001045	0.	.0	.0 * 6	22351712	0.	.0	.0	
2	0730 379	0.	.0	.0 * 4	15051046	0.	.0	.0 * 6	22401713	0.	.0	.0	
2	0735 380	0.	.0	.0 * 4	15101047	0.	.0	.0 * 6	22451714	0.	.0	.0	
2	0740 381	0.	.0	.0 * 4	15151048	0.	.0	.0 * 6	22501715	0.	.0	.0	
2	0745 382	0.	.0	.0 * 4	15201049	0.	.0	.0 * 6	22551716	0.	.0	.0	
2	0750 383	0.	.0	.0 * 4	15251050	0.	.0	.0 * 6	23001717	0.	.0	.0	
2	0755 384	0.	.0	.0 * 4	15301051	0.	.0	.0 * 6	23051718	0.	.0	.0	
2	0800 385	0.	.0	.0 * 4	15351052	0.	.0	.0 * 6	23101719	0.	.0	.0	
2	0805 386	0.	.0	.0 * 4	15401053	0.	.0	.0 * 6	23151720	0.	.0	.0	
2	0810 387	0.	.0	.0 * 4	15451054	0.	.0	.0 * 6	23201721	0.	.0	.0	
2	0815 388	0.	.0	.0 * 4	15501055	0.	.0	.0 * 6	23251722	0.	.0	.0	
2	0820 389	0.	.0	.0 * 4	15551056	0.	.0	.0 * 6	23301723	0.	.0	.0	
2	0825 390	0.	.0	.0 * 4	16001057	0.	.0	.0 * 6	23351724	0.	.0	.0	
2	0830 391	0.	.0	.0 * 4	16051058	0.	.0	.0 * 6	23401725	0.	.0	.0	
2	0835 392	0.	.0	.0 * 4	16101059	0.	.0	.0 * 6	23451726	0.	.0	.0	
2	0840 393	0.	.0	.0 * 4	16151060	0.	.0	.0 * 6	23501727	0.	.0	.0	
2	0845 394	0.	.0	.0 * 4	16201061	0.	.0	.0 * 6	23551728	0.	.0	.0	
2	0850 395	0.	.0	.0 * 4	16251062	0.	.0	.0 * 7	00001729	0.	.0	.0	
2	0855 396	0.	.0	.0 * 4	16301063	0.	.0	.0 * 7	00051730	0.	.0	.0	
2	0900 397	0.	.0	.0 * 4	16351064	0.	.0	.0 * 7	00101731	0.	.0	.0	
2	0905 398	0.	.0	.0 * 4	16401065	0.	.0	.0 * 7	00151732	0.	.0	.0	
2	0910 399	0.	.0	.0 * 4	16451066	0.	.0	.0 * 7	00201733	0.	.0	.0	
2	0915 400	0.	.0	.0 * 4	16501067	0.	.0	.0 * 7	00251734	0.	.0	.0	
2	0920 401	0.	.0	.0 * 4	16551068	0.	.0	.0 * 7	00301735	0.	.0	.0	
2	0925 402	0.	.0	.0 * 4	17001069	0.	.0	.0 * 7	00351736	0.	.0	.0	
2	0930 403	0.	.0	.0 * 4	17051070	0.	.0	.0 * 7	00401737	0.	.0	.0	
2	0935 404	0.	.0	.0 * 4	17101071	0.	.0	.0 * 7	00451738	0.	.0	.0	
2	0940 405	0.	.0	.0 * 4	17151072	0.	.0	.0 * 7	00501739	0.	.0	.0	
2	0945 406	0.	.0	.0 * 4	17201073	0.	.0	.0 * 7	00551740	0.	.0	.0	
2	0950 407	0.	.0	.0 * 4	17251074	0.	.0	.0 * 7	01001741	0.	.0	.0	
2	0955 408	0.	.0	.0 * 4	17301075	0.	.0	.0 * 7	01051742	0.	.0	.0	
2	1000 409	0.	.0	.0 * 4	17351076	0.	.0	.0 * 7	01101743	0.	.0	.0	
2	1005 410	0.	.0	.0 * 4	17401077	0.	.0	.0 * 7	01151744	0.	.0	.0	
2	1010 411	0.	.0	.0 * 4	17451078	0.	.0	.0 * 7	01201745	0.	.0	.0	
2	1015 412	0.	.0	.0 * 4	17501079	0.	.0	.0 * 7	01251746	0.	.0	.0	
2	1020 413	0.	.0	.0 * 4	17551080	0.	.0	.0 * 7	01301747	0.	.0	.0	
2	1025 414	0.	.0	.0 * 4	18001081	0.	.0	.0 * 7	01351748	0.	.0	.0	
2	1030 415	0.	.0	.0 * 4	18051082	0.	.0	.0 * 7	01401749	0.	.0	.0	
2	1035 416	0.	.0	.0 * 4	18101083	0.	.0	.0 * 7	01451750	0.	.0	.0	
2	1040 417	0.	.0	.0 * 4	18151084	0.	.0	.0 * 7	01501751	0.	.0	.0	
2	1045 418	0.	.0	.0 * 4	18201085	0.	.0	.0 * 7	01551752	0.	.0	.0	
2	1050 419	0.	.0	.0 * 4	18251086	0.	.0	.0 * 7	02001753	0.	.0	.0	
2	1055 420	0.	.0	.0 * 4	18301087	0.	.0	.0 * 7	02051754	0.	.0	.0	
2	1100 421	0.	.0	.0 * 4	18351088	0.	.0	.0 * 7	02101755	0.	.0	.0	
2	1105 422	0.	.0	.0 * 4	18401089	0.	.0	.0 * 7	02151756	0.	.0	.0	
2	1110 423	0.	.0	.0 * 4	18451090	0.	.0	.0 * 7	02201757	0.	.0	.0	
2	1115 424	0.	.0	.0 * 4	18501091	0.	.0	.0 * 7	02251758	0.	.0	.0	
2	1120 425	0.	.0	.0 * 4	18551092	0.	.0	.0 * 7	02301759	0.	.0	.0	
2	1125 426	0.	.0	.0 * 4	19001093	0.	.0	.0 * 7	02351760	0.	.0	.0	
2	1130 427	0.	.0	.0 * 4	19051094	0.	.0	.0 * 7	02401761	0.	.0	.0	
2	1135 428	0.	.0	.0 * 4	19101095	0.	.0	.0 * 7	02451762	0.	.0	.0	
2	1140 429	0.	.0	.0 * 4	19151096	0.	.0	.0 * 7	02501763	0.	.0	.0	
2	1145 430	0.	.0	.0 * 4	19201097	0.	.0	.0 * 7	02551764	0.	.0	.0	
2	1150 431	0.	.0	.0 * 4	19251098	0.	.0	.0 * 7	03001765	0.	.0	.0	
2	1155 432	0.	.0	.0 * 4	19301099	0.	.0	.0 * 7	03051766	0.	.0	.0	
2	1200 433	0.	.0	.0 * 4	19351100	0.	.0	.0 * 7	03101767	0.	.0	.0	
2	1205 434	0.	.0	.0 * 4	19401101	0.	.0	.0 * 7	03151768	0.	.0	.0	
2	1210 435	0.	.0	.0 * 4	19451102	0.	.0	.0 * 7	03201769	0.	.0	.0	
2	1215 436	0.	.0	.0 * 4	19501103	0.	.0	.0 * 7	03251770	0.	.0	.0	
2	1220 437	0.	.0	.0 * 4	19551104	0.	.0	.0 * 7	03301771	0.	.0	.0	
2	1225 438	0.	.0	.0 * 4	20001105	0.	.0	.0 * 7	03351772	0.	.0	.0	
2	1230 439	0.	.0	.0 * 4	20051106	0.	.0	.0 * 7	03401773	0.	.0	.0	
2	1235 440	0.	.0	.0 * 4	20101107	0.	.0	.0 * 7	03451774	0.	.0	.0	
2	1240 441	0.	.0	.0 * 4	20151108	0.	.0	.0 * 7	03501775	0.	.0	.0	
2	1245 442	0.	.0	.0 * 4	20201109	0.	.0	.0 * 7	03551776	0.	.0	.0	
2	1250 443	0.	.0	.0 * 4	20251110	0.	.0	.0 * 7	04001777	0.	.0	.0	
2	1255 444	0.	.0	.0 * 4	20301111	0.	.0	.0 * 7	04051778	0.	.0	.0	
2	1300 445	0.	.0	.0 * 4	20351112	0.	.0	.0 * 7	04101779	0.	.0	.0	
2	1305 446	0.	.0	.0 * 4	20401113	0.	.0	.0 * 7	04151780	0.	.0	.0	
2	1310 447	0.	.0	.0 * 4	20451114	0.	.0	.0 * 7	04201781	0.	.0	.0	
2	1315 448	0.	.0	.0 * 4	20501115	0.	.0	.0 * 7	04251782	0.	.0	.0	
2	1320 449	0.	.0	.0 * 4	20551116	0.	.0	.0 * 7	04301783	0.	.0	.0	
2	1325 450	0.	.0	.0 * 4	21001117	0.	.0	.0 * 7	04351784	0.	.0	.0	
2	1330 451	0.	.0	.0 * 4	21051118	0.	.0	.0 * 7	04401785	0.	.0	.0	
2	1335 452	0.	.0	.0 * 4	21101119	0.	.0	.0 * 7	04451786	0.	.0	.0	
2	1340 453	0.	.0	.0 * 4	21151120	0.	.0	.0 * 7	04501787	0.	.0	.0	
2	1345 454	0.	.0	.0 * 4	21201121	0.	.0	.0 * 7	04551788	0.	.0	.0	
2	1350 455	0.	.0	.0 * 4	21251122	0.	.0	.0 * 7	05001789	0.	.0	.0	
2	1355 456	0.	.0	.0 * 4	21301123	0.	.0	.0 * 7	05051790	0.	.0	.0	
2	1400 457	0.	.0	.0 * 4	21351124	0.	.0	.0 * 7	05101791	0.	.0	.0	
2	1405 458	0.	.0	.0 * 4	21401125	0.	.0	.0 * 7	05151792	0.	.0	.0	
2	1410 459	0.	.0	.0 * 4	21451126	0.	.0	.0 * 7	05201793	0.	.0	.0	

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2	1415 460	0.	.0	.0 * 4	21501127	0.	.0	.0 * 7	05251794	0.	.0	.0	
2	1420 461	0.	.0	.0 * 4	21551128	0.	.0	.0 * 7	05301795	0.	.0	.0	
2	1425 462	0.	.0	.0 * 4	22001129	0.	.0	.0 * 7	05351796	0.	.0	.0	
2	1430 463	0.	.0	.0 * 4	22051130	0.	.0	.0 * 7	05401797	0.	.0	.0	
2	1435 464	0.	.0	.0 * 4	22101131	0.	.0	.0 * 7	05451798	0.	.0	.0	
2	1440 465	0.	.0	.0 * 4	22151132	0.	.0	.0 * 7	05501799	0.	.0	.0	
2	1445 466	0.	.0	.0 * 4	22201133	0.	.0	.0 * 7	05551800	0.	.0	.0	
2	1450 467	0.	.0	.0 * 4	22251134	0.	.0	.0 * 7	06001801	0.	.0	.0	
2	1455 468	0.	.0	.0 * 4	22301135	0.	.0	.0 * 7	06051802	0.	.0	.0	
2	1500 469	0.	.0	.0 * 4	22351136	0.	.0	.0 * 7	06101803	0.	.0	.0	
2	1505 470	0.	.0	.0 * 4	22401137	0.	.0	.0 * 7	06151804	0.	.0	.0	
2	1510 471	0.	.0	.0 * 4	22451138	0.	.0	.0 * 7	06201805	0.	.0	.0	
2	1515 472	0.	.0	.0 * 4	22501139	0.	.0	.0 * 7	06251806	0.	.0	.0	
2	1520 473	0.	.0	.0 * 4	22551140	0.	.0	.0 * 7	06301807	0.	.0	.0	
2	1525 474	0.	.0	.0 * 4	23001141	0.	.0	.0 * 7	06351808	0.	.0	.0	
2	1530 475	0.	.0	.0 * 4	23051142	0.	.0	.0 * 7	06401809	0.	.0	.0	
2	1535 476	0.	.0	.0 * 4	23101143	0.	.0	.0 * 7	06451810	0.	.0	.0	
2	1540 477	0.	.0	.0 * 4	23151144	0.	.0	.0 * 7	06501811	0.	.0	.0	
2	1545 478	0.	.0	.0 * 4	23201145	0.	.0	.0 * 7	06551812	0.	.0	.0	
2	1550 479	0.	.0	.0 * 4	23251146	0.	.0	.0 * 7	07001813	0.	.0	.9	
2	1555 480	0.	.0	.0 * 4	23301147	0.	.0	.0 * 7	07051814	0.	.0	.0	
2	1600 481	0.	.0	.0 * 4	23351148	0.	.0	.0 * 7	07101815	0.	.0	.0	
2	1605 482	0.	.0	.0 * 4	23401149	0.	.0	.0 * 7	07151816	0.	.0	.0	
2	1610 483	0.	.0	.0 * 4	23451150	0.	.0	.0 * 7	07201817	0.	.0	.0	
2	1615 484	0.	.0	.0 * 4	23501151	0.	.0	.0 * 7	07251818	0.	.0	.0	
2	1620 485	0.	.0	.0 * 4	23551152	0.	.0	.0 * 7	07301819	0.	.0	.0	
2	1625 486	0.	.0	.0 * 5	00001153	0.	.0	.0 * 7	07351820	0.	.0	.0	
2	1630 487	0.	.0	.0 * 5	00051154	0.	.0	.0 * 7	07401821	0.	.0	.0	
2	1635 488	0.	.0	.0 * 5	00101155	0.	.0	.0 * 7	07451822	0.	.0	.0	
2	1640 489	0.	.0	.0 * 5	00151156	0.	.0	.0 * 7	07501823	0.	.0	.0	
2	1645 490	0.	.0	.0 * 5	00201157	0.	.0	.0 * 7	07551824	0.	.0	.0	
2	1650 491	0.	.0	.0 * 5	00251158	0.	.0	.0 * 7	08001825	0.	.0	.0	
2	1655 492	0.	.0	.0 * 5	00301159	0.	.0	.0 * 7	08051826	0.	.0	.0	
2	1700 493	0.	.0	.0 * 5	00351160	0.	.0	.0 * 7	08101827	0.	.0	.0	
2	1705 494	0.	.0	.0 * 5	00401161	0.	.0	.0 * 7	08151828	0.	.0	.0	
2	1710 495	0.	.0	.0 * 5	00451162	0.	.0	.0 * 7	08201829	0.	.0	.0	
2	1715 496	0.	.0	.0 * 5	00501163	0.	.0	.0 * 7	08251830	0.	.0	.0	
2	1720 497	0.	.0	.0 * 5	00551164	0.	.0	.0 * 7	08301831	0.	.0	.0	
2	1725 498	0.	.0	.0 * 5	01001165	0.	.0	.0 * 7	08351832	0.	.0	.0	
2	1730 499	0.	.0	.0 * 5	01051166	0.	.0	.0 * 7	08401833	0.	.0	.0	
2	1735 500	0.	.0	.0 * 5	01101167	0.	.0	.0 * 7	08451834	0.	.0	.0	
2	1740 501	0.	.0	.0 * 5	01151168	0.	.0	.0 * 7	08501835	0.	.0	.0	
2	1745 502	0.	.0	.0 * 5	01201169	0.	.0	.0 * 7	08551836	0.	.0	.0	
2	1750 503	0.	.0	.0 * 5	01251170	0.	.0	.0 * 7	09001837	0.	.0	.0	
2	1755 504	0.	.0	.0 * 5	01301171	0.	.0	.0 * 7	09051838	0.	.0	.0	
2	1800 505	0.	.0	.0 * 5	01351172	0.	.0	.0 * 7	09101839	0.	.0	.0	
2	1805 506	0.	.0	.0 * 5	01401173	0.	.0	.0 * 7	09151840	0.	.0	.0	
2	1810 507	0.	.0	.0 * 5	01451174	0.	.0	.0 * 7	09201841	0.	.0	.0	
2	1815 508	0.	.0	.0 * 5	01501175	0.	.0	.0 * 7	09251842	0.	.0	.0	
2	1820 509	0.	.0	.0 * 5	01551176	0.	.0	.0 * 7	09301843	0.	.0	.0	
2	1825 510	0.	.0	.0 * 5	02001177	0.	.0	.0 * 7	09351844	0.	.0	.0	
2	1830 511	0.	.0	.0 * 5	02051178	0.	.0	.0 * 7	09401845	0.	.0	.0	
2	1835 512	0.	.0	.0 * 5	02101179	0.	.0	.0 * 7	09451846	0.	.0	.0	
2	1840 513	0.	.0	.0 * 5	02151180	0.	.0	.0 * 7	09501847	0.	.0	.0	
2	1845 514	0.	.0	.0 * 5	02201181	0.	.0	.0 * 7	09551848	0.	.0	.0	
2	1850 515	0.	.0	.0 * 5	02251182	0.	.0	.0 * 7	10001849	0.	.0	.0	
2	1855 516	0.	.0	.0 * 5	02301183	0.	.0	.0 * 7	10051850	0.	.0	.0	
2	1900 517	0.	.0	.0 * 5	02351184	0.	.0	.0 * 7	10101851	0.	.0	.0	
2	1905 518	0.	.0	.0 * 5	02401185	0.	.0	.0 * 7	10151852	0.	.0	.0	
2	1910 519	0.	.0	.0 * 5	02451186	0.	.0	.0 * 7	10201853	0.	.0	.0	
2	1915 520	0.	.0	.0 * 5	02501187	0.	.0	.0 * 7	10251854	0.	.0	.0	
2	1920 521	0.	.0	.0 * 5	02551188	0.	.0	.0 * 7	10301855	0.	.0	.0	
2	1925 522	0.	.0	.0 * 5	03001189	0.	.0	.0 * 7	10351856	0.	.0	.0	
2	1930 523	0.	.0	.0 * 5	03051190	0.	.0	.0 * 7	10401857	0.	.0	.0	
2	1935 524	0.	.0	.0 * 5	03101191	0.	.0	.0 * 7	10451858	0.	.0	.0	
2	1940 525	0.	.0	.0 * 5	03151192	0.	.0	.0 * 7	10501859	0.	.0	.0	
2	1945 526	0.	.0	.0 * 5	03201193	0.	.0	.0 * 7	10551860	0.	.0	.0	
2	1950 527	0.	.0	.0 * 5	03251194	0.	.0	.0 * 7	11001861	0.	.0	.0	
2	1955 528	0.	.0	.0 * 5	03301195	0.	.0	.0 * 7	11051862	0.	.0	.0	
2	2000 529	0.	.0	.0 * 5	03351196	0.	.0	.0 * 7	11101863	0.	.0	.0	
2	2005 530	0.	.0	.0 * 5	03401197	0.	.0	.0 * 7	11151864	0.	.0	.0	
2	2010 531	0.	.0	.0 * 5	03451198	0.	.0	.0 * 7	11201865	0.	.0	.0	
2	2015 532	0.	.0	.0 * 5	03501199	0.	.0	.0 * 7	11251866	0.	.0	.0	
2	2020 533	0.	.0	.0 * 5	03551200	0.	.0	.0 * 7	11301867	0.	.0	.0	
2	2025 534	0.	.0	.0 * 5	04001201	0.	.0	.0 * 7	11351868	0.	.0	.0	
2	2030 535	0.	.0	.0 * 5	04051202	0.	.0	.0 * 7	11401869	0.	.0	.0	
2	2035 536	0.	.0	.0 * 5	04101203	0.	.0	.0 * 7	11451870	0.	.0	.0	
2	2040 537	0.	.0	.0 * 5	04151204	0.	.0	.0 * 7	11501871	0.	.0	.0	
2	2045 538	0.	.0	.0 * 5	04201205	0.	.0	.0 * 7	11551872	0.	.0	.0	
2	2050 539	0.	.0	.0 * 5	04251206	0.	.0	.0 * 7	12001873	0.	.0	.0	
2	2055 540	0.	.0	.0 * 5	04301207	0.	.0	.0 * 7	12051874	0.	.0	.0	
2	2100 541	0.	.0	.0 * 5	04351208	0.	.0	.0 * 7	12101875	0.	.0	.0	
2	2105 542	0.	.0	.0 * 5	04401209	0.	.0	.0 * 7	12151876	0.	.0	.0	
2	2110 543	0.	.0	.0 * 5	04451210	0.	.0	.0 * 7	12201877	0.	.0	.0	
2	2115 544	0.	.0	.0 * 5	04501211	0.	.0	.0 * 7	12251878	0.	.0	.0	
2	2120 545	0.	.0	.0 * 5	04551212	0.	.0	.0 * 7	12301879	0.	.0	.0	
2	2125 546	0.	.0	.0 * 5	05001213	0.	.0	.0 * 7	12351880	0.	.0	.0	
2	2130 547	0.	.0	.0 * 5	05051214	0.	.0	.0 * 7	12401881	0.	.0	.0	
2	2135 548	0.	.0	.0 * 5	05101215	0.	.0	.0 * 7	12451882	0.	.0	.0	

									ULT					
2	2140	549	0.	.0	.0 *	5	05151216	0.	.0	.0 *	7	12501883	0.	.0	.0
2	2145	550	0.	.0	.0 *	5	05201217	0.	.0	.0 *	7	12551884	0.	.0	.0
2	2150	551	0.	.0	.0 *	5	05251218	0.	.0	.0 *	7	13001885	0.	.0	.0
2	2155	552	0.	.0	.0 *	5	05301219	0.	.0	.0 *	7	13051886	0.	.0	.0
2	2200	553	0.	.0	.0 *	5	05351220	0.	.0	.0 *	7	13101887	0.	.0	.0
2	2205	554	0.	.0	.0 *	5	05401221	0.	.0	.0 *	7	13151888	0.	.0	.0
2	2210	555	0.	.0	.0 *	5	05451222	0.	.0	.0 *	7	13201889	0.	.0	.0
2	2215	556	0.	.0	.0 *	5	05501223	0.	.0	.0 *	7	13251890	0.	.0	.0
2	2220	557	0.	.0	.0 *	5	05551224	0.	.0	.0 *	7	13301891	0.	.0	.0
2	2225	558	0.	.0	.0 *	5	06001225	0.	.0	.0 *	7	13351892	0.	.0	.0
2	2230	559	0.	.0	.0 *	5	06051226	0.	.0	.0 *	7	13401893	0.	.0	.0
2	2235	560	0.	.0	.0 *	5	06101227	0.	.0	.0 *	7	13451894	0.	.0	.0
2	2240	561	0.	.0	.0 *	5	06151228	0.	.0	.0 *	7	13501895	0.	.0	.0
2	2245	562	0.	.0	.0 *	5	06201229	0.	.0	.0 *	7	13551896	0.	.0	.0
2	2250	563	0.	.0	.0 *	5	06251230	0.	.0	.0 *	7	14001897	0.	.0	.0
2	2255	564	0.	.0	.0 *	5	06301231	0.	.0	.0 *	7	14051898	0.	.0	.0
2	2300	565	0.	.0	.0 *	5	06351232	0.	.0	.0 *	7	14101899	0.	.0	.0
2	2305	566	0.	.0	.0 *	5	06401233	0.	.0	.0 *	7	14151900	0.	.0	.0
2	2310	567	0.	.0	.0 *	5	06451234	0.	.0	.0 *	7	14201901	0.	.0	.0
2	2315	568	0.	.0	.0 *	5	06501235	0.	.0	.0 *	7	14251902	0.	.0	.0
2	2320	569	0.	.0	.0 *	5	06551236	0.	.0	.0 *	7	14301903	0.	.0	.0
2	2325	570	0.	.0	.0 *	5	07001237	0.	.0	.0 *	7	14351904	0.	.0	.0
2	2330	571	0.	.0	.0 *	5	07051238	0.	.0	.0 *	7	14401905	0.	.0	.0
2	2335	572	0.	.0	.0 *	5	07101239	0.	.0	.0 *	7	14451906	0.	.0	.0
2	2340	573	0.	.0	.0 *	5	07151240	0.	.0	.0 *	7	14501907	0.	.0	.0
2	2345	574	0.	.0	.0 *	5	07201241	0.	.0	.0 *	7	14551908	0.	.0	.0
2	2350	575	0.	.0	.0 *	5	07251242	0.	.0	.0 *	7	15001909	0.	.0	.0
2	2355	576	0.	.0	.0 *	5	07301243	0.	.0	.0 *	7	15051910	0.	.0	.0
3	0000	577	0.	.0	.0 *	5	07351244	0.	.0	.0 *	7	15101911	0.	.0	.0
3	0005	578	0.	.0	.0 *	5	07401245	0.	.0	.0 *	7	15151912	0.	.0	.0
3	0010	579	0.	.0	.0 *	5	07451246	0.	.0	.0 *	7	15201913	0.	.0	.0
3	0015	580	0.	.0	.0 *	5	07501247	0.	.0	.0 *	7	15251914	0.	.0	.0
3	0020	581	0.	.0	.0 *	5	07551248	0.	.0	.0 *	7	15301915	0.	.0	.0
3	0025	582	0.	.0	.0 *	5	08001249	0.	.0	.0 *	7	15351916	0.	.0	.0
3	0030	583	0.	.0	.0 *	5	08051250	0.	.0	.0 *	7	15401917	0.	.0	.0
3	0035	584	0.	.0	.0 *	5	08101251	0.	.0	.0 *	7	15451918	0.	.0	.0
3	0040	585	0.	.0	.0 *	5	08151252	0.	.0	.0 *	7	15501919	0.	.0	.0
3	0045	586	0.	.0	.0 *	5	08201253	0.	.0	.0 *	7	15551920	0.	.0	.0
3	0050	587	0.	.0	.0 *	5	08251254	0.	.0	.0 *	7	16001921	0.	.0	.0
3	0055	588	0.	.0	.0 *	5	08301255	0.	.0	.0 *	7	16051922	0.	.0	.0
3	0100	589	0.	.0	.0 *	5	08351256	0.	.0	.0 *	7	16101923	0.	.0	.0
3	0105	590	0.	.0	.0 *	5	08401257	0.	.0	.0 *	7	16151924	0.	.0	.0
3	0110	591	0.	.0	.0 *	5	08451258	0.	.0	.0 *	7	16201925	0.	.0	.0
3	0115	592	0.	.0	.0 *	5	08501259	0.	.0	.0 *	7	16251926	0.	.0	.0
3	0120	593	0.	.0	.0 *	5	08551260	0.	.0	.0 *	7	16301927	0.	.0	.0
3	0125	594	0.	.0	.0 *	5	09001261	0.	.0	.0 *	7	16351928	0.	.0	.0
3	0130	595	0.	.0	.0 *	5	09051262	0.	.0	.0 *	7	16401929	0.	.0	.0
3	0135	596	0.	.0	.0 *	5	09101263	0.	.0	.0 *	7	16451930	0.	.0	.0
3	0140	597	0.	.0	.0 *	5	09151264	0.	.0	.0 *	7	16501931	0.	.0	.0
3	0145	598	0.	.0	.0 *	5	09201265	0.	.0	.0 *	7	16551932	0.	.0	.0
3	0150	599	0.	.0	.0 *	5	09251266	0.	.0	.0 *	7	17001933	0.	.0	.0
3	0155	600	0.	.0	.0 *	5	09301267	0.	.0	.0 *	7	17051934	0.	.0	.0
3	0200	601	0.	.0	.0 *	5	09351268	0.	.0	.0 *	7	17101935	0.	.0	.0
3	0205	602	0.	.0	.0 *	5	09401269	0.	.0	.0 *	7	17151936	0.	.0	.0
3	0210	603	0.	.0	.0 *	5	09451270	0.	.0	.0 *	7	17201937	0.	.0	.0
3	0215	604	0.	.0	.0 *	5	09501271	0.	.0	.0 *	7	17251938	0.	.0	.0
3	0220	605	0.	.0	.0 *	5	09551272	0.	.0	.0 *	7	17301939	0.	.0	.0
3	0225	606	0.	.0	.0 *	5	10001273	0.	.0	.0 *	7	17351940	0.	.0	.0
3	0230	607	0.	.0	.0 *	5	10051274	0.	.0	.0 *	7	17401941	0.	.0	.0
3	0235	608	0.	.0	.0 *	5	10101275	0.	.0	.0 *	7	17451942	0.	.0	.0
3	0240	609	0.	.0	.0 *	5	10151276	0.	.0	.0 *	7	17501943	0.	.0	.0
3	0245	610	0.	.0	.0 *	5	10201277	0.	.0	.0 *	7	17551944	0.	.0	.0
3	0250	611	0.	.0	.0 *	5	10251278	0.	.0	.0 *	7	18001945	0.	.0	.0
3	0255	612	0.	.0	.0 *	5	10301279	0.	.0	.0 *	7	18051946	0.	.0	.0
3	0300	613	0.	.0	.0 *	5	10351280	0.	.0	.0 *	7	18101947	0.	.0	.0
3	0305	614	0.	.0	.0 *	5	10401281	0.	.0	.0 *	7	18151948	0.	.0	.0
3	0310	615	0.	.0	.0 *	5	10451282	0.	.0	.0 *	7	18201949	0.	.0	.0
3	0315	616	0.	.0	.0 *	5	10501283	0.	.0	.0 *	7	18251950	0.	.0	.0
3	0320	617	0.	.0	.0 *	5	10551284	0.	.0	.0 *	7	18301951	0.	.0	.0
3	0325	618	0.	.0	.0 *	5	11001285	0.	.0	.0 *	7	18351952	0.	.0	.0
3	0330	619	0.	.0	.0 *	5	11051286	0.	.0	.0 *	7	18401953	0.	.0	.0
3	0335	620	0.	.0	.0 *	5	11101287	0.	.0	.0 *	7	18451954	0.	.0	.0
3	0340	621	0.	.0	.0 *	5	11151288	0.	.0	.0 *	7	18501955	0.	.0	.0
3	0345	622	0.	.0	.0 *	5	11201289	0.	.0	.0 *	7	18551956	0.	.0	.0
3	0350	623	0.	.0	.0 *	5	11251290	0.	.0	.0 *	7	19001957	0.	.0	.0
3	0355	624	0.	.0	.0 *	5	11301291	0.	.0	.0 *	7	19051958	0.	.0	.0
3	0400	625	0.	.0	.0 *	5	11351292	0.	.0	.0 *	7	19101959	0.	.0	.0
3	0405	626	0.	.0	.0 *	5	11401293	0.	.0	.0 *	7	19151960	0.	.0	.0
3	0410	627	0.	.0	.0 *	5	11451294	0.	.0	.0 *	7	19201961	0.	.0	.0
3	0415	628	0.	.0	.0 *	5	11501295	0.	.0	.0 *	7	19251962	0.	.0	.0
3	0420	629	0.	.0	.0 *	5	11551296	0.	.0	.0 *	7	19301963	0.	.0	.0
3	0425	630	0.	.0	.0 *	5	12001297	0.	.0	.0 *	7	19351964	0.	.0	.0
3	0430	631	0.	.0	.0 *	5	12051298	0.	.0	.0 *	7	19401965	0.	.0	.0
3	0435	632	0.	.0	.0 *	5	12101299	0.	.0	.0 *	7	19451966	0.	.0	.0
3	0440	633	0.	.0	.0 *	5	12151300	0.	.0	.0 *	7	19501967	0.	.0	.0
3	0445	634	0.	.0	.0 *	5	12201301	0.	.0	.0 *	7	19551968	0.	.0	.0
3	0450	635	0.	.0	.0 *	5	12251302	0.	.0	.0 *	7	20001969	0.	.0	.0
3	0455	636	0.	.0	.0 *	5	12301303	0.	.0	.0 *	7	20051970	0.	.0	.0
3	0500	637	0.	.0	.0 *	5	12351304	0.	.0	.0 *	7	20101971	0.	.0	.0

											ULT					
3	0505	638	0.	.0	.0 *	5	12401305	0.	.0	.0 *	7	20151972	0.	.0	.0	
3	0510	639	0.	.0	.0 *	5	12451306	0.	.0	.0 *	7	20201973	0.	.0	.0	
3	0515	640	0.	.0	.0 *	5	12501307	0.	.0	.0 *	7	20251974	0.	.0	.0	
3	0520	641	0.	.0	.0 *	5	12551308	0.	.0	.0 *	7	20301975	0.	.0	.0	
3	0525	642	0.	.0	.0 *	5	13001309	0.	.0	.0 *	7	20351976	0.	.0	.0	
3	0530	643	0.	.0	.0 *	5	13051310	0.	.0	.0 *	7	20401977	0.	.0	.0	
3	0535	644	0.	.0	.0 *	5	13101311	0.	.0	.0 *	7	20451978	0.	.0	.0	
3	0540	645	0.	.0	.0 *	5	13151312	0.	.0	.0 *	7	20501979	0.	.0	.0	
3	0545	646	0.	.0	.0 *	5	13201313	0.	.0	.0 *	7	20551980	0.	.0	.0	
3	0550	647	0.	.0	.0 *	5	13251314	0.	.0	.0 *	7	21001981	0.	.0	.0	
3	0555	648	0.	.0	.0 *	5	13301315	0.	.0	.0 *	7	21051982	0.	.0	.0	
3	0600	649	0.	.0	.0 *	5	13351316	0.	.0	.0 *	7	21101983	0.	.0	.0	
3	0605	650	0.	.0	.0 *	5	13401317	0.	.0	.0 *	7	21151984	0.	.0	.0	
3	0610	651	0.	.0	.0 *	5	13451318	0.	.0	.0 *	7	21201985	0.	.0	.0	
3	0615	652	0.	.0	.0 *	5	13501319	0.	.0	.0 *	7	21251986	0.	.0	.0	
3	0620	653	0.	.0	.0 *	5	13551320	0.	.0	.0 *	7	21301987	0.	.0	.0	
3	0625	654	0.	.0	.0 *	5	14001321	0.	.0	.0 *	7	21351988	0.	.0	.0	
3	0630	655	0.	.0	.0 *	5	14051322	0.	.0	.0 *	7	21401989	0.	.0	.0	
3	0635	656	0.	.0	.0 *	5	14101323	0.	.0	.0 *	7	21451990	0.	.0	.0	
3	0640	657	0.	.0	.0 *	5	14151324	0.	.0	.0 *	7	21501991	0.	.0	.0	
3	0645	658	0.	.0	.0 *	5	14201325	0.	.0	.0 *	7	21551992	0.	.0	.0	
3	0650	659	0.	.0	.0 *	5	14251326	0.	.0	.0 *	7	22001993	0.	.0	.0	
3	0655	660	0.	.0	.0 *	5	14301327	0.	.0	.0 *	7	22051994	0.	.0	.0	
3	0700	661	0.	.0	.0 *	5	14351328	0.	.0	.0 *	7	22101995	0.	.0	.0	
3	0705	662	0.	.0	.0 *	5	14401329	0.	.0	.0 *	7	22151996	0.	.0	.0	
3	0710	663	0.	.0	.0 *	5	14451330	0.	.0	.0 *	7	22201997	0.	.0	.0	
3	0715	664	0.	.0	.0 *	5	14501331	0.	.0	.0 *	7	22251998	0.	.0	.0	
3	0720	665	0.	.0	.0 *	5	14551332	0.	.0	.0 *	7	22301999	0.	.0	.0	
3	0725	666	0.	.0	.0 *	5	15001333	0.	.0	.0 *	7	22352000	0.	.0	.0	
3	0730	667	0.	.0	.0 *	5	15051334	0.	.0	.0 *						
					*					*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 1148.	4.17		408.	104.	35.	15.
		(INCHES)	1.730	1.759	1.759	1.759
		(AC-FT)	202.	206.	206.	206.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
76.	4.17	27.	7.	2.	1.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
5.38	4.17	1.91	.48	.16	.07

CUMULATIVE AREA = 2.19 SQ MI

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HYDROGRAPH AT STATION 157D8
PLAN 1, RATIO = .93

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	0.	.0	.0 *	3	0735		668	0.	.0	.0 *	5	15101335			0.	.0	.0
1	0005		2	0.	.0	.0 *	3	0740		669	0.	.0	.0 *	5	15151336			0.	.0	.0
1	0010		3	0.	.0	.0 *	3	0745		670	0.	.0	.0 *	5	15201337			0.	.0	.0
1	0015		4	0.	.0	.0 *	3	0750		671	0.	.0	.0 *	5	15251338			0.	.0	.0
1	0020		5	0.	.0	.0 *	3	0755		672	0.	.0	.0 *	5	15301339			0.	.0	.0
1	0025		6	0.	.0	.0 *	3	0800		673	0.	.0	.0 *	5	15351340			0.	.0	.0
1	0030		7	0.	.0	.0 *	3	0805		674	0.	.0	.0 *	5	15401341			0.	.0	.0
1	0035		8	0.	.0	.0 *	3	0810		675	0.	.0	.0 *	5	15451342			0.	.0	.0
1	0040		9	0.	.0	.0 *	3	0815		676	0.	.0	.0 *	5	15501343			0.	.0	.0
1	0045		10	0.	.0	.0 *	3	0820		677	0.	.0	.0 *	5	15551344			0.	.0	.0
1	0050		11	1.	.0	.0 *	3	0825		678	0.	.0	.0 *	5	16001345			0.	.0	.0
1	0055		12	1.	.1	.0 *	3	0830		679	0.	.0	.0 *	5	16051346			0.	.0	.0
1	0100		13	2.	.1	.0 *	3	0835		680	0.	.0	.0 *	5	16101347			0.	.0	.0
1	0105		14	2.	.1	.0 *	3	0840		681	0.	.0	.0 *	5	16151348			0.	.0	.0
1	0110		15	2.	.1	.0 *	3	0845		682	0.	.0	.0 *	5	16201349			0.	.0	.0
1	0115		16	2.	.2	.0 *	3	0850		683	0.	.0	.0 *	5	16251350			0.	.0	.0
1	0120		17	3.	.2	.0 *	3	0855		684	0.	.0	.0 *	5	16301351			0.	.0	.0
1	0125		18	3.	.2	.0 *	3	0900		685	0.	.0	.0 *	5	16351352			0.	.0	.0
1	0130		19	4.	.3	.0 *	3	0905		686	0.	.0	.0 *	5	16401353			0.	.0	.0
1	0135		20	5.	.4	.0 *	3	0910		687	0.	.0	.0 *	5	16451354			0.	.0	.0
1	0140		21	7.	.5	.0 *	3	0915		688	0.	.0	.0 *	5	16501355			0.	.0	.0
1	0145		22	10.	.7	.0 *	3	0920		689	0.	.0	.0 *	5	16551356			0.	.0	.0
1	0150		23	15.	1.0	.1 *	3	0925		690	0.	.0	.0 *	5	17001357			0.	.0	.0
1	0155		24	19.	1.3	.1 *	3	0930		691	0.	.0	.0 *	5	17051358			0.	.0	.0
1	0200		25	24.	1.6	.1 *	3	0935		692	0.	.0	.0 *	5	17101359			0.	.0	.0
1	0205		26	28.	1.9	.1 *	3	0940		693	0.	.0	.0 *	5	17151360			0.	.0	.0

									ULT					
1	0210	27	31.	2.1	.2 * 3	0945	694	0.	.0	.0 * 5	17201361	0.	.0	.0
1	0215	28	34.	2.3	.2 * 3	0950	695	0.	.0	.0 * 5	17251362	0.	.0	.0
1	0220	29	36.	2.4	.2 * 3	0955	696	0.	.0	.0 * 5	17301363	0.	.0	.0
1	0225	30	39.	2.6	.2 * 3	1000	697	0.	.0	.0 * 5	17351364	0.	.0	.0
1	0230	31	44.	3.0	.2 * 3	1005	698	0.	.0	.0 * 5	17401365	0.	.0	.0
1	0235	32	51.	3.4	.2 * 3	1010	699	0.	.0	.0 * 5	17451366	0.	.0	.0
1	0240	33	58.	3.9	.3 * 3	1015	700	0.	.0	.0 * 5	17501367	0.	.0	.0
1	0245	34	64.	4.3	.3 * 3	1020	701	0.	.0	.0 * 5	17551368	0.	.0	.0
1	0250	35	70.	4.7	.3 * 3	1025	702	0.	.0	.0 * 5	18001369	0.	.0	.0
1	0255	36	76.	5.1	.4 * 3	1030	703	0.	.0	.0 * 5	18051370	0.	.0	.0
1	0300	37	83.	5.5	.4 * 3	1035	704	0.	.0	.0 * 5	18101371	0.	.0	.0
1	0305	38	88.	5.9	.4 * 3	1040	705	0.	.0	.0 * 5	18151372	0.	.0	.0
1	0310	39	94.	6.3	.5 * 3	1045	706	0.	.0	.0 * 5	18201373	0.	.0	.0
1	0315	40	103.	6.9	.5 * 3	1050	707	0.	.0	.0 * 5	18251374	0.	.0	.0
1	0320	41	122.	8.2	.6 * 3	1055	708	0.	.0	.0 * 5	18301375	0.	.0	.0
1	0325	42	161.	10.8	.8 * 3	1100	709	0.	.0	.0 * 5	18351376	0.	.0	.0
1	0330	43	234.	15.7	1.1 * 3	1105	710	0.	.0	.0 * 5	18401377	0.	.0	.0
1	0335	44	348.	23.3	1.7 * 3	1110	711	0.	.0	.0 * 5	18451378	0.	.0	.0
1	0340	45	496.	33.3	2.4 * 3	1115	712	0.	.0	.0 * 5	18501379	0.	.0	.0
1	0345	46	664.	44.1	3.1 * 3	1120	713	0.	.0	.0 * 5	18551380	0.	.0	.0
1	0350	47	845.	53.8	3.8 * 3	1125	714	0.	.0	.0 * 5	19001381	0.	.0	.0
1	0355	48	963.	61.5	4.4 * 3	1130	715	0.	.0	.0 * 5	19051382	0.	.0	.0
1	0400	49	1038.	66.7	4.8 * 3	1135	716	0.	.0	.0 * 5	19101383	0.	.0	.0
1	0405	50	1080.	69.7	5.0 * 3	1140	717	0.	.0	.0 * 5	19151384	0.	.0	.0
1	0410	51	1093.	70.8	5.1 * 3	1145	718	0.	.0	.0 * 5	19201385	0.	.0	.0
1	0415	52	1087.	70.3	5.0 * 3	1150	719	0.	.0	.0 * 5	19251386	0.	.0	.0
1	0420	53	1064.	68.6	4.9 * 3	1155	720	0.	.0	.0 * 5	19301387	0.	.0	.0
1	0425	54	1027.	66.0	4.7 * 3	1200	721	0.	.0	.0 * 5	19351388	0.	.0	.0
1	0430	55	985.	63.0	4.5 * 3	1205	722	0.	.0	.0 * 5	19401389	0.	.0	.0
1	0435	56	942.	60.0	4.3 * 3	1210	723	0.	.0	.0 * 5	19451390	0.	.0	.0
1	0440	57	903.	57.3	4.1 * 3	1215	724	0.	.0	.0 * 5	19501391	0.	.0	.0
1	0445	58	866.	55.0	3.9 * 3	1220	725	0.	.0	.0 * 5	19551392	0.	.0	.0
1	0450	59	831.	53.1	3.8 * 3	1225	726	0.	.0	.0 * 5	20001393	0.	.0	.0
1	0455	60	802.	51.5	3.7 * 3	1230	727	0.	.0	.0 * 5	20051394	0.	.0	.0
1	0500	61	776.	50.1	3.6 * 3	1235	728	0.	.0	.0 * 5	20101395	0.	.0	.0
1	0505	62	752.	48.8	3.5 * 3	1240	729	0.	.0	.0 * 5	20151396	0.	.0	.0
1	0510	63	726.	47.4	3.4 * 3	1245	730	0.	.0	.0 * 5	20201397	0.	.0	.0
1	0515	64	695.	45.7	3.3 * 3	1250	731	0.	.0	.0 * 5	20251398	0.	.0	.0
1	0520	65	659.	43.8	3.1 * 3	1255	732	0.	.0	.0 * 5	20301399	0.	.0	.0
1	0525	66	620.	41.6	3.0 * 3	1300	733	0.	.0	.0 * 5	20351400	0.	.0	.0
1	0530	67	585.	39.2	2.8 * 3	1305	734	0.	.0	.0 * 5	20401401	0.	.0	.0
1	0535	68	548.	36.8	2.6 * 3	1310	735	0.	.0	.0 * 5	20451402	0.	.0	.0
1	0540	69	512.	34.3	2.5 * 3	1315	736	0.	.0	.0 * 5	20501403	0.	.0	.0
1	0545	70	475.	31.9	2.3 * 3	1320	737	0.	.0	.0 * 5	20551404	0.	.0	.0
1	0550	71	440.	29.5	2.1 * 3	1325	738	0.	.0	.0 * 5	21001405	0.	.0	.0
1	0555	72	407.	27.3	1.9 * 3	1330	739	0.	.0	.0 * 5	21051406	0.	.0	.0
1	0600	73	376.	25.2	1.8 * 3	1335	740	0.	.0	.0 * 5	21101407	0.	.0	.0
1	0605	74	346.	23.2	1.7 * 3	1340	741	0.	.0	.0 * 5	21151408	0.	.0	.0
1	0610	75	319.	21.4	1.5 * 3	1345	742	0.	.0	.0 * 5	21201409	0.	.0	.0
1	0615	76	294.	19.7	1.4 * 3	1350	743	0.	.0	.0 * 5	21251410	0.	.0	.0
1	0620	77	270.	18.1	1.3 * 3	1355	744	0.	.0	.0 * 5	21301411	0.	.0	.0
1	0625	78	247.	16.6	1.2 * 3	1400	745	0.	.0	.0 * 5	21351412	0.	.0	.0
1	0630	79	226.	15.1	1.1 * 3	1405	746	0.	.0	.0 * 5	21401413	0.	.0	.0
1	0635	80	206.	13.8	1.0 * 3	1410	747	0.	.0	.0 * 5	21451414	0.	.0	.0
1	0640	81	187.	12.6	.9 * 3	1415	748	0.	.0	.0 * 5	21501415	0.	.0	.0
1	0645	82	170.	11.4	.8 * 3	1420	749	0.	.0	.0 * 5	21551416	0.	.0	.0
1	0650	83	154.	10.4	.7 * 3	1425	750	0.	.0	.0 * 5	22001417	0.	.0	.0
1	0655	84	140.	9.4	.7 * 3	1430	751	0.	.0	.0 * 5	22051418	0.	.0	.0
1	0700	85	127.	8.5	.6 * 3	1435	752	0.	.0	.0 * 5	22101419	0.	.0	.0
1	0705	86	115.	7.7	.5 * 3	1440	753	0.	.0	.0 * 5	22151420	0.	.0	.0
1	0710	87	104.	7.0	.5 * 3	1445	754	0.	.0	.0 * 5	22201421	0.	.0	.0
1	0715	88	94.	6.3	.4 * 3	1450	755	0.	.0	.0 * 5	22251422	0.	.0	.0
1	0720	89	85.	5.7	.4 * 3	1455	756	0.	.0	.0 * 5	22301423	0.	.0	.0
1	0725	90	77.	5.1	.4 * 3	1500	757	0.	.0	.0 * 5	22351424	0.	.0	.0
1	0730	91	69.	4.6	.3 * 3	1505	758	0.	.0	.0 * 5	22401425	0.	.0	.0
1	0735	92	62.	4.2	.3 * 3	1510	759	0.	.0	.0 * 5	22451426	0.	.0	.0
1	0740	93	56.	3.8	.3 * 3	1515	760	0.	.0	.0 * 5	22501427	0.	.0	.0
1	0745	94	51.	3.4	.2 * 3	1520	761	0.	.0	.0 * 5	22551428	0.	.0	.0
1	0750	95	46.	3.1	.2 * 3	1525	762	0.	.0	.0 * 5	23001429	0.	.0	.0
1	0755	96	41.	2.8	.2 * 3	1530	763	0.	.0	.0 * 5	23051430	0.	.0	.0
1	0800	97	37.	2.5	.2 * 3	1535	764	0.	.0	.0 * 5	23101431	0.	.0	.0
1	0805	98	34.	2.3	.2 * 3	1540	765	0.	.0	.0 * 5	23151432	0.	.0	.0
1	0810	99	30.	2.0	.1 * 3	1545	766	0.	.0	.0 * 5	23201433	0.	.0	.0
1	0815	100	27.	1.8	.1 * 3	1550	767	0.	.0	.0 * 5	23251434	0.	.0	.0
1	0820	101	25.	1.7	.1 * 3	1555	768	0.	.0	.0 * 5	23301435	0.	.0	.0
1	0825	102	22.	1.5	.1 * 3	1600	769	0.	.0	.0 * 5	23351436	0.	.0	.0
1	0830	103	20.	1.4	.1 * 3	1605	770	0.	.0	.0 * 5	23401437	0.	.0	.0
1	0835	104	18.	1.2	.1 * 3	1610	771	0.	.0	.0 * 5	23451438	0.	.0	.0
1	0840	105	16.	1.1	.1 * 3	1615	772	0.	.0	.0 * 5	23501439	0.	.0	.0
1	0845	106	15.	1.0	.1 * 3	1620	773	0.	.0	.0 * 5	23551440	0.	.0	.0
1	0850	107	13.	.9	.1 * 3	1625	774	0.	.0	.0 * 6	00001441	0.	.0	.0
1	0855	108	12.	.8	.1 * 3	1630	775	0.	.0	.0 * 6	00051442	0.	.0	.0
1	0900	109	11.	.7	.1 * 3	1635	776	0.	.0	.0 * 6	00101443	0.	.0	.0
1	0905	110	10.	.7	.0 * 3	1640	777	0.	.0	.0 * 6	00151444	0.	.0	.0
1	0910	111	9.	.6	.0 * 3	1645	778	0.	.0	.0 * 6	00201445	0.	.0	.0
1	0915	112	8.	.5	.0 * 3	1650	779	0.	.0	.0 * 6	00251446	0.	.0	.0
1	0920	113	7.	.5	.0 * 3	1655	780	0.	.0	.0 * 6	00301447	0.	.0	.0
1	0925	114	7.	.4	.0 * 3	1700	781	0.	.0	.0 * 6	00351448	0.	.0	.0
1	0930	115	6.	.4	.0 * 3	1705	782	0.	.0	.0 * 6	00401449	0.	.0	.0

								ULT					
1	0935 116	5.	.4	.0 * 3	1710 783	0.	.0	.0 * 6	00451450	0.	.0	.0	
1	0940 117	5.	.3	.0 * 3	1715 784	0.	.0	.0 * 6	00501451	0.	.0	.0	
1	0945 118	4.	.3	.0 * 3	1720 785	0.	.0	.0 * 6	00551452	0.	.0	.0	
1	0950 119	4.	.3	.0 * 3	1725 786	0.	.0	.0 * 6	01001453	0.	.0	.0	
1	0955 120	4.	.2	.0 * 3	1730 787	0.	.0	.0 * 6	01051454	0.	.0	.0	
1	1000 121	3.	.2	.0 * 3	1735 788	0.	.0	.0 * 6	01101455	0.	.0	.0	
1	1005 122	3.	.2	.0 * 3	1740 789	0.	.0	.0 * 6	01151456	0.	.0	.0	
1	1010 123	3.	.2	.0 * 3	1745 790	0.	.0	.0 * 6	01201457	0.	.0	.0	
1	1015 124	2.	.2	.0 * 3	1750 791	0.	.0	.0 * 6	01251458	0.	.0	.0	
1	1020 125	2.	.1	.0 * 3	1755 792	0.	.0	.0 * 6	01301459	0.	.0	.0	
1	1025 126	2.	.1	.0 * 3	1800 793	0.	.0	.0 * 6	01351460	0.	.0	.0	
1	1030 127	2.	.1	.0 * 3	1805 794	0.	.0	.0 * 6	01401461	0.	.0	.0	
1	1035 128	2.	.1	.0 * 3	1810 795	0.	.0	.0 * 6	01451462	0.	.0	.0	
1	1040 129	1.	.1	.0 * 3	1815 796	0.	.0	.0 * 6	01501463	0.	.0	.0	
1	1045 130	1.	.1	.0 * 3	1820 797	0.	.0	.0 * 6	01551464	0.	.0	.0	
1	1050 131	1.	.1	.0 * 3	1825 798	0.	.0	.0 * 6	02001465	0.	.0	.0	
1	1055 132	1.	.1	.0 * 3	1830 799	0.	.0	.0 * 6	02051466	0.	.0	.0	
1	1100 133	1.	.1	.0 * 3	1835 800	0.	.0	.0 * 6	02101467	0.	.0	.0	
1	1105 134	1.	.1	.0 * 3	1840 801	0.	.0	.0 * 6	02151468	0.	.0	.0	
1	1110 135	1.	.1	.0 * 3	1845 802	0.	.0	.0 * 6	02201469	0.	.0	.0	
1	1115 136	1.	.0	.0 * 3	1850 803	0.	.0	.0 * 6	02251470	0.	.0	.0	
1	1120 137	1.	.0	.0 * 3	1855 804	0.	.0	.0 * 6	02301471	0.	.0	.0	
1	1125 138	1.	.0	.0 * 3	1900 805	0.	.0	.0 * 6	02351472	0.	.0	.0	
1	1130 139	0.	.0	.0 * 3	1905 806	0.	.0	.0 * 6	02401473	0.	.0	.0	
1	1135 140	0.	.0	.0 * 3	1910 807	0.	.0	.0 * 6	02451474	0.	.0	.0	
1	1140 141	0.	.0	.0 * 3	1915 808	0.	.0	.0 * 6	02501475	0.	.0	.0	
1	1145 142	0.	.0	.0 * 3	1920 809	0.	.0	.0 * 6	02551476	0.	.0	.0	
1	1150 143	0.	.0	.0 * 3	1925 810	0.	.0	.0 * 6	03001477	0.	.0	.0	
1	1155 144	0.	.0	.0 * 3	1930 811	0.	.0	.0 * 6	03051478	0.	.0	.0	
1	1200 145	0.	.0	.0 * 3	1935 812	0.	.0	.0 * 6	03101479	0.	.0	.0	
1	1205 146	0.	.0	.0 * 3	1940 813	0.	.0	.0 * 6	03151480	0.	.0	.0	
1	1210 147	0.	.0	.0 * 3	1945 814	0.	.0	.0 * 6	03201481	0.	.0	.0	
1	1215 148	0.	.0	.0 * 3	1950 815	0.	.0	.0 * 6	03251482	0.	.0	.0	
1	1220 149	0.	.0	.0 * 3	1955 816	0.	.0	.0 * 6	03301483	0.	.0	.0	
1	1225 150	0.	.0	.0 * 3	2000 817	0.	.0	.0 * 6	03351484	0.	.0	.0	
1	1230 151	0.	.0	.0 * 3	2005 818	0.	.0	.0 * 6	03401485	0.	.0	.0	
1	1235 152	0.	.0	.0 * 3	2010 819	0.	.0	.0 * 6	03451486	0.	.0	.0	
1	1240 153	0.	.0	.0 * 3	2015 820	0.	.0	.0 * 6	03501487	0.	.0	.0	
1	1245 154	0.	.0	.0 * 3	2020 821	0.	.0	.0 * 6	03551488	0.	.0	.0	
1	1250 155	0.	.0	.0 * 3	2025 822	0.	.0	.0 * 6	04001489	0.	.0	.0	
1	1255 156	0.	.0	.0 * 3	2030 823	0.	.0	.0 * 6	04051490	0.	.0	.0	
1	1300 157	0.	.0	.0 * 3	2035 824	0.	.0	.0 * 6	04101491	0.	.0	.0	
1	1305 158	0.	.0	.0 * 3	2040 825	0.	.0	.0 * 6	04151492	0.	.0	.0	
1	1310 159	0.	.0	.0 * 3	2045 826	0.	.0	.0 * 6	04201493	0.	.0	.0	
1	1315 160	0.	.0	.0 * 3	2050 827	0.	.0	.0 * 6	04251494	0.	.0	.0	
1	1320 161	0.	.0	.0 * 3	2055 828	0.	.0	.0 * 6	04301495	0.	.0	.0	
1	1325 162	0.	.0	.0 * 3	2100 829	0.	.0	.0 * 6	04351496	0.	.0	.0	
1	1330 163	0.	.0	.0 * 3	2105 830	0.	.0	.0 * 6	04401497	0.	.0	.0	
1	1335 164	0.	.0	.0 * 3	2110 831	0.	.0	.0 * 6	04451498	0.	.0	.0	
1	1340 165	0.	.0	.0 * 3	2115 832	0.	.0	.0 * 6	04501499	0.	.0	.0	
1	1345 166	0.	.0	.0 * 3	2120 833	0.	.0	.0 * 6	04551500	0.	.0	.0	
1	1350 167	0.	.0	.0 * 3	2125 834	0.	.0	.0 * 6	05001501	0.	.0	.0	
1	1355 168	0.	.0	.0 * 3	2130 835	0.	.0	.0 * 6	05051502	0.	.0	.0	
1	1400 169	0.	.0	.0 * 3	2135 836	0.	.0	.0 * 6	05101503	0.	.0	.0	
1	1405 170	0.	.0	.0 * 3	2140 837	0.	.0	.0 * 6	05151504	0.	.0	.0	
1	1410 171	0.	.0	.0 * 3	2145 838	0.	.0	.0 * 6	05201505	0.	.0	.0	
1	1415 172	0.	.0	.0 * 3	2150 839	0.	.0	.0 * 6	05251506	0.	.0	.0	
1	1420 173	0.	.0	.0 * 3	2155 840	0.	.0	.0 * 6	05301507	0.	.0	.0	
1	1425 174	0.	.0	.0 * 3	2200 841	0.	.0	.0 * 6	05351508	0.	.0	.0	
1	1430 175	0.	.0	.0 * 3	2205 842	0.	.0	.0 * 6	05401509	0.	.0	.0	
1	1435 176	0.	.0	.0 * 3	2210 843	0.	.0	.0 * 6	05451510	0.	.0	.0	
1	1440 177	0.	.0	.0 * 3	2215 844	0.	.0	.0 * 6	05501511	0.	.0	.0	
1	1445 178	0.	.0	.0 * 3	2220 845	0.	.0	.0 * 6	05551512	0.	.0	.0	
1	1450 179	0.	.0	.0 * 3	2225 846	0.	.0	.0 * 6	06001513	0.	.0	.0	
1	1455 180	0.	.0	.0 * 3	2230 847	0.	.0	.0 * 6	06051514	0.	.0	.0	
1	1500 181	0.	.0	.0 * 3	2235 848	0.	.0	.0 * 6	06101515	0.	.0	.0	
1	1505 182	0.	.0	.0 * 3	2240 849	0.	.0	.0 * 6	06151516	0.	.0	.0	
1	1510 183	0.	.0	.0 * 3	2245 850	0.	.0	.0 * 6	06201517	0.	.0	.0	
1	1515 184	0.	.0	.0 * 3	2250 851	0.	.0	.0 * 6	06251518	0.	.0	.0	
1	1520 185	0.	.0	.0 * 3	2255 852	0.	.0	.0 * 6	06301519	0.	.0	.0	
1	1525 186	0.	.0	.0 * 3	2300 853	0.	.0	.0 * 6	06351520	0.	.0	.0	
1	1530 187	0.	.0	.0 * 3	2305 854	0.	.0	.0 * 6	06401521	0.	.0	.0	
1	1535 188	0.	.0	.0 * 3	2310 855	0.	.0	.0 * 6	06451522	0.	.0	.0	
1	1540 189	0.	.0	.0 * 3	2315 856	0.	.0	.0 * 6	06501523	0.	.0	.0	
1	1545 190	0.	.0	.0 * 3	2320 857	0.	.0	.0 * 6	06551524	0.	.0	.0	
1	1550 191	0.	.0	.0 * 3	2325 858	0.	.0	.0 * 6	07001525	0.	.0	.0	
1	1555 192	0.	.0	.0 * 3	2330 859	0.	.0	.0 * 6	07051526	0.	.0	.0	
1	1600 193	0.	.0	.0 * 3	2335 860	0.	.0	.0 * 6	07101527	0.	.0	.0	
1	1605 194	0.	.0	.0 * 3	2340 861	0.	.0	.0 * 6	07151528	0.	.0	.0	
1	1610 195	0.	.0	.0 * 3	2345 862	0.	.0	.0 * 6	07201529	0.	.0	.0	
1	1615 196	0.	.0	.0 * 3	2350 863	0.	.0	.0 * 6	07251530	0.	.0	.0	
1	1620 197	0.	.0	.0 * 3	2355 864	0.	.0	.0 * 6	07301531	0.	.0	.0	
1	1625 198	0.	.0	.0 * 4	0000 865	0.	.0	.0 * 6	07351532	0.	.0	.0	
1	1630 199	0.	.0	.0 * 4	0005 866	0.	.0	.0 * 6	07401533	0.	.0	.0	
1	1635 200	0.	.0	.0 * 4	0010 867	0.	.0	.0 * 6	07451534	0.	.0	.0	
1	1640 201	0.	.0	.0 * 4	0015 868	0.	.0	.0 * 6	07501535	0.	.0	.0	
1	1645 202	0.	.0	.0 * 4	0020 869	0.	.0	.0 * 6	07551536	0.	.0	.0	
1	1650 203	0.	.0	.0 * 4	0025 870	0.	.0	.0 * 6	08001537	0.	.0	.0	
1	1655 204	0.	.0	.0 * 4	0030 871	0.	.0	.0 * 6	08051538	0.	.0	.0	

									ULT					
1	1700	205	0.	.0	.0 * 4	0035	872	0.	.0	.0 * 6	08101539	0.	.0	.0
1	1705	206	0.	.0	.0 * 4	0040	873	0.	.0	.0 * 6	08151540	0.	.0	.0
1	1710	207	0.	.0	.0 * 4	0045	874	0.	.0	.0 * 6	08201541	0.	.0	.0
1	1715	208	0.	.0	.0 * 4	0050	875	0.	.0	.0 * 6	08251542	0.	.0	.0
1	1720	209	0.	.0	.0 * 4	0055	876	0.	.0	.0 * 6	08301543	0.	.0	.0
1	1725	210	0.	.0	.0 * 4	0100	877	0.	.0	.0 * 6	08351544	0.	.0	.0
1	1730	211	0.	.0	.0 * 4	0105	878	0.	.0	.0 * 6	08401545	0.	.0	.0
1	1735	212	0.	.0	.0 * 4	0110	879	0.	.0	.0 * 6	08451546	0.	.0	.0
1	1740	213	0.	.0	.0 * 4	0115	880	0.	.0	.0 * 6	08501547	0.	.0	.0
1	1745	214	0.	.0	.0 * 4	0120	881	0.	.0	.0 * 6	08551548	0.	.0	.0
1	1750	215	0.	.0	.0 * 4	0125	882	0.	.0	.0 * 6	09001549	0.	.0	.0
1	1755	216	0.	.0	.0 * 4	0130	883	0.	.0	.0 * 6	09051550	0.	.0	.0
1	1800	217	0.	.0	.0 * 4	0135	884	0.	.0	.0 * 6	09101551	0.	.0	.0
1	1805	218	0.	.0	.0 * 4	0140	885	0.	.0	.0 * 6	09151552	0.	.0	.0
1	1810	219	0.	.0	.0 * 4	0145	886	0.	.0	.0 * 6	09201553	0.	.0	.0
1	1815	220	0.	.0	.0 * 4	0150	887	0.	.0	.0 * 6	09251554	0.	.0	.0
1	1820	221	0.	.0	.0 * 4	0155	888	0.	.0	.0 * 6	09301555	0.	.0	.0
1	1825	222	0.	.0	.0 * 4	0200	889	0.	.0	.0 * 6	09351556	0.	.0	.0
1	1830	223	0.	.0	.0 * 4	0205	890	0.	.0	.0 * 6	09401557	0.	.0	.0
1	1835	224	0.	.0	.0 * 4	0210	891	0.	.0	.0 * 6	09451558	0.	.0	.0
1	1840	225	0.	.0	.0 * 4	0215	892	0.	.0	.0 * 6	09501559	0.	.0	.0
1	1845	226	0.	.0	.0 * 4	0220	893	0.	.0	.0 * 6	09551560	0.	.0	.0
1	1850	227	0.	.0	.0 * 4	0225	894	0.	.0	.0 * 6	10001561	0.	.0	.0
1	1855	228	0.	.0	.0 * 4	0230	895	0.	.0	.0 * 6	10051562	0.	.0	.0
1	1900	229	0.	.0	.0 * 4	0235	896	0.	.0	.0 * 6	10101563	0.	.0	.0
1	1905	230	0.	.0	.0 * 4	0240	897	0.	.0	.0 * 6	10151564	0.	.0	.0
1	1910	231	0.	.0	.0 * 4	0245	898	0.	.0	.0 * 6	10201565	0.	.0	.0
1	1915	232	0.	.0	.0 * 4	0250	899	0.	.0	.0 * 6	10251566	0.	.0	.0
1	1920	233	0.	.0	.0 * 4	0255	900	0.	.0	.0 * 6	10301567	0.	.0	.0
1	1925	234	0.	.0	.0 * 4	0300	901	0.	.0	.0 * 6	10351568	0.	.0	.0
1	1930	235	0.	.0	.0 * 4	0305	902	0.	.0	.0 * 6	10401569	0.	.0	.0
1	1935	236	0.	.0	.0 * 4	0310	903	0.	.0	.0 * 6	10451570	0.	.0	.0
1	1940	237	0.	.0	.0 * 4	0315	904	0.	.0	.0 * 6	10501571	0.	.0	.0
1	1945	238	0.	.0	.0 * 4	0320	905	0.	.0	.0 * 6	10551572	0.	.0	.0
1	1950	239	0.	.0	.0 * 4	0325	906	0.	.0	.0 * 6	11001573	0.	.0	.0
1	1955	240	0.	.0	.0 * 4	0330	907	0.	.0	.0 * 6	11051574	0.	.0	.0
1	2000	241	0.	.0	.0 * 4	0335	908	0.	.0	.0 * 6	11101575	0.	.0	.0
1	2005	242	0.	.0	.0 * 4	0340	909	0.	.0	.0 * 6	11151576	0.	.0	.0
1	2010	243	0.	.0	.0 * 4	0345	910	0.	.0	.0 * 6	11201577	0.	.0	.0
1	2015	244	0.	.0	.0 * 4	0350	911	0.	.0	.0 * 6	11251578	0.	.0	.0
1	2020	245	0.	.0	.0 * 4	0355	912	0.	.0	.0 * 6	11301579	0.	.0	.0
1	2025	246	0.	.0	.0 * 4	0400	913	0.	.0	.0 * 6	11351580	0.	.0	.0
1	2030	247	0.	.0	.0 * 4	0405	914	0.	.0	.0 * 6	11401581	0.	.0	.0
1	2035	248	0.	.0	.0 * 4	0410	915	0.	.0	.0 * 6	11451582	0.	.0	.0
1	2040	249	0.	.0	.0 * 4	0415	916	0.	.0	.0 * 6	11501583	0.	.0	.0
1	2045	250	0.	.0	.0 * 4	0420	917	0.	.0	.0 * 6	11551584	0.	.0	.0
1	2050	251	0.	.0	.0 * 4	0425	918	0.	.0	.0 * 6	12001585	0.	.0	.0
1	2055	252	0.	.0	.0 * 4	0430	919	0.	.0	.0 * 6	12051586	0.	.0	.0
1	2100	253	0.	.0	.0 * 4	0435	920	0.	.0	.0 * 6	12101587	0.	.0	.0
1	2105	254	0.	.0	.0 * 4	0440	921	0.	.0	.0 * 6	12151588	0.	.0	.0
1	2110	255	0.	.0	.0 * 4	0445	922	0.	.0	.0 * 6	12201589	0.	.0	.0
1	2115	256	0.	.0	.0 * 4	0450	923	0.	.0	.0 * 6	12251590	0.	.0	.0
1	2120	257	0.	.0	.0 * 4	0455	924	0.	.0	.0 * 6	12301591	0.	.0	.0
1	2125	258	0.	.0	.0 * 4	0500	925	0.	.0	.0 * 6	12351592	0.	.0	.0
1	2130	259	0.	.0	.0 * 4	0505	926	0.	.0	.0 * 6	12401593	0.	.0	.0
1	2135	260	0.	.0	.0 * 4	0510	927	0.	.0	.0 * 6	12451594	0.	.0	.0
1	2140	261	0.	.0	.0 * 4	0515	928	0.	.0	.0 * 6	12501595	0.	.0	.0
1	2145	262	0.	.0	.0 * 4	0520	929	0.	.0	.0 * 6	12551596	0.	.0	.0
1	2150	263	0.	.0	.0 * 4	0525	930	0.	.0	.0 * 6	13001597	0.	.0	.0
1	2155	264	0.	.0	.0 * 4	0530	931	0.	.0	.0 * 6	13051598	0.	.0	.0
1	2200	265	0.	.0	.0 * 4	0535	932	0.	.0	.0 * 6	13101599	0.	.0	.0
1	2205	266	0.	.0	.0 * 4	0540	933	0.	.0	.0 * 6	13151600	0.	.0	.0
1	2210	267	0.	.0	.0 * 4	0545	934	0.	.0	.0 * 6	13201601	0.	.0	.0
1	2215	268	0.	.0	.0 * 4	0550	935	0.	.0	.0 * 6	13251602	0.	.0	.0
1	2220	269	0.	.0	.0 * 4	0555	936	0.	.0	.0 * 6	13301603	0.	.0	.0
1	2225	270	0.	.0	.0 * 4	0600	937	0.	.0	.0 * 6	13351604	0.	.0	.0
1	2230	271	0.	.0	.0 * 4	0605	938	0.	.0	.0 * 6	13401605	0.	.0	.0
1	2235	272	0.	.0	.0 * 4	0610	939	0.	.0	.0 * 6	13451606	0.	.0	.0
1	2240	273	0.	.0	.0 * 4	0615	940	0.	.0	.0 * 6	13501607	0.	.0	.0
1	2245	274	0.	.0	.0 * 4	0620	941	0.	.0	.0 * 6	13551608	0.	.0	.0
1	2250	275	0.	.0	.0 * 4	0625	942	0.	.0	.0 * 6	14001609	0.	.0	.0
1	2255	276	0.	.0	.0 * 4	0630	943	0.	.0	.0 * 6	14051610	0.	.0	.0
1	2300	277	0.	.0	.0 * 4	0635	944	0.	.0	.0 * 6	14101611	0.	.0	.0
1	2305	278	0.	.0	.0 * 4	0640	945	0.	.0	.0 * 6	14151612	0.	.0	.0
1	2310	279	0.	.0	.0 * 4	0645	946	0.	.0	.0 * 6	14201613	0.	.0	.0
1	2315	280	0.	.0	.0 * 4	0650	947	0.	.0	.0 * 6	14251614	0.	.0	.0
1	2320	281	0.	.0	.0 * 4	0655	948	0.	.0	.0 * 6	14301615	0.	.0	.0
1	2325	282	0.	.0	.0 * 4	0700	949	0.	.0	.0 * 6	14351616	0.	.0	.0
1	2330	283	0.	.0	.0 * 4	0705	950	0.	.0	.0 * 6	14401617	0.	.0	.0
1	2335	284	0.	.0	.0 * 4	0710	951	0.	.0	.0 * 6	14451618	0.	.0	.0
1	2340	285	0.	.0	.0 * 4	0715	952	0.	.0	.0 * 6	14501619	0.	.0	.0
1	2345	286	0.	.0	.0 * 4	0720	953	0.	.0	.0 * 6	14551620	0.	.0	.0
1	2350	287	0.	.0	.0 * 4	0725	954	0.	.0	.0 * 6	15001621	0.	.0	.0
1	2355	288	0.	.0	.0 * 4	0730	955	0.	.0	.0 * 6	15051622	0.	.0	.0
2	0000	289	0.	.0	.0 * 4	0735	956	0.	.0	.0 * 6	15101623	0.	.0	.0
2	0005	290	0.	.0	.0 * 4	0740	957	0.	.0	.0 * 6	15151624	0.	.0	.0
2	0010	291	0.	.0	.0 * 4	0745	958	0.	.0	.0 * 6	15201625	0.	.0	.0
2	0015	292	0.	.0	.0 * 4	0750	959	0.	.0	.0 * 6	15251626	0.	.0	.0
2	0020	293	0.	.0	.0 * 4	0755	960	0.	.0	.0 * 6	15301627	0.	.0	.0

									ULT					
2	0025	294	0.	.0	.0 * 4	0800	961	0.	.0	.0 * 6	15351628	0.	.0	.0
2	0030	295	0.	.0	.0 * 4	0805	962	0.	.0	.0 * 6	15401629	0.	.0	.0
2	0035	296	0.	.0	.0 * 4	0810	963	0.	.0	.0 * 6	15451630	0.	.0	.0
2	0040	297	0.	.0	.0 * 4	0815	964	0.	.0	.0 * 6	15501631	0.	.0	.0
2	0045	298	0.	.0	.0 * 4	0820	965	0.	.0	.0 * 6	15551632	0.	.0	.0
2	0050	299	0.	.0	.0 * 4	0825	966	0.	.0	.0 * 6	16001633	0.	.0	.0
2	0055	300	0.	.0	.0 * 4	0830	967	0.	.0	.0 * 6	16051634	0.	.0	.0
2	0100	301	0.	.0	.0 * 4	0835	968	0.	.0	.0 * 6	16101635	0.	.0	.0
2	0105	302	0.	.0	.0 * 4	0840	969	0.	.0	.0 * 6	16151636	0.	.0	.0
2	0110	303	0.	.0	.0 * 4	0845	970	0.	.0	.0 * 6	16201637	0.	.0	.0
2	0115	304	0.	.0	.0 * 4	0850	971	0.	.0	.0 * 6	16251638	0.	.0	.0
2	0120	305	0.	.0	.0 * 4	0855	972	0.	.0	.0 * 6	16301639	0.	.0	.0
2	0125	306	0.	.0	.0 * 4	0900	973	0.	.0	.0 * 6	16351640	0.	.0	.0
2	0130	307	0.	.0	.0 * 4	0905	974	0.	.0	.0 * 6	16401641	0.	.0	.0
2	0135	308	0.	.0	.0 * 4	0910	975	0.	.0	.0 * 6	16451642	0.	.0	.0
2	0140	309	0.	.0	.0 * 4	0915	976	0.	.0	.0 * 6	16501643	0.	.0	.0
2	0145	310	0.	.0	.0 * 4	0920	977	0.	.0	.0 * 6	16551644	0.	.0	.0
2	0150	311	0.	.0	.0 * 4	0925	978	0.	.0	.0 * 6	17001645	0.	.0	.0
2	0155	312	0.	.0	.0 * 4	0930	979	0.	.0	.0 * 6	17051646	0.	.0	.0
2	0200	313	0.	.0	.0 * 4	0935	980	0.	.0	.0 * 6	17101647	0.	.0	.0
2	0205	314	0.	.0	.0 * 4	0940	981	0.	.0	.0 * 6	17151648	0.	.0	.0
2	0210	315	0.	.0	.0 * 4	0945	982	0.	.0	.0 * 6	17201649	0.	.0	.0
2	0215	316	0.	.0	.0 * 4	0950	983	0.	.0	.0 * 6	17251650	0.	.0	.0
2	0220	317	0.	.0	.0 * 4	0955	984	0.	.0	.0 * 6	17301651	0.	.0	.0
2	0225	318	0.	.0	.0 * 4	1000	985	0.	.0	.0 * 6	17351652	0.	.0	.0
2	0230	319	0.	.0	.0 * 4	1005	986	0.	.0	.0 * 6	17401653	0.	.0	.0
2	0235	320	0.	.0	.0 * 4	1010	987	0.	.0	.0 * 6	17451654	0.	.0	.0
2	0240	321	0.	.0	.0 * 4	1015	988	0.	.0	.0 * 6	17501655	0.	.0	.0
2	0245	322	0.	.0	.0 * 4	1020	989	0.	.0	.0 * 6	17551656	0.	.0	.0
2	0250	323	0.	.0	.0 * 4	1025	990	0.	.0	.0 * 6	18001657	0.	.0	.0
2	0255	324	0.	.0	.0 * 4	1030	991	0.	.0	.0 * 6	18051658	0.	.0	.0
2	0300	325	0.	.0	.0 * 4	1035	992	0.	.0	.0 * 6	18101659	0.	.0	.0
2	0305	326	0.	.0	.0 * 4	1040	993	0.	.0	.0 * 6	18151660	0.	.0	.0
2	0310	327	0.	.0	.0 * 4	1045	994	0.	.0	.0 * 6	18201661	0.	.0	.0
2	0315	328	0.	.0	.0 * 4	1050	995	0.	.0	.0 * 6	18251662	0.	.0	.0
2	0320	329	0.	.0	.0 * 4	1055	996	0.	.0	.0 * 6	18301663	0.	.0	.0
2	0325	330	0.	.0	.0 * 4	1100	997	0.	.0	.0 * 6	18351664	0.	.0	.0
2	0330	331	0.	.0	.0 * 4	1105	998	0.	.0	.0 * 6	18401665	0.	.0	.0
2	0335	332	0.	.0	.0 * 4	1110	999	0.	.0	.0 * 6	18451666	0.	.0	.0
2	0340	333	0.	.0	.0 * 4	11151000		0.	.0	.0 * 6	18501667	0.	.0	.0
2	0345	334	0.	.0	.0 * 4	11201001		0.	.0	.0 * 6	18551668	0.	.0	.0
2	0350	335	0.	.0	.0 * 4	11251002		0.	.0	.0 * 6	19001669	0.	.0	.0
2	0355	336	0.	.0	.0 * 4	11301003		0.	.0	.0 * 6	19051670	0.	.0	.0
2	0400	337	0.	.0	.0 * 4	11351004		0.	.0	.0 * 6	19101671	0.	.0	.0
2	0405	338	0.	.0	.0 * 4	11401005		0.	.0	.0 * 6	19151672	0.	.0	.0
2	0410	339	0.	.0	.0 * 4	11451006		0.	.0	.0 * 6	19201673	0.	.0	.0
2	0415	340	0.	.0	.0 * 4	11501007		0.	.0	.0 * 6	19251674	0.	.0	.0
2	0420	341	0.	.0	.0 * 4	11551008		0.	.0	.0 * 6	19301675	0.	.0	.0
2	0425	342	0.	.0	.0 * 4	12001009		0.	.0	.0 * 6	19351676	0.	.0	.0
2	0430	343	0.	.0	.0 * 4	12051010		0.	.0	.0 * 6	19401677	0.	.0	.0
2	0435	344	0.	.0	.0 * 4	12101011		0.	.0	.0 * 6	19451678	0.	.0	.0
2	0440	345	0.	.0	.0 * 4	12151012		0.	.0	.0 * 6	19501679	0.	.0	.0
2	0445	346	0.	.0	.0 * 4	12201013		0.	.0	.0 * 6	19551680	0.	.0	.0
2	0450	347	0.	.0	.0 * 4	12251014		0.	.0	.0 * 6	20001681	0.	.0	.0
2	0455	348	0.	.0	.0 * 4	12301015		0.	.0	.0 * 6	20051682	0.	.0	.0
2	0500	349	0.	.0	.0 * 4	12351016		0.	.0	.0 * 6	20101683	0.	.0	.0
2	0505	350	0.	.0	.0 * 4	12401017		0.	.0	.0 * 6	20151684	0.	.0	.0
2	0510	351	0.	.0	.0 * 4	12451018		0.	.0	.0 * 6	20201685	0.	.0	.0
2	0515	352	0.	.0	.0 * 4	12501019		0.	.0	.0 * 6	20251686	0.	.0	.0
2	0520	353	0.	.0	.0 * 4	12551020		0.	.0	.0 * 6	20301687	0.	.0	.0
2	0525	354	0.	.0	.0 * 4	13001021		0.	.0	.0 * 6	20351688	0.	.0	.0
2	0530	355	0.	.0	.0 * 4	13051022		0.	.0	.0 * 6	20401689	0.	.0	.0
2	0535	356	0.	.0	.0 * 4	13101023		0.	.0	.0 * 6	20451690	0.	.0	.0
2	0540	357	0.	.0	.0 * 4	13151024		0.	.0	.0 * 6	20501691	0.	.0	.0
2	0545	358	0.	.0	.0 * 4	13201025		0.	.0	.0 * 6	20551692	0.	.0	.0
2	0550	359	0.	.0	.0 * 4	13251026		0.	.0	.0 * 6	21001693	0.	.0	.0
2	0555	360	0.	.0	.0 * 4	13301027		0.	.0	.0 * 6	21051694	0.	.0	.0
2	0600	361	0.	.0	.0 * 4	13351028		0.	.0	.0 * 6	21101695	0.	.0	.0
2	0605	362	0.	.0	.0 * 4	13401029		0.	.0	.0 * 6	21151696	0.	.0	.0
2	0610	363	0.	.0	.0 * 4	13451030		0.	.0	.0 * 6	21201697	0.	.0	.0
2	0615	364	0.	.0	.0 * 4	13501031		0.	.0	.0 * 6	21251698	0.	.0	.0
2	0620	365	0.	.0	.0 * 4	13551032		0.	.0	.0 * 6	21301699	0.	.0	.0
2	0625	366	0.	.0	.0 * 4	14001033		0.	.0	.0 * 6	21351700	0.	.0	.0
2	0630	367	0.	.0	.0 * 4	14051034		0.	.0	.0 * 6	21401701	0.	.0	.0
2	0635	368	0.	.0	.0 * 4	14101035		0.	.0	.0 * 6	21451702	0.	.0	.0
2	0640	369	0.	.0	.0 * 4	14151036		0.	.0	.0 * 6	21501703	0.	.0	.0
2	0645	370	0.	.0	.0 * 4	14201037		0.	.0	.0 * 6	21551704	0.	.0	.0
2	0650	371	0.	.0	.0 * 4	14251038		0.	.0	.0 * 6	22001705	0.	.0	.0
2	0655	372	0.	.0	.0 * 4	14301039		0.	.0	.0 * 6	22051706	0.	.0	.0
2	0700	373	0.	.0	.0 * 4	14351040		0.	.0	.0 * 6	22101707	0.	.0	.0
2	0705	374	0.	.0	.0 * 4	14401041		0.	.0	.0 * 6	22151708	0.	.0	.0
2	0710	375	0.	.0	.0 * 4	14451042		0.	.0	.0 * 6	22201709	0.	.0	.0
2	0715	376	0.	.0	.0 * 4	14501043		0.	.0	.0 * 6	22251710	0.	.0	.0
2	0720	377	0.	.0	.0 * 4	14551044		0.	.0	.0 * 6	22301711	0.	.0	.0
2	0725	378	0.	.0	.0 * 4	15001045		0.	.0	.0 * 6	22351712	0.	.0	.0
2	0730	379	0.	.0	.0 * 4	15051046		0.	.0	.0 * 6	22401713	0.	.0	.0
2	0735	380	0.	.0	.0 * 4	15101047		0.	.0	.0 * 6	22451714	0.	.0	.0
2	0740	381	0.	.0	.0 * 4	15151048		0.	.0	.0 * 6	22501715	0.	.0	.0
2	0745	382	0.	.0	.0 * 4	15201049		0.	.0	.0 * 6	22551716	0.	.0	.0

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2	0750 383	0.	.0	.0 * 4	15251050	0.	.0	.0 * 6	23001717	0.	.0	.0
2	0755 384	0.	.0	.0 * 4	15301051	0.	.0	.0 * 6	23051718	0.	.0	.0
2	0800 385	0.	.0	.0 * 4	15351052	0.	.0	.0 * 6	23101719	0.	.0	.0
2	0805 386	0.	.0	.0 * 4	15401053	0.	.0	.0 * 6	23151720	0.	.0	.0
2	0810 387	0.	.0	.0 * 4	15451054	0.	.0	.0 * 6	23201721	0.	.0	.0
2	0815 388	0.	.0	.0 * 4	15501055	0.	.0	.0 * 6	23251722	0.	.0	.0
2	0820 389	0.	.0	.0 * 4	15551056	0.	.0	.0 * 6	23301723	0.	.0	.0
2	0825 390	0.	.0	.0 * 4	16001057	0.	.0	.0 * 6	23351724	0.	.0	.0
2	0830 391	0.	.0	.0 * 4	16051058	0.	.0	.0 * 6	23401725	0.	.0	.0
2	0835 392	0.	.0	.0 * 4	16101059	0.	.0	.0 * 6	23451726	0.	.0	.0
2	0840 393	0.	.0	.0 * 4	16151060	0.	.0	.0 * 6	23501727	0.	.0	.0
2	0845 394	0.	.0	.0 * 4	16201061	0.	.0	.0 * 6	23551728	0.	.0	.0
2	0850 395	0.	.0	.0 * 4	16251062	0.	.0	.0 * 7	00001729	0.	.0	.0
2	0855 396	0.	.0	.0 * 4	16301063	0.	.0	.0 * 7	00051730	0.	.0	.0
2	0900 397	0.	.0	.0 * 4	16351064	0.	.0	.0 * 7	00101731	0.	.0	.0
2	0905 398	0.	.0	.0 * 4	16401065	0.	.0	.0 * 7	00151732	0.	.0	.0
2	0910 399	0.	.0	.0 * 4	16451066	0.	.0	.0 * 7	00201733	0.	.0	.0
2	0915 400	0.	.0	.0 * 4	16501067	0.	.0	.0 * 7	00251734	0.	.0	.0
2	0920 401	0.	.0	.0 * 4	16551068	0.	.0	.0 * 7	00301735	0.	.0	.0
2	0925 402	0.	.0	.0 * 4	17001069	0.	.0	.0 * 7	00351736	0.	.0	.0
2	0930 403	0.	.0	.0 * 4	17051070	0.	.0	.0 * 7	00401737	0.	.0	.0
2	0935 404	0.	.0	.0 * 4	17101071	0.	.0	.0 * 7	00451738	0.	.0	.0
2	0940 405	0.	.0	.0 * 4	17151072	0.	.0	.0 * 7	00501739	0.	.0	.0
2	0945 406	0.	.0	.0 * 4	17201073	0.	.0	.0 * 7	00551740	0.	.0	.0
2	0950 407	0.	.0	.0 * 4	17251074	0.	.0	.0 * 7	01001741	0.	.0	.0
2	0955 408	0.	.0	.0 * 4	17301075	0.	.0	.0 * 7	01051742	0.	.0	.0
2	1000 409	0.	.0	.0 * 4	17351076	0.	.0	.0 * 7	01101743	0.	.0	.0
2	1005 410	0.	.0	.0 * 4	17401077	0.	.0	.0 * 7	01151744	0.	.0	.0
2	1010 411	0.	.0	.0 * 4	17451078	0.	.0	.0 * 7	01201745	0.	.0	.0
2	1015 412	0.	.0	.0 * 4	17501079	0.	.0	.0 * 7	01251746	0.	.0	.0
2	1020 413	0.	.0	.0 * 4	17551080	0.	.0	.0 * 7	01301747	0.	.0	.0
2	1025 414	0.	.0	.0 * 4	18001081	0.	.0	.0 * 7	01351748	0.	.0	.0
2	1030 415	0.	.0	.0 * 4	18051082	0.	.0	.0 * 7	01401749	0.	.0	.0
2	1035 416	0.	.0	.0 * 4	18101083	0.	.0	.0 * 7	01451750	0.	.0	.0
2	1040 417	0.	.0	.0 * 4	18151084	0.	.0	.0 * 7	01501751	0.	.0	.0
2	1045 418	0.	.0	.0 * 4	18201085	0.	.0	.0 * 7	01551752	0.	.0	.0
2	1050 419	0.	.0	.0 * 4	18251086	0.	.0	.0 * 7	02001753	0.	.0	.0
2	1055 420	0.	.0	.0 * 4	18301087	0.	.0	.0 * 7	02051754	0.	.0	.0
2	1100 421	0.	.0	.0 * 4	18351088	0.	.0	.0 * 7	02101755	0.	.0	.0
2	1105 422	0.	.0	.0 * 4	18401089	0.	.0	.0 * 7	02151756	0.	.0	.0
2	1110 423	0.	.0	.0 * 4	18451090	0.	.0	.0 * 7	02201757	0.	.0	.0
2	1115 424	0.	.0	.0 * 4	18501091	0.	.0	.0 * 7	02251758	0.	.0	.0
2	1120 425	0.	.0	.0 * 4	18551092	0.	.0	.0 * 7	02301759	0.	.0	.0
2	1125 426	0.	.0	.0 * 4	19001093	0.	.0	.0 * 7	02351760	0.	.0	.0
2	1130 427	0.	.0	.0 * 4	19051094	0.	.0	.0 * 7	02401761	0.	.0	.0
2	1135 428	0.	.0	.0 * 4	19101095	0.	.0	.0 * 7	02451762	0.	.0	.0
2	1140 429	0.	.0	.0 * 4	19151096	0.	.0	.0 * 7	02501763	0.	.0	.0
2	1145 430	0.	.0	.0 * 4	19201097	0.	.0	.0 * 7	02551764	0.	.0	.0
2	1150 431	0.	.0	.0 * 4	19251098	0.	.0	.0 * 7	03001765	0.	.0	.0
2	1155 432	0.	.0	.0 * 4	19301099	0.	.0	.0 * 7	03051766	0.	.0	.0
2	1200 433	0.	.0	.0 * 4	19351100	0.	.0	.0 * 7	03101767	0.	.0	.0
2	1205 434	0.	.0	.0 * 4	19401101	0.	.0	.0 * 7	03151768	0.	.0	.0
2	1210 435	0.	.0	.0 * 4	19451102	0.	.0	.0 * 7	03201769	0.	.0	.0
2	1215 436	0.	.0	.0 * 4	19501103	0.	.0	.0 * 7	03251770	0.	.0	.0
2	1220 437	0.	.0	.0 * 4	19551104	0.	.0	.0 * 7	03301771	0.	.0	.0
2	1225 438	0.	.0	.0 * 4	20001105	0.	.0	.0 * 7	03351772	0.	.0	.0
2	1230 439	0.	.0	.0 * 4	20051106	0.	.0	.0 * 7	03401773	0.	.0	.0
2	1235 440	0.	.0	.0 * 4	20101107	0.	.0	.0 * 7	03451774	0.	.0	.0
2	1240 441	0.	.0	.0 * 4	20151108	0.	.0	.0 * 7	03501775	0.	.0	.0
2	1245 442	0.	.0	.0 * 4	20201109	0.	.0	.0 * 7	03551776	0.	.0	.0
2	1250 443	0.	.0	.0 * 4	20251110	0.	.0	.0 * 7	04001777	0.	.0	.0
2	1255 444	0.	.0	.0 * 4	20301111	0.	.0	.0 * 7	04051778	0.	.0	.0
2	1300 445	0.	.0	.0 * 4	20351112	0.	.0	.0 * 7	04101779	0.	.0	.0
2	1305 446	0.	.0	.0 * 4	20401113	0.	.0	.0 * 7	04151780	0.	.0	.0
2	1310 447	0.	.0	.0 * 4	20451114	0.	.0	.0 * 7	04201781	0.	.0	.0
2	1315 448	0.	.0	.0 * 4	20501115	0.	.0	.0 * 7	04251782	0.	.0	.0
2	1320 449	0.	.0	.0 * 4	20551116	0.	.0	.0 * 7	04301783	0.	.0	.0
2	1325 450	0.	.0	.0 * 4	21001117	0.	.0	.0 * 7	04351784	0.	.0	.0
2	1330 451	0.	.0	.0 * 4	21051118	0.	.0	.0 * 7	04401785	0.	.0	.0
2	1335 452	0.	.0	.0 * 4	21101119	0.	.0	.0 * 7	04451786	0.	.0	.0
2	1340 453	0.	.0	.0 * 4	21151120	0.	.0	.0 * 7	04501787	0.	.0	.0
2	1345 454	0.	.0	.0 * 4	21201121	0.	.0	.0 * 7	04551788	0.	.0	.0
2	1350 455	0.	.0	.0 * 4	21251122	0.	.0	.0 * 7	05001789	0.	.0	.0
2	1355 456	0.	.0	.0 * 4	21301123	0.	.0	.0 * 7	05051790	0.	.0	.0
2	1400 457	0.	.0	.0 * 4	21351124	0.	.0	.0 * 7	05101791	0.	.0	.0
2	1405 458	0.	.0	.0 * 4	21401125	0.	.0	.0 * 7	05151792	0.	.0	.0
2	1410 459	0.	.0	.0 * 4	21451126	0.	.0	.0 * 7	05201793	0.	.0	.0
2	1415 460	0.	.0	.0 * 4	21501127	0.	.0	.0 * 7	05251794	0.	.0	.0
2	1420 461	0.	.0	.0 * 4	21551128	0.	.0	.0 * 7	05301795	0.	.0	.0
2	1425 462	0.	.0	.0 * 4	22001129	0.	.0	.0 * 7	05351796	0.	.0	.0
2	1430 463	0.	.0	.0 * 4	22051130	0.	.0	.0 * 7	05401797	0.	.0	.0
2	1435 464	0.	.0	.0 * 4	22101131	0.	.0	.0 * 7	05451798	0.	.0	.0
2	1440 465	0.	.0	.0 * 4	22151132	0.	.0	.0 * 7	05501799	0.	.0	.0
2	1445 466	0.	.0	.0 * 4	22201133	0.	.0	.0 * 7	05551800	0.	.0	.0
2	1450 467	0.	.0	.0 * 4	22251134	0.	.0	.0 * 7	06001801	0.	.0	.0
2	1455 468	0.	.0	.0 * 4	22301135	0.	.0	.0 * 7	06051802	0.	.0	.0
2	1500 469	0.	.0	.0 * 4	22351136	0.	.0	.0 * 7	06101803	0.	.0	.0
2	1505 470	0.	.0	.0 * 4	22401137	0.	.0	.0 * 7	06151804	0.	.0	.0
2	1510 471	0.	.0	.0 * 4	22451138	0.	.0	.0 * 7	06201805	0.	.0	.0

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2	1515	472	0.	.0	.0 * 4	22501139	0.	.0	.0 * 7	06251806	0.	.0	.0	
2	1520	473	0.	.0	.0 * 4	22551140	0.	.0	.0 * 7	06301807	0.	.0	.0	
2	1525	474	0.	.0	.0 * 4	23001141	0.	.0	.0 * 7	06351808	0.	.0	.0	
2	1530	475	0.	.0	.0 * 4	23051142	0.	.0	.0 * 7	06401809	0.	.0	.0	
2	1535	476	0.	.0	.0 * 4	23101143	0.	.0	.0 * 7	06451810	0.	.0	.0	
2	1540	477	0.	.0	.0 * 4	23151144	0.	.0	.0 * 7	06501811	0.	.0	.0	
2	1545	478	0.	.0	.0 * 4	23201145	0.	.0	.0 * 7	06551812	0.	.0	.0	
2	1550	479	0.	.0	.0 * 4	23251146	0.	.0	.0 * 7	07001813	0.	.0	.0	
2	1555	480	0.	.0	.0 * 4	23301147	0.	.0	.0 * 7	07051814	0.	.0	.0	
2	1600	481	0.	.0	.0 * 4	23351148	0.	.0	.0 * 7	07101815	0.	.0	.0	
2	1605	482	0.	.0	.0 * 4	23401149	0.	.0	.0 * 7	07151816	0.	.0	.0	
2	1610	483	0.	.0	.0 * 4	23451150	0.	.0	.0 * 7	07201817	0.	.0	.0	
2	1615	484	0.	.0	.0 * 4	23501151	0.	.0	.0 * 7	07251818	0.	.0	.0	
2	1620	485	0.	.0	.0 * 4	23551152	0.	.0	.0 * 7	07301819	0.	.0	.0	
2	1625	486	0.	.0	.0 * 5	00001153	0.	.0	.0 * 7	07351820	0.	.0	.0	
2	1630	487	0.	.0	.0 * 5	00051154	0.	.0	.0 * 7	07401821	0.	.0	.0	
2	1635	488	0.	.0	.0 * 5	00101155	0.	.0	.0 * 7	07451822	0.	.0	.0	
2	1640	489	0.	.0	.0 * 5	00151156	0.	.0	.0 * 7	07501823	0.	.0	.0	
2	1645	490	0.	.0	.0 * 5	00201157	0.	.0	.0 * 7	07551824	0.	.0	.0	
2	1650	491	0.	.0	.0 * 5	00251158	0.	.0	.0 * 7	08001825	0.	.0	.0	
2	1655	492	0.	.0	.0 * 5	00301159	0.	.0	.0 * 7	08051826	0.	.0	.0	
2	1700	493	0.	.0	.0 * 5	00351160	0.	.0	.0 * 7	08101827	0.	.0	.0	
2	1705	494	0.	.0	.0 * 5	00401161	0.	.0	.0 * 7	08151828	0.	.0	.0	
2	1710	495	0.	.0	.0 * 5	00451162	0.	.0	.0 * 7	08201829	0.	.0	.0	
2	1715	496	0.	.0	.0 * 5	00501163	0.	.0	.0 * 7	08251830	0.	.0	.0	
2	1720	497	0.	.0	.0 * 5	00551164	0.	.0	.0 * 7	08301831	0.	.0	.0	
2	1725	498	0.	.0	.0 * 5	01001165	0.	.0	.0 * 7	08351832	0.	.0	.0	
2	1730	499	0.	.0	.0 * 5	01051166	0.	.0	.0 * 7	08401833	0.	.0	.0	
2	1735	500	0.	.0	.0 * 5	01101167	0.	.0	.0 * 7	08451834	0.	.0	.0	
2	1740	501	0.	.0	.0 * 5	01151168	0.	.0	.0 * 7	08501835	0.	.0	.0	
2	1745	502	0.	.0	.0 * 5	01201169	0.	.0	.0 * 7	08551836	0.	.0	.0	
2	1750	503	0.	.0	.0 * 5	01251170	0.	.0	.0 * 7	09001837	0.	.0	.0	
2	1755	504	0.	.0	.0 * 5	01301171	0.	.0	.0 * 7	09051838	0.	.0	.0	
2	1800	505	0.	.0	.0 * 5	01351172	0.	.0	.0 * 7	09101839	0.	.0	.0	
2	1805	506	0.	.0	.0 * 5	01401173	0.	.0	.0 * 7	09151840	0.	.0	.0	
2	1810	507	0.	.0	.0 * 5	01451174	0.	.0	.0 * 7	09201841	0.	.0	.0	
2	1815	508	0.	.0	.0 * 5	01501175	0.	.0	.0 * 7	09251842	0.	.0	.0	
2	1820	509	0.	.0	.0 * 5	01551176	0.	.0	.0 * 7	09301843	0.	.0	.0	
2	1825	510	0.	.0	.0 * 5	02001177	0.	.0	.0 * 7	09351844	0.	.0	.0	
2	1830	511	0.	.0	.0 * 5	02051178	0.	.0	.0 * 7	09401845	0.	.0	.0	
2	1835	512	0.	.0	.0 * 5	02101179	0.	.0	.0 * 7	09451846	0.	.0	.0	
2	1840	513	0.	.0	.0 * 5	02151180	0.	.0	.0 * 7	09501847	0.	.0	.0	
2	1845	514	0.	.0	.0 * 5	02201181	0.	.0	.0 * 7	09551848	0.	.0	.0	
2	1850	515	0.	.0	.0 * 5	02251182	0.	.0	.0 * 7	10001849	0.	.0	.0	
2	1855	516	0.	.0	.0 * 5	02301183	0.	.0	.0 * 7	10051850	0.	.0	.0	
2	1900	517	0.	.0	.0 * 5	02351184	0.	.0	.0 * 7	10101851	0.	.0	.0	
2	1905	518	0.	.0	.0 * 5	02401185	0.	.0	.0 * 7	10151852	0.	.0	.0	
2	1910	519	0.	.0	.0 * 5	02451186	0.	.0	.0 * 7	10201853	0.	.0	.0	
2	1915	520	0.	.0	.0 * 5	02501187	0.	.0	.0 * 7	10251854	0.	.0	.0	
2	1920	521	0.	.0	.0 * 5	02551188	0.	.0	.0 * 7	10301855	0.	.0	.0	
2	1925	522	0.	.0	.0 * 5	03001189	0.	.0	.0 * 7	10351856	0.	.0	.0	
2	1930	523	0.	.0	.0 * 5	03051190	0.	.0	.0 * 7	10401857	0.	.0	.0	
2	1935	524	0.	.0	.0 * 5	03101191	0.	.0	.0 * 7	10451858	0.	.0	.0	
2	1940	525	0.	.0	.0 * 5	03151192	0.	.0	.0 * 7	10501859	0.	.0	.0	
2	1945	526	0.	.0	.0 * 5	03201193	0.	.0	.0 * 7	10551860	0.	.0	.0	
2	1950	527	0.	.0	.0 * 5	03251194	0.	.0	.0 * 7	11001861	0.	.0	.0	
2	1955	528	0.	.0	.0 * 5	03301195	0.	.0	.0 * 7	11051862	0.	.0	.0	
2	2000	529	0.	.0	.0 * 5	03351196	0.	.0	.0 * 7	11101863	0.	.0	.0	
2	2005	530	0.	.0	.0 * 5	03401197	0.	.0	.0 * 7	11151864	0.	.0	.0	
2	2010	531	0.	.0	.0 * 5	03451198	0.	.0	.0 * 7	11201865	0.	.0	.0	
2	2015	532	0.	.0	.0 * 5	03501199	0.	.0	.0 * 7	11251866	0.	.0	.0	
2	2020	533	0.	.0	.0 * 5	03551200	0.	.0	.0 * 7	11301867	0.	.0	.0	
2	2025	534	0.	.0	.0 * 5	04001201	0.	.0	.0 * 7	11351868	0.	.0	.0	
2	2030	535	0.	.0	.0 * 5	04051202	0.	.0	.0 * 7	11401869	0.	.0	.0	
2	2035	536	0.	.0	.0 * 5	04101203	0.	.0	.0 * 7	11451870	0.	.0	.0	
2	2040	537	0.	.0	.0 * 5	04151204	0.	.0	.0 * 7	11501871	0.	.0	.0	
2	2045	538	0.	.0	.0 * 5	04201205	0.	.0	.0 * 7	11551872	0.	.0	.0	
2	2050	539	0.	.0	.0 * 5	04251206	0.	.0	.0 * 7	12001873	0.	.0	.0	
2	2055	540	0.	.0	.0 * 5	04301207	0.	.0	.0 * 7	12051874	0.	.0	.0	
2	2100	541	0.	.0	.0 * 5	04351208	0.	.0	.0 * 7	12101875	0.	.0	.0	
2	2105	542	0.	.0	.0 * 5	04401209	0.	.0	.0 * 7	12151876	0.	.0	.0	
2	2110	543	0.	.0	.0 * 5	04451210	0.	.0	.0 * 7	12201877	0.	.0	.0	
2	2115	544	0.	.0	.0 * 5	04501211	0.	.0	.0 * 7	12251878	0.	.0	.0	
2	2120	545	0.	.0	.0 * 5	04551212	0.	.0	.0 * 7	12301879	0.	.0	.0	
2	2125	546	0.	.0	.0 * 5	05001213	0.	.0	.0 * 7	12351880	0.	.0	.0	
2	2130	547	0.	.0	.0 * 5	05051214	0.	.0	.0 * 7	12401881	0.	.0	.0	
2	2135	548	0.	.0	.0 * 5	05101215	0.	.0	.0 * 7	12451882	0.	.0	.0	
2	2140	549	0.	.0	.0 * 5	05151216	0.	.0	.0 * 7	12501883	0.	.0	.0	
2	2145	550	0.	.0	.0 * 5	05201217	0.	.0	.0 * 7	12551884	0.	.0	.0	
2	2150	551	0.	.0	.0 * 5	05251218	0.	.0	.0 * 7	13001885	0.	.0	.0	
2	2155	552	0.	.0	.0 * 5	05301219	0.	.0	.0 * 7	13051886	0.	.0	.0	
2	2200	553	0.	.0	.0 * 5	05351220	0.	.0	.0 * 7	13101887	0.	.0	.0	
2	2205	554	0.	.0	.0 * 5	05401221	0.	.0	.0 * 7	13151888	0.	.0	.0	
2	2210	555	0.	.0	.0 * 5	05451222	0.	.0	.0 * 7	13201889	0.	.0	.0	
2	2215	556	0.	.0	.0 * 5	05501223	0.	.0	.0 * 7	13251890	0.	.0	.0	
2	2220	557	0.	.0	.0 * 5	05551224	0.	.0	.0 * 7	13301891	0.	.0	.0	
2	2225	558	0.	.0	.0 * 5	06001225	0.	.0	.0 * 7	13351892	0.	.0	.0	
2	2230	559	0.	.0	.0 * 5	06051226	0.	.0	.0 * 7	13401893	0.	.0	.0	
2	2235	560	0.	.0	.0 * 5	06101227	0.	.0	.0 * 7	13451894	0.	.0	.0	

								ULT					
2	2240 561	0.	.0	.0 * 5	06151228	0.	.0	.0 * 7	13501895	0.	.0	.0
2	2245 562	0.	.0	.0 * 5	06201229	0.	.0	.0 * 7	13551896	0.	.0	.0
2	2250 563	0.	.0	.0 * 5	06251230	0.	.0	.0 * 7	14001897	0.	.0	.0
2	2255 564	0.	.0	.0 * 5	06301231	0.	.0	.0 * 7	14051898	0.	.0	.0
2	2300 565	0.	.0	.0 * 5	06351232	0.	.0	.0 * 7	14101899	0.	.0	.0
2	2305 566	0.	.0	.0 * 5	06401233	0.	.0	.0 * 7	14151900	0.	.0	.0
2	2310 567	0.	.0	.0 * 5	06451234	0.	.0	.0 * 7	14201901	0.	.0	.0
2	2315 568	0.	.0	.0 * 5	06501235	0.	.0	.0 * 7	14251902	0.	.0	.0
2	2320 569	0.	.0	.0 * 5	06551236	0.	.0	.0 * 7	14301903	0.	.0	.0
2	2325 570	0.	.0	.0 * 5	07001237	0.	.0	.0 * 7	14351904	0.	.0	.0
2	2330 571	0.	.0	.0 * 5	07051238	0.	.0	.0 * 7	14401905	0.	.0	.0
2	2335 572	0.	.0	.0 * 5	07101239	0.	.0	.0 * 7	14451906	0.	.0	.0
2	2340 573	0.	.0	.0 * 5	07151240	0.	.0	.0 * 7	14501907	0.	.0	.0
2	2345 574	0.	.0	.0 * 5	07201241	0.	.0	.0 * 7	14551908	0.	.0	.0
2	2350 575	0.	.0	.0 * 5	07251242	0.	.0	.0 * 7	15001909	0.	.0	.0
2	2355 576	0.	.0	.0 * 5	07301243	0.	.0	.0 * 7	15051910	0.	.0	.0
3	0000 577	0.	.0	.0 * 5	07351244	0.	.0	.0 * 7	15101911	0.	.0	.0
3	0005 578	0.	.0	.0 * 5	07401245	0.	.0	.0 * 7	15151912	0.	.0	.0
3	0010 579	0.	.0	.0 * 5	07451246	0.	.0	.0 * 7	15201913	0.	.0	.0
3	0015 580	0.	.0	.0 * 5	07501247	0.	.0	.0 * 7	15251914	0.	.0	.0
3	0020 581	0.	.0	.0 * 5	07551248	0.	.0	.0 * 7	15301915	0.	.0	.0
3	0025 582	0.	.0	.0 * 5	08001249	0.	.0	.0 * 7	15351916	0.	.0	.0
3	0030 583	0.	.0	.0 * 5	08051250	0.	.0	.0 * 7	15401917	0.	.0	.0
3	0035 584	0.	.0	.0 * 5	08101251	0.	.0	.0 * 7	15451918	0.	.0	.0
3	0040 585	0.	.0	.0 * 5	08151252	0.	.0	.0 * 7	15501919	0.	.0	.0
3	0045 586	0.	.0	.0 * 5	08201253	0.	.0	.0 * 7	15551920	0.	.0	.0
3	0050 587	0.	.0	.0 * 5	08251254	0.	.0	.0 * 7	16001921	0.	.0	.0
3	0055 588	0.	.0	.0 * 5	08301255	0.	.0	.0 * 7	16051922	0.	.0	.0
3	0100 589	0.	.0	.0 * 5	08351256	0.	.0	.0 * 7	16101923	0.	.0	.0
3	0105 590	0.	.0	.0 * 5	08401257	0.	.0	.0 * 7	16151924	0.	.0	.0
3	0110 591	0.	.0	.0 * 5	08451258	0.	.0	.0 * 7	16201925	0.	.0	.0
3	0115 592	0.	.0	.0 * 5	08501259	0.	.0	.0 * 7	16251926	0.	.0	.0
3	0120 593	0.	.0	.0 * 5	08551260	0.	.0	.0 * 7	16301927	0.	.0	.0
3	0125 594	0.	.0	.0 * 5	09001261	0.	.0	.0 * 7	16351928	0.	.0	.0
3	0130 595	0.	.0	.0 * 5	09051262	0.	.0	.0 * 7	16401929	0.	.0	.0
3	0135 596	0.	.0	.0 * 5	09101263	0.	.0	.0 * 7	16451930	0.	.0	.0
3	0140 597	0.	.0	.0 * 5	09151264	0.	.0	.0 * 7	16501931	0.	.0	.0
3	0145 598	0.	.0	.0 * 5	09201265	0.	.0	.0 * 7	16551932	0.	.0	.0
3	0150 599	0.	.0	.0 * 5	09251266	0.	.0	.0 * 7	17001933	0.	.0	.0
3	0155 600	0.	.0	.0 * 5	09301267	0.	.0	.0 * 7	17051934	0.	.0	.0
3	0200 601	0.	.0	.0 * 5	09351268	0.	.0	.0 * 7	17101935	0.	.0	.0
3	0205 602	0.	.0	.0 * 5	09401269	0.	.0	.0 * 7	17151936	0.	.0	.0
3	0210 603	0.	.0	.0 * 5	09451270	0.	.0	.0 * 7	17201937	0.	.0	.0
3	0215 604	0.	.0	.0 * 5	09501271	0.	.0	.0 * 7	17251938	0.	.0	.0
3	0220 605	0.	.0	.0 * 5	09551272	0.	.0	.0 * 7	17301939	0.	.0	.0
3	0225 606	0.	.0	.0 * 5	10001273	0.	.0	.0 * 7	17351940	0.	.0	.0
3	0230 607	0.	.0	.0 * 5	10051274	0.	.0	.0 * 7	17401941	0.	.0	.0
3	0235 608	0.	.0	.0 * 5	10101275	0.	.0	.0 * 7	17451942	0.	.0	.0
3	0240 609	0.	.0	.0 * 5	10151276	0.	.0	.0 * 7	17501943	0.	.0	.0
3	0245 610	0.	.0	.0 * 5	10201277	0.	.0	.0 * 7	17551944	0.	.0	.0
3	0250 611	0.	.0	.0 * 5	10251278	0.	.0	.0 * 7	18001945	0.	.0	.0
3	0255 612	0.	.0	.0 * 5	10301279	0.	.0	.0 * 7	18051946	0.	.0	.0
3	0300 613	0.	.0	.0 * 5	10351280	0.	.0	.0 * 7	18101947	0.	.0	.0
3	0305 614	0.	.0	.0 * 5	10401281	0.	.0	.0 * 7	18151948	0.	.0	.0
3	0310 615	0.	.0	.0 * 5	10451282	0.	.0	.0 * 7	18201949	0.	.0	.0
3	0315 616	0.	.0	.0 * 5	10501283	0.	.0	.0 * 7	18251950	0.	.0	.0
3	0320 617	0.	.0	.0 * 5	10551284	0.	.0	.0 * 7	18301951	0.	.0	.0
3	0325 618	0.	.0	.0 * 5	11001285	0.	.0	.0 * 7	18351952	0.	.0	.0
3	0330 619	0.	.0	.0 * 5	11051286	0.	.0	.0 * 7	18401953	0.	.0	.0
3	0335 620	0.	.0	.0 * 5	11101287	0.	.0	.0 * 7	18451954	0.	.0	.0
3	0340 621	0.	.0	.0 * 5	11151288	0.	.0	.0 * 7	18501955	0.	.0	.0
3	0345 622	0.	.0	.0 * 5	11201289	0.	.0	.0 * 7	18551956	0.	.0	.0
3	0350 623	0.	.0	.0 * 5	11251290	0.	.0	.0 * 7	19001957	0.	.0	.0
3	0355 624	0.	.0	.0 * 5	11301291	0.	.0	.0 * 7	19051958	0.	.0	.0
3	0400 625	0.	.0	.0 * 5	11351292	0.	.0	.0 * 7	19101959	0.	.0	.0
3	0405 626	0.	.0	.0 * 5	11401293	0.	.0	.0 * 7	19151960	0.	.0	.0
3	0410 627	0.	.0	.0 * 5	11451294	0.	.0	.0 * 7	19201961	0.	.0	.0
3	0415 628	0.	.0	.0 * 5	11501295	0.	.0	.0 * 7	19251962	0.	.0	.0
3	0420 629	0.	.0	.0 * 5	11551296	0.	.0	.0 * 7	19301963	0.	.0	.0
3	0425 630	0.	.0	.0 * 5	12001297	0.	.0	.0 * 7	19351964	0.	.0	.0
3	0430 631	0.	.0	.0 * 5	12051298	0.	.0	.0 * 7	19401965	0.	.0	.0
3	0435 632	0.	.0	.0 * 5	12101299	0.	.0	.0 * 7	19451966	0.	.0	.0
3	0440 633	0.	.0	.0 * 5	12151300	0.	.0	.0 * 7	19501967	0.	.0	.0
3	0445 634	0.	.0	.0 * 5	12201301	0.	.0	.0 * 7	19551968	0.	.0	.0
3	0450 635	0.	.0	.0 * 5	12251302	0.	.0	.0 * 7	20001969	0.	.0	.0
3	0455 636	0.	.0	.0 * 5	12301303	0.	.0	.0 * 7	20051970	0.	.0	.0
3	0500 637	0.	.0	.0 * 5	12351304	0.	.0	.0 * 7	20101971	0.	.0	.0
3	0505 638	0.	.0	.0 * 5	12401305	0.	.0	.0 * 7	20151972	0.	.0	.0
3	0510 639	0.	.0	.0 * 5	12451306	0.	.0	.0 * 7	20201973	0.	.0	.0
3	0515 640	0.	.0	.0 * 5	12501307	0.	.0	.0 * 7	20251974	0.	.0	.0
3	0520 641	0.	.0	.0 * 5	12551308	0.	.0	.0 * 7	20301975	0.	.0	.0
3	0525 642	0.	.0	.0 * 5	13001309	0.	.0	.0 * 7	20351976	0.	.0	.0
3	0530 643	0.	.0	.0 * 5	13051310	0.	.0	.0 * 7	20401977	0.	.0	.0
3	0535 644	0.	.0	.0 * 5	13101311	0.	.0	.0 * 7	20451978	0.	.0	.0
3	0540 645	0.	.0	.0 * 5	13151312	0.	.0	.0 * 7	20501979	0.	.0	.0
3	0545 646	0.	.0	.0 * 5	13201313	0.	.0	.0 * 7	20551980	0.	.0	.0
3	0550 647	0.	.0	.0 * 5	13251314	0.	.0	.0 * 7	21001981	0.	.0	.0
3	0555 648	0.	.0	.0 * 5	13301315	0.	.0	.0 * 7	21051982	0.	.0	.0
3	0600 649	0.	.0	.0 * 5	13351316	0.	.0	.0 * 7	21101983	0.	.0	.0

											ULT						
3	0605	650	0.	.0	.0 *	5	13401317	0.	.0	.0 *	7	21151984	0.	.0	.0		
3	0610	651	0.	.0	.0 *	5	13451318	0.	.0	.0 *	7	21201985	0.	.0	.0		
3	0615	652	0.	.0	.0 *	5	13501319	0.	.0	.0 *	7	21251986	0.	.0	.0		
3	0620	653	0.	.0	.0 *	5	13551320	0.	.0	.0 *	7	21301987	0.	.0	.0		
3	0625	654	0.	.0	.0 *	5	14001321	0.	.0	.0 *	7	21351988	0.	.0	.0		
3	0630	655	0.	.0	.0 *	5	14051322	0.	.0	.0 *	7	21401989	0.	.0	.0		
3	0635	656	0.	.0	.0 *	5	14101323	0.	.0	.0 *	7	21451990	0.	.0	.0		
3	0640	657	0.	.0	.0 *	5	14151324	0.	.0	.0 *	7	21501991	0.	.0	.0		
3	0645	658	0.	.0	.0 *	5	14201325	0.	.0	.0 *	7	21551992	0.	.0	.0		
3	0650	659	0.	.0	.0 *	5	14251326	0.	.0	.0 *	7	22001993	0.	.0	.0		
3	0655	660	0.	.0	.0 *	5	14301327	0.	.0	.0 *	7	22051994	0.	.0	.0		
3	0700	661	0.	.0	.0 *	5	14351328	0.	.0	.0 *	7	22101995	0.	.0	.0		
3	0705	662	0.	.0	.0 *	5	14401329	0.	.0	.0 *	7	22151996	0.	.0	.0		
3	0710	663	0.	.0	.0 *	5	14451330	0.	.0	.0 *	7	22201997	0.	.0	.0		
3	0715	664	0.	.0	.0 *	5	14501331	0.	.0	.0 *	7	22251998	0.	.0	.0		
3	0720	665	0.	.0	.0 *	5	14551332	0.	.0	.0 *	7	22301999	0.	.0	.0		
3	0725	666	0.	.0	.0 *	5	15001333	0.	.0	.0 *	7	22352000	0.	.0	.0		
3	0730	667	0.	.0	.0 *	5	15051334	0.	.0	.0 *							
					*					*							

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 1093.	4.17		383.	97.	32.	14.
		(INCHES)	1.622	1.648	1.648	1.648
		(AC-FT)	190.	193.	193.	193.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
71.	4.17	25.	6.	2.	1.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
5.05	4.17	1.79	.45	.15	.07

CUMULATIVE AREA = 2.19 SQ MI

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HYDROGRAPH AT STATION 157DB
PLAN 1, RATIO = .91

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
							*								*							
1		0000	1	0.	.0	.0	*	3		0735	668	0.	.0	.0	*	5		15101335		0.	.0	.0
1		0005	2	0.	.0	.0	*	3		0740	669	0.	.0	.0	*	5		15151336		0.	.0	.0
1		0010	3	0.	.0	.0	*	3		0745	670	0.	.0	.0	*	5		15201337		0.	.0	.0
1		0015	4	0.	.0	.0	*	3		0750	671	0.	.0	.0	*	5		15251338		0.	.0	.0
1		0020	5	0.	.0	.0	*	3		0755	672	0.	.0	.0	*	5		15301339		0.	.0	.0
1		0025	6	0.	.0	.0	*	3		0800	673	0.	.0	.0	*	5		15351340		0.	.0	.0
1		0030	7	0.	.0	.0	*	3		0805	674	0.	.0	.0	*	5		15401341		0.	.0	.0
1		0035	8	0.	.0	.0	*	3		0810	675	0.	.0	.0	*	5		15451342		0.	.0	.0
1		0040	9	0.	.0	.0	*	3		0815	676	0.	.0	.0	*	5		15501343		0.	.0	.0
1		0045	10	0.	.0	.0	*	3		0820	677	0.	.0	.0	*	5		15551344		0.	.0	.0
1		0050	11	1.	.0	.0	*	3		0825	678	0.	.0	.0	*	5		16001345		0.	.0	.0
1		0055	12	1.	.1	.0	*	3		0830	679	0.	.0	.0	*	5		16051346		0.	.0	.0
1		0100	13	1.	.1	.0	*	3		0835	680	0.	.0	.0	*	5		16101347		0.	.0	.0
1		0105	14	1.	.1	.0	*	3		0840	681	0.	.0	.0	*	5		16151348		0.	.0	.0
1		0110	15	2.	.1	.0	*	3		0845	682	0.	.0	.0	*	5		16201349		0.	.0	.0
1		0115	16	2.	.1	.0	*	3		0850	683	0.	.0	.0	*	5		16251350		0.	.0	.0
1		0120	17	2.	.1	.0	*	3		0855	684	0.	.0	.0	*	5		16301351		0.	.0	.0
1		0125	18	3.	.2	.0	*	3		0900	685	0.	.0	.0	*	5		16351352		0.	.0	.0
1		0130	19	3.	.2	.0	*	3		0905	686	0.	.0	.0	*	5		16401353		0.	.0	.0
1		0135	20	5.	.3	.0	*	3		0910	687	0.	.0	.0	*	5		16451354		0.	.0	.0
1		0140	21	6.	.4	.0	*	3		0915	688	0.	.0	.0	*	5		16501355		0.	.0	.0
1		0145	22	9.	.6	.0	*	3		0920	689	0.	.0	.0	*	5		16551356		0.	.0	.0
1		0150	23	13.	.9	.1	*	3		0925	690	0.	.0	.0	*	5		17001357		0.	.0	.0
1		0155	24	17.	1.2	.1	*	3		0930	691	0.	.0	.0	*	5		17051358		0.	.0	.0
1		0200	25	22.	1.5	.1	*	3		0935	692	0.	.0	.0	*	5		17101359		0.	.0	.0
1		0205	26	26.	1.7	.1	*	3		0940	693	0.	.0	.0	*	5		17151360		0.	.0	.0
1		0210	27	29.	1.9	.1	*	3		0945	694	0.	.0	.0	*	5		17201361		0.	.0	.0
1		0215	28	31.	2.1	.1	*	3		0950	695	0.	.0	.0	*	5		17251362		0.	.0	.0
1		0220	29	33.	2.2	.2	*	3		0955	696	0.	.0	.0	*	5		17301363		0.	.0	.0
1		0225	30	36.	2.4	.2	*	3		1000	697	0.	.0	.0	*	5		17351364		0.	.0	.0
1		0230	31	41.	2.8	.2	*	3		1005	698	0.	.0	.0	*	5		17401365		0.	.0	.0
1		0235	32	47.	3.2	.2	*	3		1010	699	0.	.0	.0	*	5		17451366		0.	.0	.0
1		0240	33	54.	3.6	.3	*	3		1015	700	0.	.0	.0	*	5		17501367		0.	.0	.0
1		0245	34	60.	4.0	.3	*	3		1020	701	0.	.0	.0	*	5		17551368		0.	.0	.0
1		0250	35	66.	4.4	.3	*	3		1025	702	0.	.0	.0	*	5		18001369		0.	.0	.0
1		0255	36	72.	4.8	.3	*	3		1030	703	0.	.0	.0	*	5		18051370		0.	.0	.0
1		0300	37	78.	5.2	.4	*	3		1035	704	0.	.0	.0	*	5		18101371		0.	.0	.0
1		0305	38	83.	5.6	.4	*	3		1040	705	0.	.0	.0	*	5		18151372		0.	.0	.0

												ULT							
1	0310	39	89.	6.0	.4 *	3	1045	706	0.	.0	.0 *	5	18201373	0.	.0	.0			
1	0315	40	97.	6.5	.5 *	3	1050	707	0.	.0	.0 *	5	18251374	0.	.0	.0			
1	0320	41	116.	7.7	.6 *	3	1055	708	0.	.0	.0 *	5	18301375	0.	.0	.0			
1	0325	42	153.	10.3	.7 *	3	1100	709	0.	.0	.0 *	5	18351376	0.	.0	.0			
1	0330	43	223.	15.0	1.1 *	3	1105	710	0.	.0	.0 *	5	18401377	0.	.0	.0			
1	0335	44	333.	22.4	1.6 *	3	1110	711	0.	.0	.0 *	5	18451378	0.	.0	.0			
1	0340	45	477.	32.0	2.3 *	3	1115	712	0.	.0	.0 *	5	18501379	0.	.0	.0			
1	0345	46	635.	42.5	3.0 *	3	1120	713	0.	.0	.0 *	5	18551380	0.	.0	.0			
1	0350	47	810.	51.9	3.7 *	3	1125	714	0.	.0	.0 *	5	19001381	0.	.0	.0			
1	0355	48	933.	59.3	4.2 *	3	1130	715	0.	.0	.0 *	5	19051382	0.	.0	.0			
1	0400	49	1005.	64.5	4.6 *	3	1135	716	0.	.0	.0 *	5	19101383	0.	.0	.0			
1	0405	50	1047.	67.4	4.8 *	3	1140	717	0.	.0	.0 *	5	19151384	0.	.0	.0			
1	0410	51	1061.	68.4	4.9 *	3	1145	718	0.	.0	.0 *	5	19201385	0.	.0	.0			
1	0415	52	1055.	67.9	4.9 *	3	1150	719	0.	.0	.0 *	5	19251386	0.	.0	.0			
1	0420	53	1031.	66.3	4.7 *	3	1155	720	0.	.0	.0 *	5	19301387	0.	.0	.0			
1	0425	54	996.	63.8	4.6 *	3	1200	721	0.	.0	.0 *	5	19351388	0.	.0	.0			
1	0430	55	955.	61.0	4.4 *	3	1205	722	0.	.0	.0 *	5	19401389	0.	.0	.0			
1	0435	56	914.	58.0	4.1 *	3	1210	723	0.	.0	.9 *	5	19451390	0.	.0	.0			
1	0440	57	874.	55.4	4.0 *	3	1215	724	0.	.0	.0 *	5	19501391	0.	.0	.0			
1	0445	58	833.	53.2	3.8 *	3	1220	725	0.	.0	.0 *	5	19551392	0.	.0	.0			
1	0450	59	800.	51.4	3.7 *	3	1225	726	0.	.0	.0 *	5	20001393	0.	.0	.0			
1	0455	60	772.	49.9	3.6 *	3	1230	727	0.	.0	.0 *	5	20051394	0.	.0	.0			
1	0500	61	748.	48.6	3.5 *	3	1235	728	0.	.0	.0 *	5	20101395	0.	.0	.0			
1	0505	62	726.	47.4	3.4 *	3	1240	729	0.	.0	.0 *	5	20151396	0.	.0	.0			
1	0510	63	701.	46.1	3.3 *	3	1245	730	0.	.0	.0 *	5	20201397	0.	.0	.0			
1	0515	64	672.	44.5	3.2 *	3	1250	731	0.	.0	.0 *	5	20251398	0.	.0	.0			
1	0520	65	637.	42.6	3.0 *	3	1255	732	0.	.0	.0 *	5	20301399	0.	.0	.0			
1	0525	66	603.	40.5	2.9 *	3	1300	733	0.	.0	.0 *	5	20351400	0.	.0	.0			
1	0530	67	569.	38.2	2.7 *	3	1305	734	0.	.0	.0 *	5	20401401	0.	.0	.0			
1	0535	68	534.	35.8	2.6 *	3	1310	735	0.	.0	.0 *	5	20451402	0.	.0	.0			
1	0540	69	498.	33.4	2.4 *	3	1315	736	0.	.0	.0 *	5	20501403	0.	.0	.0			
1	0545	70	463.	31.1	2.2 *	3	1320	737	0.	.0	.0 *	5	20551404	0.	.0	.0			
1	0550	71	429.	28.8	2.1 *	3	1325	738	0.	.0	.0 *	5	21001405	0.	.0	.0			
1	0555	72	396.	26.6	1.9 *	3	1330	739	0.	.0	.0 *	5	21051406	0.	.0	.0			
1	0600	73	366.	24.5	1.8 *	3	1335	740	0.	.0	.0 *	5	21101407	0.	.0	.0			
1	0605	74	338.	22.6	1.6 *	3	1340	741	0.	.0	.0 *	5	21151408	0.	.0	.0			
1	0610	75	311.	20.9	1.5 *	3	1345	742	0.	.0	.0 *	5	21201409	0.	.0	.0			
1	0615	76	286.	19.2	1.4 *	3	1350	743	0.	.0	.0 *	5	21251410	0.	.0	.0			
1	0620	77	263.	17.6	1.3 *	3	1355	744	0.	.0	.0 *	5	21301411	0.	.0	.0			
1	0625	78	241.	16.1	1.2 *	3	1400	745	0.	.0	.0 *	5	21351412	0.	.0	.0			
1	0630	79	220.	14.8	1.1 *	3	1405	746	0.	.0	.0 *	5	21401413	0.	.0	.0			
1	0635	80	201.	13.5	1.0 *	3	1410	747	0.	.0	.0 *	5	21451414	0.	.0	.0			
1	0640	81	183.	12.2	.9 *	3	1415	748	0.	.0	.0 *	5	21501415	0.	.0	.0			
1	0645	82	166.	11.1	.8 *	3	1420	749	0.	.0	.0 *	5	21551416	0.	.0	.0			
1	0650	83	150.	10.1	.7 *	3	1425	750	0.	.0	.0 *	5	22001417	0.	.0	.0			
1	0655	84	136.	9.2	.7 *	3	1430	751	0.	.0	.0 *	5	22051418	0.	.0	.0			
1	0700	85	124.	8.3	.6 *	3	1435	752	0.	.0	.0 *	5	22101419	0.	.0	.0			
1	0705	86	112.	7.5	.5 *	3	1440	753	0.	.0	.0 *	5	22151420	0.	.0	.0			
1	0710	87	101.	6.8	.5 *	3	1445	754	0.	.0	.0 *	5	22201421	0.	.0	.0			
1	0715	88	91.	6.1	.4 *	3	1450	755	0.	.0	.0 *	5	22251422	0.	.0	.0			
1	0720	89	83.	5.5	.4 *	3	1455	756	0.	.0	.0 *	5	22301423	0.	.0	.0			
1	0725	90	75.	5.0	.4 *	3	1500	757	0.	.0	.0 *	5	22351424	0.	.0	.0			
1	0730	91	67.	4.5	.3 *	3	1505	758	0.	.0	.0 *	5	22401425	0.	.0	.0			
1	0735	92	61.	4.1	.3 *	3	1510	759	0.	.0	.0 *	5	22451426	0.	.0	.0			
1	0740	93	55.	3.7	.3 *	3	1515	760	0.	.0	.0 *	5	22501427	0.	.0	.0			
1	0745	94	50.	3.3	.2 *	3	1520	761	0.	.0	.0 *	5	22551428	0.	.0	.0			
1	0750	95	45.	3.0	.2 *	3	1525	762	0.	.0	.0 *	5	23001429	0.	.0	.0			
1	0755	96	40.	2.7	.2 *	3	1530	763	0.	.0	.0 *	5	23051430	0.	.0	.0			
1	0800	97	36.	2.4	.2 *	3	1535	764	0.	.0	.0 *	5	23101431	0.	.0	.0			
1	0805	98	33.	2.2	.2 *	3	1540	765	0.	.0	.0 *	5	23151432	0.	.0	.0			
1	0810	99	30.	2.0	.1 *	3	1545	766	0.	.0	.0 *	5	23201433	0.	.0	.0			
1	0815	100	27.	1.8	.1 *	3	1550	767	0.	.0	.0 *	5	23251434	0.	.0	.0			
1	0820	101	24.	1.6	.1 *	3	1555	768	0.	.0	.0 *	5	23301435	0.	.0	.0			
1	0825	102	22.	1.5	.1 *	3	1600	769	0.	.0	.0 *	5	23351436	0.	.0	.0			
1	0830	103	20.	1.3	.1 *	3	1605	770	0.	.0	.0 *	5	23401437	0.	.0	.0			
1	0835	104	18.	1.2	.1 *	3	1610	771	0.	.0	.0 *	5	23451438	0.	.0	.0			
1	0840	105	16.	1.1	.1 *	3	1615	772	0.	.0	.0 *	5	23501439	0.	.0	.0			
1	0845	106	14.	1.0	.1 *	3	1620	773	0.	.0	.0 *	5	23551440	0.	.0	.0			
1	0850	107	13.	.9	.1 *	3	1625	774	0.	.0	.0 *	6	00001441	0.	.0	.0			
1	0855	108	12.	.8	.1 *	3	1630	775	0.	.0	.0 *	6	00051442	0.	.0	.0			
1	0900	109	11.	.7	.1 *	3	1635	776	0.	.0	.0 *	6	00101443	0.	.0	.0			
1	0905	110	10.	.6	.0 *	3	1640	777	0.	.0	.0 *	6	00151444	0.	.0	.0			
1	0910	111	9.	.6	.0 *	3	1645	778	0.	.0	.0 *	6	00201445	0.	.0	.0			
1	0915	112	8.	.5	.0 *	3	1650	779	0.	.0	.0 *	6	00251446	0.	.0	.0			
1	0920	113	7.	.5	.0 *	3	1655	780	0.	.0	.0 *	6	00301447	0.	.0	.0			
1	0925	114	6.	.4	.0 *	3	1700	781	0.	.0	.0 *	6	00351448	0.	.0	.0			
1	0930	115	6.	.4	.0 *	3	1705	782	0.	.0	.0 *	6	00401449	0.	.0	.0			
1	0935	116	5.	.3	.0 *	3	1710	783	0.	.0	.0 *	6	00451450	0.	.0	.0			
1	0940	117	5.	.3	.0 *	3	1715	784	0.	.0	.0 *	6	00501451	0.	.0	.0			
1	0945	118	4.	.3	.0 *	3	1720	785	0.	.0	.0 *	6	00551452	0.	.0	.0			
1	0950	119	4.	.3	.0 *	3	1725	786	0.	.0	.0 *	6	01001453	0.	.0	.0			
1	0955	120	3.	.2	.0 *	3	1730	787	0.	.0	.0 *	6	01051454	0.	.0	.0			
1	1000	121	3.	.2	.0 *	3	1735	788	0.	.0	.0 *	6	01101455	0.	.0	.0			
1	1005	122	3.	.2	.0 *	3	1740	789	0.	.0	.0 *	6	01151456	0.	.0	.0			
1	1010	123	3.	.2	.0 *	3	1745	790	0.	.0	.0 *	6	01201457	0.	.0	.0			
1	1015	124	2.	.2	.0 *	3	1750	791	0.	.0	.0 *	6	01251458	0.	.0	.0			
1	1020	125	2.	.1	.0 *	3	1755	792	0.	.0	.0 *	6	01301459	0.	.0	.0			
1	1025	126	2.	.1	.0 *	3	1800	793	0.	.0	.0 *	6	01351460	0.	.0	.0			
1	1030	127	2.	.1	.0 *	3	1805	794	0.	.0	.0 *	6	01401461	0.	.0	.0			

								ULT					
1	1035	128	2.	.1	.0 * 3	1810	795	0.	.0	.0 * 6	01451462	0.	.0	.0
1	1040	129	1.	.1	.0 * 3	1815	796	0.	.0	.0 * 6	01501463	0.	.0	.0
1	1045	130	1.	.1	.0 * 3	1820	797	0.	.0	.0 * 6	01551464	0.	.0	.0
1	1050	131	1.	.1	.0 * 3	1825	798	0.	.0	.0 * 6	02001465	0.	.0	.0
1	1055	132	1.	.1	.0 * 3	1830	799	0.	.0	.0 * 6	02051466	0.	.0	.0
1	1100	133	1.	.1	.0 * 3	1835	800	0.	.0	.0 * 6	02101467	0.	.0	.0
1	1105	134	1.	.1	.0 * 3	1840	801	0.	.0	.0 * 6	02151468	0.	.0	.0
1	1110	135	1.	.0	.0 * 3	1845	802	0.	.0	.0 * 6	02201469	0.	.0	.0
1	1115	136	1.	.0	.0 * 3	1850	803	0.	.0	.0 * 6	02251470	0.	.0	.0
1	1120	137	1.	.0	.0 * 3	1855	804	0.	.0	.0 * 6	02301471	0.	.0	.0
1	1125	138	1.	.0	.0 * 3	1900	805	0.	.0	.0 * 6	02351472	0.	.0	.0
1	1130	139	0.	.0	.0 * 3	1905	806	0.	.0	.0 * 6	02401473	0.	.0	.0
1	1135	140	0.	.0	.0 * 3	1910	807	0.	.0	.0 * 6	02451474	0.	.0	.0
1	1140	141	0.	.0	.0 * 3	1915	808	0.	.0	.0 * 6	02501475	0.	.0	.0
1	1145	142	0.	.0	.0 * 3	1920	809	0.	.0	.0 * 6	02551476	0.	.0	.0
1	1150	143	0.	.0	.0 * 3	1925	810	0.	.0	.0 * 6	03001477	0.	.0	.0
1	1155	144	0.	.0	.0 * 3	1930	811	0.	.0	.0 * 6	03051478	0.	.0	.0
1	1200	145	0.	.0	.0 * 3	1935	812	0.	.0	.0 * 6	03101479	0.	.0	.0
1	1205	146	0.	.0	.0 * 3	1940	813	0.	.0	.0 * 6	03151480	0.	.0	.0
1	1210	147	0.	.0	.0 * 3	1945	814	0.	.0	.0 * 6	03201481	0.	.0	.0
1	1215	148	0.	.0	.0 * 3	1950	815	0.	.0	.0 * 6	03251482	0.	.0	.0
1	1220	149	0.	.0	.0 * 3	1955	816	0.	.0	.0 * 6	03301483	0.	.0	.0
1	1225	150	0.	.0	.0 * 3	2000	817	0.	.0	.0 * 6	03351484	0.	.0	.0
1	1230	151	0.	.0	.0 * 3	2005	818	0.	.0	.0 * 6	03401485	0.	.0	.0
1	1235	152	0.	.0	.0 * 3	2010	819	0.	.0	.0 * 6	03451486	0.	.0	.0
1	1240	153	0.	.0	.0 * 3	2015	820	0.	.0	.0 * 6	03501487	0.	.0	.0
1	1245	154	0.	.0	.0 * 3	2020	821	0.	.0	.0 * 6	03551488	0.	.0	.0
1	1250	155	0.	.0	.0 * 3	2025	822	0.	.0	.0 * 6	04001489	0.	.0	.0
1	1255	156	0.	.0	.0 * 3	2030	823	0.	.0	.0 * 6	04051490	0.	.0	.0
1	1300	157	0.	.0	.0 * 3	2035	824	0.	.0	.0 * 6	04101491	0.	.0	.0
1	1305	158	0.	.0	.0 * 3	2040	825	0.	.0	.0 * 6	04151492	0.	.0	.0
1	1310	159	0.	.0	.0 * 3	2045	826	0.	.0	.0 * 6	04201493	0.	.0	.0
1	1315	160	0.	.0	.0 * 3	2050	827	0.	.0	.0 * 6	04251494	0.	.0	.0
1	1320	161	0.	.0	.0 * 3	2055	828	0.	.0	.0 * 6	04301495	0.	.0	.0
1	1325	162	0.	.0	.0 * 3	2100	829	0.	.0	.0 * 6	04351496	0.	.0	.0
1	1330	163	0.	.0	.0 * 3	2105	830	0.	.0	.0 * 6	04401497	0.	.0	.0
1	1335	164	0.	.0	.0 * 3	2110	831	0.	.0	.0 * 6	04451498	0.	.0	.0
1	1340	165	0.	.0	.0 * 3	2115	832	0.	.0	.0 * 6	04501499	0.	.0	.0
1	1345	166	0.	.0	.0 * 3	2120	833	0.	.0	.0 * 6	04551500	0.	.0	.0
1	1350	167	0.	.0	.0 * 3	2125	834	0.	.0	.0 * 6	05001501	0.	.0	.0
1	1355	168	0.	.0	.0 * 3	2130	835	0.	.0	.0 * 6	05051502	0.	.0	.0
1	1400	169	0.	.0	.0 * 3	2135	836	0.	.0	.0 * 6	05101503	0.	.0	.0
1	1405	170	0.	.0	.0 * 3	2140	837	0.	.0	.0 * 6	05151504	0.	.0	.0
1	1410	171	0.	.0	.0 * 3	2145	838	0.	.0	.0 * 6	05201505	0.	.0	.0
1	1415	172	0.	.0	.0 * 3	2150	839	0.	.0	.0 * 6	05251506	0.	.0	.0
1	1420	173	0.	.0	.0 * 3	2155	840	0.	.0	.0 * 6	05301507	0.	.0	.0
1	1425	174	0.	.0	.0 * 3	2200	841	0.	.0	.0 * 6	05351508	0.	.0	.0
1	1430	175	0.	.0	.0 * 3	2205	842	0.	.0	.0 * 6	05401509	0.	.0	.0
1	1435	176	0.	.0	.0 * 3	2210	843	0.	.0	.0 * 6	05451510	0.	.0	.0
1	1440	177	0.	.0	.0 * 3	2215	844	0.	.0	.0 * 6	05501511	0.	.0	.0
1	1445	178	0.	.0	.0 * 3	2220	845	0.	.0	.0 * 6	05551512	0.	.0	.0
1	1450	179	0.	.0	.0 * 3	2225	846	0.	.0	.0 * 6	06001513	0.	.0	.0
1	1455	180	0.	.0	.0 * 3	2230	847	0.	.0	.0 * 6	06051514	0.	.0	.0
1	1500	181	0.	.0	.0 * 3	2235	848	0.	.0	.0 * 6	06101515	0.	.0	.0
1	1505	182	0.	.0	.0 * 3	2240	849	0.	.0	.0 * 6	06151516	0.	.0	.0
1	1510	183	0.	.0	.0 * 3	2245	850	0.	.0	.0 * 6	06201517	0.	.0	.0
1	1515	184	0.	.0	.0 * 3	2250	851	0.	.0	.0 * 6	06251518	0.	.0	.0
1	1520	185	0.	.0	.0 * 3	2255	852	0.	.0	.0 * 6	06301519	0.	.0	.0
1	1525	186	0.	.0	.0 * 3	2300	853	0.	.0	.0 * 6	06351520	0.	.0	.0
1	1530	187	0.	.0	.0 * 3	2305	854	0.	.0	.0 * 6	06401521	0.	.0	.0
1	1535	188	0.	.0	.0 * 3	2310	855	0.	.0	.0 * 6	06451522	0.	.0	.0
1	1540	189	0.	.0	.0 * 3	2315	856	0.	.0	.0 * 6	06501523	0.	.0	.0
1	1545	190	0.	.0	.0 * 3	2320	857	0.	.0	.0 * 6	06551524	0.	.0	.0
1	1550	191	0.	.0	.0 * 3	2325	858	0.	.0	.0 * 6	07001525	0.	.0	.0
1	1555	192	0.	.0	.0 * 3	2330	859	0.	.0	.0 * 6	07051526	0.	.0	.0
1	1600	193	0.	.0	.0 * 3	2335	860	0.	.0	.0 * 6	07101527	0.	.0	.0
1	1605	194	0.	.0	.0 * 3	2340	861	0.	.0	.0 * 6	07151528	0.	.0	.0
1	1610	195	0.	.0	.0 * 3	2345	862	0.	.0	.0 * 6	07201529	0.	.0	.0
1	1615	196	0.	.0	.0 * 3	2350	863	0.	.0	.0 * 6	07251530	0.	.0	.0
1	1620	197	0.	.0	.0 * 3	2355	864	0.	.0	.0 * 6	07301531	0.	.0	.0
1	1625	198	0.	.0	.0 * 4	0000	865	0.	.0	.0 * 6	07351532	0.	.0	.0
1	1630	199	0.	.0	.0 * 4	0005	866	0.	.0	.0 * 6	07401533	0.	.0	.0
1	1635	200	0.	.0	.0 * 4	0010	867	0.	.0	.0 * 6	07451534	0.	.0	.0
1	1640	201	0.	.0	.0 * 4	0015	868	0.	.0	.0 * 6	07501535	0.	.0	.0
1	1645	202	0.	.0	.0 * 4	0020	869	0.	.0	.0 * 6	07551536	0.	.0	.0
1	1650	203	0.	.0	.0 * 4	0025	870	0.	.0	.0 * 6	08001537	0.	.0	.0
1	1655	204	0.	.0	.0 * 4	0030	871	0.	.0	.0 * 6	08051538	0.	.0	.0
1	1700	205	0.	.0	.0 * 4	0035	872	0.	.0	.0 * 6	08101539	0.	.0	.0
1	1705	206	0.	.0	.0 * 4	0040	873	0.	.0	.0 * 6	08151540	0.	.0	.0
1	1710	207	0.	.0	.0 * 4	0045	874	0.	.0	.0 * 6	08201541	0.	.0	.0
1	1715	208	0.	.0	.0 * 4	0050	875	0.	.0	.0 * 6	08251542	0.	.0	.0
1	1720	209	0.	.0	.0 * 4	0055	876	0.	.0	.0 * 6	08301543	0.	.0	.0
1	1725	210	0.	.0	.0 * 4	0100	877	0.	.0	.0 * 6	08351544	0.	.0	.0
1	1730	211	0.	.0	.0 * 4	0105	878	0.	.0	.0 * 6	08401545	0.	.0	.0
1	1735	212	0.	.0	.0 * 4	0110	879	0.	.0	.0 * 6	08451546	0.	.0	.0
1	1740	213	0.	.0	.0 * 4	0115	880	0.	.0	.0 * 6	08501547	0.	.0	.0
1	1745	214	0.	.0	.0 * 4	0120	881	0.	.0	.0 * 6	08551548	0.	.0	.0
1	1750	215	0.	.0	.0 * 4	0125	882	0.	.0	.0 * 6	09001549	0.	.0	.0
1	1755	216	0.	.0	.0 * 4	0130	883	0.	.0	.0 * 6	09051550	0.	.0	.0

									ULT					
1	1800	217	0.	.0	.0 * 4	0135	884	0.	.0	.0 * 6	09101551	0.	.0	.0
1	1805	218	0.	.0	.0 * 4	0140	885	0.	.0	.0 * 6	09151552	0.	.0	.0
1	1810	219	0.	.0	.0 * 4	0145	886	0.	.0	.0 * 6	09201553	0.	.0	.0
1	1815	220	0.	.0	.0 * 4	0150	887	0.	.0	.0 * 6	09251554	0.	.0	.0
1	1820	221	0.	.0	.0 * 4	0155	888	0.	.0	.0 * 6	09301555	0.	.0	.0
1	1825	222	0.	.0	.0 * 4	0200	889	0.	.0	.0 * 6	09351556	0.	.0	.0
1	1830	223	0.	.0	.0 * 4	0205	890	0.	.0	.0 * 6	09401557	0.	.0	.0
1	1835	224	0.	.0	.0 * 4	0210	891	0.	.0	.0 * 6	09451558	0.	.0	.0
1	1840	225	0.	.0	.0 * 4	0215	892	0.	.0	.0 * 6	09501559	0.	.0	.0
1	1845	226	0.	.0	.0 * 4	0220	893	0.	.0	.0 * 6	09551560	0.	.0	.0
1	1850	227	0.	.0	.0 * 4	0225	894	0.	.0	.0 * 6	10001561	0.	.0	.0
1	1855	228	0.	.0	.0 * 4	0230	895	0.	.0	.0 * 6	10051562	0.	.0	.0
1	1900	229	0.	.0	.0 * 4	0235	896	0.	.0	.0 * 6	10101563	0.	.0	.0
1	1905	230	0.	.0	.0 * 4	0240	897	0.	.0	.0 * 6	10151564	0.	.0	.0
1	1910	231	0.	.0	.0 * 4	0245	898	0.	.0	.0 * 6	10201565	0.	.0	.0
1	1915	232	0.	.0	.0 * 4	0250	899	0.	.0	.0 * 6	10251566	0.	.0	.0
1	1920	233	0.	.0	.0 * 4	0255	900	0.	.0	.0 * 6	10301567	0.	.0	.0
1	1925	234	0.	.0	.0 * 4	0300	901	0.	.0	.0 * 6	10351568	0.	.0	.0
1	1930	235	0.	.0	.0 * 4	0305	902	0.	.0	.0 * 6	10401569	0.	.0	.0
1	1935	236	0.	.0	.0 * 4	0310	903	0.	.0	.0 * 6	10451570	0.	.0	.0
1	1940	237	0.	.0	.0 * 4	0315	904	0.	.0	.0 * 6	10501571	0.	.0	.0
1	1945	238	0.	.0	.0 * 4	0320	905	0.	.0	.0 * 6	10551572	0.	.0	.0
1	1950	239	0.	.0	.0 * 4	0325	906	0.	.0	.0 * 6	11001573	0.	.0	.0
1	1955	240	0.	.0	.0 * 4	0330	907	0.	.0	.0 * 6	11051574	0.	.0	.0
1	2000	241	0.	.0	.0 * 4	0335	908	0.	.0	.0 * 6	11101575	0.	.0	.0
1	2005	242	0.	.0	.0 * 4	0340	909	0.	.0	.0 * 6	11151576	0.	.0	.0
1	2010	243	0.	.0	.0 * 4	0345	910	0.	.0	.0 * 6	11201577	0.	.0	.0
1	2015	244	0.	.0	.0 * 4	0350	911	0.	.0	.0 * 6	11251578	0.	.0	.0
1	2020	245	0.	.0	.0 * 4	0355	912	0.	.0	.0 * 6	11301579	0.	.0	.0
1	2025	246	0.	.0	.0 * 4	0400	913	0.	.0	.0 * 6	11351580	0.	.0	.0
1	2030	247	0.	.0	.0 * 4	0405	914	0.	.0	.0 * 6	11401581	0.	.0	.0
1	2035	248	0.	.0	.0 * 4	0410	915	0.	.0	.0 * 6	11451582	0.	.0	.0
1	2040	249	0.	.0	.0 * 4	0415	916	0.	.0	.0 * 6	11501583	0.	.0	.0
1	2045	250	0.	.0	.0 * 4	0420	917	0.	.0	.0 * 6	11551584	0.	.0	.0
1	2050	251	0.	.0	.0 * 4	0425	918	0.	.0	.0 * 6	12001585	0.	.0	.0
1	2055	252	0.	.0	.0 * 4	0430	919	0.	.0	.0 * 6	12051586	0.	.0	.0
1	2100	253	0.	.0	.0 * 4	0435	920	0.	.0	.0 * 6	12101587	0.	.0	.0
1	2105	254	0.	.0	.0 * 4	0440	921	0.	.0	.0 * 6	12151588	0.	.0	.0
1	2110	255	0.	.0	.0 * 4	0445	922	0.	.0	.0 * 6	12201589	0.	.0	.0
1	2115	256	0.	.0	.0 * 4	0450	923	0.	.0	.0 * 6	12251590	0.	.0	.0
1	2120	257	0.	.0	.0 * 4	0455	924	0.	.0	.0 * 6	12301591	0.	.0	.0
1	2125	258	0.	.0	.0 * 4	0500	925	0.	.0	.0 * 6	12351592	0.	.0	.0
1	2130	259	0.	.0	.0 * 4	0505	926	0.	.0	.0 * 6	12401593	0.	.0	.0
1	2135	260	0.	.0	.0 * 4	0510	927	0.	.0	.0 * 6	12451594	0.	.0	.0
1	2140	261	0.	.0	.0 * 4	0515	928	0.	.0	.0 * 6	12501595	0.	.0	.0
1	2145	262	0.	.0	.0 * 4	0520	929	0.	.0	.0 * 6	12551596	0.	.0	.0
1	2150	263	0.	.0	.0 * 4	0525	930	0.	.0	.0 * 6	13001597	0.	.0	.0
1	2155	264	0.	.0	.0 * 4	0530	931	0.	.0	.0 * 6	13051598	0.	.0	.0
1	2200	265	0.	.0	.0 * 4	0535	932	0.	.0	.0 * 6	13101599	0.	.0	.0
1	2205	266	0.	.0	.0 * 4	0540	933	0.	.0	.0 * 6	13151600	0.	.0	.0
1	2210	267	0.	.0	.0 * 4	0545	934	0.	.0	.0 * 6	13201601	0.	.0	.0
1	2215	268	0.	.0	.0 * 4	0550	935	0.	.0	.0 * 6	13251602	0.	.0	.0
1	2220	269	0.	.0	.0 * 4	0555	936	0.	.0	.0 * 6	13301603	0.	.0	.0
1	2225	270	0.	.0	.0 * 4	0600	937	0.	.0	.0 * 6	13351604	0.	.0	.0
1	2230	271	0.	.0	.0 * 4	0605	938	0.	.0	.0 * 6	13401605	0.	.0	.0
1	2235	272	0.	.0	.0 * 4	0610	939	0.	.0	.0 * 6	13451606	0.	.0	.0
1	2240	273	0.	.0	.0 * 4	0615	940	0.	.0	.0 * 6	13501607	0.	.0	.0
1	2245	274	0.	.0	.0 * 4	0620	941	0.	.0	.0 * 6	13551608	0.	.0	.0
1	2250	275	0.	.0	.0 * 4	0625	942	0.	.0	.0 * 6	14001609	0.	.0	.0
1	2255	276	0.	.0	.0 * 4	0630	943	0.	.0	.0 * 6	14051610	0.	.0	.0
1	2300	277	0.	.0	.0 * 4	0635	944	0.	.0	.0 * 6	14101611	0.	.0	.0
1	2305	278	0.	.0	.0 * 4	0640	945	0.	.0	.0 * 6	14151612	0.	.0	.0
1	2310	279	0.	.0	.0 * 4	0645	946	0.	.0	.0 * 6	14201613	0.	.0	.0
1	2315	280	0.	.0	.0 * 4	0650	947	0.	.0	.0 * 6	14251614	0.	.0	.0
1	2320	281	0.	.0	.0 * 4	0655	948	0.	.0	.0 * 6	14301615	0.	.0	.0
1	2325	282	0.	.0	.0 * 4	0700	949	0.	.0	.0 * 6	14351616	0.	.0	.0
1	2330	283	0.	.0	.0 * 4	0705	950	0.	.0	.0 * 6	14401617	0.	.0	.0
1	2335	284	0.	.0	.0 * 4	0710	951	0.	.0	.0 * 6	14451618	0.	.0	.0
1	2340	285	0.	.0	.0 * 4	0715	952	0.	.0	.0 * 6	14501619	0.	.0	.0
1	2345	286	0.	.0	.0 * 4	0720	953	0.	.0	.0 * 6	14551620	0.	.0	.0
1	2350	287	0.	.0	.0 * 4	0725	954	0.	.0	.0 * 6	15001621	0.	.0	.0
1	2355	288	0.	.0	.0 * 4	0730	955	0.	.0	.0 * 6	15051622	0.	.0	.0
2	0000	289	0.	.0	.0 * 4	0735	956	0.	.0	.0 * 6	15101623	0.	.0	.0
2	0005	290	0.	.0	.0 * 4	0740	957	0.	.0	.0 * 6	15151624	0.	.0	.0
2	0010	291	0.	.0	.0 * 4	0745	958	0.	.0	.0 * 6	15201625	0.	.0	.0
2	0015	292	0.	.0	.0 * 4	0750	959	0.	.0	.0 * 6	15251626	0.	.0	.0
2	0020	293	0.	.0	.0 * 4	0755	960	0.	.0	.0 * 6	15301627	0.	.0	.0
2	0025	294	0.	.0	.0 * 4	0800	961	0.	.0	.0 * 6	15351628	0.	.0	.0
2	0030	295	0.	.0	.0 * 4	0805	962	0.	.0	.0 * 6	15401629	0.	.0	.0
2	0035	296	0.	.0	.0 * 4	0810	963	0.	.0	.0 * 6	15451630	0.	.0	.0
2	0040	297	0.	.0	.0 * 4	0815	964	0.	.0	.0 * 6	15501631	0.	.0	.0
2	0045	298	0.	.0	.0 * 4	0820	965	0.	.0	.0 * 6	15551632	0.	.0	.0
2	0050	299	0.	.0	.0 * 4	0825	966	0.	.0	.0 * 6	16001633	0.	.0	.0
2	0055	300	0.	.0	.0 * 4	0830	967	0.	.0	.0 * 6	16051634	0.	.0	.0
2	0100	301	0.	.0	.0 * 4	0835	968	0.	.0	.0 * 6	16101635	0.	.0	.0
2	0105	302	0.	.0	.0 * 4	0840	969	0.	.0	.0 * 6	16151636	0.	.0	.0
2	0110	303	0.	.0	.0 * 4	0845	970	0.	.0	.0 * 6	16201637	0.	.0	.0
2	0115	304	0.	.0	.0 * 4	0850	971	0.	.0	.0 * 6	16251638	0.	.0	.0
2	0120	305	0.	.0	.0 * 4	0855	972	0.	.0	.0 * 6	16301639	0.	.0	.0

									ULT					
2	0125	306	0.	.0	.0 * 4	0900	973	0.	.0	.0 * 6	16351640	0.	.0	.0
2	0130	307	0.	.0	.0 * 4	0905	974	0.	.0	.0 * 6	16401641	0.	.0	.0
2	0135	308	0.	.0	.0 * 4	0910	975	0.	.0	.0 * 6	16451642	0.	.0	.0
2	0140	309	0.	.0	.0 * 4	0915	976	0.	.0	.0 * 6	16501643	0.	.0	.0
2	0145	310	0.	.0	.0 * 4	0920	977	0.	.0	.0 * 6	16551644	0.	.0	.0
2	0150	311	0.	.0	.0 * 4	0925	978	0.	.0	.0 * 6	17001645	0.	.0	.0
2	0155	312	0.	.0	.0 * 4	0930	979	0.	.0	.0 * 6	17051646	0.	.0	.0
2	0200	313	0.	.0	.0 * 4	0935	980	0.	.0	.0 * 6	17101647	0.	.0	.0
2	0205	314	0.	.0	.0 * 4	0940	981	0.	.0	.0 * 6	17151648	0.	.0	.0
2	0210	315	0.	.0	.0 * 4	0945	982	0.	.0	.0 * 6	17201649	0.	.0	.0
2	0215	316	0.	.0	.0 * 4	0950	983	0.	.0	.0 * 6	17251650	0.	.0	.0
2	0220	317	0.	.0	.0 * 4	0955	984	0.	.0	.0 * 6	17301651	0.	.0	.0
2	0225	318	0.	.0	.0 * 4	1000	985	0.	.0	.0 * 6	17351652	0.	.0	.0
2	0230	319	0.	.0	.0 * 4	1005	986	0.	.0	.0 * 6	17401653	0.	.0	.0
2	0235	320	0.	.0	.0 * 4	1010	987	0.	.0	.0 * 6	17451654	0.	.0	.0
2	0240	321	0.	.0	.0 * 4	1015	988	0.	.0	.0 * 6	17501655	0.	.0	.0
2	0245	322	0.	.0	.0 * 4	1020	989	0.	.0	.0 * 6	17551656	0.	.0	.0
2	0250	323	0.	.0	.0 * 4	1025	990	0.	.0	.0 * 6	18001657	0.	.0	.0
2	0255	324	0.	.0	.0 * 4	1030	991	0.	.0	.0 * 6	18051658	0.	.0	.0
2	0300	325	0.	.0	.0 * 4	1035	992	0.	.0	.0 * 6	18101659	0.	.0	.0
2	0305	326	0.	.0	.0 * 4	1040	993	0.	.0	.0 * 6	18151660	0.	.0	.0
2	0310	327	0.	.0	.0 * 4	1045	994	0.	.0	.0 * 6	18201661	0.	.0	.0
2	0315	328	0.	.0	.0 * 4	1050	995	0.	.0	.0 * 6	18251662	0.	.0	.0
2	0320	329	0.	.0	.0 * 4	1055	996	0.	.0	.0 * 6	18301663	0.	.0	.0
2	0325	330	0.	.0	.0 * 4	1100	997	0.	.0	.0 * 6	18351664	0.	.0	.0
2	0330	331	0.	.0	.0 * 4	1105	998	0.	.0	.0 * 6	18401665	0.	.0	.0
2	0335	332	0.	.0	.0 * 4	1110	999	0.	.0	.0 * 6	18451666	0.	.0	.0
2	0340	333	0.	.0	.0 * 4	11151000		0.	.0	.0 * 6	18501667	0.	.0	.0
2	0345	334	0.	.0	.0 * 4	11201001		0.	.0	.0 * 6	18551668	0.	.0	.0
2	0350	335	0.	.0	.0 * 4	11251002		0.	.0	.0 * 6	19001669	0.	.0	.0
2	0355	336	0.	.0	.0 * 4	11301003		0.	.0	.0 * 6	19051670	0.	.0	.0
2	0400	337	0.	.0	.0 * 4	11351004		0.	.0	.0 * 6	19101671	0.	.0	.0
2	0405	338	0.	.0	.0 * 4	11401005		0.	.0	.0 * 6	19151672	0.	.0	.0
2	0410	339	0.	.0	.0 * 4	11451006		0.	.0	.0 * 6	19201673	0.	.0	.0
2	0415	340	0.	.0	.0 * 4	11501007		0.	.0	.0 * 6	19251674	0.	.0	.0
2	0420	341	0.	.0	.0 * 4	11551008		0.	.0	.0 * 6	19301675	0.	.0	.0
2	0425	342	0.	.0	.0 * 4	12001009		0.	.0	.0 * 6	19351676	0.	.0	.0
2	0430	343	0.	.0	.0 * 4	12051010		0.	.0	.0 * 6	19401677	0.	.0	.0
2	0435	344	0.	.0	.0 * 4	12101011		0.	.0	.0 * 6	19451678	0.	.0	.0
2	0440	345	0.	.0	.0 * 4	12151012		0.	.0	.0 * 6	19501679	0.	.0	.0
2	0445	346	0.	.0	.0 * 4	12201013		0.	.0	.0 * 6	19551680	0.	.0	.0
2	0450	347	0.	.0	.0 * 4	12251014		0.	.0	.0 * 6	20001681	0.	.0	.0
2	0455	348	0.	.0	.0 * 4	12301015		0.	.0	.0 * 6	20051682	0.	.0	.0
2	0500	349	0.	.0	.0 * 4	12351016		0.	.0	.0 * 6	20101683	0.	.0	.0
2	0505	350	0.	.0	.0 * 4	12401017		0.	.0	.0 * 6	20151684	0.	.0	.0
2	0510	351	0.	.0	.0 * 4	12451018		0.	.0	.0 * 6	20201685	0.	.0	.0
2	0515	352	0.	.0	.0 * 4	12501019		0.	.0	.0 * 6	20251686	0.	.0	.0
2	0520	353	0.	.0	.0 * 4	12551020		0.	.0	.0 * 6	20301687	0.	.0	.0
2	0525	354	0.	.0	.0 * 4	13001021		0.	.0	.0 * 6	20351688	0.	.0	.0
2	0530	355	0.	.0	.0 * 4	13051022		0.	.0	.0 * 6	20401689	0.	.0	.0
2	0535	356	0.	.0	.0 * 4	13101023		0.	.0	.0 * 6	20451690	0.	.0	.0
2	0540	357	0.	.0	.0 * 4	13151024		0.	.0	.0 * 6	20501691	0.	.0	.0
2	0545	358	0.	.0	.0 * 4	13201025		0.	.0	.0 * 6	20551692	0.	.0	.0
2	0550	359	0.	.0	.0 * 4	13251026		0.	.0	.0 * 6	21001693	0.	.0	.0
2	0555	360	0.	.0	.0 * 4	13301027		0.	.0	.0 * 6	21051694	0.	.0	.0
2	0600	361	0.	.0	.0 * 4	13351028		0.	.0	.0 * 6	21101695	0.	.0	.0
2	0605	362	0.	.0	.0 * 4	13401029		0.	.0	.0 * 6	21151696	0.	.0	.0
2	0610	363	0.	.0	.0 * 4	13451030		0.	.0	.0 * 6	21201697	0.	.0	.0
2	0615	364	0.	.0	.0 * 4	13501031		0.	.0	.0 * 6	21251698	0.	.0	.0
2	0620	365	0.	.0	.0 * 4	13551032		0.	.0	.0 * 6	21301699	0.	.0	.0
2	0625	366	0.	.0	.0 * 4	14001033		0.	.0	.0 * 6	21351700	0.	.0	.0
2	0630	367	0.	.0	.0 * 4	14051034		0.	.0	.0 * 6	21401701	0.	.0	.0
2	0635	368	0.	.0	.0 * 4	14101035		0.	.0	.0 * 6	21451702	0.	.0	.0
2	0640	369	0.	.0	.0 * 4	14151036		0.	.0	.0 * 6	21501703	0.	.0	.0
2	0645	370	0.	.0	.0 * 4	14201037		0.	.0	.0 * 6	21551704	0.	.0	.0
2	0650	371	0.	.0	.0 * 4	14251038		0.	.0	.0 * 6	22001705	0.	.0	.0
2	0655	372	0.	.0	.0 * 4	14301039		0.	.0	.0 * 6	22051706	0.	.0	.0
2	0700	373	0.	.0	.0 * 4	14351040		0.	.0	.0 * 6	22101707	0.	.0	.0
2	0705	374	0.	.0	.0 * 4	14401041		0.	.0	.0 * 6	22151708	0.	.0	.0
2	0710	375	0.	.0	.0 * 4	14451042		0.	.0	.0 * 6	22201709	0.	.0	.0
2	0715	376	0.	.0	.0 * 4	14501043		0.	.0	.0 * 6	22251710	0.	.0	.0
2	0720	377	0.	.0	.0 * 4	14551044		0.	.0	.0 * 6	22301711	0.	.0	.0
2	0725	378	0.	.0	.0 * 4	15001045		0.	.0	.0 * 6	22351712	0.	.0	.0
2	0730	379	0.	.0	.0 * 4	15051046		0.	.0	.0 * 6	22401713	0.	.0	.0
2	0735	380	0.	.0	.0 * 4	15101047		0.	.0	.0 * 6	22451714	0.	.0	.0
2	0740	381	0.	.0	.0 * 4	15151048		0.	.0	.0 * 6	22501715	0.	.0	.0
2	0745	382	0.	.0	.0 * 4	15201049		0.	.0	.0 * 6	22551716	0.	.0	.0
2	0750	383	0.	.0	.0 * 4	15251050		0.	.0	.0 * 6	23001717	0.	.0	.0
2	0755	384	0.	.0	.0 * 4	15301051		0.	.0	.0 * 6	23051718	0.	.0	.0
2	0800	385	0.	.0	.0 * 4	15351052		0.	.0	.0 * 6	23101719	0.	.0	.0
2	0805	386	0.	.0	.0 * 4	15401053		0.	.0	.0 * 6	23151720	0.	.0	.0
2	0810	387	0.	.0	.0 * 4	15451054		0.	.0	.0 * 6	23201721	0.	.0	.0
2	0815	388	0.	.0	.0 * 4	15501055		0.	.0	.0 * 6	23251722	0.	.0	.0
2	0820	389	0.	.0	.0 * 4	15551056		0.	.0	.0 * 6	23301723	0.	.0	.0
2	0825	390	0.	.0	.0 * 4	16001057		0.	.0	.0 * 6	23351724	0.	.0	.0
2	0830	391	0.	.0	.0 * 4	16051058		0.	.0	.0 * 6	23401725	0.	.0	.0
2	0835	392	0.	.0	.0 * 4	16101059		0.	.0	.0 * 6	23451726	0.	.0	.0
2	0840	393	0.	.0	.0 * 4	16151060		0.	.0	.0 * 6	23501727	0.	.0	.0
2	0845	394	0.	.0	.0 * 4	16201061		0.	.0	.0 * 6	23551728	0.	.0	.0

									ULT					
2	0850	395	0.	.0	.0 * 4	16251062	0.	.0	.0 * 7	00001729	0.	.0	.0
2	0855	396	0.	.0	.0 * 4	16301063	0.	.0	.0 * 7	00051730	0.	.0	.0
2	0900	397	0.	.0	.0 * 4	16351064	0.	.0	.0 * 7	00101731	0.	.0	.0
2	0905	398	0.	.0	.0 * 4	16401065	0.	.0	.0 * 7	00151732	0.	.0	.0
2	0910	399	0.	.0	.0 * 4	16451066	0.	.0	.0 * 7	00201733	0.	.0	.0
2	0915	400	0.	.0	.0 * 4	16501067	0.	.0	.0 * 7	00251734	0.	.0	.0
2	0920	401	0.	.0	.0 * 4	16551068	0.	.0	.0 * 7	00301735	0.	.0	.0
2	0925	402	0.	.0	.0 * 4	17001069	0.	.0	.0 * 7	00351736	0.	.0	.0
2	0930	403	0.	.0	.0 * 4	17051070	0.	.0	.0 * 7	00401737	0.	.0	.0
2	0935	404	0.	.0	.0 * 4	17101071	0.	.0	.0 * 7	00451738	0.	.0	.0
2	0940	405	0.	.0	.0 * 4	17151072	0.	.0	.0 * 7	00501739	0.	.0	.0
2	0945	406	0.	.0	.0 * 4	17201073	0.	.0	.0 * 7	00551740	0.	.0	.0
2	0950	407	0.	.0	.0 * 4	17251074	0.	.0	.0 * 7	01001741	0.	.0	.0
2	0955	408	0.	.0	.0 * 4	17301075	0.	.0	.0 * 7	01051742	0.	.0	.0
2	1000	409	0.	.0	.0 * 4	17351076	0.	.0	.0 * 7	01101743	0.	.0	.0
2	1005	410	0.	.0	.0 * 4	17401077	0.	.0	.0 * 7	01151744	0.	.0	.0
2	1010	411	0.	.0	.0 * 4	17451078	0.	.0	.0 * 7	01201745	0.	.0	.0
2	1015	412	0.	.0	.0 * 4	17501079	0.	.0	.0 * 7	01251746	0.	.0	.0
2	1020	413	0.	.0	.0 * 4	17551080	0.	.0	.0 * 7	01301747	0.	.0	.0
2	1025	414	0.	.0	.0 * 4	18001081	0.	.0	.0 * 7	01351748	0.	.0	.0
2	1030	415	0.	.0	.0 * 4	18051082	0.	.0	.0 * 7	01401749	0.	.0	.0
2	1035	416	0.	.0	.0 * 4	18101083	0.	.0	.0 * 7	01451750	0.	.0	.0
2	1040	417	0.	.0	.0 * 4	18151084	0.	.0	.0 * 7	01501751	0.	.0	.0
2	1045	418	0.	.0	.0 * 4	18201085	0.	.0	.0 * 7	01551752	0.	.0	.0
2	1050	419	0.	.0	.0 * 4	18251086	0.	.0	.0 * 7	02001753	0.	.0	.0
2	1055	420	0.	.0	.0 * 4	18301087	0.	.0	.0 * 7	02051754	0.	.0	.0
2	1100	421	0.	.0	.0 * 4	18351088	0.	.0	.0 * 7	02101755	0.	.0	.0
2	1105	422	0.	.0	.0 * 4	18401089	0.	.0	.0 * 7	02151756	0.	.0	.0
2	1110	423	0.	.0	.0 * 4	18451090	0.	.0	.0 * 7	02201757	0.	.0	.0
2	1115	424	0.	.0	.0 * 4	18501091	0.	.0	.0 * 7	02251758	0.	.0	.0
2	1120	425	0.	.0	.0 * 4	18551092	0.	.0	.0 * 7	02301759	0.	.0	.0
2	1125	426	0.	.0	.0 * 4	19001093	0.	.0	.0 * 7	02351760	0.	.0	.0
2	1130	427	0.	.0	.0 * 4	19051094	0.	.0	.0 * 7	02401761	0.	.0	.0
2	1135	428	0.	.0	.0 * 4	19101095	0.	.0	.0 * 7	02451762	0.	.0	.0
2	1140	429	0.	.0	.0 * 4	19151096	0.	.0	.0 * 7	02501763	0.	.0	.0
2	1145	430	0.	.0	.0 * 4	19201097	0.	.0	.0 * 7	02551764	0.	.0	.0
2	1150	431	0.	.0	.0 * 4	19251098	0.	.0	.0 * 7	03001765	0.	.0	.0
2	1155	432	0.	.0	.0 * 4	19301099	0.	.0	.0 * 7	03051766	0.	.0	.0
2	1200	433	0.	.0	.0 * 4	19351100	0.	.0	.0 * 7	03101767	0.	.0	.0
2	1205	434	0.	.0	.0 * 4	19401101	0.	.0	.0 * 7	03151768	0.	.0	.0
2	1210	435	0.	.0	.0 * 4	19451102	0.	.0	.0 * 7	03201769	0.	.0	.0
2	1215	436	0.	.0	.0 * 4	19501103	0.	.0	.0 * 7	03251770	0.	.0	.0
2	1220	437	0.	.0	.0 * 4	19551104	0.	.0	.0 * 7	03301771	0.	.0	.0
2	1225	438	0.	.0	.0 * 4	20001105	0.	.0	.0 * 7	03351772	0.	.0	.0
2	1230	439	0.	.0	.0 * 4	20051106	0.	.0	.0 * 7	03401773	0.	.0	.0
2	1235	440	0.	.0	.0 * 4	20101107	0.	.0	.0 * 7	03451774	0.	.0	.0
2	1240	441	0.	.0	.0 * 4	20151108	0.	.0	.0 * 7	03501775	0.	.0	.0
2	1245	442	0.	.0	.0 * 4	20201109	0.	.0	.0 * 7	03551776	0.	.0	.0
2	1250	443	0.	.0	.0 * 4	20251110	0.	.0	.0 * 7	04001777	0.	.0	.0
2	1255	444	0.	.0	.0 * 4	20301111	0.	.0	.0 * 7	04051778	0.	.0	.0
2	1300	445	0.	.0	.0 * 4	20351112	0.	.0	.0 * 7	04101779	0.	.0	.0
2	1305	446	0.	.0	.0 * 4	20401113	0.	.0	.0 * 7	04151780	0.	.0	.0
2	1310	447	0.	.0	.0 * 4	20451114	0.	.0	.0 * 7	04201781	0.	.0	.0
2	1315	448	0.	.0	.0 * 4	20501115	0.	.0	.0 * 7	04251782	0.	.0	.0
2	1320	449	0.	.0	.0 * 4	20551116	0.	.0	.0 * 7	04301783	0.	.0	.0
2	1325	450	0.	.0	.0 * 4	21001117	0.	.0	.0 * 7	04351784	0.	.0	.0
2	1330	451	0.	.0	.0 * 4	21051118	0.	.0	.0 * 7	04401785	0.	.0	.0
2	1335	452	0.	.0	.0 * 4	21101119	0.	.0	.0 * 7	04451786	0.	.0	.0
2	1340	453	0.	.0	.0 * 4	21151120	0.	.0	.0 * 7	04501787	0.	.0	.0
2	1345	454	0.	.0	.0 * 4	21201121	0.	.0	.0 * 7	04551788	0.	.0	.0
2	1350	455	0.	.0	.0 * 4	21251122	0.	.0	.0 * 7	05001789	0.	.0	.0
2	1355	456	0.	.0	.0 * 4	21301123	0.	.0	.0 * 7	05051790	0.	.0	.0
2	1400	457	0.	.0	.0 * 4	21351124	0.	.0	.0 * 7	05101791	0.	.0	.0
2	1405	458	0.	.0	.0 * 4	21401125	0.	.0	.0 * 7	05151792	0.	.0	.0
2	1410	459	0.	.0	.0 * 4	21451126	0.	.0	.0 * 7	05201793	0.	.0	.0
2	1415	460	0.	.0	.0 * 4	21501127	0.	.0	.0 * 7	05251794	0.	.0	.0
2	1420	461	0.	.0	.0 * 4	21551128	0.	.0	.0 * 7	05301795	0.	.0	.0
2	1425	462	0.	.0	.0 * 4	22001129	0.	.0	.0 * 7	05351796	0.	.0	.0
2	1430	463	0.	.0	.0 * 4	22051130	0.	.0	.0 * 7	05401797	0.	.0	.0
2	1435	464	0.	.0	.0 * 4	22101131	0.	.0	.0 * 7	05451798	0.	.0	.0
2	1440	465	0.	.0	.0 * 4	22151132	0.	.0	.0 * 7	05501799	0.	.0	.0
2	1445	466	0.	.0	.0 * 4	22201133	0.	.0	.0 * 7	05551800	0.	.0	.0
2	1450	467	0.	.0	.0 * 4	22251134	0.	.0	.0 * 7	06001801	0.	.0	.0
2	1455	468	0.	.0	.0 * 4	22301135	0.	.0	.0 * 7	06051802	0.	.0	.0
2	1500	469	0.	.0	.0 * 4	22351136	0.	.0	.0 * 7	06101803	0.	.0	.0
2	1505	470	0.	.0	.0 * 4	22401137	0.	.0	.0 * 7	06151804	0.	.0	.0
2	1510	471	0.	.0	.0 * 4	22451138	0.	.0	.0 * 7	06201805	0.	.0	.0
2	1515	472	0.	.0	.0 * 4	22501139	0.	.0	.0 * 7	06251806	0.	.0	.0
2	1520	473	0.	.0	.0 * 4	22551140	0.	.0	.0 * 7	06301807	0.	.0	.0
2	1525	474	0.	.0	.0 * 4	23001141	0.	.0	.0 * 7	06351808	0.	.0	.0
2	1530	475	0.	.0	.0 * 4	23051142	0.	.0	.0 * 7	06401809	0.	.0	.0
2	1535	476	0.	.0	.0 * 4	23101143	0.	.0	.0 * 7	06451810	0.	.0	.0
2	1540	477	0.	.0	.0 * 4	23151144	0.	.0	.0 * 7	06501811	0.	.0	.0
2	1545	478	0.	.0	.0 * 4	23201145	0.	.0	.0 * 7	06551812	0.	.0	.0
2	1550	479	0.	.0	.0 * 4	23251146	0.	.0	.0 * 7	07001813	0.	.0	.0
2	1555	480	0.	.0	.0 * 4	23301147	0.	.0	.0 * 7	07051814	0.	.0	.0
2	1600	481	0.	.0	.0 * 4	23351148	0.	.0	.0 * 7	07101815	0.	.0	.0
2	1605	482	0.	.0	.0 * 4	23401149	0.	.0	.0 * 7	07151816	0.	.0	.0
2	1610	483	0.	.0	.0 * 4	23451150	0.	.0	.0 * 7	07201817	0.	.0	.0

									ULT					
2	1615	484	0.	.0	.0 *	4	23501151	0.	.0	.0 *	7	07251818	0.	.0	.0
2	1620	485	0.	.0	.0 *	4	23551152	0.	.0	.0 *	7	07301819	0.	.0	.0
2	1625	486	0.	.0	.0 *	5	00001153	0.	.0	.0 *	7	07351820	0.	.0	.0
2	1630	487	0.	.0	.0 *	5	00051154	0.	.0	.0 *	7	07401821	0.	.0	.0
2	1635	488	0.	.0	.0 *	5	00101155	0.	.0	.0 *	7	07451822	0.	.0	.0
2	1640	489	0.	.0	.0 *	5	00151156	0.	.0	.0 *	7	07501823	0.	.0	.0
2	1645	490	0.	.0	.0 *	5	00201157	0.	.0	.0 *	7	07551824	0.	.0	.0
2	1650	491	0.	.0	.0 *	5	00251158	0.	.0	.0 *	7	08001825	0.	.0	.0
2	1655	492	0.	.0	.0 *	5	00301159	0.	.0	.0 *	7	08051826	0.	.0	.0
2	1700	493	0.	.0	.0 *	5	00351160	0.	.0	.0 *	7	08101827	0.	.0	.0
2	1705	494	0.	.0	.0 *	5	00401161	0.	.0	.0 *	7	08151828	0.	.0	.0
2	1710	495	0.	.0	.0 *	5	00451162	0.	.0	.0 *	7	08201829	0.	.0	.0
2	1715	496	0.	.0	.0 *	5	00501163	0.	.0	.0 *	7	08251830	0.	.0	.0
2	1720	497	0.	.0	.0 *	5	00551164	0.	.0	.0 *	7	08301831	0.	.0	.0
2	1725	498	0.	.0	.0 *	5	01001165	0.	.0	.0 *	7	08351832	0.	.0	.0
2	1730	499	0.	.0	.0 *	5	01051166	0.	.0	.0 *	7	08401833	0.	.0	.0
2	1735	500	0.	.0	.0 *	5	01101167	0.	.0	.0 *	7	08451834	0.	.0	.0
2	1740	501	0.	.0	.0 *	5	01151168	0.	.0	.0 *	7	08501835	0.	.0	.0
2	1745	502	0.	.0	.0 *	5	01201169	0.	.0	.0 *	7	08551836	0.	.0	.0
2	1750	503	0.	.0	.0 *	5	01251170	0.	.0	.0 *	7	09001837	0.	.0	.0
2	1755	504	0.	.0	.0 *	5	01301171	0.	.0	.0 *	7	09051838	0.	.0	.0
2	1800	505	0.	.0	.0 *	5	01351172	0.	.0	.0 *	7	09101839	0.	.0	.0
2	1805	506	0.	.0	.0 *	5	01401173	0.	.0	.0 *	7	09151840	0.	.0	.0
2	1810	507	0.	.0	.0 *	5	01451174	0.	.0	.0 *	7	09201841	0.	.0	.0
2	1815	508	0.	.0	.0 *	5	01501175	0.	.0	.0 *	7	09251842	0.	.0	.0
2	1820	509	0.	.0	.0 *	5	01551176	0.	.0	.0 *	7	09301843	0.	.0	.0
2	1825	510	0.	.0	.0 *	5	02001177	0.	.0	.0 *	7	09351844	0.	.0	.0
2	1830	511	0.	.0	.0 *	5	02051178	0.	.0	.0 *	7	09401845	0.	.0	.0
2	1835	512	0.	.0	.0 *	5	02101179	0.	.0	.0 *	7	09451846	0.	.0	.0
2	1840	513	0.	.0	.0 *	5	02151180	0.	.0	.0 *	7	09501847	0.	.0	.0
2	1845	514	0.	.0	.0 *	5	02201181	0.	.0	.0 *	7	09551848	0.	.0	.0
2	1850	515	0.	.0	.0 *	5	02251182	0.	.0	.0 *	7	10001849	0.	.0	.0
2	1855	516	0.	.0	.0 *	5	02301183	0.	.0	.0 *	7	10051850	0.	.0	.0
2	1900	517	0.	.0	.0 *	5	02351184	0.	.0	.0 *	7	10101851	0.	.0	.0
2	1905	518	0.	.0	.0 *	5	02401185	0.	.0	.0 *	7	10151852	0.	.0	.0
2	1910	519	0.	.0	.0 *	5	02451186	0.	.0	.0 *	7	10201853	0.	.0	.0
2	1915	520	0.	.0	.0 *	5	02501187	0.	.0	.0 *	7	10251854	0.	.0	.0
2	1920	521	0.	.0	.0 *	5	02551188	0.	.0	.0 *	7	10301855	0.	.0	.0
2	1925	522	0.	.0	.0 *	5	03001189	0.	.0	.0 *	7	10351856	0.	.0	.0
2	1930	523	0.	.0	.0 *	5	03051190	0.	.0	.0 *	7	10401857	0.	.0	.0
2	1935	524	0.	.0	.0 *	5	03101191	0.	.0	.0 *	7	10451858	0.	.0	.0
2	1940	525	0.	.0	.0 *	5	03151192	0.	.0	.0 *	7	10501859	0.	.0	.0
2	1945	526	0.	.0	.0 *	5	03201193	0.	.0	.0 *	7	10551860	0.	.0	.0
2	1950	527	0.	.0	.0 *	5	03251194	0.	.0	.0 *	7	11001861	0.	.0	.0
2	1955	528	0.	.0	.0 *	5	03301195	0.	.0	.0 *	7	11051862	0.	.0	.0
2	2000	529	0.	.0	.0 *	5	03351196	0.	.0	.0 *	7	11101863	0.	.0	.0
2	2005	530	0.	.0	.0 *	5	03401197	0.	.0	.0 *	7	11151864	0.	.0	.0
2	2010	531	0.	.0	.0 *	5	03451198	0.	.0	.0 *	7	11201865	0.	.0	.0
2	2015	532	0.	.0	.0 *	5	03501199	0.	.0	.0 *	7	11251866	0.	.0	.0
2	2020	533	0.	.0	.0 *	5	03551200	0.	.0	.0 *	7	11301867	0.	.0	.0
2	2025	534	0.	.0	.0 *	5	04001201	0.	.0	.0 *	7	11351868	0.	.0	.0
2	2030	535	0.	.0	.0 *	5	04051202	0.	.0	.0 *	7	11401869	0.	.0	.0
2	2035	536	0.	.0	.0 *	5	04101203	0.	.0	.0 *	7	11451870	0.	.0	.0
2	2040	537	0.	.0	.0 *	5	04151204	0.	.0	.0 *	7	11501871	0.	.0	.0
2	2045	538	0.	.0	.0 *	5	04201205	0.	.0	.0 *	7	11551872	0.	.0	.0
2	2050	539	0.	.0	.0 *	5	04251206	0.	.0	.0 *	7	12001873	0.	.0	.0
2	2055	540	0.	.0	.0 *	5	04301207	0.	.0	.0 *	7	12051874	0.	.0	.0
2	2100	541	0.	.0	.0 *	5	04351208	0.	.0	.0 *	7	12101875	0.	.0	.0
2	2105	542	0.	.0	.0 *	5	04401209	0.	.0	.0 *	7	12151876	0.	.0	.0
2	2110	543	0.	.0	.0 *	5	04451210	0.	.0	.0 *	7	12201877	0.	.0	.0
2	2115	544	0.	.0	.0 *	5	04501211	0.	.0	.0 *	7	12251878	0.	.0	.0
2	2120	545	0.	.0	.0 *	5	04551212	0.	.0	.0 *	7	12301879	0.	.0	.0
2	2125	546	0.	.0	.0 *	5	05001213	0.	.0	.0 *	7	12351880	0.	.0	.0
2	2130	547	0.	.0	.0 *	5	05051214	0.	.0	.0 *	7	12401881	0.	.0	.0
2	2135	548	0.	.0	.0 *	5	05101215	0.	.0	.0 *	7	12451882	0.	.0	.0
2	2140	549	0.	.0	.0 *	5	05151216	0.	.0	.0 *	7	12501883	0.	.0	.0
2	2145	550	0.	.0	.0 *	5	05201217	0.	.0	.0 *	7	12551884	0.	.0	.0
2	2150	551	0.	.0	.0 *	5	05251218	0.	.0	.0 *	7	13001885	0.	.0	.0
2	2155	552	0.	.0	.0 *	5	05301219	0.	.0	.0 *	7	13051886	0.	.0	.0
2	2200	553	0.	.0	.0 *	5	05351220	0.	.0	.0 *	7	13101887	0.	.0	.0
2	2205	554	0.	.0	.0 *	5	05401221	0.	.0	.0 *	7	13151888	0.	.0	.0
2	2210	555	0.	.0	.0 *	5	05451222	0.	.0	.0 *	7	13201889	0.	.0	.0
2	2215	556	0.	.0	.0 *	5	05501223	0.	.0	.0 *	7	13251890	0.	.0	.0
2	2220	557	0.	.0	.0 *	5	05551224	0.	.0	.0 *	7	13301891	0.	.0	.0
2	2225	558	0.	.0	.0 *	5	06001225	0.	.0	.0 *	7	13351892	0.	.0	.0
2	2230	559	0.	.0	.0 *	5	06051226	0.	.0	.0 *	7	13401893	0.	.0	.0
2	2235	560	0.	.0	.0 *	5	06101227	0.	.0	.0 *	7	13451894	0.	.0	.0
2	2240	561	0.	.0	.0 *	5	06151228	0.	.0	.0 *	7	13501895	0.	.0	.0
2	2245	562	0.	.0	.0 *	5	06201229	0.	.0	.0 *	7	13551896	0.	.0	.0
2	2250	563	0.	.0	.0 *	5	06251230	0.	.0	.0 *	7	14001897	0.	.0	.0
2	2255	564	0.	.0	.0 *	5	06301231	0.	.0	.0 *	7	14051898	0.	.0	.0
2	2300	565	0.	.0	.0 *	5	06351232	0.	.0	.0 *	7	14101899	0.	.0	.0
2	2305	566	0.	.0	.0 *	5	06401233	0.	.0	.0 *	7	14151900	0.	.0	.0
2	2310	567	0.	.0	.0 *	5	06451234	0.	.0	.0 *	7	14201901	0.	.0	.0
2	2315	568	0.	.0	.0 *	5	06501235	0.	.0	.0 *	7	14251902	0.	.0	.0
2	2320	569	0.	.0	.0 *	5	06551236	0.	.0	.0 *	7	14301903	0.	.0	.0
2	2325	570	0.	.0	.0 *	5	07001237	0.	.0	.0 *	7	14351904	0.	.0	.0
2	2330	571	0.	.0	.0 *	5	07051238	0.	.0	.0 *	7	14401905	0.	.0	.0
2	2335	572	0.	.0	.0 *	5	07101239	0.	.0	.0 *	7	14451906	0.	.0	.0

									ULT					
2	2340	573	0.	.0	.0 * 5	07151240	0.	.0	.0 * 7	14501907	0.	.0	.0	
2	2345	574	0.	.0	.0 * 5	07201241	0.	.0	.0 * 7	14551908	0.	.0	.0	
2	2350	575	0.	.0	.0 * 5	07251242	0.	.0	.0 * 7	15001909	0.	.0	.0	
2	2355	576	0.	.0	.0 * 5	07301243	0.	.0	.0 * 7	15051910	0.	.0	.0	
3	0000	577	0.	.0	.0 * 5	07351244	0.	.0	.0 * 7	15101911	0.	.0	.0	
3	0005	578	0.	.0	.0 * 5	07401245	0.	.0	.0 * 7	15151912	0.	.0	.0	
3	0010	579	0.	.0	.0 * 5	07451246	0.	.0	.0 * 7	15201913	0.	.0	.0	
3	0015	580	0.	.0	.0 * 5	07501247	0.	.0	.0 * 7	15251914	0.	.0	.0	
3	0020	581	0.	.0	.0 * 5	07551248	0.	.0	.0 * 7	15301915	0.	.0	.0	
3	0025	582	0.	.0	.0 * 5	08001249	0.	.0	.0 * 7	15351916	0.	.0	.0	
3	0030	583	0.	.0	.0 * 5	08051250	0.	.0	.0 * 7	15401917	0.	.0	.0	
3	0035	584	0.	.0	.0 * 5	08101251	0.	.0	.0 * 7	15451918	0.	.0	.0	
3	0040	585	0.	.0	.0 * 5	08151252	0.	.0	.0 * 7	15501919	0.	.0	.0	
3	0045	586	0.	.0	.0 * 5	08201253	0.	.0	.0 * 7	15551920	0.	.0	.0	
3	0050	587	0.	.0	.0 * 5	08251254	0.	.0	.0 * 7	16001921	0.	.0	.0	
3	0055	588	0.	.0	.0 * 5	08301255	0.	.0	.0 * 7	16051922	0.	.0	.0	
3	0100	589	0.	.0	.0 * 5	08351256	0.	.0	.0 * 7	16101923	0.	.0	.0	
3	0105	590	0.	.0	.0 * 5	08401257	0.	.0	.0 * 7	16151924	0.	.0	.0	
3	0110	591	0.	.0	.0 * 5	08451258	0.	.0	.0 * 7	16201925	0.	.0	.0	
3	0115	592	0.	.0	.0 * 5	08501259	0.	.0	.0 * 7	16251926	0.	.0	.0	
3	0120	593	0.	.0	.0 * 5	08551260	0.	.0	.0 * 7	16301927	0.	.0	.0	
3	0125	594	0.	.0	.0 * 5	09001261	0.	.0	.0 * 7	16351928	0.	.0	.0	
3	0130	595	0.	.0	.0 * 5	09051262	0.	.0	.0 * 7	16401929	0.	.0	.0	
3	0135	596	0.	.0	.0 * 5	09101263	0.	.0	.0 * 7	16451930	0.	.0	.0	
3	0140	597	0.	.0	.0 * 5	09151264	0.	.0	.0 * 7	16501931	0.	.0	.0	
3	0145	598	0.	.0	.0 * 5	09201265	0.	.0	.0 * 7	16551932	0.	.0	.0	
3	0150	599	0.	.0	.0 * 5	09251266	0.	.0	.0 * 7	17001933	0.	.0	.0	
3	0155	600	0.	.0	.0 * 5	09301267	0.	.0	.0 * 7	17051934	0.	.0	.0	
3	0200	601	0.	.0	.0 * 5	09351268	0.	.0	.0 * 7	17101935	0.	.0	.0	
3	0205	602	0.	.0	.0 * 5	09401269	0.	.0	.0 * 7	17151936	0.	.0	.0	
3	0210	603	0.	.0	.0 * 5	09451270	0.	.0	.0 * 7	17201937	0.	.0	.0	
3	0215	604	0.	.0	.0 * 5	09501271	0.	.0	.0 * 7	17251938	0.	.0	.0	
3	0220	605	0.	.0	.0 * 5	09551272	0.	.0	.0 * 7	17301939	0.	.0	.0	
3	0225	606	0.	.0	.0 * 5	10001273	0.	.0	.0 * 7	17351940	0.	.0	.0	
3	0230	607	0.	.0	.0 * 5	10051274	0.	.0	.0 * 7	17401941	0.	.0	.0	
3	0235	608	0.	.0	.0 * 5	10101275	0.	.0	.0 * 7	17451942	0.	.0	.0	
3	0240	609	0.	.0	.0 * 5	10151276	0.	.0	.0 * 7	17501943	0.	.0	.0	
3	0245	610	0.	.0	.0 * 5	10201277	0.	.0	.0 * 7	17551944	0.	.0	.0	
3	0250	611	0.	.0	.0 * 5	10251278	0.	.0	.0 * 7	18001945	0.	.0	.0	
3	0255	612	0.	.0	.0 * 5	10301279	0.	.0	.0 * 7	18051946	0.	.0	.0	
3	0300	613	0.	.0	.0 * 5	10351280	0.	.0	.0 * 7	18101947	0.	.0	.0	
3	0305	614	0.	.0	.0 * 5	10401281	0.	.0	.0 * 7	18151948	0.	.0	.0	
3	0310	615	0.	.0	.0 * 5	10451282	0.	.0	.0 * 7	18201949	0.	.0	.0	
3	0315	616	0.	.0	.0 * 5	10501283	0.	.0	.0 * 7	18251950	0.	.0	.0	
3	0320	617	0.	.0	.0 * 5	10551284	0.	.0	.0 * 7	18301951	0.	.0	.0	
3	0325	618	0.	.0	.0 * 5	11001285	0.	.0	.0 * 7	18351952	0.	.0	.0	
3	0330	619	0.	.0	.0 * 5	11051286	0.	.0	.0 * 7	18401953	0.	.0	.0	
3	0335	620	0.	.0	.0 * 5	11101287	0.	.0	.0 * 7	18451954	0.	.0	.0	
3	0340	621	0.	.0	.0 * 5	11151288	0.	.0	.0 * 7	18501955	0.	.0	.0	
3	0345	622	0.	.0	.0 * 5	11201289	0.	.0	.0 * 7	18551956	0.	.0	.0	
3	0350	623	0.	.0	.0 * 5	11251290	0.	.0	.0 * 7	19001957	0.	.0	.0	
3	0355	624	0.	.0	.0 * 5	11301291	0.	.0	.0 * 7	19051958	0.	.0	.0	
3	0400	625	0.	.0	.0 * 5	11351292	0.	.0	.0 * 7	19101959	0.	.0	.0	
3	0405	626	0.	.0	.0 * 5	11401293	0.	.0	.0 * 7	19151960	0.	.0	.0	
3	0410	627	0.	.0	.0 * 5	11451294	0.	.0	.0 * 7	19201961	0.	.0	.0	
3	0415	628	0.	.0	.0 * 5	11501295	0.	.0	.0 * 7	19251962	0.	.0	.0	
3	0420	629	0.	.0	.0 * 5	11551296	0.	.0	.0 * 7	19301963	0.	.0	.0	
3	0425	630	0.	.0	.0 * 5	12001297	0.	.0	.0 * 7	19351964	0.	.0	.0	
3	0430	631	0.	.0	.0 * 5	12051298	0.	.0	.0 * 7	19401965	0.	.0	.0	
3	0435	632	0.	.0	.0 * 5	12101299	0.	.0	.0 * 7	19451966	0.	.0	.0	
3	0440	633	0.	.0	.0 * 5	12151300	0.	.0	.0 * 7	19501967	0.	.0	.0	
3	0445	634	0.	.0	.0 * 5	12201301	0.	.0	.0 * 7	19551968	0.	.0	.0	
3	0450	635	0.	.0	.0 * 5	12251302	0.	.0	.0 * 7	20001969	0.	.0	.0	
3	0455	636	0.	.0	.0 * 5	12301303	0.	.0	.0 * 7	20051970	0.	.0	.0	
3	0500	637	0.	.0	.0 * 5	12351304	0.	.0	.0 * 7	20101971	0.	.0	.0	
3	0505	638	0.	.0	.0 * 5	12401305	0.	.0	.0 * 7	20151972	0.	.0	.0	
3	0510	639	0.	.0	.0 * 5	12451306	0.	.0	.0 * 7	20201973	0.	.0	.0	
3	0515	640	0.	.0	.0 * 5	12501307	0.	.0	.0 * 7	20251974	0.	.0	.0	
3	0520	641	0.	.0	.0 * 5	12551308	0.	.0	.0 * 7	20301975	0.	.0	.0	
3	0525	642	0.	.0	.0 * 5	13001309	0.	.0	.0 * 7	20351976	0.	.0	.0	
3	0530	643	0.	.0	.0 * 5	13051310	0.	.0	.0 * 7	20401977	0.	.0	.0	
3	0535	644	0.	.0	.0 * 5	13101311	0.	.0	.0 * 7	20451978	0.	.0	.0	
3	0540	645	0.	.0	.0 * 5	13151312	0.	.0	.0 * 7	20501979	0.	.0	.0	
3	0545	646	0.	.0	.0 * 5	13201313	0.	.0	.0 * 7	20551980	0.	.0	.0	
3	0550	647	0.	.0	.0 * 5	13251314	0.	.0	.0 * 7	21001981	0.	.0	.0	
3	0555	648	0.	.0	.0 * 5	13301315	0.	.0	.0 * 7	21051982	0.	.0	.0	
3	0600	649	0.	.0	.0 * 5	13351316	0.	.0	.0 * 7	21101983	0.	.0	.0	
3	0605	650	0.	.0	.0 * 5	13401317	0.	.0	.0 * 7	21151984	0.	.0	.0	
3	0610	651	0.	.0	.0 * 5	13451318	0.	.0	.0 * 7	21201985	0.	.0	.0	
3	0615	652	0.	.0	.0 * 5	13501319	0.	.0	.0 * 7	21251986	0.	.0	.0	
3	0620	653	0.	.0	.0 * 5	13551320	0.	.0	.0 * 7	21301987	0.	.0	.0	
3	0625	654	0.	.0	.0 * 5	14001321	0.	.0	.0 * 7	21351988	0.	.0	.0	
3	0630	655	0.	.0	.0 * 5	14051322	0.	.0	.0 * 7	21401989	0.	.0	.0	
3	0635	656	0.	.0	.0 * 5	14101323	0.	.0	.0 * 7	21451990	0.	.0	.0	
3	0640	657	0.	.0	.0 * 5	14151324	0.	.0	.0 * 7	21501991	0.	.0	.0	
3	0645	658	0.	.0	.0 * 5	14201325	0.	.0	.0 * 7	21551992	0.	.0	.0	
3	0650	659	0.	.0	.0 * 5	14251326	0.	.0	.0 * 7	22001993	0.	.0	.0	
3	0655	660	0.	.0	.0 * 5	14301327	0.	.0	.0 * 7	22051994	0.	.0	.0	
3	0700	661	0.	.0	.0 * 5	14351328	0.	.0	.0 * 7	22101995	0.	.0	.0	

																	ULT		
3	0705	662	0.	.0	.0	*	5	14401329	0.	.0	.0	*	7	22151996	0.	.0	.0		
3	0710	663	0.	.0	.0	*	5	14451330	0.	.0	.0	*	7	22201997	0.	.0	.0		
3	0715	664	0.	.0	.0	*	5	14501331	0.	.0	.0	*	7	22251998	0.	.0	.0		
3	0720	665	0.	.0	.0	*	5	14551332	0.	.0	.0	*	7	22301999	0.	.0	.0		
3	0725	666	0.	.0	.0	*	5	15001333	0.	.0	.0	*	7	22352000	0.	.0	.0		
3	0730	667	0.	.0	.0	*	5	15051334	0.	.0	.0	*							
						*						*							

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 1061.	4.17		370.	94.	31.	14.
		(INCHES)	1.569	1.594	1.594	1.594
		(AC-FT)	184.	186.	186.	186.

PEAK STORAGE	TIME		MAXIMUM AVERAGE STORAGE			
			6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)					
68.	4.17		24.	6.	2.	1.

PEAK STAGE	TIME		MAXIMUM AVERAGE STAGE			
			6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)					
4.89	4.17		1.73	.44	.15	.06

CUMULATIVE AREA = 2.19 SQ MI

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HYDROGRAPH AT STATION 157DB
PLAN 1, RATIO = .90

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	0.	.0	.0 *	3	0735		668	0.	.0	.0 *	5	15101335			0.	.0	.0
1	0005		2	0.	.0	.0 *	3	0740		669	0.	.0	.0 *	5	15151336			0.	.0	.0
1	0010		3	0.	.0	.0 *	3	0745		670	0.	.0	.0 *	5	15201337			0.	.0	.0
1	0015		4	0.	.0	.0 *	3	0750		671	0.	.0	.0 *	5	15251338			0.	.0	.0
1	0020		5	0.	.0	.0 *	3	0755		672	0.	.0	.0 *	5	15301339			0.	.0	.0
1	0025		6	0.	.0	.0 *	3	0800		673	0.	.0	.0 *	5	15351340			0.	.0	.0
1	0030		7	0.	.0	.0 *	3	0805		674	0.	.0	.0 *	5	15401341			0.	.0	.0
1	0035		8	0.	.0	.0 *	3	0810		675	0.	.0	.0 *	5	15451342			0.	.0	.0
1	0040		9	0.	.0	.0 *	3	0815		676	0.	.0	.0 *	5	15501343			0.	.0	.0
1	0045		10	0.	.0	.0 *	3	0820		677	0.	.0	.0 *	5	15551344			0.	.0	.0
1	0050		11	0.	.0	.0 *	3	0825		678	0.	.0	.0 *	5	16001345			0.	.0	.0
1	0055		12	1.	.1	.0 *	3	0830		679	0.	.0	.0 *	5	16051346			0.	.0	.0
1	0100		13	1.	.1	.0 *	3	0835		680	0.	.0	.0 *	5	16101347			0.	.0	.0
1	0105		14	1.	.1	.0 *	3	0840		681	0.	.0	.0 *	5	16151348			0.	.0	.0
1	0110		15	1.	.1	.0 *	3	0845		682	0.	.0	.0 *	5	16201349			0.	.0	.0
1	0115		16	2.	.1	.0 *	3	0850		683	0.	.0	.0 *	5	16251350			0.	.0	.0
1	0120		17	2.	.1	.0 *	3	0855		684	0.	.0	.0 *	5	16301351			0.	.0	.0
1	0125		18	2.	.2	.0 *	3	0900		685	0.	.0	.0 *	5	16351352			0.	.0	.0
1	0130		19	3.	.2	.0 *	3	0905		686	0.	.0	.0 *	5	16401353			0.	.0	.0
1	0135		20	4.	.3	.0 *	3	0910		687	0.	.0	.0 *	5	16451354			0.	.0	.0
1	0140		21	6.	.4	.0 *	3	0915		688	0.	.0	.0 *	5	16501355			0.	.0	.0
1	0145		22	8.	.6	.0 *	3	0920		689	0.	.0	.0 *	5	16551356			0.	.0	.0
1	0150		23	12.	.8	.1 *	3	0925		690	0.	.0	.0 *	5	17001357			0.	.0	.0
1	0155		24	16.	1.1	.1 *	3	0930		691	0.	.0	.0 *	5	17051358			0.	.0	.0
1	0200		25	21.	1.4	.1 *	3	0935		692	0.	.0	.0 *	5	17101359			0.	.0	.0
1	0205		26	24.	1.6	.1 *	3	0940		693	0.	.0	.0 *	5	17151360			0.	.0	.0
1	0210		27	27.	1.8	.1 *	3	0945		694	0.	.0	.0 *	5	17201361			0.	.0	.0
1	0215		28	30.	2.0	.1 *	3	0950		695	0.	.0	.0 *	5	17251362			0.	.0	.0
1	0220		29	32.	2.1	.2 *	3	0955		696	0.	.0	.0 *	5	17301363			0.	.0	.0
1	0225		30	35.	2.3	.2 *	3	1000		697	0.	.0	.0 *	5	17351364			0.	.0	.0
1	0230		31	39.	2.6	.2 *	3	1005		698	0.	.0	.0 *	5	17401365			0.	.0	.0
1	0235		32	46.	3.1	.2 *	3	1010		699	0.	.0	.0 *	5	17451366			0.	.0	.0
1	0240		33	52.	3.5	.3 *	3	1015		700	0.	.0	.0 *	5	17501367			0.	.0	.0
1	0245		34	58.	3.9	.3 *	3	1020		701	0.	.0	.0 *	5	17551368			0.	.0	.0
1	0250		35	64.	4.3	.3 *	3	1025		702	0.	.0	.0 *	5	18001369			0.	.0	.0
1	0255		36	69.	4.6	.3 *	3	1030		703	0.	.0	.0 *	5	18051370			0.	.0	.0
1	0300		37	75.	5.0	.4 *	3	1035		704	0.	.0	.0 *	5	18101371			0.	.0	.0
1	0305		38	81.	5.4	.4 *	3	1040		705	0.	.0	.0 *	5	18151372			0.	.0	.0
1	0310		39	86.	5.8	.4 *	3	1045		706	0.	.0	.0 *	5	18201373			0.	.0	.0
1	0315		40	95.	6.3	.5 *	3	1050		707	0.	.0	.0 *	5	18251374			0.	.0	.0
1	0320		41	112.	7.5	.5 *	3	1055		708	0.	.0	.0 *	5	18301375			0.	.0	.0
1	0325		42	149.	10.0	.7 *	3	1100		709	0.	.0	.0 *	5	18351376			0.	.0	.0
1	0330		43	217.	14.6	1.0 *	3	1105		710	0.	.0	.0 *	5	18401377			0.	.0	.0
1	0335		44	325.	21.8	1.6 *	3	1110		711	0.	.0	.0 *	5	18451378			0.	.0	.0
1	0340		45	466.	31.2	2.2 *	3	1115		712	0.	.0	.0 *	5	18501379			0.	.0	.0
1	0345		46	619.	41.5	3.0 *	3	1120		713	0.	.0	.0 *	5	18551380			0.	.0	.0
1	0350		47	790.	50.9	3.6 *	3	1125		714	0.	.0	.0 *	5	19001381			0.	.0	.0
1	0355		48	917.	58.2	4.2 *	3	1130		715	0.	.0	.0 *	5	19051382			0.	.0	.0
1	0400		49	989.	63.3	4.5 *	3	1135		716	0.	.0	.0 *	5	19101383			0.	.0	.0
1	0405		50	1030.	66.2	4.7 *	3	1140		717	0.	.0	.0 *	5	19151384			0.	.0	.0

															ULT
1	0410	51	1044.	67.2	4.8 *	3	1145	718	0.	.0	.0 *	5	19201385	0.	.0	.0
1	0415	52	1038.	66.7	4.8 *	3	1150	719	0.	.0	.0 *	5	19251386	0.	.0	.0
1	0420	53	1015.	65.1	4.7 *	3	1155	720	0.	.0	.0 *	5	19301387	0.	.0	.0
1	0425	54	981.	62.7	4.5 *	3	1200	721	0.	.0	.0 *	5	19351388	0.	.0	.0
1	0430	55	940.	59.9	4.3 *	3	1205	722	0.	.0	.0 *	5	19401389	0.	.0	.0
1	0435	56	899.	57.0	4.1 *	3	1210	723	0.	.0	.0 *	5	19451390	0.	.0	.0
1	0440	57	856.	54.4	3.9 *	3	1215	724	0.	.0	.0 *	5	19501391	0.	.0	.0
1	0445	58	817.	52.3	3.7 *	3	1220	725	0.	.0	.0 *	5	19551392	0.	.0	.0
1	0450	59	785.	50.6	3.6 *	3	1225	726	0.	.0	.0 *	5	20001393	0.	.0	.0
1	0455	60	758.	49.1	3.5 *	3	1230	727	0.	.0	.0 *	5	20051394	0.	.0	.0
1	0500	61	734.	47.9	3.4 *	3	1235	728	0.	.0	.0 *	5	20101395	0.	.0	.0
1	0505	62	712.	46.7	3.3 *	3	1240	729	0.	.0	.0 *	5	20151396	0.	.0	.0
1	0510	63	689.	45.4	3.2 *	3	1245	730	0.	.0	.0 *	5	20201397	0.	.0	.0
1	0515	64	660.	43.8	3.1 *	3	1250	731	0.	.0	.0 *	5	20251398	0.	.0	.0
1	0520	65	626.	42.0	3.0 *	3	1255	732	0.	.0	.0 *	5	20301399	0.	.0	.0
1	0525	66	595.	39.9	2.9 *	3	1300	733	0.	.0	.0 *	5	20351400	0.	.0	.0
1	0530	67	562.	37.7	2.7 *	3	1305	734	0.	.0	.0 *	5	20401401	0.	.0	.0
1	0535	68	527.	35.3	2.5 *	3	1310	735	0.	.0	.0 *	5	20451402	0.	.0	.0
1	0540	69	492.	33.0	2.4 *	3	1315	736	0.	.0	.0 *	5	20501403	0.	.0	.0
1	0545	70	457.	30.7	2.2 *	3	1320	737	0.	.0	.0 *	5	20551404	0.	.0	.0
1	0550	71	423.	28.4	2.0 *	3	1325	738	0.	.0	.0 *	5	21001405	0.	.0	.0
1	0555	72	391.	26.2	1.9 *	3	1330	739	0.	.0	.0 *	5	21051406	0.	.0	.0
1	0600	73	361.	24.2	1.7 *	3	1335	740	0.	.0	.0 *	5	21101407	0.	.0	.0
1	0605	74	333.	22.3	1.6 *	3	1340	741	0.	.0	.0 *	5	21151408	0.	.0	.0
1	0610	75	307.	20.6	1.5 *	3	1345	742	0.	.0	.0 *	5	21201409	0.	.0	.0
1	0615	76	282.	18.9	1.4 *	3	1350	743	0.	.0	.0 *	5	21251410	0.	.0	.0
1	0620	77	259.	17.4	1.2 *	3	1355	744	0.	.0	.0 *	5	21301411	0.	.0	.0
1	0625	78	238.	15.9	1.1 *	3	1400	745	0.	.0	.0 *	5	21351412	0.	.0	.0
1	0630	79	217.	14.6	1.0 *	3	1405	746	0.	.0	.0 *	5	21401413	0.	.0	.0
1	0635	80	198.	13.3	.9 *	3	1410	747	0.	.0	.0 *	5	21451414	0.	.0	.0
1	0640	81	180.	12.1	.9 *	3	1415	748	0.	.0	.0 *	5	21501415	0.	.0	.0
1	0645	82	164.	11.0	.8 *	3	1420	749	0.	.0	.0 *	5	21551416	0.	.0	.0
1	0650	83	149.	10.0	.7 *	3	1425	750	0.	.0	.0 *	5	22001417	0.	.0	.0
1	0655	84	135.	9.0	.6 *	3	1430	751	0.	.0	.0 *	5	22051418	0.	.0	.0
1	0700	85	122.	8.2	.6 *	3	1435	752	0.	.0	.0 *	5	22101419	0.	.0	.0
1	0705	86	110.	7.4	.5 *	3	1440	753	0.	.0	.0 *	5	22151420	0.	.0	.0
1	0710	87	100.	6.7	.5 *	3	1445	754	0.	.0	.0 *	5	22201421	0.	.0	.0
1	0715	88	90.	6.1	.4 *	3	1450	755	0.	.0	.0 *	5	22251422	0.	.0	.0
1	0720	89	82.	5.5	.4 *	3	1455	756	0.	.0	.0 *	5	22301423	0.	.0	.0
1	0725	90	74.	4.9	.4 *	3	1500	757	0.	.0	.0 *	5	22351424	0.	.0	.0
1	0730	91	66.	4.5	.3 *	3	1505	758	0.	.0	.0 *	5	22401425	0.	.0	.0
1	0735	92	60.	4.0	.3 *	3	1510	759	0.	.0	.0 *	5	22451426	0.	.0	.0
1	0740	93	54.	3.6	.3 *	3	1515	760	0.	.0	.0 *	5	22501427	0.	.0	.0
1	0745	94	49.	3.3	.2 *	3	1520	761	0.	.0	.0 *	5	22551428	0.	.0	.0
1	0750	95	44.	3.0	.2 *	3	1525	762	0.	.0	.0 *	5	23001429	0.	.0	.0
1	0755	96	40.	2.7	.2 *	3	1530	763	0.	.0	.0 *	5	23051430	0.	.0	.0
1	0800	97	36.	2.4	.2 *	3	1535	764	0.	.0	.0 *	5	23101431	0.	.0	.0
1	0805	98	32.	2.2	.2 *	3	1540	765	0.	.0	.0 *	5	23151432	0.	.0	.0
1	0810	99	29.	2.0	.1 *	3	1545	766	0.	.0	.0 *	5	23201433	0.	.0	.0
1	0815	100	26.	1.8	.1 *	3	1550	767	0.	.0	.0 *	5	23251434	0.	.0	.0
1	0820	101	24.	1.6	.1 *	3	1555	768	0.	.0	.0 *	5	23301435	0.	.0	.0
1	0825	102	22.	1.4	.1 *	3	1600	769	0.	.0	.0 *	5	23351436	0.	.0	.0
1	0830	103	19.	1.3	.1 *	3	1605	770	0.	.0	.0 *	5	23401437	0.	.0	.0
1	0835	104	18.	1.2	.1 *	3	1610	771	0.	.0	.0 *	5	23451438	0.	.0	.0
1	0840	105	16.	1.1	.1 *	3	1615	772	0.	.0	.0 *	5	23501439	0.	.0	.0
1	0845	106	14.	1.0	.1 *	3	1620	773	0.	.0	.0 *	5	23551440	0.	.0	.0
1	0850	107	13.	.9	.1 *	3	1625	774	0.	.0	.0 *	6	00001441	0.	.0	.0
1	0855	108	12.	.8	.1 *	3	1630	775	0.	.0	.0 *	6	00051442	0.	.0	.0
1	0900	109	10.	.7	.1 *	3	1635	776	0.	.0	.0 *	6	00101443	0.	.0	.0
1	0905	110	9.	.6	.0 *	3	1640	777	0.	.0	.0 *	6	00151444	0.	.0	.0
1	0910	111	9.	.6	.0 *	3	1645	778	0.	.0	.0 *	6	00201445	0.	.0	.0
1	0915	112	8.	.5	.0 *	3	1650	779	0.	.0	.0 *	6	00251446	0.	.0	.0
1	0920	113	7.	.5	.0 *	3	1655	780	0.	.0	.0 *	6	00301447	0.	.0	.0
1	0925	114	6.	.4	.0 *	3	1700	781	0.	.0	.0 *	6	00351448	0.	.0	.0
1	0930	115	6.	.4	.0 *	3	1705	782	0.	.0	.0 *	6	00401449	0.	.0	.0
1	0935	116	5.	.3	.0 *	3	1710	783	0.	.0	.0 *	6	00451450	0.	.0	.0
1	0940	117	5.	.3	.0 *	3	1715	784	0.	.0	.0 *	6	00501451	0.	.0	.0
1	0945	118	4.	.3	.0 *	3	1720	785	0.	.0	.0 *	6	00551452	0.	.0	.0
1	0950	119	4.	.3	.0 *	3	1725	786	0.	.0	.0 *	6	01001453	0.	.0	.0
1	0955	120	3.	.2	.0 *	3	1730	787	0.	.0	.0 *	6	01051454	0.	.0	.0
1	1000	121	3.	.2	.0 *	3	1735	788	0.	.0	.0 *	6	01101455	0.	.0	.0
1	1005	122	3.	.2	.0 *	3	1740	789	0.	.0	.0 *	6	01151456	0.	.0	.0
1	1010	123	2.	.2	.0 *	3	1745	790	0.	.0	.0 *	6	01201457	0.	.0	.0
1	1015	124	2.	.2	.0 *	3	1750	791	0.	.0	.0 *	6	01251458	0.	.0	.0
1	1020	125	2.	.1	.0 *	3	1755	792	0.	.0	.0 *	6	01301459	0.	.0	.0
1	1025	126	2.	.1	.0 *	3	1800	793	0.	.0	.0 *	6	01351460	0.	.0	.0
1	1030	127	2.	.1	.0 *	3	1805	794	0.	.0	.0 *	6	01401461	0.	.0	.0
1	1035	128	1.	.1	.0 *	3	1810	795	0.	.0	.0 *	6	01451462	0.	.0	.0
1	1040	129	1.	.1	.0 *	3	1815	796	0.	.0	.0 *	6	01501463	0.	.0	.0
1	1045	130	1.	.1	.0 *	3	1820	797	0.	.0	.0 *	6	01551464	0.	.0	.0
1	1050	131	1.	.1	.0 *	3	1825	798	0.	.0	.0 *	6	02001465	0.	.0	.0
1	1055	132	1.	.1	.0 *	3	1830	799	0.	.0	.0 *	6	02051466	0.	.0	.0
1	1100	133	1.	.1	.0 *	3	1835	800	0.	.0	.0 *	6	02101467	0.	.0	.0
1	1105	134	1.	.1	.0 *	3	1840	801	0.	.0	.0 *	6	02151468	0.	.0	.0
1	1110	135	1.	.0	.0 *	3	1845	802	0.	.0	.0 *	6	02201469	0.	.0	.0
1	1115	136	1.	.0	.0 *	3	1850	803	0.	.0	.0 *	6	02251470	0.	.0	.0
1	1120	137	1.	.0	.0 *	3	1855	804	0.	.0	.0 *	6	02301471	0.	.0	.0
1	1125	138	1.	.0	.0 *	3	1900	805	0.	.0	.0 *	6	02351472	0.	.0	.0
1	1130	139	0.	.0	.0 *	3	1905	806	0.	.0	.0 *	6	02401473	0.	.0	.0

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1	1135	140	0.	.0	.0 *	3	1910	807	0.	.0	.0 *	6	02451474	0.	.0	.0
1	1140	141	0.	.0	.0 *	3	1915	808	0.	.0	.0 *	6	02501475	0.	.0	.0
1	1145	142	0.	.0	.0 *	3	1920	809	0.	.0	.0 *	6	02551476	0.	.0	.0
1	1150	143	0.	.0	.0 *	3	1925	810	0.	.0	.0 *	6	03001477	0.	.0	.0
1	1155	144	0.	.0	.0 *	3	1930	811	0.	.0	.0 *	6	03051478	0.	.0	.0
1	1200	145	0.	.0	.0 *	3	1935	812	0.	.0	.0 *	6	03101479	0.	.0	.0
1	1205	146	0.	.0	.0 *	3	1940	813	0.	.0	.0 *	6	03151480	0.	.0	.0
1	1210	147	0.	.0	.0 *	3	1945	814	0.	.0	.0 *	6	03201481	0.	.0	.0
1	1215	148	0.	.0	.0 *	3	1950	815	0.	.0	.0 *	6	03251482	0.	.0	.0
1	1220	149	0.	.0	.0 *	3	1955	816	0.	.0	.0 *	6	03301483	0.	.0	.0
1	1225	150	0.	.0	.0 *	3	2000	817	0.	.0	.0 *	6	03351484	0.	.0	.0
1	1230	151	0.	.0	.0 *	3	2005	818	0.	.0	.0 *	6	03401485	0.	.0	.0
1	1235	152	0.	.0	.0 *	3	2010	819	0.	.0	.0 *	6	03451486	0.	.0	.0
1	1240	153	0.	.0	.0 *	3	2015	820	0.	.0	.0 *	6	03501487	0.	.0	.0
1	1245	154	0.	.0	.0 *	3	2020	821	0.	.0	.0 *	6	03551488	0.	.0	.0
1	1250	155	0.	.0	.0 *	3	2025	822	0.	.0	.0 *	6	04001489	0.	.0	.0
1	1255	156	0.	.0	.0 *	3	2030	823	0.	.0	.0 *	6	04051490	0.	.0	.0
1	1300	157	0.	.0	.0 *	3	2035	824	0.	.0	.0 *	6	04101491	0.	.0	.0
1	1305	158	0.	.0	.0 *	3	2040	825	0.	.0	.0 *	6	04151492	0.	.0	.0
1	1310	159	0.	.0	.0 *	3	2045	826	0.	.0	.0 *	6	04201493	0.	.0	.0
1	1315	160	0.	.0	.0 *	3	2050	827	0.	.0	.0 *	6	04251494	0.	.0	.0
1	1320	161	0.	.0	.0 *	3	2055	828	0.	.0	.0 *	6	04301495	0.	.0	.0
1	1325	162	0.	.0	.0 *	3	2100	829	0.	.0	.0 *	6	04351496	0.	.0	.0
1	1330	163	0.	.0	.0 *	3	2105	830	0.	.0	.0 *	6	04401497	0.	.0	.0
1	1335	164	0.	.0	.0 *	3	2110	831	0.	.0	.0 *	6	04451498	0.	.0	.0
1	1340	165	0.	.0	.0 *	3	2115	832	0.	.0	.0 *	6	04501499	0.	.0	.0
1	1345	166	0.	.0	.0 *	3	2120	833	0.	.0	.0 *	6	04551500	0.	.0	.0
1	1350	167	0.	.0	.0 *	3	2125	834	0.	.0	.0 *	6	05001501	0.	.0	.0
1	1355	168	0.	.0	.0 *	3	2130	835	0.	.0	.0 *	6	05051502	0.	.0	.0
1	1400	169	0.	.0	.0 *	3	2135	836	0.	.0	.0 *	6	05101503	0.	.0	.0
1	1405	170	0.	.0	.0 *	3	2140	837	0.	.0	.0 *	6	05151504	0.	.0	.0
1	1410	171	0.	.0	.0 *	3	2145	838	0.	.0	.0 *	6	05201505	0.	.0	.0
1	1415	172	0.	.0	.0 *	3	2150	839	0.	.0	.0 *	6	05251506	0.	.0	.0
1	1420	173	0.	.0	.0 *	3	2155	840	0.	.0	.0 *	6	05301507	0.	.0	.0
1	1425	174	0.	.0	.0 *	3	2200	841	0.	.0	.0 *	6	05351508	0.	.0	.0
1	1430	175	0.	.0	.0 *	3	2205	842	0.	.0	.0 *	6	05401509	0.	.0	.0
1	1435	176	0.	.0	.0 *	3	2210	843	0.	.0	.0 *	6	05451510	0.	.0	.0
1	1440	177	0.	.0	.0 *	3	2215	844	0.	.0	.0 *	6	05501511	0.	.0	.0
1	1445	178	0.	.0	.0 *	3	2220	845	0.	.0	.0 *	6	05551512	0.	.0	.0
1	1450	179	0.	.0	.0 *	3	2225	846	0.	.0	.0 *	6	06001513	0.	.0	.0
1	1455	180	0.	.0	.0 *	3	2230	847	0.	.0	.0 *	6	06051514	0.	.0	.0
1	1500	181	0.	.0	.0 *	3	2235	848	0.	.0	.0 *	6	06101515	0.	.0	.0
1	1505	182	0.	.0	.0 *	3	2240	849	0.	.0	.0 *	6	06151516	0.	.0	.0
1	1510	183	0.	.0	.0 *	3	2245	850	0.	.0	.0 *	6	06201517	0.	.0	.0
1	1515	184	0.	.0	.0 *	3	2250	851	0.	.0	.0 *	6	06251518	0.	.0	.0
1	1520	185	0.	.0	.0 *	3	2255	852	0.	.0	.0 *	6	06301519	0.	.0	.0
1	1525	186	0.	.0	.0 *	3	2300	853	0.	.0	.0 *	6	06351520	0.	.0	.0
1	1530	187	0.	.0	.0 *	3	2305	854	0.	.0	.0 *	6	06401521	0.	.0	.0
1	1535	188	0.	.0	.0 *	3	2310	855	0.	.0	.0 *	6	06451522	0.	.0	.0
1	1540	189	0.	.0	.0 *	3	2315	856	0.	.0	.0 *	6	06501523	0.	.0	.0
1	1545	190	0.	.0	.0 *	3	2320	857	0.	.0	.0 *	6	06551524	0.	.0	.0
1	1550	191	0.	.0	.0 *	3	2325	858	0.	.0	.0 *	6	07001525	0.	.0	.0
1	1555	192	0.	.0	.0 *	3	2330	859	0.	.0	.0 *	6	07051526	0.	.0	.0
1	1600	193	0.	.0	.0 *	3	2335	860	0.	.0	.0 *	6	07101527	0.	.0	.0
1	1605	194	0.	.0	.0 *	3	2340	861	0.	.0	.0 *	6	07151528	0.	.0	.0
1	1610	195	0.	.0	.0 *	3	2345	862	0.	.0	.0 *	6	07201529	0.	.0	.0
1	1615	196	0.	.0	.0 *	3	2350	863	0.	.0	.0 *	6	07251530	0.	.0	.0
1	1620	197	0.	.0	.0 *	3	2355	864	0.	.0	.0 *	6	07301531	0.	.0	.0
1	1625	198	0.	.0	.0 *	4	0000	865	0.	.0	.0 *	6	07351532	0.	.0	.0
1	1630	199	0.	.0	.0 *	4	0005	866	0.	.0	.0 *	6	07401533	0.	.0	.0
1	1635	200	0.	.0	.0 *	4	0010	867	0.	.0	.0 *	6	07451534	0.	.0	.0
1	1640	201	0.	.0	.0 *	4	0015	868	0.	.0	.0 *	6	07501535	0.	.0	.0
1	1645	202	0.	.0	.0 *	4	0020	869	0.	.0	.0 *	6	07551536	0.	.0	.0
1	1650	203	0.	.0	.0 *	4	0025	870	0.	.0	.0 *	6	08001537	0.	.0	.0
1	1655	204	0.	.0	.0 *	4	0030	871	0.	.0	.0 *	6	08051538	0.	.0	.0
1	1700	205	0.	.0	.0 *	4	0035	872	0.	.0	.0 *	6	08101539	0.	.0	.0
1	1705	206	0.	.0	.0 *	4	0040	873	0.	.0	.0 *	6	08151540	0.	.0	.0
1	1710	207	0.	.0	.0 *	4	0045	874	0.	.0	.0 *	6	08201541	0.	.0	.0
1	1715	208	0.	.0	.0 *	4	0050	875	0.	.0	.0 *	6	08251542	0.	.0	.0
1	1720	209	0.	.0	.0 *	4	0055	876	0.	.0	.0 *	6	08301543	0.	.0	.0
1	1725	210	0.	.0	.0 *	4	0100	877	0.	.0	.0 *	6	08351544	0.	.0	.0
1	1730	211	0.	.0	.0 *	4	0105	878	0.	.0	.0 *	6	08401545	0.	.0	.0
1	1735	212	0.	.0	.0 *	4	0110	879	0.	.0	.0 *	6	08451546	0.	.0	.0
1	1740	213	0.	.0	.0 *	4	0115	880	0.	.0	.0 *	6	08501547	0.	.0	.0
1	1745	214	0.	.0	.0 *	4	0120	881	0.	.0	.0 *	6	08551548	0.	.0	.0
1	1750	215	0.	.0	.0 *	4	0125	882	0.	.0	.0 *	6	09001549	0.	.0	.0
1	1755	216	0.	.0	.0 *	4	0130	883	0.	.0	.0 *	6	09051550	0.	.0	.0
1	1800	217	0.	.0	.0 *	4	0135	884	0.	.0	.0 *	6	09101551	0.	.0	.0
1	1805	218	0.	.0	.0 *	4	0140	885	0.	.0	.0 *	6	09151552	0.	.0	.0
1	1810	219	0.	.0	.0 *	4	0145	886	0.	.0	.0 *	6	09201553	0.	.0	.0
1	1815	220	0.	.0	.0 *	4	0150	887	0.	.0	.0 *	6	09251554	0.	.0	.0
1	1820	221	0.	.0	.0 *	4	0155	888	0.	.0	.0 *	6	09301555	0.	.0	.0
1	1825	222	0.	.0	.0 *	4	0200	889	0.	.0	.0 *	6	09351556	0.	.0	.0
1	1830	223	0.	.0	.0 *	4	0205	890	0.	.0	.0 *	6	09401557	0.	.0	.0
1	1835	224	0.	.0	.0 *	4	0210	891	0.	.0	.0 *	6	09451558	0.	.0	.0
1	1840	225	0.	.0	.0 *	4	0215	892	0.	.0	.0 *	6	09501559	0.	.0	.0
1	1845	226	0.	.0	.0 *	4	0220	893	0.	.0	.0 *	6	09551560	0.	.0	.0
1	1850	227	0.	.0	.0 *	4	0225	894	0.	.0	.0 *	6	10001561	0.	.0	.0
1	1855	228	0.	.0	.0 *	4	0230	895	0.	.0	.0 *	6	10051562	0.	.0	.0

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1	1900	229	0.	.0	.0	*	4	0235	896	0.	.0	.0	*	6	10101563	0.	.0	.0		
1	1905	230	0.	.0	.0	*	4	0240	897	0.	.0	.0	*	6	10151564	0.	.0	.0		
1	1910	231	0.	.0	.0	*	4	0245	898	0.	.0	.0	*	6	10201565	0.	.0	.0		
1	1915	232	0.	.0	.0	*	4	0250	899	0.	.0	.0	*	6	10251566	0.	.0	.0		
1	1920	233	0.	.0	.0	*	4	0255	900	0.	.0	.0	*	6	10301567	0.	.0	.0		
1	1925	234	0.	.0	.0	*	4	0300	901	0.	.0	.0	*	6	10351568	0.	.0	.0		
1	1930	235	0.	.0	.0	*	4	0305	902	0.	.0	.0	*	6	10401569	0.	.0	.0		
1	1935	236	0.	.0	.0	*	4	0310	903	0.	.0	.0	*	6	10451570	0.	.0	.0		
1	1940	237	0.	.0	.0	*	4	0315	904	0.	.0	.0	*	6	10501571	0.	.0	.0		
1	1945	238	0.	.0	.0	*	4	0320	905	0.	.0	.0	*	6	10551572	0.	.0	.0		
1	1950	239	0.	.0	.0	*	4	0325	906	0.	.0	.0	*	6	11001573	0.	.0	.0		
1	1955	240	0.	.0	.0	*	4	0330	907	0.	.0	.0	*	6	11051574	0.	.0	.0		
1	2000	241	0.	.0	.0	*	4	0335	908	0.	.0	.0	*	6	11101575	0.	.0	.0		
1	2005	242	0.	.0	.0	*	4	0340	909	0.	.0	.0	*	6	11151576	0.	.0	.0		
1	2010	243	0.	.0	.0	*	4	0345	910	0.	.0	.0	*	6	11201577	0.	.0	.0		
1	2015	244	0.	.0	.0	*	4	0350	911	0.	.0	.0	*	6	11251578	0.	.0	.0		
1	2020	245	0.	.0	.0	*	4	0355	912	0.	.0	.0	*	6	11301579	0.	.0	.0		
1	2025	246	0.	.0	.0	*	4	0400	913	0.	.0	.0	*	6	11351580	0.	.0	.0		
1	2030	247	0.	.0	.0	*	4	0405	914	0.	.0	.0	*	6	11401581	0.	.0	.0		
1	2035	248	0.	.0	.0	*	4	0410	915	0.	.0	.0	*	6	11451582	0.	.0	.0		
1	2040	249	0.	.0	.0	*	4	0415	916	0.	.0	.0	*	6	11501583	0.	.0	.0		
1	2045	250	0.	.0	.0	*	4	0420	917	0.	.0	.0	*	6	11551584	0.	.0	.0		
1	2050	251	0.	.0	.0	*	4	0425	918	0.	.0	.0	*	6	12001585	0.	.0	.0		
1	2055	252	0.	.0	.0	*	4	0430	919	0.	.0	.0	*	6	12051586	0.	.0	.0		
1	2100	253	0.	.0	.0	*	4	0435	920	0.	.0	.0	*	6	12101587	0.	.0	.0		
1	2105	254	0.	.0	.0	*	4	0440	921	0.	.0	.0	*	6	12151588	0.	.0	.0		
1	2110	255	0.	.0	.0	*	4	0445	922	0.	.0	.0	*	6	12201589	0.	.0	.0		
1	2115	256	0.	.0	.0	*	4	0450	923	0.	.0	.0	*	6	12251590	0.	.0	.0		
1	2120	257	0.	.0	.0	*	4	0455	924	0.	.0	.0	*	6	12301591	0.	.0	.0		
1	2125	258	0.	.0	.0	*	4	0500	925	0.	.0	.0	*	6	12351592	0.	.0	.0		
1	2130	259	0.	.0	.0	*	4	0505	926	0.	.0	.0	*	6	12401593	0.	.0	.0		
1	2135	260	0.	.0	.0	*	4	0510	927	0.	.0	.0	*	6	12451594	0.	.0	.0		
1	2140	261	0.	.0	.0	*	4	0515	928	0.	.0	.0	*	6	12501595	0.	.0	.0		
1	2145	262	0.	.0	.0	*	4	0520	929	0.	.0	.0	*	6	12551596	0.	.0	.0		
1	2150	263	0.	.0	.0	*	4	0525	930	0.	.0	.0	*	6	13001597	0.	.0	.0		
1	2155	264	0.	.0	.0	*	4	0530	931	0.	.0	.0	*	6	13051598	0.	.0	.0		
1	2200	265	0.	.0	.0	*	4	0535	932	0.	.0	.0	*	6	13101599	0.	.0	.0		
1	2205	266	0.	.0	.0	*	4	0540	933	0.	.0	.0	*	6	13151600	0.	.0	.0		
1	2210	267	0.	.0	.0	*	4	0545	934	0.	.0	.0	*	6	13201601	0.	.0	.0		
1	2215	268	0.	.0	.0	*	4	0550	935	0.	.0	.0	*	6	13251602	0.	.0	.0		
1	2220	269	0.	.0	.0	*	4	0555	936	0.	.0	.0	*	6	13301603	0.	.0	.0		
1	2225	270	0.	.0	.0	*	4	0600	937	0.	.0	.0	*	6	13351604	0.	.0	.0		
1	2230	271	0.	.0	.0	*	4	0605	938	0.	.0	.0	*	6	13401605	0.	.0	.0		
1	2235	272	0.	.0	.0	*	4	0610	939	0.	.0	.0	*	6	13451606	0.	.0	.0		
1	2240	273	0.	.0	.0	*	4	0615	940	0.	.0	.0	*	6	13501607	0.	.0	.0		
1	2245	274	0.	.0	.0	*	4	0620	941	0.	.0	.0	*	6	13551608	0.	.0	.0		
1	2250	275	0.	.0	.0	*	4	0625	942	0.	.0	.0	*	6	14001609	0.	.0	.0		
1	2255	276	0.	.0	.0	*	4	0630	943	0.	.0	.0	*	6	14051610	0.	.0	.0		
1	2300	277	0.	.0	.0	*	4	0635	944	0.	.0	.0	*	6	14101611	0.	.0	.0		
1	2305	278	0.	.0	.0	*	4	0640	945	0.	.0	.0	*	6	14151612	0.	.0	.0		
1	2310	279	0.	.0	.0	*	4	0645	946	0.	.0	.0	*	6	14201613	0.	.0	.0		
1	2315	280	0.	.0	.0	*	4	0650	947	0.	.0	.0	*	6	14251614	0.	.0	.0		
1	2320	281	0.	.0	.0	*	4	0655	948	0.	.0	.0	*	6	14301615	0.	.0	.0		
1	2325	282	0.	.0	.0	*	4	0700	949	0.	.0	.0	*	6	14351616	0.	.0	.0		
1	2330	283	0.	.0	.0	*	4	0705	950	0.	.0	.0	*	6	14401617	0.	.0	.0		
1	2335	284	0.	.0	.0	*	4	0710	951	0.	.0	.0	*	6	14451618	0.	.0	.0		
1	2340	285	0.	.0	.0	*	4	0715	952	0.	.0	.0	*	6	14501619	0.	.0	.0		
1	2345	286	0.	.0	.0	*	4	0720	953	0.	.0	.0	*	6	14551620	0.	.0	.0		
1	2350	287	0.	.0	.0	*	4	0725	954	0.	.0	.0	*	6	15001621	0.	.0	.0		
1	2355	288	0.	.0	.0	*	4	0730	955	0.	.0	.0	*	6	15051622	0.	.0	.0		
2	0000	289	0.	.0	.0	*	4	0735	956	0.	.0	.0	*	6	15101623	0.	.0	.0		
2	0005	290	0.	.0	.0	*	4	0740	957	0.	.0	.0	*	6	15151624	0.	.0	.0		
2	0010	291	0.	.0	.0	*	4	0745	958	0.	.0	.0	*	6	15201625	0.	.0	.0		
2	0015	292	0.	.0	.0	*	4	0750	959	0.	.0	.0	*	6	15251626	0.	.0	.0		
2	0020	293	0.	.0	.0	*	4	0755	960	0.	.0	.0	*	6	15301627	0.	.0	.0		
2	0025	294	0.	.0	.0	*	4	0800	961	0.	.0	.0	*	6	15351628	0.	.0	.0		
2	0030	295	0.	.0	.0	*	4	0805	962	0.	.0	.0	*	6	15401629	0.	.0	.0		
2	0035	296	0.	.0	.0	*	4	0810	963	0.	.0	.0	*	6	15451630	0.	.0	.0		
2	0040	297	0.	.0	.0	*	4	0815	964	0.	.0	.0	*	6	15501631	0.	.0	.0		
2	0045	298	0.	.0	.0	*	4	0820	965	0.	.0	.0	*	6	15551632	0.	.0	.0		
2	0050	299	0.	.0	.0	*	4	0825	966	0.	.0	.0	*	6	16001633	0.	.0	.0		
2	0055	300	0.	.0	.0	*	4	0830	967	0.	.0	.0	*	6	16051634	0.	.0	.0		
2	0100	301	0.	.0	.0	*	4	0835	968	0.	.0	.0	*	6	16101635	0.	.0	.0		
2	0105	302	0.	.0	.0	*	4	0840	969	0.	.0	.0	*	6	16151636	0.	.0	.0		
2	0110	303	0.	.0	.0	*	4	0845	970	0.	.0	.0	*	6	16201637	0.	.0	.0		
2	0115	304	0.	.0	.0	*	4	0850	971	0.	.0	.0	*	6	16251638	0.	.0	.0		
2	0120	305	0.	.0	.0	*	4	0855	972	0.	.0	.0	*	6	16301639	0.	.0	.0		
2	0125	306	0.	.0	.0	*	4	0900	973	0.	.0	.0	*	6	16351640	0.	.0	.0		
2	0130	307	0.	.0	.0	*	4	0905	974	0.	.0	.0	*	6	16401641	0.	.0	.0		
2	0135	308	0.	.0	.0	*	4	0910	975	0.	.0	.0	*	6	16451642	0.	.0	.0		
2	0140	309	0.	.0	.0	*	4	0915	976	0.	.0	.0	*	6	16501643	0.	.0	.0		
2	0145	310	0.	.0	.0	*	4	0920	977	0.	.0	.0	*	6	16551644	0.	.0	.0		
2	0150	311	0.	.0	.0	*	4	0925	978	0.	.0	.0	*	6	17001645	0.	.0	.0		
2	0155	312	0.	.0	.0	*	4	0930	979	0.	.0	.0	*	6	17051646	0.	.0	.0		
2	0200	313	0.	.0	.0	*	4	0935	980	0.	.0	.0	*	6	17101647	0.	.0	.0		
2	0205	314	0.	.0	.0	*	4	0940	981	0.	.0	.0	*	6	17151648	0.	.0	.0		
2	0210	315	0.	.0	.0	*	4	0945	982	0.	.0	.0	*	6	17201649	0.	.0	.0		
2	0215	316	0.	.0	.0	*	4	0950	983	0.	.0	.0	*	6	17251650	0.	.0	.0		
2	0220	317	0.	.0	.0	*	4	0955	984	0.	.0	.0	*	6	17301651	0.	.0	.0		

									ULT					
2	0225	318	0.	.0	.0 *	4	1000 985	0.	.0	.0 *	6	17351652	0.	.0	.0
2	0230	319	0.	.0	.0 *	4	1005 986	0.	.0	.0 *	6	17401653	0.	.0	.0
2	0235	320	0.	.0	.0 *	4	1010 987	0.	.0	.0 *	6	17451654	0.	.0	.0
2	0240	321	0.	.0	.0 *	4	1015 988	0.	.0	.0 *	6	17501655	0.	.0	.0
2	0245	322	0.	.0	.0 *	4	1020 989	0.	.0	.0 *	6	17551656	0.	.0	.0
2	0250	323	0.	.0	.0 *	4	1025 990	0.	.0	.0 *	6	18001657	0.	.0	.0
2	0255	324	0.	.0	.0 *	4	1030 991	0.	.0	.0 *	6	18051658	0.	.0	.0
2	0300	325	0.	.0	.0 *	4	1035 992	0.	.0	.0 *	6	18101659	0.	.0	.0
2	0305	326	0.	.0	.0 *	4	1040 993	0.	.0	.0 *	6	18151660	0.	.0	.0
2	0310	327	0.	.0	.0 *	4	1045 994	0.	.0	.0 *	6	18201661	0.	.0	.0
2	0315	328	0.	.0	.0 *	4	1050 995	0.	.0	.0 *	6	18251662	0.	.0	.0
2	0320	329	0.	.0	.0 *	4	1055 996	0.	.0	.0 *	6	18301663	0.	.0	.0
2	0325	330	0.	.0	.0 *	4	1100 997	0.	.0	.0 *	6	18351664	0.	.0	.0
2	0330	331	0.	.0	.0 *	4	1105 998	0.	.0	.0 *	6	18401665	0.	.0	.0
2	0335	332	0.	.0	.0 *	4	1110 999	0.	.0	.0 *	6	18451666	0.	.0	.0
2	0340	333	0.	.0	.0 *	4	11151000	0.	.0	.0 *	6	18501667	0.	.0	.0
2	0345	334	0.	.0	.0 *	4	11201001	0.	.0	.0 *	6	18551668	0.	.0	.0
2	0350	335	0.	.0	.0 *	4	11251002	0.	.0	.0 *	6	19001669	0.	.0	.0
2	0355	336	0.	.0	.0 *	4	11301003	0.	.0	.0 *	6	19051670	0.	.0	.0
2	0400	337	0.	.0	.0 *	4	11351004	0.	.0	.0 *	6	19101671	0.	.0	.0
2	0405	338	0.	.0	.0 *	4	11401005	0.	.0	.0 *	6	19151672	0.	.0	.0
2	0410	339	0.	.0	.0 *	4	11451006	0.	.0	.0 *	6	19201673	0.	.0	.0
2	0415	340	0.	.0	.0 *	4	11501007	0.	.0	.0 *	6	19251674	0.	.0	.0
2	0420	341	0.	.0	.0 *	4	11551008	0.	.0	.0 *	6	19301675	0.	.0	.0
2	0425	342	0.	.0	.0 *	4	12001009	0.	.0	.0 *	6	19351676	0.	.0	.0
2	0430	343	0.	.0	.0 *	4	12051010	0.	.0	.0 *	6	19401677	0.	.0	.0
2	0435	344	0.	.0	.0 *	4	12101011	0.	.0	.0 *	6	19451678	0.	.0	.0
2	0440	345	0.	.0	.0 *	4	12151012	0.	.0	.0 *	6	19501679	0.	.0	.0
2	0445	346	0.	.0	.0 *	4	12201013	0.	.0	.0 *	6	19551680	0.	.0	.0
2	0450	347	0.	.0	.0 *	4	12251014	0.	.0	.0 *	6	20001681	0.	.0	.0
2	0455	348	0.	.0	.0 *	4	12301015	0.	.0	.0 *	6	20051682	0.	.0	.0
2	0500	349	0.	.0	.0 *	4	12351016	0.	.0	.0 *	6	20101683	0.	.0	.0
2	0505	350	0.	.0	.0 *	4	12401017	0.	.0	.0 *	6	20151684	0.	.0	.0
2	0510	351	0.	.0	.0 *	4	12451018	0.	.0	.0 *	6	20201685	0.	.0	.0
2	0515	352	0.	.0	.0 *	4	12501019	0.	.0	.0 *	6	20251686	0.	.0	.0
2	0520	353	0.	.0	.0 *	4	12551020	0.	.0	.0 *	6	20301687	0.	.0	.0
2	0525	354	0.	.0	.0 *	4	13001021	0.	.0	.0 *	6	20351688	0.	.0	.0
2	0530	355	0.	.0	.0 *	4	13051022	0.	.0	.0 *	6	20401689	0.	.0	.0
2	0535	356	0.	.0	.0 *	4	13101023	0.	.0	.0 *	6	20451690	0.	.0	.0
2	0540	357	0.	.0	.0 *	4	13151024	0.	.0	.0 *	6	20501691	0.	.0	.0
2	0545	358	0.	.0	.0 *	4	13201025	0.	.0	.0 *	6	20551692	0.	.0	.0
2	0550	359	0.	.0	.0 *	4	13251026	0.	.0	.0 *	6	21001693	0.	.0	.0
2	0555	360	0.	.0	.0 *	4	13301027	0.	.0	.0 *	6	21051694	0.	.0	.0
2	0600	361	0.	.0	.0 *	4	13351028	0.	.0	.0 *	6	21101695	0.	.0	.0
2	0605	362	0.	.0	.0 *	4	13401029	0.	.0	.0 *	6	21151696	0.	.0	.0
2	0610	363	0.	.0	.0 *	4	13451030	0.	.0	.0 *	6	21201697	0.	.0	.0
2	0615	364	0.	.0	.0 *	4	13501031	0.	.0	.0 *	6	21251698	0.	.0	.0
2	0620	365	0.	.0	.0 *	4	13551032	0.	.0	.0 *	6	21301699	0.	.0	.0
2	0625	366	0.	.0	.0 *	4	14001033	0.	.0	.0 *	6	21351700	0.	.0	.0
2	0630	367	0.	.0	.0 *	4	14051034	0.	.0	.0 *	6	21401701	0.	.0	.0
2	0635	368	0.	.0	.0 *	4	14101035	0.	.0	.0 *	6	21451702	0.	.0	.0
2	0640	369	0.	.0	.0 *	4	14151036	0.	.0	.0 *	6	21501703	0.	.0	.0
2	0645	370	0.	.0	.0 *	4	14201037	0.	.0	.0 *	6	21551704	0.	.0	.0
2	0650	371	0.	.0	.0 *	4	14251038	0.	.0	.0 *	6	22001705	0.	.0	.0
2	0655	372	0.	.0	.0 *	4	14301039	0.	.0	.0 *	6	22051706	0.	.0	.0
2	0700	373	0.	.0	.0 *	4	14351040	0.	.0	.0 *	6	22101707	0.	.0	.0
2	0705	374	0.	.0	.0 *	4	14401041	0.	.0	.0 *	6	22151708	0.	.0	.0
2	0710	375	0.	.0	.0 *	4	14451042	0.	.0	.0 *	6	22201709	0.	.0	.0
2	0715	376	0.	.0	.0 *	4	14501043	0.	.0	.0 *	6	22251710	0.	.0	.0
2	0720	377	0.	.0	.0 *	4	14551044	0.	.0	.0 *	6	22301711	0.	.0	.0
2	0725	378	0.	.0	.0 *	4	15001045	0.	.0	.0 *	6	22351712	0.	.0	.0
2	0730	379	0.	.0	.0 *	4	15051046	0.	.0	.0 *	6	22401713	0.	.0	.0
2	0735	380	0.	.0	.0 *	4	15101047	0.	.0	.0 *	6	22451714	0.	.0	.0
2	0740	381	0.	.0	.0 *	4	15151048	0.	.0	.0 *	6	22501715	0.	.0	.0
2	0745	382	0.	.0	.0 *	4	15201049	0.	.0	.0 *	6	22551716	0.	.0	.0
2	0750	383	0.	.0	.0 *	4	15251050	0.	.0	.0 *	6	23001717	0.	.0	.0
2	0755	384	0.	.0	.0 *	4	15301051	0.	.0	.0 *	6	23051718	0.	.0	.0
2	0800	385	0.	.0	.0 *	4	15351052	0.	.0	.0 *	6	23101719	0.	.0	.0
2	0805	386	0.	.0	.0 *	4	15401053	0.	.0	.0 *	6	23151720	0.	.0	.0
2	0810	387	0.	.0	.0 *	4	15451054	0.	.0	.0 *	6	23201721	0.	.0	.0
2	0815	388	0.	.0	.0 *	4	15501055	0.	.0	.0 *	6	23251722	0.	.0	.0
2	0820	389	0.	.0	.0 *	4	15551056	0.	.0	.0 *	6	23301723	0.	.0	.0
2	0825	390	0.	.0	.0 *	4	16001057	0.	.0	.0 *	6	23351724	0.	.0	.0
2	0830	391	0.	.0	.0 *	4	16051058	0.	.0	.0 *	6	23401725	0.	.0	.0
2	0835	392	0.	.0	.0 *	4	16101059	0.	.0	.0 *	6	23451726	0.	.0	.0
2	0840	393	0.	.0	.0 *	4	16151060	0.	.0	.0 *	6	23501727	0.	.0	.0
2	0845	394	0.	.0	.0 *	4	16201061	0.	.0	.0 *	6	23551728	0.	.0	.0
2	0850	395	0.	.0	.0 *	4	16251062	0.	.0	.0 *	7	00001729	0.	.0	.0
2	0855	396	0.	.0	.0 *	4	16301063	0.	.0	.0 *	7	00051730	0.	.0	.0
2	0900	397	0.	.0	.0 *	4	16351064	0.	.0	.0 *	7	00101731	0.	.0	.0
2	0905	398	0.	.0	.0 *	4	16401065	0.	.0	.0 *	7	00151732	0.	.0	.0
2	0910	399	0.	.0	.0 *	4	16451066	0.	.0	.0 *	7	00201733	0.	.0	.0
2	0915	400	0.	.0	.0 *	4	16501067	0.	.0	.0 *	7	00251734	0.	.0	.0
2	0920	401	0.	.0	.0 *	4	16551068	0.	.0	.0 *	7	00301735	0.	.0	.0
2	0925	402	0.	.0	.0 *	4	17001069	0.	.0	.0 *	7	00351736	0.	.0	.0
2	0930	403	0.	.0	.0 *	4	17051070	0.	.0	.0 *	7	00401737	0.	.0	.0
2	0935	404	0.	.0	.0 *	4	17101071	0.	.0	.0 *	7	00451738	0.	.0	.0
2	0940	405	0.	.0	.0 *	4	17151072	0.	.0	.0 *	7	00501739	0.	.0	.0
2	0945	406	0.	.0	.0 *	4	17201073	0.	.0	.0 *	7	00551740	0.	.0	.0

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2	0950	407	0.	.0	.0 *	4	17251074	0.	.0	.0 *	7	01001741	0.	.0	.0
2	0955	408	0.	.0	.0 *	4	17301075	0.	.0	.0 *	7	01051742	0.	.0	.0
2	1000	409	0.	.0	.0 *	4	17351076	0.	.0	.0 *	7	01101743	0.	.0	.0
2	1005	410	0.	.0	.0 *	4	17401077	0.	.0	.0 *	7	01151744	0.	.0	.0
2	1010	411	0.	.0	.0 *	4	17451078	0.	.0	.0 *	7	01201745	0.	.0	.0
2	1015	412	0.	.0	.0 *	4	17501079	0.	.0	.0 *	7	01251746	0.	.0	.0
2	1020	413	0.	.0	.0 *	4	17551080	0.	.0	.0 *	7	01301747	0.	.0	.0
2	1025	414	0.	.0	.0 *	4	18001081	0.	.0	.0 *	7	01351748	0.	.0	.0
2	1030	415	0.	.0	.0 *	4	18051082	0.	.0	.0 *	7	01401749	0.	.0	.0
2	1035	416	0.	.0	.0 *	4	18101083	0.	.0	.0 *	7	01451750	0.	.0	.0
2	1040	417	0.	.0	.0 *	4	18151084	0.	.0	.0 *	7	01501751	0.	.0	.0
2	1045	418	0.	.0	.0 *	4	18201085	0.	.0	.0 *	7	01551752	0.	.0	.0
2	1050	419	0.	.0	.0 *	4	18251086	0.	.0	.0 *	7	02001753	0.	.0	.0
2	1055	420	0.	.0	.0 *	4	18301087	0.	.0	.0 *	7	02051754	0.	.0	.0
2	1100	421	0.	.0	.0 *	4	18351088	0.	.0	.0 *	7	02101755	0.	.0	.0
2	1105	422	0.	.0	.0 *	4	18401089	0.	.0	.0 *	7	02151756	0.	.0	.0
2	1110	423	0.	.0	.0 *	4	18451090	0.	.0	.0 *	7	02201757	0.	.0	.0
2	1115	424	0.	.0	.0 *	4	18501091	0.	.0	.0 *	7	02251758	0.	.0	.0
2	1120	425	0.	.0	.0 *	4	18551092	0.	.0	.0 *	7	02301759	0.	.0	.0
2	1125	426	0.	.0	.0 *	4	19001093	0.	.0	.0 *	7	02351760	0.	.0	.0
2	1130	427	0.	.0	.0 *	4	19051094	0.	.0	.0 *	7	02401761	0.	.0	.0
2	1135	428	0.	.0	.0 *	4	19101095	0.	.0	.0 *	7	02451762	0.	.0	.0
2	1140	429	0.	.0	.0 *	4	19151096	0.	.0	.0 *	7	02501763	0.	.0	.0
2	1145	430	0.	.0	.0 *	4	19201097	0.	.0	.0 *	7	02551764	0.	.0	.0
2	1150	431	0.	.0	.0 *	4	19251098	0.	.0	.0 *	7	03001765	0.	.0	.0
2	1155	432	0.	.0	.0 *	4	19301099	0.	.0	.0 *	7	03051766	0.	.0	.0
2	1200	433	0.	.0	.0 *	4	19351100	0.	.0	.0 *	7	03101767	0.	.0	.0
2	1205	434	0.	.0	.0 *	4	19401101	0.	.0	.0 *	7	03151768	0.	.0	.0
2	1210	435	0.	.0	.0 *	4	19451102	0.	.0	.0 *	7	03201769	0.	.0	.0
2	1215	436	0.	.0	.0 *	4	19501103	0.	.0	.0 *	7	03251770	0.	.0	.0
2	1220	437	0.	.0	.0 *	4	19551104	0.	.0	.0 *	7	03301771	0.	.0	.0
2	1225	438	0.	.0	.0 *	4	20001105	0.	.0	.0 *	7	03351772	0.	.0	.0
2	1230	439	0.	.0	.0 *	4	20051106	0.	.0	.0 *	7	03401773	0.	.0	.0
2	1235	440	0.	.0	.0 *	4	20101107	0.	.0	.0 *	7	03451774	0.	.0	.0
2	1240	441	0.	.0	.0 *	4	20151108	0.	.0	.0 *	7	03501775	0.	.0	.0
2	1245	442	0.	.0	.0 *	4	20201109	0.	.0	.0 *	7	03551776	0.	.0	.0
2	1250	443	0.	.0	.0 *	4	20251110	0.	.0	.0 *	7	04001777	0.	.0	.0
2	1255	444	0.	.0	.0 *	4	20301111	0.	.0	.0 *	7	04051778	0.	.0	.0
2	1300	445	0.	.0	.0 *	4	20351112	0.	.0	.0 *	7	04101779	0.	.0	.0
2	1305	446	0.	.0	.0 *	4	20401113	0.	.0	.0 *	7	04151780	0.	.0	.0
2	1310	447	0.	.0	.0 *	4	20451114	0.	.0	.0 *	7	04201781	0.	.0	.0
2	1315	448	0.	.0	.0 *	4	20501115	0.	.0	.0 *	7	04251782	0.	.0	.0
2	1320	449	0.	.0	.0 *	4	20551116	0.	.0	.0 *	7	04301783	0.	.0	.0
2	1325	450	0.	.0	.0 *	4	21001117	0.	.0	.0 *	7	04351784	0.	.0	.0
2	1330	451	0.	.0	.0 *	4	21051118	0.	.0	.0 *	7	04401785	0.	.0	.0
2	1335	452	0.	.0	.0 *	4	21101119	0.	.0	.0 *	7	04451786	0.	.0	.0
2	1340	453	0.	.0	.0 *	4	21151120	0.	.0	.0 *	7	04501787	0.	.0	.0
2	1345	454	0.	.0	.0 *	4	21201121	0.	.0	.0 *	7	04551788	0.	.0	.0
2	1350	455	0.	.0	.0 *	4	21251122	0.	.0	.0 *	7	05001789	0.	.0	.0
2	1355	456	0.	.0	.0 *	4	21301123	0.	.0	.0 *	7	05051790	0.	.0	.0
2	1400	457	0.	.0	.0 *	4	21351124	0.	.0	.0 *	7	05101791	0.	.0	.0
2	1405	458	0.	.0	.0 *	4	21401125	0.	.0	.0 *	7	05151792	0.	.0	.0
2	1410	459	0.	.0	.0 *	4	21451126	0.	.0	.0 *	7	05201793	0.	.0	.0
2	1415	460	0.	.0	.0 *	4	21501127	0.	.0	.0 *	7	05251794	0.	.0	.0
2	1420	461	0.	.0	.0 *	4	21551128	0.	.0	.0 *	7	05301795	0.	.0	.0
2	1425	462	0.	.0	.0 *	4	22001129	0.	.0	.0 *	7	05351796	0.	.0	.0
2	1430	463	0.	.0	.0 *	4	22051130	0.	.0	.0 *	7	05401797	0.	.0	.0
2	1435	464	0.	.0	.0 *	4	22101131	0.	.0	.0 *	7	05451798	0.	.0	.0
2	1440	465	0.	.0	.0 *	4	22151132	0.	.0	.0 *	7	05501799	0.	.0	.0
2	1445	466	0.	.0	.0 *	4	22201133	0.	.0	.0 *	7	05551800	0.	.0	.0
2	1450	467	0.	.0	.0 *	4	22251134	0.	.0	.0 *	7	06001801	0.	.0	.0
2	1455	468	0.	.0	.0 *	4	22301135	0.	.0	.0 *	7	06051802	0.	.0	.0
2	1500	469	0.	.0	.0 *	4	22351136	0.	.0	.0 *	7	06101803	0.	.0	.0
2	1505	470	0.	.0	.0 *	4	22401137	0.	.0	.0 *	7	06151804	0.	.0	.0
2	1510	471	0.	.0	.0 *	4	22451138	0.	.0	.0 *	7	06201805	0.	.0	.0
2	1515	472	0.	.0	.0 *	4	22501139	0.	.0	.0 *	7	06251806	0.	.0	.0
2	1520	473	0.	.0	.0 *	4	22551140	0.	.0	.0 *	7	06301807	0.	.0	.0
2	1525	474	0.	.0	.0 *	4	23001141	0.	.0	.0 *	7	06351808	0.	.0	.0
2	1530	475	0.	.0	.0 *	4	23051142	0.	.0	.0 *	7	06401809	0.	.0	.0
2	1535	476	0.	.0	.0 *	4	23101143	0.	.0	.0 *	7	06451810	0.	.0	.0
2	1540	477	0.	.0	.0 *	4	23151144	0.	.0	.0 *	7	06501811	0.	.0	.0
2	1545	478	0.	.0	.0 *	4	23201145	0.	.0	.0 *	7	06551812	0.	.0	.0
2	1550	479	0.	.0	.0 *	4	23251146	0.	.0	.0 *	7	07001813	0.	.0	.0
2	1555	480	0.	.0	.0 *	4	23301147	0.	.0	.0 *	7	07051814	0.	.0	.0
2	1600	481	0.	.0	.0 *	4	23351148	0.	.0	.0 *	7	07101815	0.	.0	.0
2	1605	482	0.	.0	.0 *	4	23401149	0.	.0	.0 *	7	07151816	0.	.0	.0
2	1610	483	0.	.0	.0 *	4	23451150	0.	.0	.0 *	7	07201817	0.	.0	.0
2	1615	484	0.	.0	.0 *	4	23501151	0.	.0	.0 *	7	07251818	0.	.0	.0
2	1620	485	0.	.0	.0 *	4	23551152	0.	.0	.0 *	7	07301819	0.	.0	.0
2	1625	486	0.	.0	.0 *	5	00001153	0.	.0	.0 *	7	07351820	0.	.0	.0
2	1630	487	0.	.0	.0 *	5	00051154	0.	.0	.0 *	7	07401821	0.	.0	.0
2	1635	488	0.	.0	.0 *	5	00101155	0.	.0	.0 *	7	07451822	0.	.0	.0
2	1640	489	0.	.0	.0 *	5	00151156	0.	.0	.0 *	7	07501823	0.	.0	.0
2	1645	490	0.	.0	.0 *	5	00201157	0.	.0	.0 *	7	07551824	0.	.0	.0
2	1650	491	0.	.0	.0 *	5	00251158	0.	.0	.0 *	7	08001825	0.	.0	.0
2	1655	492	0.	.0	.0 *	5	00301159	0.	.0	.0 *	7	08051826	0.	.0	.0
2	1700	493	0.	.0	.0 *	5	00351160	0.	.0	.0 *	7	08101827	0.	.0	.0
2	1705	494	0.	.0	.0 *	5	00401161	0.	.0	.0 *	7	08151828	0.	.0	.0
2	1710	495	0.	.0	.0 *	5	00451162	0.	.0	.0 *	7	08201829	0.	.0	.0

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2	1715	496	0.	.0	.0 * 5	00501163	0.	.0	.0 * 7	08251830	0.	.0	.0
2	1720	497	0.	.0	.0 * 5	00551164	0.	.0	.0 * 7	08301831	0.	.0	.0
2	1725	498	0.	.0	.0 * 5	01001165	0.	.0	.0 * 7	08351832	0.	.0	.0
2	1730	499	0.	.0	.0 * 5	01051166	0.	.0	.0 * 7	08401833	0.	.0	.0
2	1735	500	0.	.0	.0 * 5	01101167	0.	.0	.0 * 7	08451834	0.	.0	.0
2	1740	501	0.	.0	.0 * 5	01151168	0.	.0	.0 * 7	08501835	0.	.0	.0
2	1745	502	0.	.0	.0 * 5	01201169	0.	.0	.0 * 7	08551836	0.	.0	.0
2	1750	503	0.	.0	.0 * 5	01251170	0.	.0	.0 * 7	09001837	0.	.0	.0
2	1755	504	0.	.0	.0 * 5	01301171	0.	.0	.0 * 7	09051838	0.	.0	.0
2	1800	505	0.	.0	.0 * 5	01351172	0.	.0	.0 * 7	09101839	0.	.0	.0
2	1805	506	0.	.0	.0 * 5	01401173	0.	.0	.0 * 7	09151840	0.	.0	.0
2	1810	507	0.	.0	.0 * 5	01451174	0.	.0	.0 * 7	09201841	0.	.0	.0
2	1815	508	0.	.0	.0 * 5	01501175	0.	.0	.0 * 7	09251842	0.	.0	.0
2	1820	509	0.	.0	.0 * 5	01551176	0.	.0	.0 * 7	09301843	0.	.0	.0
2	1825	510	0.	.0	.0 * 5	02001177	0.	.0	.0 * 7	09351844	0.	.0	.0
2	1830	511	0.	.0	.0 * 5	02051178	0.	.0	.0 * 7	09401845	0.	.0	.0
2	1835	512	0.	.0	.0 * 5	02101179	0.	.0	.0 * 7	09451846	0.	.0	.0
2	1840	513	0.	.0	.0 * 5	02151180	0.	.0	.0 * 7	09501847	0.	.0	.0
2	1845	514	0.	.0	.0 * 5	02201181	0.	.0	.0 * 7	09551848	0.	.0	.0
2	1850	515	0.	.0	.0 * 5	02251182	0.	.0	.0 * 7	10001849	0.	.0	.0
2	1855	516	0.	.0	.0 * 5	02301183	0.	.0	.0 * 7	10051850	0.	.0	.0
2	1900	517	0.	.0	.0 * 5	02351184	0.	.0	.0 * 7	10101851	0.	.0	.0
2	1905	518	0.	.0	.0 * 5	02401185	0.	.0	.0 * 7	10151852	0.	.0	.0
2	1910	519	0.	.0	.0 * 5	02451186	0.	.0	.0 * 7	10201853	0.	.0	.0
2	1915	520	0.	.0	.0 * 5	02501187	0.	.0	.0 * 7	10251854	0.	.0	.0
2	1920	521	0.	.0	.0 * 5	02551188	0.	.0	.0 * 7	10301855	0.	.0	.0
2	1925	522	0.	.0	.0 * 5	03001189	0.	.0	.0 * 7	10351856	0.	.0	.0
2	1930	523	0.	.0	.0 * 5	03051190	0.	.0	.0 * 7	10401857	0.	.0	.0
2	1935	524	0.	.0	.0 * 5	03101191	0.	.0	.0 * 7	10451858	0.	.0	.0
2	1940	525	0.	.0	.0 * 5	03151192	0.	.0	.0 * 7	10501859	0.	.0	.0
2	1945	526	0.	.0	.0 * 5	03201193	0.	.0	.0 * 7	10551860	0.	.0	.0
2	1950	527	0.	.0	.0 * 5	03251194	0.	.0	.0 * 7	11001861	0.	.0	.0
2	1955	528	0.	.0	.0 * 5	03301195	0.	.0	.0 * 7	11051862	0.	.0	.0
2	2000	529	0.	.0	.0 * 5	03351196	0.	.0	.0 * 7	11101863	0.	.0	.0
2	2005	530	0.	.0	.0 * 5	03401197	0.	.0	.0 * 7	11151864	0.	.0	.0
2	2010	531	0.	.0	.0 * 5	03451198	0.	.0	.0 * 7	11201865	0.	.0	.0
2	2015	532	0.	.0	.0 * 5	03501199	0.	.0	.0 * 7	11251866	0.	.0	.0
2	2020	533	0.	.0	.0 * 5	03551200	0.	.0	.0 * 7	11301867	0.	.0	.0
2	2025	534	0.	.0	.0 * 5	04001201	0.	.0	.0 * 7	11351868	0.	.0	.0
2	2030	535	0.	.0	.0 * 5	04051202	0.	.0	.0 * 7	11401869	0.	.0	.0
2	2035	536	0.	.0	.0 * 5	04101203	0.	.0	.0 * 7	11451870	0.	.0	.0
2	2040	537	0.	.0	.0 * 5	04151204	0.	.0	.0 * 7	11501871	0.	.0	.0
2	2045	538	0.	.0	.0 * 5	04201205	0.	.0	.0 * 7	11551872	0.	.0	.0
2	2050	539	0.	.0	.0 * 5	04251206	0.	.0	.0 * 7	12001873	0.	.0	.0
2	2055	540	0.	.0	.0 * 5	04301207	0.	.0	.0 * 7	12051874	0.	.0	.0
2	2100	541	0.	.0	.0 * 5	04351208	0.	.0	.0 * 7	12101875	0.	.0	.0
2	2105	542	0.	.0	.0 * 5	04401209	0.	.0	.0 * 7	12151876	0.	.0	.0
2	2110	543	0.	.0	.0 * 5	04451210	0.	.0	.0 * 7	12201877	0.	.0	.0
2	2115	544	0.	.0	.0 * 5	04501211	0.	.0	.0 * 7	12251878	0.	.0	.0
2	2120	545	0.	.0	.0 * 5	04551212	0.	.0	.0 * 7	12301879	0.	.0	.0
2	2125	546	0.	.0	.0 * 5	05001213	0.	.0	.0 * 7	12351880	0.	.0	.0
2	2130	547	0.	.0	.0 * 5	05051214	0.	.0	.0 * 7	12401881	0.	.0	.0
2	2135	548	0.	.0	.0 * 5	05101215	0.	.0	.0 * 7	12451882	0.	.0	.0
2	2140	549	0.	.0	.0 * 5	05151216	0.	.0	.0 * 7	12501883	0.	.0	.0
2	2145	550	0.	.0	.0 * 5	05201217	0.	.0	.0 * 7	12551884	0.	.0	.0
2	2150	551	0.	.0	.0 * 5	05251218	0.	.0	.0 * 7	13001885	0.	.0	.0
2	2155	552	0.	.0	.0 * 5	05301219	0.	.0	.0 * 7	13051886	0.	.0	.0
2	2200	553	0.	.0	.0 * 5	05351220	0.	.0	.0 * 7	13101887	0.	.0	.0
2	2205	554	0.	.0	.0 * 5	05401221	0.	.0	.0 * 7	13151888	0.	.0	.0
2	2210	555	0.	.0	.0 * 5	05451222	0.	.0	.0 * 7	13201889	0.	.0	.0
2	2215	556	0.	.0	.0 * 5	05501223	0.	.0	.0 * 7	13251890	0.	.0	.0
2	2220	557	0.	.0	.0 * 5	05551224	0.	.0	.0 * 7	13301891	0.	.0	.0
2	2225	558	0.	.0	.0 * 5	06001225	0.	.0	.0 * 7	13351892	0.	.0	.0
2	2230	559	0.	.0	.0 * 5	06051226	0.	.0	.0 * 7	13401893	0.	.0	.0
2	2235	560	0.	.0	.0 * 5	06101227	0.	.0	.0 * 7	13451894	0.	.0	.0
2	2240	561	0.	.0	.0 * 5	06151228	0.	.0	.0 * 7	13501895	0.	.0	.0
2	2245	562	0.	.0	.0 * 5	06201229	0.	.0	.0 * 7	13551896	0.	.0	.0
2	2250	563	0.	.0	.0 * 5	06251230	0.	.0	.0 * 7	14001897	0.	.0	.0
2	2255	564	0.	.0	.0 * 5	06301231	0.	.0	.0 * 7	14051898	0.	.0	.0
2	2300	565	0.	.0	.0 * 5	06351232	0.	.0	.0 * 7	14101899	0.	.0	.0
2	2305	566	0.	.0	.0 * 5	06401233	0.	.0	.0 * 7	14151900	0.	.0	.0
2	2310	567	0.	.0	.0 * 5	06451234	0.	.0	.0 * 7	14201901	0.	.0	.0
2	2315	568	0.	.0	.0 * 5	06501235	0.	.0	.0 * 7	14251902	0.	.0	.0
2	2320	569	0.	.0	.0 * 5	06551236	0.	.0	.0 * 7	14301903	0.	.0	.0
2	2325	570	0.	.0	.0 * 5	07001237	0.	.0	.0 * 7	14351904	0.	.0	.0
2	2330	571	0.	.0	.0 * 5	07051238	0.	.0	.0 * 7	14401905	0.	.0	.0
2	2335	572	0.	.0	.0 * 5	07101239	0.	.0	.0 * 7	14451906	0.	.0	.0
2	2340	573	0.	.0	.0 * 5	07151240	0.	.0	.0 * 7	14501907	0.	.0	.0
2	2345	574	0.	.0	.0 * 5	07201241	0.	.0	.0 * 7	14551908	0.	.0	.0
2	2350	575	0.	.0	.0 * 5	07251242	0.	.0	.0 * 7	15001909	0.	.0	.0
2	2355	576	0.	.0	.0 * 5	07301243	0.	.0	.0 * 7	15051910	0.	.0	.0
3	0000	577	0.	.0	.0 * 5	07351244	0.	.0	.0 * 7	15101911	0.	.0	.0
3	0005	578	0.	.0	.0 * 5	07401245	0.	.0	.0 * 7	15151912	0.	.0	.0
3	0010	579	0.	.0	.0 * 5	07451246	0.	.0	.0 * 7	15201913	0.	.0	.0
3	0015	580	0.	.0	.0 * 5	07501247	0.	.0	.0 * 7	15251914	0.	.0	.0
3	0020	581	0.	.0	.0 * 5	07551248	0.	.0	.0 * 7	15301915	0.	.0	.0
3	0025	582	0.	.0	.0 * 5	08001249	0.	.0	.0 * 7	15351916	0.	.0	.0
3	0030	583	0.	.0	.0 * 5	08051250	0.	.0	.0 * 7	15401917	0.	.0	.0
3	0035	584	0.	.0	.0 * 5	08101251	0.	.0	.0 * 7	15451918	0.	.0	.0

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3	0040 585	0.	.0	.0 *	5	08151252	0.	.0	.0 *	7	15501919	0.	.0	.0
3	0045 586	0.	.0	.0 *	5	08201253	0.	.0	.0 *	7	15551920	0.	.0	.0
3	0050 587	0.	.0	.0 *	5	08251254	0.	.0	.0 *	7	16001921	0.	.0	.0
3	0055 588	0.	.0	.0 *	5	08301255	0.	.0	.0 *	7	16051922	0.	.0	.0
3	0100 589	0.	.0	.0 *	5	08351256	0.	.0	.0 *	7	16101923	0.	.0	.0
3	0105 590	0.	.0	.0 *	5	08401257	0.	.0	.0 *	7	16151924	0.	.0	.0
3	0110 591	0.	.0	.0 *	5	08451258	0.	.0	.0 *	7	16201925	0.	.0	.0
3	0115 592	0.	.0	.0 *	5	08501259	0.	.0	.0 *	7	16251926	0.	.0	.0
3	0120 593	0.	.0	.0 *	5	08551260	0.	.0	.0 *	7	16301927	0.	.0	.0
3	0125 594	0.	.0	.0 *	5	09001261	0.	.0	.0 *	7	16351928	0.	.0	.0
3	0130 595	0.	.0	.0 *	5	09051262	0.	.0	.0 *	7	16401929	0.	.0	.0
3	0135 596	0.	.0	.0 *	5	09101263	0.	.0	.0 *	7	16451930	0.	.0	.0
3	0140 597	0.	.0	.0 *	5	09151264	0.	.0	.0 *	7	16501931	0.	.0	.0
3	0145 598	0.	.0	.0 *	5	09201265	0.	.0	.0 *	7	16551932	0.	.0	.0
3	0150 599	0.	.0	.0 *	5	09251266	0.	.0	.0 *	7	17001933	0.	.0	.0
3	0155 600	0.	.0	.0 *	5	09301267	0.	.0	.0 *	7	17051934	0.	.0	.0
3	0200 601	0.	.0	.0 *	5	09351268	0.	.0	.0 *	7	17101935	0.	.0	.0
3	0205 602	0.	.0	.0 *	5	09401269	0.	.0	.0 *	7	17151936	0.	.0	.0
3	0210 603	0.	.0	.0 *	5	09451270	0.	.0	.0 *	7	17201937	0.	.0	.0
3	0215 604	0.	.0	.0 *	5	09501271	0.	.0	.0 *	7	17251938	0.	.0	.0
3	0220 605	0.	.0	.0 *	5	09551272	0.	.0	.0 *	7	17301939	0.	.0	.0
3	0225 606	0.	.0	.0 *	5	10001273	0.	.0	.0 *	7	17351940	0.	.0	.0
3	0230 607	0.	.0	.0 *	5	10051274	0.	.0	.0 *	7	17401941	0.	.0	.0
3	0235 608	0.	.0	.0 *	5	10101275	0.	.0	.0 *	7	17451942	0.	.0	.0
3	0240 609	0.	.0	.0 *	5	10151276	0.	.0	.0 *	7	17501943	0.	.0	.0
3	0245 610	0.	.0	.0 *	5	10201277	0.	.0	.0 *	7	17551944	0.	.0	.0
3	0250 611	0.	.0	.0 *	5	10251278	0.	.0	.0 *	7	18001945	0.	.0	.0
3	0255 612	0.	.0	.0 *	5	10301279	0.	.0	.0 *	7	18051946	0.	.0	.0
3	0300 613	0.	.0	.0 *	5	10351280	0.	.0	.0 *	7	18101947	0.	.0	.0
3	0305 614	0.	.0	.0 *	5	10401281	0.	.0	.0 *	7	18151948	0.	.0	.0
3	0310 615	0.	.0	.0 *	5	10451282	0.	.0	.0 *	7	18201949	0.	.0	.0
3	0315 616	0.	.0	.0 *	5	10501283	0.	.0	.0 *	7	18251950	0.	.0	.0
3	0320 617	0.	.0	.0 *	5	10551284	0.	.0	.0 *	7	18301951	0.	.0	.0
3	0325 618	0.	.0	.0 *	5	11001285	0.	.0	.0 *	7	18351952	0.	.0	.0
3	0330 619	0.	.0	.0 *	5	11051286	0.	.0	.0 *	7	18401953	0.	.0	.0
3	0335 620	0.	.0	.0 *	5	11101287	0.	.0	.0 *	7	18451954	0.	.0	.0
3	0340 621	0.	.0	.0 *	5	11151288	0.	.0	.0 *	7	18501955	0.	.0	.0
3	0345 622	0.	.0	.0 *	5	11201289	0.	.0	.0 *	7	18551956	0.	.0	.0
3	0350 623	0.	.0	.0 *	5	11251290	0.	.0	.0 *	7	19001957	0.	.0	.0
3	0355 624	0.	.0	.0 *	5	11301291	0.	.0	.0 *	7	19051958	0.	.0	.0
3	0400 625	0.	.0	.0 *	5	11351292	0.	.0	.0 *	7	19101959	0.	.0	.0
3	0405 626	0.	.0	.0 *	5	11401293	0.	.0	.0 *	7	19151960	0.	.0	.0
3	0410 627	0.	.0	.0 *	5	11451294	0.	.0	.0 *	7	19201961	0.	.0	.0
3	0415 628	0.	.0	.0 *	5	11501295	0.	.0	.0 *	7	19251962	0.	.0	.0
3	0420 629	0.	.0	.0 *	5	11551296	0.	.0	.0 *	7	19301963	0.	.0	.0
3	0425 630	0.	.0	.0 *	5	12001297	0.	.0	.0 *	7	19351964	0.	.0	.0
3	0430 631	0.	.0	.0 *	5	12051298	0.	.0	.0 *	7	19401965	0.	.0	.0
3	0435 632	0.	.0	.0 *	5	12101299	0.	.0	.0 *	7	19451966	0.	.0	.0
3	0440 633	0.	.0	.0 *	5	12151300	0.	.0	.0 *	7	19501967	0.	.0	.0
3	0445 634	0.	.0	.0 *	5	12201301	0.	.0	.0 *	7	19551968	0.	.0	.0
3	0450 635	0.	.0	.0 *	5	12251302	0.	.0	.0 *	7	20001969	0.	.0	.0
3	0455 636	0.	.0	.0 *	5	12301303	0.	.0	.0 *	7	20051970	0.	.0	.0
3	0500 637	0.	.0	.0 *	5	12351304	0.	.0	.0 *	7	20101971	0.	.0	.0
3	0505 638	0.	.0	.0 *	5	12401305	0.	.0	.0 *	7	20151972	0.	.0	.0
3	0510 639	0.	.0	.0 *	5	12451306	0.	.0	.0 *	7	20201973	0.	.0	.0
3	0515 640	0.	.0	.0 *	5	12501307	0.	.0	.0 *	7	20251974	0.	.0	.0
3	0520 641	0.	.0	.0 *	5	12551308	0.	.0	.0 *	7	20301975	0.	.0	.0
3	0525 642	0.	.0	.0 *	5	13001309	0.	.0	.0 *	7	20351976	0.	.0	.0
3	0530 643	0.	.0	.0 *	5	13051310	0.	.0	.0 *	7	20401977	0.	.0	.0
3	0535 644	0.	.0	.0 *	5	13101311	0.	.0	.0 *	7	20451978	0.	.0	.0
3	0540 645	0.	.0	.0 *	5	13151312	0.	.0	.0 *	7	20501979	0.	.0	.0
3	0545 646	0.	.0	.0 *	5	13201313	0.	.0	.0 *	7	20551980	0.	.0	.0
3	0550 647	0.	.0	.0 *	5	13251314	0.	.0	.0 *	7	21001981	0.	.0	.0
3	0555 648	0.	.0	.0 *	5	13301315	0.	.0	.0 *	7	21051982	0.	.0	.0
3	0600 649	0.	.0	.0 *	5	13351316	0.	.0	.0 *	7	21101983	0.	.0	.0
3	0605 650	0.	.0	.0 *	5	13401317	0.	.0	.0 *	7	21151984	0.	.0	.0
3	0610 651	0.	.0	.0 *	5	13451318	0.	.0	.0 *	7	21201985	0.	.0	.0
3	0615 652	0.	.0	.0 *	5	13501319	0.	.0	.0 *	7	21251986	0.	.0	.0
3	0620 653	0.	.0	.0 *	5	13551320	0.	.0	.0 *	7	21301987	0.	.0	.0
3	0625 654	0.	.0	.0 *	5	14001321	0.	.0	.0 *	7	21351988	0.	.0	.0
3	0630 655	0.	.0	.0 *	5	14051322	0.	.0	.0 *	7	21401989	0.	.0	.0
3	0635 656	0.	.0	.0 *	5	14101323	0.	.0	.0 *	7	21451990	0.	.0	.0
3	0640 657	0.	.0	.0 *	5	14151324	0.	.0	.0 *	7	21501991	0.	.0	.0
3	0645 658	0.	.0	.0 *	5	14201325	0.	.0	.0 *	7	21551992	0.	.0	.0
3	0650 659	0.	.0	.0 *	5	14251326	0.	.0	.0 *	7	22001993	0.	.0	.0
3	0655 660	0.	.0	.0 *	5	14301327	0.	.0	.0 *	7	22051994	0.	.0	.0
3	0700 661	0.	.0	.0 *	5	14351328	0.	.0	.0 *	7	22101995	0.	.0	.0
3	0705 662	0.	.0	.0 *	5	14401329	0.	.0	.0 *	7	22151996	0.	.0	.0
3	0710 663	0.	.0	.0 *	5	14451330	0.	.0	.0 *	7	22201997	0.	.0	.0
3	0715 664	0.	.0	.0 *	5	14501331	0.	.0	.0 *	7	22251998	0.	.0	.0
3	0720 665	0.	.0	.0 *	5	14551332	0.	.0	.0 *	7	22301999	0.	.0	.0
3	0725 666	0.	.0	.0 *	5	15001333	0.	.0	.0 *	7	22352000	0.	.0	.0
3	0730 667	0.	.0	.0 *	5	15051334	0.	.0	.0 *					
				*					*					

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)				

```
                                                                                                                ULT
                          (CFS)
+    1044.      4.17                  364.          92.          31.          13.
                        (INCHES)      1.542        1.566        1.566        1.566
                         (AC-FT)      180.         183.         183.         183.

 PEAK STORAGE   TIME                          MAXIMUM AVERAGE STORAGE
                                      6-HR        24-HR        72-HR     166.58-HR
+  (AC-FT)      (HR)
       67.      4.17                   24.           6.           2.           1.

  PEAK STAGE    TIME                          MAXIMUM AVERAGE STAGE
                                      6-HR        24-HR        72-HR     166.58-HR
+   (FEET)      (HR)
      4.80      4.17                  1.70          .43          .14          .06

                        CUMULATIVE AREA =    2.19 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


           **************
           *            *
 904 KK    *      RDB1  *
           *            *
           **************

 906 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL          0.  HYDROGRAPH PLOT SCALE

              HYDROGRAPH ROUTING DATA

 907 RS          STORAGE ROUTING
                      NSTPS          1  NUMBER OF SUBREACHES
                       ITYP       ELEV  TYPE OF INITIAL CONDITION
                      RSVRIC  3025.50  INITIAL CONDITION
                          X        .00 WORKING R AND D COEFFICIENT

 908 SA               AREA         4.7       5.6       5.7       5.9       6.1       7.0       7.5       8.4       9.3      10.7


 909 SE          ELEVATION     3025.50   3027.00   3028.00   3029.00   3030.00   3035.00   3037.00   3040.00   3043.00   3046.00


 910 SQ          DISCHARGE          0.       14.       32.       48.       61.       71.       75.     1436.     3921.     7136.


 911 SE          ELEVATION     3013.80   3017.00   3020.00   3025.00   3030.00   3035.00   3037.00   3040.00   3043.00   3046.00

                                                    ***

                                          COMPUTED STORAGE-ELEVATION DATA

            STORAGE        .00      7.67     13.32     19.15     25.16     57.91     72.38     96.09    122.60    152.58
          ELEVATION    3025.50   3027.00   3028.00   3029.00   3030.00   3035.00   3037.00   3040.00   3043.00   3046.00


                                       COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

            STORAGE        .00       .00       .00       .00       .00      7.67     13.32     19.15     25.16     57.91
            OUTFLOW        .00     13.70     31.50     48.30     49.53     53.22     55.68     58.14     60.60     70.80
          ELEVATION    3013.80   3017.00   3020.00   3025.00   3025.50   3027.00   3028.00   3029.00   3030.00   3035.00

            STORAGE      72.38     96.09    122.60    152.58
            OUTFLOW      74.50   1436.00   3920.50   7136.30
          ELEVATION    3037.00   3040.00   3043.00   3046.00

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                                          HYDROGRAPH AT STATION     RDB1
                                             PLAN 1,   RATIO =  1.00

********************************************************************************************************************************************
                                          *                                                                                *
 DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE * DA MON HRMN ORD  OUTFLOW  STORAGE   STAGE
                                          *                                                                                *
  1     0000   1      50.       .0  3025.5 *  3     0735 668       0.       .0  3013.8 *  5     15101335       0.       .0  3013.8
  1     0005   2       0.       .0  3013.8 *  3     0740 669       0.       .0  3013.8 *  5     15151336       0.       .0  3013.8
  1     0010   3       1.       .0  3014.0 *  3     0745 670       0.       .0  3013.8 *  5     15201337       0.       .0  3013.8
  1     0015   4       3.       .0  3014.5 *  3     0750 671       0.       .0  3013.8 *  5     15251338       0.       .0  3013.8
  1     0020   5       5.       .0  3015.0 *  3     0755 672       0.       .0  3013.8 *  5     15301339       0.       .0  3013.8
  1     0025   6       8.       .0  3015.7 *  3     0800 673       0.       .0  3013.8 *  5     15351340       0.       .0  3013.8
  1     0030   7      11.       .0  3016.4 *  3     0805 674       0.       .0  3013.8 *  5     15401341       0.       .0  3013.8
  1     0035   8      11.       .0  3016.3 *  3     0810 675       0.       .0  3013.8 *  5     15451342       0.       .0  3013.8
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												ULT						
1	0040	9	8.	.0	3015.6	*	3	0815	676	0.	.0	3013.8	*	5	15501343	0.	.0	3013.8
1	0045	10	5.	.0	3014.9	*	3	0820	677	0.	.0	3013.8	*	5	15551344	0.	.0	3013.8
1	0050	11	4.	.0	3014.7	*	3	0825	678	0.	.0	3013.8	*	5	16001345	0.	.0	3013.8
1	0055	12	3.	.0	3014.5	*	3	0830	679	0.	.0	3013.8	*	5	16051346	0.	.0	3013.8
1	0100	13	2.	.0	3014.4	*	3	0835	680	0.	.0	3013.8	*	5	16101347	0.	.0	3013.8
1	0105	14	3.	.0	3014.4	*	3	0840	681	0.	.0	3013.8	*	5	16151348	0.	.0	3013.8
1	0110	15	5.	.0	3015.0	*	3	0845	682	0.	.0	3013.8	*	5	16201349	0.	.0	3013.8
1	0115	16	6.	.0	3015.3	*	3	0850	683	0.	.0	3013.8	*	5	16251350	0.	.0	3013.8
1	0120	17	8.	.0	3015.6	*	3	0855	684	0.	.0	3013.8	*	5	16301351	0.	.0	3013.8
1	0125	18	12.	.0	3016.6	*	3	0900	685	0.	.0	3013.8	*	5	16351352	0.	.0	3013.8
1	0130	19	19.	.0	3017.9	*	3	0905	686	0.	.0	3013.8	*	5	16401353	0.	.0	3013.8
1	0135	20	25.	.0	3019.0	*	3	0910	687	0.	.0	3013.8	*	5	16451354	0.	.0	3013.8
1	0140	21	30.	.0	3019.7	*	3	0915	688	0.	.0	3013.8	*	5	16501355	0.	.0	3013.8
1	0145	22	33.	.0	3020.6	*	3	0920	689	0.	.0	3013.8	*	5	16551356	0.	.0	3013.8
1	0150	23	34.	.0	3020.6	*	3	0925	690	0.	.0	3013.8	*	5	17001357	0.	.0	3013.8
1	0155	24	31.	.0	3019.9	*	3	0930	691	0.	.0	3013.8	*	5	17051358	0.	.0	3013.8
1	0200	25	27.	.0	3019.3	*	3	0935	692	0.	.0	3013.8	*	5	17101359	0.	.0	3013.8
1	0205	26	25.	.0	3018.9	*	3	0940	693	0.	.0	3013.8	*	5	17151360	0.	.0	3013.8
1	0210	27	27.	.0	3019.3	*	3	0945	694	0.	.0	3013.8	*	5	17201361	0.	.0	3013.8
1	0215	28	36.	.0	3021.3	*	3	0950	695	0.	.0	3013.8	*	5	17251362	0.	.0	3013.8
1	0220	29	46.	.0	3024.2	*	3	0955	696	0.	.0	3013.8	*	5	17301363	0.	.0	3013.8
1	0225	30	50.	.0	3025.5	*	3	1000	697	0.	.0	3013.8	*	5	17351364	0.	.0	3013.8
1	0230	31	50.	.0	3025.5	*	3	1005	698	0.	.0	3013.8	*	5	17401365	0.	.0	3013.8
1	0235	32	50.	.0	3025.5	*	3	1010	699	0.	.0	3013.8	*	5	17451366	0.	.0	3013.8
1	0240	33	50.	.1	3025.5	*	3	1015	700	0.	.0	3013.8	*	5	17501367	0.	.0	3013.8
1	0245	34	50.	.2	3025.5	*	3	1020	701	0.	.0	3013.8	*	5	17551368	0.	.0	3013.8
1	0250	35	50.	.3	3025.5	*	3	1025	702	0.	.0	3013.8	*	5	18001369	0.	.0	3013.8
1	0255	36	50.	.3	3025.6	*	3	1030	703	0.	.0	3013.8	*	5	18051370	0.	.0	3013.8
1	0300	37	50.	.4	3025.6	*	3	1035	704	0.	.0	3013.8	*	5	18101371	0.	.0	3013.8
1	0305	38	50.	.5	3025.6	*	3	1040	705	0.	.0	3013.8	*	5	18151372	0.	.0	3013.8
1	0310	39	50.	.8	3025.7	*	3	1045	706	0.	.0	3013.8	*	5	18201373	0.	.0	3013.8
1	0315	40	50.	1.5	3025.8	*	3	1050	707	0.	.0	3013.8	*	5	18251374	0.	.0	3013.8
1	0320	41	51.	2.7	3026.0	*	3	1055	708	0.	.0	3013.8	*	5	18301375	0.	.0	3013.8
1	0325	42	52.	4.8	3026.4	*	3	1100	709	0.	.0	3013.8	*	5	18351376	0.	.0	3013.8
1	0330	43	53.	8.2	3027.1	*	3	1105	710	0.	.0	3013.8	*	5	18401377	0.	.0	3013.8
1	0335	44	55.	12.6	3027.9	*	3	1110	711	0.	.0	3013.8	*	5	18451378	0.	.0	3013.8
1	0340	45	58.	17.7	3028.7	*	3	1115	712	0.	.0	3013.8	*	5	18501379	0.	.0	3013.8
1	0345	46	60.	22.8	3029.6	*	3	1120	713	0.	.0	3013.8	*	5	18551380	0.	.0	3013.8
1	0350	47	61.	27.9	3030.4	*	3	1125	714	0.	.0	3013.8	*	5	19001381	0.	.0	3013.8
1	0355	48	63.	32.5	3031.1	*	3	1130	715	0.	.0	3013.8	*	5	19051382	0.	.0	3013.8
1	0400	49	64.	36.6	3031.7	*	3	1135	716	0.	.0	3013.8	*	5	19101383	0.	.0	3013.8
1	0405	50	65.	40.1	3032.3	*	3	1140	717	0.	.0	3013.8	*	5	19151384	0.	.0	3013.8
1	0410	51	66.	42.9	3032.7	*	3	1145	718	0.	.0	3013.8	*	5	19201385	0.	.0	3013.8
1	0415	52	67.	45.1	3033.0	*	3	1150	719	0.	.0	3013.8	*	5	19251386	0.	.0	3013.8
1	0420	53	67.	46.8	3033.3	*	3	1155	720	0.	.0	3013.8	*	5	19301387	0.	.0	3013.8
1	0425	54	68.	48.2	3033.5	*	3	1200	721	0.	.0	3013.8	*	5	19351388	0.	.0	3013.8
1	0430	55	68.	49.5	3033.7	*	3	1205	722	0.	.0	3013.8	*	5	19401389	0.	.0	3013.8
1	0435	56	69.	50.7	3033.9	*	3	1210	723	0.	.0	3013.8	*	5	19451390	0.	.0	3013.8
1	0440	57	69.	51.9	3034.1	*	3	1215	724	0.	.0	3013.8	*	5	19501391	0.	.0	3013.8
1	0445	58	69.	53.1	3034.3	*	3	1220	725	0.	.0	3013.8	*	5	19551392	0.	.0	3013.8
1	0450	59	70.	54.2	3034.4	*	3	1225	726	0.	.0	3013.8	*	5	20001393	0.	.0	3013.8
1	0455	60	70.	55.5	3034.6	*	3	1230	727	0.	.0	3013.8	*	5	20051394	0.	.0	3013.8
1	0500	61	70.	56.6	3034.8	*	3	1235	728	0.	.0	3013.8	*	5	20101395	0.	.0	3013.8
1	0505	62	71.	57.7	3035.0	*	3	1240	729	0.	.0	3013.8	*	5	20151396	0.	.0	3013.8
1	0510	63	71.	58.5	3035.1	*	3	1245	730	0.	.0	3013.8	*	5	20201397	0.	.0	3013.8
1	0515	64	71.	59.2	3035.2	*	3	1250	731	0.	.0	3013.8	*	5	20251398	0.	.0	3013.8
1	0520	65	71.	59.7	3035.2	*	3	1255	732	0.	.0	3013.8	*	5	20301399	0.	.0	3013.8
1	0525	66	71.	60.0	3035.3	*	3	1300	733	0.	.0	3013.8	*	5	20351400	0.	.0	3013.8
1	0530	67	71.	60.1	3035.3	*	3	1305	734	0.	.0	3013.8	*	5	20401401	0.	.0	3013.8
1	0535	68	71.	60.2	3035.3	*	3	1310	735	0.	.0	3013.8	*	5	20451402	0.	.0	3013.8
1	0540	69	71.	60.1	3035.3	*	3	1315	736	0.	.0	3013.8	*	5	20501403	0.	.0	3013.8
1	0545	70	71.	59.9	3035.3	*	3	1320	737	0.	.0	3013.8	*	5	20551404	0.	.0	3013.8
1	0550	71	71.	59.8	3035.3	*	3	1325	738	0.	.0	3013.8	*	5	21001405	0.	.0	3013.8
1	0555	72	71.	59.5	3035.2	*	3	1330	739	0.	.0	3013.8	*	5	21051406	0.	.0	3013.8
1	0600	73	71.	59.3	3035.2	*	3	1335	740	0.	.0	3013.8	*	5	21101407	0.	.0	3013.8
1	0605	74	71.	59.0	3035.1	*	3	1340	741	0.	.0	3013.8	*	5	21151408	0.	.0	3013.8
1	0610	75	71.	58.6	3035.1	*	3	1345	742	0.	.0	3013.8	*	5	21201409	0.	.0	3013.8
1	0615	76	71.	58.3	3035.1	*	3	1350	743	0.	.0	3013.8	*	5	21251410	0.	.0	3013.8
1	0620	77	71.	57.9	3035.0	*	3	1355	744	0.	.0	3013.8	*	5	21301411	0.	.0	3013.8
1	0625	78	71.	57.5	3034.9	*	3	1400	745	0.	.0	3013.8	*	5	21351412	0.	.0	3013.8
1	0630	79	71.	57.1	3034.9	*	3	1405	746	0.	.0	3013.8	*	5	21401413	0.	.0	3013.8
1	0635	80	70.	56.6	3034.8	*	3	1410	747	0.	.0	3013.8	*	5	21451414	0.	.0	3013.8
1	0640	81	70.	56.2	3034.7	*	3	1415	748	0.	.0	3013.8	*	5	21501415	0.	.0	3013.8
1	0645	82	70.	55.7	3034.7	*	3	1420	749	0.	.0	3013.8	*	5	21551416	0.	.0	3013.8
1	0650	83	70.	55.2	3034.6	*	3	1425	750	0.	.0	3013.8	*	5	22001417	0.	.0	3013.8
1	0655	84	70.	54.8	3034.5	*	3	1430	751	0.	.0	3013.8	*	5	22051418	0.	.0	3013.8
1	0700	85	70.	54.3	3034.4	*	3	1435	752	0.	.0	3013.8	*	5	22101419	0.	.0	3013.8
1	0705	86	70.	53.8	3034.4	*	3	1440	753	0.	.0	3013.8	*	5	22151420	0.	.0	3013.8
1	0710	87	69.	53.3	3034.3	*	3	1445	754	0.	.0	3013.8	*	5	22201421	0.	.0	3013.8
1	0715	88	69.	52.9	3034.2	*	3	1450	755	0.	.0	3013.8	*	5	22251422	0.	.0	3013.8
1	0720	89	69.	52.4	3034.2	*	3	1455	756	0.	.0	3013.8	*	5	22301423	0.	.0	3013.8
1	0725	90	69.	51.9	3034.1	*	3	1500	757	0.	.0	3013.8	*	5	22351424	0.	.0	3013.8
1	0730	91	69.	51.5	3034.0	*	3	1505	758	0.	.0	3013.8	*	5	22401425	0.	.0	3013.8
1	0735	92	69.	51.0	3033.9	*	3	1510	759	0.	.0	3013.8	*	5	22451426	0.	.0	3013.8
1	0740	93	68.	50.5	3033.9	*	3	1515	760	0.	.0	3013.8	*	5	22501427	0.	.0	3013.8
1	0745	94	68.	50.0	3033.8	*	3	1520	761	0.	.0	3013.8	*	5	22551428	0.	.0	3013.8
1	0750	95	68.	49.6	3033.7	*	3	1525	762	0.	.0	3013.8	*	5	23001429	0.	.0	3013.8
1	0755	96	68.	49.1	3033.7	*	3	1530	763	0.	.0	3013.8	*	5	23051430	0.	.0	3013.8
1	0800	97	68.	48.6	3033.6	*	3	1535	764	0.	.0	3013.8	*	5	23101431	0.	.0	3013.8

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1	0805	98	68.	48.2	3033.5	*	3	1540	765	0.	.0	3013.8	*	5	23151432	0.	.0	3013.8
1	0810	99	68.	47.7	3033.4	*	3	1545	766	0.	.0	3013.8	*	5	23201433	0.	.0	3013.8
1	0815	100	67.	47.2	3033.4	*	3	1550	767	0.	.0	3013.8	*	5	23251434	0.	.0	3013.8
1	0820	101	67.	46.8	3033.3	*	3	1555	768	0.	.0	3013.8	*	5	23301435	0.	.0	3013.8
1	0825	102	67.	46.3	3033.2	*	3	1600	769	0.	.0	3013.8	*	5	23351436	0.	.0	3013.8
1	0830	103	67.	45.8	3033.2	*	3	1605	770	0.	.0	3013.8	*	5	23401437	0.	.0	3013.8
1	0835	104	67.	45.4	3033.1	*	3	1610	771	0.	.0	3013.8	*	5	23451438	0.	.0	3013.8
1	0840	105	67.	44.9	3033.0	*	3	1615	772	0.	.0	3013.8	*	5	23501439	0.	.0	3013.8
1	0845	106	67.	44.5	3032.9	*	3	1620	773	0.	.0	3013.8	*	5	23551440	0.	.0	3013.8
1	0850	107	66.	44.0	3032.9	*	3	1625	774	0.	.0	3013.8	*	6	00001441	0.	.0	3013.8
1	0855	108	66.	43.5	3032.8	*	3	1630	775	0.	.0	3013.8	*	6	00051442	0.	.0	3013.8
1	0900	109	66.	43.1	3032.7	*	3	1635	776	0.	.0	3013.8	*	6	00101443	0.	.0	3013.8
1	0905	110	66.	42.6	3032.7	*	3	1640	777	0.	.0	3013.8	*	6	00151444	0.	.0	3013.8
1	0910	111	66.	42.2	3032.6	*	3	1645	778	0.	.0	3013.8	*	6	00201445	0.	.0	3013.8
1	0915	112	66.	41.7	3032.5	*	3	1650	779	0.	.0	3013.8	*	6	00251446	0.	.0	3013.8
1	0920	113	66.	41.3	3032.5	*	3	1655	780	0.	.0	3013.8	*	6	00301447	0.	.0	3013.8
1	0925	114	65.	40.8	3032.4	*	3	1700	781	0.	.0	3013.8	*	6	00351448	0.	.0	3013.8
1	0930	115	65.	40.4	3032.3	*	3	1705	782	0.	.0	3013.8	*	6	00401449	0.	.0	3013.8
1	0935	116	65.	39.9	3032.3	*	3	1710	783	0.	.0	3013.8	*	6	00451450	0.	.0	3013.8
1	0940	117	65.	39.5	3032.2	*	3	1715	784	0.	.0	3013.8	*	6	00501451	0.	.0	3013.8
1	0945	118	65.	39.0	3032.1	*	3	1720	785	0.	.0	3013.8	*	6	00551452	0.	.0	3013.8
1	0950	119	65.	38.6	3032.0	*	3	1725	786	0.	.0	3013.8	*	6	01001453	0.	.0	3013.8
1	0955	120	65.	38.1	3032.0	*	3	1730	787	0.	.0	3013.8	*	6	01051454	0.	.0	3013.8
1	1000	121	65.	37.7	3031.9	*	3	1735	788	0.	.0	3013.8	*	6	01101455	0.	.0	3013.8
1	1005	122	64.	37.2	3031.8	*	3	1740	789	0.	.0	3013.8	*	6	01151456	0.	.0	3013.8
1	1010	123	64.	36.8	3031.8	*	3	1745	790	0.	.0	3013.8	*	6	01201457	0.	.0	3013.8
1	1015	124	64.	36.4	3031.7	*	3	1750	791	0.	.0	3013.8	*	6	01251458	0.	.0	3013.8
1	1020	125	64.	35.9	3031.6	*	3	1755	792	0.	.0	3013.8	*	6	01301459	0.	.0	3013.8
1	1025	126	64.	35.5	3031.6	*	3	1800	793	0.	.0	3013.8	*	6	01351460	0.	.0	3013.8
1	1030	127	64.	35.0	3031.5	*	3	1805	794	0.	.0	3013.8	*	6	01401461	0.	.0	3013.8
1	1035	128	64.	34.6	3031.4	*	3	1810	795	0.	.0	3013.8	*	6	01451462	0.	.0	3013.8
1	1040	129	63.	34.2	3031.4	*	3	1815	796	0.	.0	3013.8	*	6	01501463	0.	.0	3013.8
1	1045	130	63.	33.7	3031.3	*	3	1820	797	0.	.0	3013.8	*	6	01551464	0.	.0	3013.8
1	1050	131	63.	33.3	3031.2	*	3	1825	798	0.	.0	3013.8	*	6	02001465	0.	.0	3013.8
1	1055	132	63.	32.9	3031.2	*	3	1830	799	0.	.0	3013.8	*	6	02051466	0.	.0	3013.8
1	1100	133	63.	32.4	3031.1	*	3	1835	800	0.	.0	3013.8	*	6	02101467	0.	.0	3013.8
1	1105	134	63.	32.0	3031.0	*	3	1840	801	0.	.0	3013.8	*	6	02151468	0.	.0	3013.8
1	1110	135	63.	31.6	3031.0	*	3	1845	802	0.	.0	3013.8	*	6	02201469	0.	.0	3013.8
1	1115	136	62.	31.1	3030.9	*	3	1850	803	0.	.0	3013.8	*	6	02251470	0.	.0	3013.8
1	1120	137	62.	30.7	3030.8	*	3	1855	804	0.	.0	3013.8	*	6	02301471	0.	.0	3013.8
1	1125	138	62.	30.3	3030.8	*	3	1900	805	0.	.0	3013.8	*	6	02351472	0.	.0	3013.8
1	1130	139	62.	29.8	3030.7	*	3	1905	806	0.	.0	3013.8	*	6	02401473	0.	.0	3013.8
1	1135	140	62.	29.4	3030.7	*	3	1910	807	0.	.0	3013.8	*	6	02451474	0.	.0	3013.8
1	1140	141	62.	29.0	3030.6	*	3	1915	808	0.	.0	3013.8	*	6	02501475	0.	.0	3013.8
1	1145	142	62.	28.6	3030.5	*	3	1920	809	0.	.0	3013.8	*	6	02551476	0.	.0	3013.8
1	1150	143	62.	28.1	3030.5	*	3	1925	810	0.	.0	3013.8	*	6	03001477	0.	.0	3013.8
1	1155	144	61.	27.7	3030.4	*	3	1930	811	0.	.0	3013.8	*	6	03051478	0.	.0	3013.8
1	1200	145	61.	27.3	3030.3	*	3	1935	812	0.	.0	3013.8	*	6	03101479	0.	.0	3013.8
1	1205	146	61.	26.9	3030.3	*	3	1940	813	0.	.0	3013.8	*	6	03151480	0.	.0	3013.8
1	1210	147	61.	26.5	3030.2	*	3	1945	814	0.	.0	3013.8	*	6	03201481	0.	.0	3013.8
1	1215	148	61.	26.0	3030.1	*	3	1950	815	0.	.0	3013.8	*	6	03251482	0.	.0	3013.8
1	1220	149	61.	25.6	3030.1	*	3	1955	816	0.	.0	3013.8	*	6	03301483	0.	.0	3013.8
1	1225	150	61.	25.2	3030.0	*	3	2000	817	0.	.0	3013.8	*	6	03351484	0.	.0	3013.8
1	1230	151	60.	24.8	3029.9	*	3	2005	818	0.	.0	3013.8	*	6	03401485	0.	.0	3013.8
1	1235	152	60.	24.4	3029.9	*	3	2010	819	0.	.0	3013.8	*	6	03451486	0.	.0	3013.8
1	1240	153	60.	24.0	3029.8	*	3	2015	820	0.	.0	3013.8	*	6	03501487	0.	.0	3013.8
1	1245	154	60.	23.5	3029.7	*	3	2020	821	0.	.0	3013.8	*	6	03551488	0.	.0	3013.8
1	1250	155	60.	23.1	3029.7	*	3	2025	822	0.	.0	3013.8	*	6	04001489	0.	.0	3013.8
1	1255	156	60.	22.7	3029.6	*	3	2030	823	0.	.0	3013.8	*	6	04051490	0.	.0	3013.8
1	1300	157	59.	22.3	3029.5	*	3	2035	824	0.	.0	3013.8	*	6	04101491	0.	.0	3013.8
1	1305	158	59.	21.9	3029.5	*	3	2040	825	0.	.0	3013.8	*	6	04151492	0.	.0	3013.8
1	1310	159	59.	21.5	3029.4	*	3	2045	826	0.	.0	3013.8	*	6	04201493	0.	.0	3013.8
1	1315	160	59.	21.1	3029.3	*	3	2050	827	0.	.0	3013.8	*	6	04251494	0.	.0	3013.8
1	1320	161	59.	20.7	3029.3	*	3	2055	828	0.	.0	3013.8	*	6	04301495	0.	.0	3013.8
1	1325	162	59.	20.3	3029.2	*	3	2100	829	0.	.0	3013.8	*	6	04351496	0.	.0	3013.8
1	1330	163	58.	19.9	3029.1	*	3	2105	830	0.	.0	3013.8	*	6	04401497	0.	.0	3013.8
1	1335	164	58.	19.5	3029.1	*	3	2110	831	0.	.0	3013.8	*	6	04451498	0.	.0	3013.8
1	1340	165	58.	19.1	3029.0	*	3	2115	832	0.	.0	3013.8	*	6	04501499	0.	.0	3013.8
1	1345	166	58.	18.7	3028.9	*	3	2120	833	0.	.0	3013.8	*	6	04551500	0.	.0	3013.8
1	1350	167	58.	18.3	3028.8	*	3	2125	834	0.	.0	3013.8	*	6	05001501	0.	.0	3013.8
1	1355	168	58.	17.9	3028.8	*	3	2130	835	0.	.0	3013.8	*	6	05051502	0.	.0	3013.8
1	1400	169	57.	17.5	3028.7	*	3	2135	836	0.	.0	3013.8	*	6	05101503	0.	.0	3013.8
1	1405	170	57.	17.1	3028.6	*	3	2140	837	0.	.0	3013.8	*	6	05151504	0.	.0	3013.8
1	1410	171	57.	16.7	3028.6	*	3	2145	838	0.	.0	3013.8	*	6	05201505	0.	.0	3013.8
1	1415	172	57.	16.3	3028.5	*	3	2150	839	0.	.0	3013.8	*	6	05251506	0.	.0	3013.8
1	1420	173	57.	15.9	3028.4	*	3	2155	840	0.	.0	3013.8	*	6	05301507	0.	.0	3013.8
1	1425	174	57.	15.5	3028.4	*	3	2200	841	0.	.0	3013.8	*	6	05351508	0.	.0	3013.8
1	1430	175	56.	15.1	3028.3	*	3	2205	842	0.	.0	3013.8	*	6	05401509	0.	.0	3013.8
1	1435	176	56.	14.7	3028.2	*	3	2210	843	0.	.0	3013.8	*	6	05451510	0.	.0	3013.8
1	1440	177	56.	14.3	3028.2	*	3	2215	844	0.	.0	3013.8	*	6	05501511	0.	.0	3013.8
1	1445	178	56.	14.0	3028.1	*	3	2220	845	0.	.0	3013.8	*	6	05551512	0.	.0	3013.8
1	1450	179	56.	13.6	3028.0	*	3	2225	846	0.	.0	3013.8	*	6	06001513	0.	.0	3013.8
1	1455	180	56.	13.2	3028.0	*	3	2230	847	0.	.0	3013.8	*	6	06051514	0.	.0	3013.8
1	1500	181	55.	12.8	3027.9	*	3	2235	848	0.	.0	3013.8	*	6	06101515	0.	.0	3013.8
1	1505	182	55.	12.4	3027.8	*	3	2240	849	0.	.0	3013.8	*	6	06151516	0.	.0	3013.8
1	1510	183	55.	12.1	3027.8	*	3	2245	850	0.	.0	3013.8	*	6	06201517	0.	.0	3013.8
1	1515	184	55.	11.7	3027.7	*	3	2250	851	0.	.0	3013.8	*	6	06251518	0.	.0	3013.8
1	1520	185	55.	11.3	3027.6	*	3	2255	852	0.	.0	3013.8	*	6	06301519	0.	.0	3013.8
1	1525	186	55.	10.9	3027.6	*	3	2300	853	0.	.0	3013.8	*	6	06351520	0.	.0	3013.8

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1	1530	187	54.	10.5	3027.5	*	3	2305	854	0.	.0	3013.8	*	6	06401521	0.	.0	3013.8	
1	1535	188	54.	10.2	3027.4	*	3	2310	855	0.	.0	3013.8	*	6	06451522	0.	.0	3013.8	
1	1540	189	54.	9.8	3027.4	*	3	2315	856	0.	.0	3013.8	*	6	06501523	0.	.0	3013.8	
1	1545	190	54.	9.4	3027.3	*	3	2320	857	0.	.0	3013.8	*	6	06551524	0.	.0	3013.8	
1	1550	191	54.	9.0	3027.2	*	3	2325	858	0.	.0	3013.8	*	6	07001525	0.	.0	3013.8	
1	1555	192	54.	8.7	3027.2	*	3	2330	859	0.	.0	3013.8	*	6	07051526	0.	.0	3013.8	
1	1600	193	53.	8.3	3027.1	*	3	2335	860	0.	.0	3013.8	*	6	07101527	0.	.0	3013.8	
1	1605	194	53.	7.9	3027.0	*	3	2340	861	0.	.0	3013.8	*	6	07151528	0.	.0	3013.8	
1	1610	195	53.	7.6	3027.0	*	3	2345	862	0.	.0	3013.8	*	6	07201529	0.	.0	3013.8	
1	1615	196	53.	7.2	3026.9	*	3	2350	863	0.	.0	3013.8	*	6	07251530	0.	.0	3013.8	
1	1620	197	53.	6.8	3026.8	*	3	2355	864	0.	.0	3013.8	*	6	07301531	0.	.0	3013.8	
1	1625	198	53.	6.5	3026.8	*	4	0000	865	0.	.0	3013.8	*	6	07351532	0.	.0	3013.8	
1	1630	199	52.	6.1	3026.7	*	4	0005	866	0.	.0	3013.8	*	6	07401533	0.	.0	3013.8	
1	1635	200	52.	5.8	3026.6	*	4	0010	867	0.	.0	3013.8	*	6	07451534	0.	.0	3013.8	
1	1640	201	52.	5.4	3026.6	*	4	0015	868	0.	.0	3013.8	*	6	07501535	0.	.0	3013.8	
1	1645	202	52.	5.0	3026.5	*	4	0020	869	0.	.0	3013.8	*	6	07551536	0.	.0	3013.8	
1	1650	203	52.	4.7	3026.4	*	4	0025	870	0.	.0	3013.8	*	6	08001537	0.	.0	3013.8	
1	1655	204	52.	4.3	3026.3	*	4	0030	871	0.	.0	3013.8	*	6	08051538	0.	.0	3013.8	
1	1700	205	51.	4.0	3026.3	*	4	0035	872	0.	.0	3013.8	*	6	08101539	0.	.0	3013.8	
1	1705	206	51.	3.6	3026.2	*	4	0040	873	0.	.0	3013.8	*	6	08151540	0.	.0	3013.8	
1	1710	207	51.	3.3	3026.1	*	4	0045	874	0.	.0	3013.8	*	6	08201541	0.	.0	3013.8	
1	1715	208	51.	2.9	3026.1	*	4	0050	875	0.	.0	3013.8	*	6	08251542	0.	.0	3013.8	
1	1720	209	51.	2.6	3026.0	*	4	0055	876	0.	.0	3013.8	*	6	08301543	0.	.0	3013.8	
1	1725	210	51.	2.2	3025.9	*	4	0100	877	0.	.0	3013.8	*	6	08351544	0.	.0	3013.8	
1	1730	211	50.	1.9	3025.9	*	4	0105	878	0.	.0	3013.8	*	6	08401545	0.	.0	3013.8	
1	1735	212	50.	1.5	3025.8	*	4	0110	879	0.	.0	3013.8	*	6	08451546	0.	.0	3013.8	
1	1740	213	50.	1.2	3025.7	*	4	0115	880	0.	.0	3013.8	*	6	08501547	0.	.0	3013.8	
1	1745	214	50.	.8	3025.7	*	4	0120	881	0.	.0	3013.8	*	6	08551548	0.	.0	3013.8	
1	1750	215	50.	.5	3025.6	*	4	0125	882	0.	.0	3013.8	*	6	09001549	0.	.0	3013.8	
1	1755	216	50.	.1	3025.5	*	4	0130	883	0.	.0	3013.8	*	6	09051550	0.	.0	3013.8	
1	1800	217	0.	.0	3013.8	*	4	0135	884	0.	.0	3013.8	*	6	09101551	0.	.0	3013.8	
1	1805	218	0.	.0	3013.8	*	4	0140	885	0.	.0	3013.8	*	6	09151552	0.	.0	3013.8	
1	1810	219	0.	.0	3013.8	*	4	0145	886	0.	.0	3013.8	*	6	09201553	0.	.0	3013.8	
1	1815	220	0.	.0	3013.8	*	4	0150	887	0.	.0	3013.8	*	6	09251554	0.	.0	3013.8	
1	1820	221	0.	.0	3013.8	*	4	0155	888	0.	.0	3013.8	*	6	09301555	0.	.0	3013.8	
1	1825	222	0.	.0	3013.8	*	4	0200	889	0.	.0	3013.8	*	6	09351556	0.	.0	3013.8	
1	1830	223	0.	.0	3013.8	*	4	0205	890	0.	.0	3013.8	*	6	09401557	0.	.0	3013.8	
1	1835	224	0.	.0	3013.8	*	4	0210	891	0.	.0	3013.8	*	6	09451558	0.	.0	3013.8	
1	1840	225	0.	.0	3013.8	*	4	0215	892	0.	.0	3013.8	*	6	09501559	0.	.0	3013.8	
1	1845	226	0.	.0	3013.8	*	4	0220	893	0.	.0	3013.8	*	6	09551560	0.	.0	3013.8	
1	1850	227	0.	.0	3013.8	*	4	0225	894	0.	.0	3013.8	*	6	10001561	0.	.0	3013.8	
1	1855	228	0.	.0	3013.8	*	4	0230	895	0.	.0	3013.8	*	6	10051562	0.	.0	3013.8	
1	1900	229	0.	.0	3013.8	*	4	0235	896	0.	.0	3013.8	*	6	10101563	0.	.0	3013.8	
1	1905	230	0.	.0	3013.8	*	4	0240	897	0.	.0	3013.8	*	6	10151564	0.	.0	3013.8	
1	1910	231	0.	.0	3013.8	*	4	0245	898	0.	.0	3013.8	*	6	10201565	0.	.0	3013.8	
1	1915	232	0.	.0	3013.8	*	4	0250	899	0.	.0	3013.8	*	6	10251566	0.	.0	3013.8	
1	1920	233	0.	.0	3013.8	*	4	0255	900	0.	.0	3013.8	*	6	10301567	0.	.0	3013.8	
1	1925	234	0.	.0	3013.8	*	4	0300	901	0.	.0	3013.8	*	6	10351568	0.	.0	3013.8	
1	1930	235	0.	.0	3013.8	*	4	0305	902	0.	.0	3013.8	*	6	10401569	0.	.0	3013.8	
1	1935	236	0.	.0	3013.8	*	4	0310	903	0.	.0	3013.8	*	6	10451570	0.	.0	3013.8	
1	1940	237	0.	.0	3013.8	*	4	0315	904	0.	.0	3013.8	*	6	10501571	0.	.0	3013.8	
1	1945	238	0.	.0	3013.8	*	4	0320	905	0.	.0	3013.8	*	6	10551572	0.	.0	3013.8	
1	1950	239	0.	.0	3013.8	*	4	0325	906	0.	.0	3013.8	*	6	11001573	0.	.0	3013.8	
1	1955	240	0.	.0	3013.8	*	4	0330	907	0.	.0	3013.8	*	6	11051574	0.	.0	3013.8	
1	2000	241	0.	.0	3013.8	*	4	0335	908	0.	.0	3013.8	*	6	11101575	0.	.0	3013.8	
1	2005	242	0.	.0	3013.8	*	4	0340	909	0.	.0	3013.8	*	6	11151576	0.	.0	3013.8	
1	2010	243	0.	.0	3013.8	*	4	0345	910	0.	.0	3013.8	*	6	11201577	0.	.0	3013.8	
1	2015	244	0.	.0	3013.8	*	4	0350	911	0.	.0	3013.8	*	6	11251578	0.	.0	3013.8	
1	2020	245	0.	.0	3013.8	*	4	0355	912	0.	.0	3013.8	*	6	11301579	0.	.0	3013.8	
1	2025	246	0.	.0	3013.8	*	4	0400	913	0.	.0	3013.8	*	6	11351580	0.	.0	3013.8	
1	2030	247	0.	.0	3013.8	*	4	0405	914	0.	.0	3013.8	*	6	11401581	0.	.0	3013.8	
1	2035	248	0.	.0	3013.8	*	4	0410	915	0.	.0	3013.8	*	6	11451582	0.	.0	3013.8	
1	2040	249	0.	.0	3013.8	*	4	0415	916	0.	.0	3013.8	*	6	11501583	0.	.0	3013.8	
1	2045	250	0.	.0	3013.8	*	4	0420	917	0.	.0	3013.8	*	6	11551584	0.	.0	3013.8	
1	2050	251	0.	.0	3013.8	*	4	0425	918	0.	.0	3013.8	*	6	12001585	0.	.0	3013.8	
1	2055	252	0.	.0	3013.8	*	4	0430	919	0.	.0	3013.8	*	6	12051586	0.	.0	3013.8	
1	2100	253	0.	.0	3013.8	*	4	0435	920	0.	.0	3013.8	*	6	12101587	0.	.0	3013.8	
1	2105	254	0.	.0	3013.8	*	4	0440	921	0.	.0	3013.8	*	6	12151588	0.	.0	3013.8	
1	2110	255	0.	.0	3013.8	*	4	0445	922	0.	.0	3013.8	*	6	12201589	0.	.0	3013.8	
1	2115	256	0.	.0	3013.8	*	4	0450	923	0.	.0	3013.8	*	6	12251590	0.	.0	3013.8	
1	2120	257	0.	.0	3013.8	*	4	0455	924	0.	.0	3013.8	*	6	12301591	0.	.0	3013.8	
1	2125	258	0.	.0	3013.8	*	4	0500	925	0.	.0	3013.8	*	6	12351592	0.	.0	3013.8	
1	2130	259	0.	.0	3013.8	*	4	0505	926	0.	.0	3013.8	*	6	12401593	0.	.0	3013.8	
1	2135	260	0.	.0	3013.8	*	4	0510	927	0.	.0	3013.8	*	6	12451594	0.	.0	3013.8	
1	2140	261	0.	.0	3013.8	*	4	0515	928	0.	.0	3013.8	*	6	12501595	0.	.0	3013.8	
1	2145	262	0.	.0	3013.8	*	4	0520	929	0.	.0	3013.8	*	6	12551596	0.	.0	3013.8	
1	2150	263	0.	.0	3013.8	*	4	0525	930	0.	.0	3013.8	*	6	13001597	0.	.0	3013.8	
1	2155	264	0.	.0	3013.8	*	4	0530	931	0.	.0	3013.8	*	6	13051598	0.	.0	3013.8	
1	2200	265	0.	.0	3013.8	*	4	0535	932	0.	.0	3013.8	*	6	13101599	0.	.0	3013.8	
1	2205	266	0.	.0	3013.8	*	4	0540	933	0.	.0	3013.8	*	6	13151600	0.	.0	3013.8	
1	2210	267	0.	.0	3013.8	*	4	0545	934	0.	.0	3013.8	*	6	13201601	0.	.0	3013.8	
1	2215	268	0.	.0	3013.8	*	4	0550	935	0.	.0	3013.8	*	6	13251602	0.	.0	3013.8	
1	2220	269	0.	.0	3013.8	*	4	0555	936	0.	.0	3013.8	*	6	13301603	0.	.0	3013.8	
1	2225	270	0.	.0	3013.8	*	4	0600	937	0.	.0	3013.8	*	6	13351604	0.	.0	3013.8	
1	2230	271	0.	.0	3013.8	*	4	0605	938	0.	.0	3013.8	*	6	13401605	0.	.0	3013.8	
1	2235	272	0.	.0	3013.8	*	4	0610	939	0.	.0	3013.8	*	6	13451606	0.	.0	3013.8	
1	2240	273	0.	.0	3013.8	*	4	0615	940	0.	.0	3013.8	*	6	13501607	0.	.0	3013.8	
1	2245	274	0.	.0	3013.8	*	4	0620	941	0.	.0	3013.8	*	6	13551608	0.	.0	3013.8	
1	2250	275	0.	.0	3013.8	*	4	0625	942	0.	.0	3013.8	*	6	14001609	0.	.0	3013.8	

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1	2255	276	0.	.0	3013.8	*	4	0630	943	0.	.0	3013.8	*	6	14051610	0.	.0	3013.8	
1	2300	277	0.	.0	3013.8	*	4	0635	944	0.	.0	3013.8	*	6	14101611	0.	.0	3013.8	
1	2305	278	0.	.0	3013.8	*	4	0640	945	0.	.0	3013.8	*	6	14151612	0.	.0	3013.8	
1	2310	279	0.	.0	3013.8	*	4	0645	946	0.	.0	3013.8	*	6	14201613	0.	.0	3013.8	
1	2315	280	0.	.0	3013.8	*	4	0650	947	0.	.0	3013.8	*	6	14251614	0.	.0	3013.8	
1	2320	281	0.	.0	3013.8	*	4	0655	948	0.	.0	3013.8	*	6	14301615	0.	.0	3013.8	
1	2325	282	0.	.0	3013.8	*	4	0700	949	0.	.0	3013.8	*	6	14351616	0.	.0	3013.8	
1	2330	283	0.	.0	3013.8	*	4	0705	950	0.	.0	3013.8	*	6	14401617	0.	.0	3013.8	
1	2335	284	0.	.0	3013.8	*	4	0710	951	0.	.0	3013.8	*	6	14451618	0.	.0	3013.8	
1	2340	285	0.	.0	3013.8	*	4	0715	952	0.	.0	3013.8	*	6	14501619	0.	.0	3013.8	
1	2345	286	0.	.0	3013.8	*	4	0720	953	0.	.0	3013.8	*	6	14551620	0.	.0	3013.8	
1	2350	287	0.	.0	3013.8	*	4	0725	954	0.	.0	3013.8	*	6	15001621	0.	.0	3013.8	
1	2355	288	0.	.0	3013.8	*	4	0730	955	0.	.0	3013.8	*	6	15051622	0.	.0	3013.8	
2	0000	289	0.	.0	3013.8	*	4	0735	956	0.	.0	3013.8	*	6	15101623	0.	.0	3013.8	
2	0005	290	0.	.0	3013.8	*	4	0740	957	0.	.0	3013.8	*	6	15151624	0.	.0	3013.8	
2	0010	291	0.	.0	3013.8	*	4	0745	958	0.	.0	3013.8	*	6	15201625	0.	.0	3013.8	
2	0015	292	0.	.0	3013.8	*	4	0750	959	0.	.0	3013.8	*	6	15251626	0.	.0	3013.8	
2	0020	293	0.	.0	3013.8	*	4	0755	960	0.	.0	3013.8	*	6	15301627	0.	.0	3013.8	
2	0025	294	0.	.0	3013.8	*	4	0800	961	0.	.0	3013.8	*	6	15351628	0.	.0	3013.8	
2	0030	295	0.	.0	3013.8	*	4	0805	962	0.	.0	3013.8	*	6	15401629	0.	.0	3013.8	
2	0035	296	0.	.0	3013.8	*	4	0810	963	0.	.0	3013.8	*	6	15451630	0.	.0	3013.8	
2	0040	297	0.	.0	3013.8	*	4	0815	964	0.	.0	3013.8	*	6	15501631	0.	.0	3013.8	
2	0045	298	0.	.0	3013.8	*	4	0820	965	0.	.0	3013.8	*	6	15551632	0.	.0	3013.8	
2	0050	299	0.	.0	3013.8	*	4	0825	966	0.	.0	3013.8	*	6	16001633	0.	.0	3013.8	
2	0055	300	0.	.0	3013.8	*	4	0830	967	0.	.0	3013.8	*	6	16051634	0.	.0	3013.8	
2	0100	301	0.	.0	3013.8	*	4	0835	968	0.	.0	3013.8	*	6	16101635	0.	.0	3013.8	
2	0105	302	0.	.0	3013.8	*	4	0840	969	0.	.0	3013.8	*	6	16151636	0.	.0	3013.8	
2	0110	303	0.	.0	3013.8	*	4	0845	970	0.	.0	3013.8	*	6	16201637	0.	.0	3013.8	
2	0115	304	0.	.0	3013.8	*	4	0850	971	0.	.0	3013.8	*	6	16251638	0.	.0	3013.8	
2	0120	305	0.	.0	3013.8	*	4	0855	972	0.	.0	3013.8	*	6	16301639	0.	.0	3013.8	
2	0125	306	0.	.0	3013.8	*	4	0900	973	0.	.0	3013.8	*	6	16351640	0.	.0	3013.8	
2	0130	307	0.	.0	3013.8	*	4	0905	974	0.	.0	3013.8	*	6	16401641	0.	.0	3013.8	
2	0135	308	0.	.0	3013.8	*	4	0910	975	0.	.0	3013.8	*	6	16451642	0.	.0	3013.8	
2	0140	309	0.	.0	3013.8	*	4	0915	976	0.	.0	3013.8	*	6	16501643	0.	.0	3013.8	
2	0145	310	0.	.0	3013.8	*	4	0920	977	0.	.0	3013.8	*	6	16551644	0.	.0	3013.8	
2	0150	311	0.	.0	3013.8	*	4	0925	978	0.	.0	3013.8	*	6	17001645	0.	.0	3013.8	
2	0155	312	0.	.0	3013.8	*	4	0930	979	0.	.0	3013.8	*	6	17051646	0.	.0	3013.8	
2	0200	313	0.	.0	3013.8	*	4	0935	980	0.	.0	3013.8	*	6	17101647	0.	.0	3013.8	
2	0205	314	0.	.0	3013.8	*	4	0940	981	0.	.0	3013.8	*	6	17151648	0.	.0	3013.8	
2	0210	315	0.	.0	3013.8	*	4	0945	982	0.	.0	3013.8	*	6	17201649	0.	.0	3013.8	
2	0215	316	0.	.0	3013.8	*	4	0950	983	0.	.0	3013.8	*	6	17251650	0.	.0	3013.8	
2	0220	317	0.	.0	3013.8	*	4	0955	984	0.	.0	3013.8	*	6	17301651	0.	.0	3013.8	
2	0225	318	0.	.0	3013.8	*	4	1000	985	0.	.0	3013.8	*	6	17351652	0.	.0	3013.8	
2	0230	319	0.	.0	3013.8	*	4	1005	986	0.	.0	3013.8	*	6	17401653	0.	.0	3013.8	
2	0235	320	0.	.0	3013.8	*	4	1010	987	0.	.0	3013.8	*	6	17451654	0.	.0	3013.8	
2	0240	321	0.	.0	3013.8	*	4	1015	988	0.	.0	3013.8	*	6	17501655	0.	.0	3013.8	
2	0245	322	0.	.0	3013.8	*	4	1020	989	0.	.0	3013.8	*	6	17551656	0.	.0	3013.8	
2	0250	323	0.	.0	3013.8	*	4	1025	990	0.	.0	3013.8	*	6	18001657	0.	.0	3013.8	
2	0255	324	0.	.0	3013.8	*	4	1030	991	0.	.0	3013.8	*	6	18051658	0.	.0	3013.8	
2	0300	325	0.	.0	3013.8	*	4	1035	992	0.	.0	3013.8	*	6	18101659	0.	.0	3013.8	
2	0305	326	0.	.0	3013.8	*	4	1040	993	0.	.0	3013.8	*	6	18151660	0.	.0	3013.8	
2	0310	327	0.	.0	3013.8	*	4	1045	994	0.	.0	3013.8	*	6	18201661	0.	.0	3013.8	
2	0315	328	0.	.0	3013.8	*	4	1050	995	0.	.0	3013.8	*	6	18251662	0.	.0	3013.8	
2	0320	329	0.	.0	3013.8	*	4	1055	996	0.	.0	3013.8	*	6	18301663	0.	.0	3013.8	
2	0325	330	0.	.0	3013.8	*	4	1100	997	0.	.0	3013.8	*	6	18351664	0.	.0	3013.8	
2	0330	331	0.	.0	3013.8	*	4	1105	998	0.	.0	3013.8	*	6	18401665	0.	.0	3013.8	
2	0335	332	0.	.0	3013.8	*	4	1110	999	0.	.0	3013.8	*	6	18451666	0.	.0	3013.8	
2	0340	333	0.	.0	3013.8	*	4	11151000		0.	.0	3013.8	*	6	18501667	0.	.0	3013.8	
2	0345	334	0.	.0	3013.8	*	4	11201001		0.	.0	3013.8	*	6	18551668	0.	.0	3013.8	
2	0350	335	0.	.0	3013.8	*	4	11251002		0.	.0	3013.8	*	6	19001669	0.	.0	3013.8	
2	0355	336	0.	.0	3013.8	*	4	11301003		0.	.0	3013.8	*	6	19051670	0.	.0	3013.8	
2	0400	337	0.	.0	3013.8	*	4	11351004		0.	.0	3013.8	*	6	19101671	0.	.0	3013.8	
2	0405	338	0.	.0	3013.8	*	4	11401005		0.	.0	3013.8	*	6	19151672	0.	.0	3013.8	
2	0410	339	0.	.0	3013.8	*	4	11451006		0.	.0	3013.8	*	6	19201673	0.	.0	3013.8	
2	0415	340	0.	.0	3013.8	*	4	11501007		0.	.0	3013.8	*	6	19251674	0.	.0	3013.8	
2	0420	341	0.	.0	3013.8	*	4	11551008		0.	.0	3013.8	*	6	19301675	0.	.0	3013.8	
2	0425	342	0.	.0	3013.8	*	4	12001009		0.	.0	3013.8	*	6	19351676	0.	.0	3013.8	
2	0430	343	0.	.0	3013.8	*	4	12051010		0.	.0	3013.8	*	6	19401677	0.	.0	3013.8	
2	0435	344	0.	.0	3013.8	*	4	12101011		0.	.0	3013.8	*	6	19451678	0.	.0	3013.8	
2	0440	345	0.	.0	3013.8	*	4	12151012		0.	.0	3013.8	*	6	19501679	0.	.0	3013.8	
2	0445	346	0.	.0	3013.8	*	4	12201013		0.	.0	3013.8	*	6	19551680	0.	.0	3013.8	
2	0450	347	0.	.0	3013.8	*	4	12251014		0.	.0	3013.8	*	6	20001681	0.	.0	3013.8	
2	0455	348	0.	.0	3013.8	*	4	12301015		0.	.0	3013.8	*	6	20051682	0.	.0	3013.8	
2	0500	349	0.	.0	3013.8	*	4	12351016		0.	.0	3013.8	*	6	20101683	0.	.0	3013.8	
2	0505	350	0.	.0	3013.8	*	4	12401017		0.	.0	3013.8	*	6	20151684	0.	.0	3013.8	
2	0510	351	0.	.0	3013.8	*	4	12451018		0.	.0	3013.8	*	6	20201685	0.	.0	3013.8	
2	0515	352	0.	.0	3013.8	*	4	12501019		0.	.0	3013.8	*	6	20251686	0.	.0	3013.8	
2	0520	353	0.	.0	3013.8	*	4	12551020		0.	.0	3013.8	*	6	20301687	0.	.0	3013.8	
2	0525	354	0.	.0	3013.8	*	4	13001021		0.	.0	3013.8	*	6	20351688	0.	.0	3013.8	
2	0530	355	0.	.0	3013.8	*	4	13051022		0.	.0	3013.8	*	6	20401689	0.	.0	3013.8	
2	0535	356	0.	.0	3013.8	*	4	13101023		0.	.0	3013.8	*	6	20451690	0.	.0	3013.8	
2	0540	357	0.	.0	3013.8	*	4	13151024		0.	.0	3013.8	*	6	20501691	0.	.0	3013.8	
2	0545	358	0.	.0	3013.8	*	4	13201025		0.	.0	3013.8	*	6	20551692	0.	.0	3013.8	
2	0550	359	0.	.0	3013.8	*	4	13251026		0.	.0	3013.8	*	6	21001693	0.	.0	3013.8	
2	0555	360	0.	.0	3013.8	*	4	13301027		0.	.0	3013.8	*	6	21051694	0.	.0	3013.8	
2	0600	361	0.	.0	3013.8	*	4	13351028		0.	.0	3013.8	*	6	21101695	0.	.0	3013.8	
2	0605	362	0.	.0	3013.8	*	4	13401029		0.	.0	3013.8	*	6	21151696	0.	.0	3013.8	
2	0610	363	0.	.0	3013.8	*	4	13451030		0.	.0	3013.8	*	6	21201697	0.	.0	3013.8	
2	0615	364	0.	.0	3013.8	*	4	13501031		0.	.0	3013.8	*	6	21251698	0.	.0	3013.8	

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2	0620	365	0.	.0	3013.8	* 4	13551032	0.	.0	3013.8	* 6	21301699	0.	.0	3013.8	
2	0625	366	0.	.0	3013.8	* 4	14001033	0.	.0	3013.8	* 6	21351700	0.	.0	3013.8	
2	0630	367	0.	.0	3013.8	* 4	14051034	0.	.0	3013.8	* 6	21401701	0.	.0	3013.8	
2	0635	368	0.	.0	3013.8	* 4	14101035	0.	.0	3013.8	* 6	21451702	0.	.0	3013.8	
2	0640	369	0.	.0	3013.8	* 4	14151036	0.	.0	3013.8	* 6	21501703	0.	.0	3013.8	
2	0645	370	0.	.0	3013.8	* 4	14201037	0.	.0	3013.8	* 6	21551704	0.	.0	3013.8	
2	0650	371	0.	.0	3013.8	* 4	14251038	0.	.0	3013.8	* 6	22001705	0.	.0	3013.8	
2	0655	372	0.	.0	3013.8	* 4	14301039	0.	.0	3013.8	* 6	22051706	0.	.0	3013.8	
2	0700	373	0.	.0	3013.8	* 4	14351040	0.	.0	3013.8	* 6	22101707	0.	.0	3013.8	
2	0705	374	0.	.0	3013.8	* 4	14401041	0.	.0	3013.8	* 6	22151708	0.	.0	3013.8	
2	0710	375	0.	.0	3013.8	* 4	14451042	0.	.0	3013.8	* 6	22201709	0.	.0	3013.8	
2	0715	376	0.	.0	3013.8	* 4	14501043	0.	.0	3013.8	* 6	22251710	0.	.0	3013.8	
2	0720	377	0.	.0	3013.8	* 4	14551044	0.	.0	3013.8	* 6	22301711	0.	.0	3013.8	
2	0725	378	0.	.0	3013.8	* 4	15001045	0.	.0	3013.8	* 6	22351712	0.	.0	3013.8	
2	0730	379	0.	.0	3013.8	* 4	15051046	0.	.0	3013.8	* 6	22401713	0.	.0	3013.8	
2	0735	380	0.	.0	3013.8	* 4	15101047	0.	.0	3013.8	* 6	22451714	0.	.0	3013.8	
2	0740	381	0.	.0	3013.8	* 4	15151048	0.	.0	3013.8	* 6	22501715	0.	.0	3013.8	
2	0745	382	0.	.0	3013.8	* 4	15201049	0.	.0	3013.8	* 6	22551716	0.	.0	3013.8	
2	0750	383	0.	.0	3013.8	* 4	15251050	0.	.0	3013.8	* 6	23001717	0.	.0	3013.8	
2	0755	384	0.	.0	3013.8	* 4	15301051	0.	.0	3013.8	* 6	23051718	0.	.0	3013.8	
2	0800	385	0.	.0	3013.8	* 4	15351052	0.	.0	3013.8	* 6	23101719	0.	.0	3013.8	
2	0805	386	0.	.0	3013.8	* 4	15401053	0.	.0	3013.8	* 6	23151720	0.	.0	3013.8	
2	0810	387	0.	.0	3013.8	* 4	15451054	0.	.0	3013.8	* 6	23201721	0.	.0	3013.8	
2	0815	388	0.	.0	3013.8	* 4	15501055	0.	.0	3013.8	* 6	23251722	0.	.0	3013.8	
2	0820	389	0.	.0	3013.8	* 4	15551056	0.	.0	3013.8	* 6	23301723	0.	.0	3013.8	
2	0825	390	0.	.0	3013.8	* 4	16001057	0.	.0	3013.8	* 6	23351724	0.	.0	3013.8	
2	0830	391	0.	.0	3013.8	* 4	16051058	0.	.0	3013.8	* 6	23401725	0.	.0	3013.8	
2	0835	392	0.	.0	3013.8	* 4	16101059	0.	.0	3013.8	* 6	23451726	0.	.0	3013.8	
2	0840	393	0.	.0	3013.8	* 4	16151060	0.	.0	3013.8	* 6	23501727	0.	.0	3013.8	
2	0845	394	0.	.0	3013.8	* 4	16201061	0.	.0	3013.8	* 6	23551728	0.	.0	3013.8	
2	0850	395	0.	.0	3013.8	* 4	16251062	0.	.0	3013.8	* 7	00001729	0.	.0	3013.8	
2	0855	396	0.	.0	3013.8	* 4	16301063	0.	.0	3013.8	* 7	00051730	0.	.0	3013.8	
2	0900	397	0.	.0	3013.8	* 4	16351064	0.	.0	3013.8	* 7	00101731	0.	.0	3013.8	
2	0905	398	0.	.0	3013.8	* 4	16401065	0.	.0	3013.8	* 7	00151732	0.	.0	3013.8	
2	0910	399	0.	.0	3013.8	* 4	16451066	0.	.0	3013.8	* 7	00201733	0.	.0	3013.8	
2	0915	400	0.	.0	3013.8	* 4	16501067	0.	.0	3013.8	* 7	00251734	0.	.0	3013.8	
2	0920	401	0.	.0	3013.8	* 4	16551068	0.	.0	3013.8	* 7	00301735	0.	.0	3013.8	
2	0925	402	0.	.0	3013.8	* 4	17001069	0.	.0	3013.8	* 7	00351736	0.	.0	3013.8	
2	0930	403	0.	.0	3013.8	* 4	17051070	0.	.0	3013.8	* 7	00401737	0.	.0	3013.8	
2	0935	404	0.	.0	3013.8	* 4	17101071	0.	.0	3013.8	* 7	00451738	0.	.0	3013.8	
2	0940	405	0.	.0	3013.8	* 4	17151072	0.	.0	3013.8	* 7	00501739	0.	.0	3013.8	
2	0945	406	0.	.0	3013.8	* 4	17201073	0.	.0	3013.8	* 7	00551740	0.	.0	3013.8	
2	0950	407	0.	.0	3013.8	* 4	17251074	0.	.0	3013.8	* 7	01001741	0.	.0	3013.8	
2	0955	408	0.	.0	3013.8	* 4	17301075	0.	.0	3013.8	* 7	01051742	0.	.0	3013.8	
2	1000	409	0.	.0	3013.8	* 4	17351076	0.	.0	3013.8	* 7	01101743	0.	.0	3013.8	
2	1005	410	0.	.0	3013.8	* 4	17401077	0.	.0	3013.8	* 7	01151744	0.	.0	3013.8	
2	1010	411	0.	.0	3013.8	* 4	17451078	0.	.0	3013.8	* 7	01201745	0.	.0	3013.8	
2	1015	412	0.	.0	3013.8	* 4	17501079	0.	.0	3013.8	* 7	01251746	0.	.0	3013.8	
2	1020	413	0.	.0	3013.8	* 4	17551080	0.	.0	3013.8	* 7	01301747	0.	.0	3013.8	
2	1025	414	0.	.0	3013.8	* 4	18001081	0.	.0	3013.8	* 7	01351748	0.	.0	3013.8	
2	1030	415	0.	.0	3013.8	* 4	18051082	0.	.0	3013.8	* 7	01401749	0.	.0	3013.8	
2	1035	416	0.	.0	3013.8	* 4	18101083	0.	.0	3013.8	* 7	01451750	0.	.0	3013.8	
2	1040	417	0.	.0	3013.8	* 4	18151084	0.	.0	3013.8	* 7	01501751	0.	.0	3013.8	
2	1045	418	0.	.0	3013.8	* 4	18201085	0.	.0	3013.8	* 7	01551752	0.	.0	3013.8	
2	1050	419	0.	.0	3013.8	* 4	18251086	0.	.0	3013.8	* 7	02001753	0.	.0	3013.8	
2	1055	420	0.	.0	3013.8	* 4	18301087	0.	.0	3013.8	* 7	02051754	0.	.0	3013.8	
2	1100	421	0.	.0	3013.8	* 4	18351088	0.	.0	3013.8	* 7	02101755	0.	.0	3013.8	
2	1105	422	0.	.0	3013.8	* 4	18401089	0.	.0	3013.8	* 7	02151756	0.	.0	3013.8	
2	1110	423	0.	.0	3013.8	* 4	18451090	0.	.0	3013.8	* 7	02201757	0.	.0	3013.8	
2	1115	424	0.	.0	3013.8	* 4	18501091	0.	.0	3013.8	* 7	02251758	0.	.0	3013.8	
2	1120	425	0.	.0	3013.8	* 4	18551092	0.	.0	3013.8	* 7	02301759	0.	.0	3013.8	
2	1125	426	0.	.0	3013.8	* 4	19001093	0.	.0	3013.8	* 7	02351760	0.	.0	3013.8	
2	1130	427	0.	.0	3013.8	* 4	19051094	0.	.0	3013.8	* 7	02401761	0.	.0	3013.8	
2	1135	428	0.	.0	3013.8	* 4	19101095	0.	.0	3013.8	* 7	02451762	0.	.0	3013.8	
2	1140	429	0.	.0	3013.8	* 4	19151096	0.	.0	3013.8	* 7	02501763	0.	.0	3013.8	
2	1145	430	0.	.0	3013.8	* 4	19201097	0.	.0	3013.8	* 7	02551764	0.	.0	3013.8	
2	1150	431	0.	.0	3013.8	* 4	19251098	0.	.0	3013.8	* 7	03001765	0.	.0	3013.8	
2	1155	432	0.	.0	3013.8	* 4	19301099	0.	.0	3013.8	* 7	03051766	0.	.0	3013.8	
2	1200	433	0.	.0	3013.8	* 4	19351100	0.	.0	3013.8	* 7	03101767	0.	.0	3013.8	
2	1205	434	0.	.0	3013.8	* 4	19401101	0.	.0	3013.8	* 7	03151768	0.	.0	3013.8	
2	1210	435	0.	.0	3013.8	* 4	19451102	0.	.0	3013.8	* 7	03201769	0.	.0	3013.8	
2	1215	436	0.	.0	3013.8	* 4	19501103	0.	.0	3013.8	* 7	03251770	0.	.0	3013.8	
2	1220	437	0.	.0	3013.8	* 4	19551104	0.	.0	3013.8	* 7	03301771	0.	.0	3013.8	
2	1225	438	0.	.0	3013.8	* 4	20001105	0.	.0	3013.8	* 7	03351772	0.	.0	3013.8	
2	1230	439	0.	.0	3013.8	* 4	20051106	0.	.0	3013.8	* 7	03401773	0.	.0	3013.8	
2	1235	440	0.	.0	3013.8	* 4	20101107	0.	.0	3013.8	* 7	03451774	0.	.0	3013.8	
2	1240	441	0.	.0	3013.8	* 4	20151108	0.	.0	3013.8	* 7	03501775	0.	.0	3013.8	
2	1245	442	0.	.0	3013.8	* 4	20201109	0.	.0	3013.8	* 7	03551776	0.	.0	3013.8	
2	1250	443	0.	.0	3013.8	* 4	20251110	0.	.0	3013.8	* 7	04001777	0.	.0	3013.8	
2	1255	444	0.	.0	3013.8	* 4	20301111	0.	.0	3013.8	* 7	04051778	0.	.0	3013.8	
2	1300	445	0.	.0	3013.8	* 4	20351112	0.	.0	3013.8	* 7	04101779	0.	.0	3013.8	
2	1305	446	0.	.0	3013.8	* 4	20401113	0.	.0	3013.8	* 7	04151780	0.	.0	3013.8	
2	1310	447	0.	.0	3013.8	* 4	20451114	0.	.0	3013.8	* 7	04201781	0.	.0	3013.8	
2	1315	448	0.	.0	3013.8	* 4	20501115	0.	.0	3013.8	* 7	04251782	0.	.0	3013.8	
2	1320	449	0.	.0	3013.8	* 4	20551116	0.	.0	3013.8	* 7	04301783	0.	.0	3013.8	
2	1325	450	0.	.0	3013.8	* 4	21001117	0.	.0	3013.8	* 7	04351784	0.	.0	3013.8	
2	1330	451	0.	.0	3013.8	* 4	21051118	0.	.0	3013.8	* 7	04401785	0.	.0	3013.8	
2	1335	452	0.	.0	3013.8	* 4	21101119	0.	.0	3013.8	* 7	04451786	0.	.0	3013.8	
2	1340	453	0.	.0	3013.8	* 4	21151120	0.	.0	3013.8	* 7	04501787	0.	.0	3013.8	

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2	1345	454	0.	.0	3013.8	4	21201121	0.	.0	3013.8	7	04551788	0.	.0	3013.8
2	1350	455	0.	.0	3013.8	4	21251122	0.	.0	3013.8	7	05001789	0.	.0	3013.8
2	1355	456	0.	.0	3013.8	4	21301123	0.	.0	3013.8	7	05051790	0.	.0	3013.8
2	1400	457	0.	.0	3013.8	4	21351124	0.	.0	3013.8	7	05101791	0.	.0	3013.8
2	1405	458	0.	.0	3013.8	4	21401125	0.	.0	3013.8	7	05151792	0.	.0	3013.8
2	1410	459	0.	.0	3013.8	4	21451126	0.	.0	3013.8	7	05201793	0.	.0	3013.8
2	1415	460	0.	.0	3013.8	4	21501127	0.	.0	3013.8	7	05251794	0.	.0	3013.8
2	1420	461	0.	.0	3013.8	4	21551128	0.	.0	3013.8	7	05301795	0.	.0	3013.8
2	1425	462	0.	.0	3013.8	4	22001129	0.	.0	3013.8	7	05351796	0.	.0	3013.8
2	1430	463	0.	.0	3013.8	4	22051130	0.	.0	3013.8	7	05401797	0.	.0	3013.8
2	1435	464	0.	.0	3013.8	4	22101131	0.	.0	3013.8	7	05451798	0.	.0	3013.8
2	1440	465	0.	.0	3013.8	4	22151132	0.	.0	3013.8	7	05501799	0.	.0	3013.8
2	1445	466	0.	.0	3013.8	4	22201133	0.	.0	3013.8	7	05551800	0.	.0	3013.8
2	1450	467	0.	.0	3013.8	4	22251134	0.	.0	3013.8	7	06001801	0.	.0	3013.8
2	1455	468	0.	.0	3013.8	4	22301135	0.	.0	3013.8	7	06051802	0.	.0	3013.8
2	1500	469	0.	.0	3013.8	4	22351136	0.	.0	3013.8	7	06101803	0.	.0	3013.8
2	1505	470	0.	.0	3013.8	4	22401137	0.	.0	3013.8	7	06151804	0.	.0	3013.8
2	1510	471	0.	.0	3013.8	4	22451138	0.	.0	3013.8	7	06201805	0.	.0	3013.8
2	1515	472	0.	.0	3013.8	4	22501139	0.	.0	3013.8	7	06251806	0.	.0	3013.8
2	1520	473	0.	.0	3013.8	4	22551140	0.	.0	3013.8	7	06301807	0.	.0	3013.8
2	1525	474	0.	.0	3013.8	4	23001141	0.	.0	3013.8	7	06351808	0.	.0	3013.8
2	1530	475	0.	.0	3013.8	4	23051142	0.	.0	3013.8	7	06401809	0.	.0	3013.8
2	1535	476	0.	.0	3013.8	4	23101143	0.	.0	3013.8	7	06451810	0.	.0	3013.8
2	1540	477	0.	.0	3013.8	4	23151144	0.	.0	3013.8	7	06501811	0.	.0	3013.8
2	1545	478	0.	.0	3013.8	4	23201145	0.	.0	3013.8	7	06551812	0.	.0	3013.8
2	1550	479	0.	.0	3013.8	4	23251146	0.	.0	3013.8	7	07001813	0.	.0	3013.8
2	1555	480	0.	.0	3013.8	4	23301147	0.	.0	3013.8	7	07051814	0.	.0	3013.8
2	1600	481	0.	.0	3013.8	4	23351148	0.	.0	3013.8	7	07101815	0.	.0	3013.8
2	1605	482	0.	.0	3013.8	4	23401149	0.	.0	3013.8	7	07151816	0.	.0	3013.8
2	1610	483	0.	.0	3013.8	4	23451150	0.	.0	3013.8	7	07201817	0.	.0	3013.8
2	1615	484	0.	.0	3013.8	4	23501151	0.	.0	3013.8	7	07251818	0.	.0	3013.8
2	1620	485	0.	.0	3013.8	4	23551152	0.	.0	3013.8	7	07301819	0.	.0	3013.8
2	1625	486	0.	.0	3013.8	5	00001153	0.	.0	3013.8	7	07351820	0.	.0	3013.8
2	1630	487	0.	.0	3013.8	5	00051154	0.	.0	3013.8	7	07401821	0.	.0	3013.8
2	1635	488	0.	.0	3013.8	5	00101155	0.	.0	3013.8	7	07451822	0.	.0	3013.8
2	1640	489	0.	.0	3013.8	5	00151156	0.	.0	3013.8	7	07501823	0.	.0	3013.8
2	1645	490	0.	.0	3013.8	5	00201157	0.	.0	3013.8	7	07551824	0.	.0	3013.8
2	1650	491	0.	.0	3013.8	5	00251158	0.	.0	3013.8	7	08001825	0.	.0	3013.8
2	1655	492	0.	.0	3013.8	5	00301159	0.	.0	3013.8	7	08051826	0.	.0	3013.8
2	1700	493	0.	.0	3013.8	5	00351160	0.	.0	3013.8	7	08101827	0.	.0	3013.8
2	1705	494	0.	.0	3013.8	5	00401161	0.	.0	3013.8	7	08151828	0.	.0	3013.8
2	1710	495	0.	.0	3013.8	5	00451162	0.	.0	3013.8	7	08201829	0.	.0	3013.8
2	1715	496	0.	.0	3013.8	5	00501163	0.	.0	3013.8	7	08251830	0.	.0	3013.8
2	1720	497	0.	.0	3013.8	5	00551164	0.	.0	3013.8	7	08301831	0.	.0	3013.8
2	1725	498	0.	.0	3013.8	5	01001165	0.	.0	3013.8	7	08351832	0.	.0	3013.8
2	1730	499	0.	.0	3013.8	5	01051166	0.	.0	3013.8	7	08401833	0.	.0	3013.8
2	1735	500	0.	.0	3013.8	5	01101167	0.	.0	3013.8	7	08451834	0.	.0	3013.8
2	1740	501	0.	.0	3013.8	5	01151168	0.	.0	3013.8	7	08501835	0.	.0	3013.8
2	1745	502	0.	.0	3013.8	5	01201169	0.	.0	3013.8	7	08551836	0.	.0	3013.8
2	1750	503	0.	.0	3013.8	5	01251170	0.	.0	3013.8	7	09001837	0.	.0	3013.8
2	1755	504	0.	.0	3013.8	5	01301171	0.	.0	3013.8	7	09051838	0.	.0	3013.8
2	1800	505	0.	.0	3013.8	5	01351172	0.	.0	3013.8	7	09101839	0.	.0	3013.8
2	1805	506	0.	.0	3013.8	5	01401173	0.	.0	3013.8	7	09151840	0.	.0	3013.8
2	1810	507	0.	.0	3013.8	5	01451174	0.	.0	3013.8	7	09201841	0.	.0	3013.8
2	1815	508	0.	.0	3013.8	5	01501175	0.	.0	3013.8	7	09251842	0.	.0	3013.8
2	1820	509	0.	.0	3013.8	5	01551176	0.	.0	3013.8	7	09301843	0.	.0	3013.8
2	1825	510	0.	.0	3013.8	5	02001177	0.	.0	3013.8	7	09351844	0.	.0	3013.8
2	1830	511	0.	.0	3013.8	5	02051178	0.	.0	3013.8	7	09401845	0.	.0	3013.8
2	1835	512	0.	.0	3013.8	5	02101179	0.	.0	3013.8	7	09451846	0.	.0	3013.8
2	1840	513	0.	.0	3013.8	5	02151180	0.	.0	3013.8	7	09501847	0.	.0	3013.8
2	1845	514	0.	.0	3013.8	5	02201181	0.	.0	3013.8	7	09551848	0.	.0	3013.8
2	1850	515	0.	.0	3013.8	5	02251182	0.	.0	3013.8	7	10001849	0.	.0	3013.8
2	1855	516	0.	.0	3013.8	5	02301183	0.	.0	3013.8	7	10051850	0.	.0	3013.8
2	1900	517	0.	.0	3013.8	5	02351184	0.	.0	3013.8	7	10101851	0.	.0	3013.8
2	1905	518	0.	.0	3013.8	5	02401185	0.	.0	3013.8	7	10151852	0.	.0	3013.8
2	1910	519	0.	.0	3013.8	5	02451186	0.	.0	3013.8	7	10201853	0.	.0	3013.8
2	1915	520	0.	.0	3013.8	5	02501187	0.	.0	3013.8	7	10251854	0.	.0	3013.8
2	1920	521	0.	.0	3013.8	5	02551188	0.	.0	3013.8	7	10301855	0.	.0	3013.8
2	1925	522	0.	.0	3013.8	5	03001189	0.	.0	3013.8	7	10351856	0.	.0	3013.8
2	1930	523	0.	.0	3013.8	5	03051190	0.	.0	3013.8	7	10401857	0.	.0	3013.8
2	1935	524	0.	.0	3013.8	5	03101191	0.	.0	3013.8	7	10451858	0.	.0	3013.8
2	1940	525	0.	.0	3013.8	5	03151192	0.	.0	3013.8	7	10501859	0.	.0	3013.8
2	1945	526	0.	.0	3013.8	5	03201193	0.	.0	3013.8	7	10551860	0.	.0	3013.8
2	1950	527	0.	.0	3013.8	5	03251194	0.	.0	3013.8	7	11001861	0.	.0	3013.8
2	1955	528	0.	.0	3013.8	5	03301195	0.	.0	3013.8	7	11051862	0.	.0	3013.8
2	2000	529	0.	.0	3013.8	5	03351196	0.	.0	3013.8	7	11101863	0.	.0	3013.8
2	2005	530	0.	.0	3013.8	5	03401197	0.	.0	3013.8	7	11151864	0.	.0	3013.8
2	2010	531	0.	.0	3013.8	5	03451198	0.	.0	3013.8	7	11201865	0.	.0	3013.8
2	2015	532	0.	.0	3013.8	5	03501199	0.	.0	3013.8	7	11251866	0.	.0	3013.8
2	2020	533	0.	.0	3013.8	5	03551200	0.	.0	3013.8	7	11301867	0.	.0	3013.8
2	2025	534	0.	.0	3013.8	5	04001201	0.	.0	3013.8	7	11351868	0.	.0	3013.8
2	2030	535	0.	.0	3013.8	5	04051202	0.	.0	3013.8	7	11401869	0.	.0	3013.8
2	2035	536	0.	.0	3013.8	5	04101203	0.	.0	3013.8	7	11451870	0.	.0	3013.8
2	2040	537	0.	.0	3013.8	5	04151204	0.	.0	3013.8	7	11501871	0.	.0	3013.8
2	2045	538	0.	.0	3013.8	5	04201205	0.	.0	3013.8	7	11551872	0.	.0	3013.8
2	2050	539	0.	.0	3013.8	5	04251206	0.	.0	3013.8	7	12001873	0.	.0	3013.8
2	2055	540	0.	.0	3013.8	5	04301207	0.	.0	3013.8	7	12051874	0.	.0	3013.8
2	2100	541	0.	.0	3013.8	5	04351208	0.	.0	3013.8	7	12101875	0.	.0	3013.8
2	2105	542	0.	.0	3013.8	5	04401209	0.	.0	3013.8	7	12151876	0.	.0	3013.8

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2	2110	543	0.	.0	3013.8	* 5	04451210	0.	.0	3013.8	* 7	12201877	0.	.0	3013.8	
2	2115	544	0.	.0	3013.8	* 5	04501211	0.	.0	3013.8	* 7	12251878	0.	.0	3013.8	
2	2120	545	0.	.0	3013.8	* 5	04551212	0.	.0	3013.8	* 7	12301879	0.	.0	3013.8	
2	2125	546	0.	.0	3013.8	* 5	05001213	0.	.0	3013.8	* 7	12351880	0.	.0	3013.8	
2	2130	547	0.	.0	3013.8	* 5	05051214	0.	.0	3013.8	* 7	12401881	0.	.0	3013.8	
2	2135	548	0.	.0	3013.8	* 5	05101215	0.	.0	3013.8	* 7	12451882	0.	.0	3013.8	
2	2140	549	0.	.0	3013.8	* 5	05151216	0.	.0	3013.8	* 7	12501883	0.	.0	3013.8	
2	2145	550	0.	.0	3013.8	* 5	05201217	0.	.0	3013.8	* 7	12551884	0.	.0	3013.8	
2	2150	551	0.	.0	3013.8	* 5	05251218	0.	.0	3013.8	* 7	13001885	0.	.0	3013.8	
2	2155	552	0.	.0	3013.8	* 5	05301219	0.	.0	3013.8	* 7	13051886	0.	.0	3013.8	
2	2200	553	0.	.0	3013.8	* 5	05351220	0.	.0	3013.8	* 7	13101887	0.	.0	3013.8	
2	2205	554	0.	.0	3013.8	* 5	05401221	0.	.0	3013.8	* 7	13151888	0.	.0	3013.8	
2	2210	555	0.	.0	3013.8	* 5	05451222	0.	.0	3013.8	* 7	13201889	0.	.0	3013.8	
2	2215	556	0.	.0	3013.8	* 5	05501223	0.	.0	3013.8	* 7	13251890	0.	.0	3013.8	
2	2220	557	0.	.0	3013.8	* 5	05551224	0.	.0	3013.8	* 7	13301891	0.	.0	3013.8	
2	2225	558	0.	.0	3013.8	* 5	06001225	0.	.0	3013.8	* 7	13351892	0.	.0	3013.8	
2	2230	559	0.	.0	3013.8	* 5	06051226	0.	.0	3013.8	* 7	13401893	0.	.0	3013.8	
2	2235	560	0.	.0	3013.8	* 5	06101227	0.	.0	3013.8	* 7	13451894	0.	.0	3013.8	
2	2240	561	0.	.0	3013.8	* 5	06151228	0.	.0	3013.8	* 7	13501895	0.	.0	3013.8	
2	2245	562	0.	.0	3013.8	* 5	06201229	0.	.0	3013.8	* 7	13551896	0.	.0	3013.8	
2	2250	563	0.	.0	3013.8	* 5	06251230	0.	.0	3013.8	* 7	14001897	0.	.0	3013.8	
2	2255	564	0.	.0	3013.8	* 5	06301231	0.	.0	3013.8	* 7	14051898	0.	.0	3013.8	
2	2300	565	0.	.0	3013.8	* 5	06351232	0.	.0	3013.8	* 7	14101899	0.	.0	3013.8	
2	2305	566	0.	.0	3013.8	* 5	06401233	0.	.0	3013.8	* 7	14151900	0.	.0	3013.8	
2	2310	567	0.	.0	3013.8	* 5	06451234	0.	.0	3013.8	* 7	14201901	0.	.0	3013.8	
2	2315	568	0.	.0	3013.8	* 5	06501235	0.	.0	3013.8	* 7	14251902	0.	.0	3013.8	
2	2320	569	0.	.0	3013.8	* 5	06551236	0.	.0	3013.8	* 7	14301903	0.	.0	3013.8	
2	2325	570	0.	.0	3013.8	* 5	07001237	0.	.0	3013.8	* 7	14351904	0.	.0	3013.8	
2	2330	571	0.	.0	3013.8	* 5	07051238	0.	.0	3013.8	* 7	14401905	0.	.0	3013.8	
2	2335	572	0.	.0	3013.8	* 5	07101239	0.	.0	3013.8	* 7	14451906	0.	.0	3013.8	
2	2340	573	0.	.0	3013.8	* 5	07151240	0.	.0	3013.8	* 7	14501907	0.	.0	3013.8	
2	2345	574	0.	.0	3013.8	* 5	07201241	0.	.0	3013.8	* 7	14551908	0.	.0	3013.8	
2	2350	575	0.	.0	3013.8	* 5	07251242	0.	.0	3013.8	* 7	15001909	0.	.0	3013.8	
2	2355	576	0.	.0	3013.8	* 5	07301243	0.	.0	3013.8	* 7	15051910	0.	.0	3013.8	
3	0000	577	0.	.0	3013.8	* 5	07351244	0.	.0	3013.8	* 7	15101911	0.	.0	3013.8	
3	0005	578	0.	.0	3013.8	* 5	07401245	0.	.0	3013.8	* 7	15151912	0.	.0	3013.8	
3	0010	579	0.	.0	3013.8	* 5	07451246	0.	.0	3013.8	* 7	15201913	0.	.0	3013.8	
3	0015	580	0.	.0	3013.8	* 5	07501247	0.	.0	3013.8	* 7	15251914	0.	.0	3013.8	
3	0020	581	0.	.0	3013.8	* 5	07551248	0.	.0	3013.8	* 7	15301915	0.	.0	3013.8	
3	0025	582	0.	.0	3013.8	* 5	08001249	0.	.0	3013.8	* 7	15351916	0.	.0	3013.8	
3	0030	583	0.	.0	3013.8	* 5	08051250	0.	.0	3013.8	* 7	15401917	0.	.0	3013.8	
3	0035	584	0.	.0	3013.8	* 5	08101251	0.	.0	3013.8	* 7	15451918	0.	.0	3013.8	
3	0040	585	0.	.0	3013.8	* 5	08151252	0.	.0	3013.8	* 7	15501919	0.	.0	3013.8	
3	0045	586	0.	.0	3013.8	* 5	08201253	0.	.0	3013.8	* 7	15551920	0.	.0	3013.8	
3	0050	587	0.	.0	3013.8	* 5	08251254	0.	.0	3013.8	* 7	16001921	0.	.0	3013.8	
3	0055	588	0.	.0	3013.8	* 5	08301255	0.	.0	3013.8	* 7	16051922	0.	.0	3013.8	
3	0100	589	0.	.0	3013.8	* 5	08351256	0.	.0	3013.8	* 7	16101923	0.	.0	3013.8	
3	0105	590	0.	.0	3013.8	* 5	08401257	0.	.0	3013.8	* 7	16151924	0.	.0	3013.8	
3	0110	591	0.	.0	3013.8	* 5	08451258	0.	.0	3013.8	* 7	16201925	0.	.0	3013.8	
3	0115	592	0.	.0	3013.8	* 5	08501259	0.	.0	3013.8	* 7	16251926	0.	.0	3013.8	
3	0120	593	0.	.0	3013.8	* 5	08551260	0.	.0	3013.8	* 7	16301927	0.	.0	3013.8	
3	0125	594	0.	.0	3013.8	* 5	09001261	0.	.0	3013.8	* 7	16351928	0.	.0	3013.8	
3	0130	595	0.	.0	3013.8	* 5	09051262	0.	.0	3013.8	* 7	16401929	0.	.0	3013.8	
3	0135	596	0.	.0	3013.8	* 5	09101263	0.	.0	3013.8	* 7	16451930	0.	.0	3013.8	
3	0140	597	0.	.0	3013.8	* 5	09151264	0.	.0	3013.8	* 7	16501931	0.	.0	3013.8	
3	0145	598	0.	.0	3013.8	* 5	09201265	0.	.0	3013.8	* 7	16551932	0.	.0	3013.8	
3	0150	599	0.	.0	3013.8	* 5	09251266	0.	.0	3013.8	* 7	17001933	0.	.0	3013.8	
3	0155	600	0.	.0	3013.8	* 5	09301267	0.	.0	3013.8	* 7	17051934	0.	.0	3013.8	
3	0200	601	0.	.0	3013.8	* 5	09351268	0.	.0	3013.8	* 7	17101935	0.	.0	3013.8	
3	0205	602	0.	.0	3013.8	* 5	09401269	0.	.0	3013.8	* 7	17151936	0.	.0	3013.8	
3	0210	603	0.	.0	3013.8	* 5	09451270	0.	.0	3013.8	* 7	17201937	0.	.0	3013.8	
3	0215	604	0.	.0	3013.8	* 5	09501271	0.	.0	3013.8	* 7	17251938	0.	.0	3013.8	
3	0220	605	0.	.0	3013.8	* 5	09551272	0.	.0	3013.8	* 7	17301939	0.	.0	3013.8	
3	0225	606	0.	.0	3013.8	* 5	10001273	0.	.0	3013.8	* 7	17351940	0.	.0	3013.8	
3	0230	607	0.	.0	3013.8	* 5	10051274	0.	.0	3013.8	* 7	17401941	0.	.0	3013.8	
3	0235	608	0.	.0	3013.8	* 5	10101275	0.	.0	3013.8	* 7	17451942	0.	.0	3013.8	
3	0240	609	0.	.0	3013.8	* 5	10151276	0.	.0	3013.8	* 7	17501943	0.	.0	3013.8	
3	0245	610	0.	.0	3013.8	* 5	10201277	0.	.0	3013.8	* 7	17551944	0.	.0	3013.8	
3	0250	611	0.	.0	3013.8	* 5	10251278	0.	.0	3013.8	* 7	18001945	0.	.0	3013.8	
3	0255	612	0.	.0	3013.8	* 5	10301279	0.	.0	3013.8	* 7	18051946	0.	.0	3013.8	
3	0300	613	0.	.0	3013.8	* 5	10351280	0.	.0	3013.8	* 7	18101947	0.	.0	3013.8	
3	0305	614	0.	.0	3013.8	* 5	10401281	0.	.0	3013.8	* 7	18151948	0.	.0	3013.8	
3	0310	615	0.	.0	3013.8	* 5	10451282	0.	.0	3013.8	* 7	18201949	0.	.0	3013.8	
3	0315	616	0.	.0	3013.8	* 5	10501283	0.	.0	3013.8	* 7	18251950	0.	.0	3013.8	
3	0320	617	0.	.0	3013.8	* 5	10551284	0.	.0	3013.8	* 7	18301951	0.	.0	3013.8	
3	0325	618	0.	.0	3013.8	* 5	11001285	0.	.0	3013.8	* 7	18351952	0.	.0	3013.8	
3	0330	619	0.	.0	3013.8	* 5	11051286	0.	.0	3013.8	* 7	18401953	0.	.0	3013.8	
3	0335	620	0.	.0	3013.8	* 5	11101287	0.	.0	3013.8	* 7	18451954	0.	.0	3013.8	
3	0340	621	0.	.0	3013.8	* 5	11151288	0.	.0	3013.8	* 7	18501955	0.	.0	3013.8	
3	0345	622	0.	.0	3013.8	* 5	11201289	0.	.0	3013.8	* 7	18551956	0.	.0	3013.8	
3	0350	623	0.	.0	3013.8	* 5	11251290	0.	.0	3013.8	* 7	19001957	0.	.0	3013.8	
3	0355	624	0.	.0	3013.8	* 5	11301291	0.	.0	3013.8	* 7	19051958	0.	.0	3013.8	
3	0400	625	0.	.0	3013.8	* 5	11351292	0.	.0	3013.8	* 7	19101959	0.	.0	3013.8	
3	0405	626	0.	.0	3013.8	* 5	11401293	0.	.0	3013.8	* 7	19151960	0.	.0	3013.8	
3	0410	627	0.	.0	3013.8	* 5	11451294	0.	.0	3013.8	* 7	19201961	0.	.0	3013.8	
3	0415	628	0.	.0	3013.8	* 5	11501295	0.	.0	3013.8	* 7	19251962	0.	.0	3013.8	
3	0420	629	0.	.0	3013.8	* 5	11551296	0.	.0	3013.8	* 7	19301963	0.	.0	3013.8	
3	0425	630	0.	.0	3013.8	* 5	12001297	0.	.0	3013.8	* 7	19351964	0.	.0	3013.8	
3	0430	631	0.	.0	3013.8	* 5	12051298	0.	.0	3013.8	* 7	19401965	0.	.0	3013.8	

												ULT							
3	0435	632	0.	.0	3013.8 *	5	12101299	0.	.0	3013.8 *	7	19451966	0.	.0	3013.8
3	0440	633	0.	.0	3013.8 *	5	12151300	0.	.0	3013.8 *	7	19501967	0.	.0	3013.8
3	0445	634	0.	.0	3013.8 *	5	12201301	0.	.0	3013.8 *	7	19551968	0.	.0	3013.8
3	0450	635	0.	.0	3013.8 *	5	12251302	0.	.0	3013.8 *	7	20001969	0.	.0	3013.8
3	0455	636	0.	.0	3013.8 *	5	12301303	0.	.0	3013.8 *	7	20051970	0.	.0	3013.8
3	0500	637	0.	.0	3013.8 *	5	12351304	0.	.0	3013.8 *	7	20101971	0.	.0	3013.8
3	0505	638	0.	.0	3013.8 *	5	12401305	0.	.0	3013.8 *	7	20151972	0.	.0	3013.8
3	0510	639	0.	.0	3013.8 *	5	12451306	0.	.0	3013.8 *	7	20201973	0.	.0	3013.8
3	0515	640	0.	.0	3013.8 *	5	12501307	0.	.0	3013.8 *	7	20251974	0.	.0	3013.8
3	0520	641	0.	.0	3013.8 *	5	12551308	0.	.0	3013.8 *	7	20301975	0.	.0	3013.8
3	0525	642	0.	.0	3013.8 *	5	13001309	0.	.0	3013.8 *	7	20351976	0.	.0	3013.8
3	0530	643	0.	.0	3013.8 *	5	13051310	0.	.0	3013.8 *	7	20401977	0.	.0	3013.8
3	0535	644	0.	.0	3013.8 *	5	13101311	0.	.0	3013.8 *	7	20451978	0.	.0	3013.8
3	0540	645	0.	.0	3013.8 *	5	13151312	0.	.0	3013.8 *	7	20501979	0.	.0	3013.8
3	0545	646	0.	.0	3013.8 *	5	13201313	0.	.0	3013.8 *	7	20551980	0.	.0	3013.8
3	0550	647	0.	.0	3013.8 *	5	13251314	0.	.0	3013.8 *	7	21001981	0.	.0	3013.8
3	0555	648	0.	.0	3013.8 *	5	13301315	0.	.0	3013.8 *	7	21051982	0.	.0	3013.8
3	0600	649	0.	.0	3013.8 *	5	13351316	0.	.0	3013.8 *	7	21101983	0.	.0	3013.8
3	0605	650	0.	.0	3013.8 *	5	13401317	0.	.0	3013.8 *	7	21151984	0.	.0	3013.8
3	0610	651	0.	.0	3013.8 *	5	13451318	0.	.0	3013.8 *	7	21201985	0.	.0	3013.8
3	0615	652	0.	.0	3013.8 *	5	13501319	0.	.0	3013.8 *	7	21251986	0.	.0	3013.8
3	0620	653	0.	.0	3013.8 *	5	13551320	0.	.0	3013.8 *	7	21301987	0.	.0	3013.8
3	0625	654	0.	.0	3013.8 *	5	14001321	0.	.0	3013.8 *	7	21351988	0.	.0	3013.8
3	0630	655	0.	.0	3013.8 *	5	14051322	0.	.0	3013.8 *	7	21401989	0.	.0	3013.8
3	0635	656	0.	.0	3013.8 *	5	14101323	0.	.0	3013.8 *	7	21451990	0.	.0	3013.8
3	0640	657	0.	.0	3013.8 *	5	14151324	0.	.0	3013.8 *	7	21501991	0.	.0	3013.8
3	0645	658	0.	.0	3013.8 *	5	14201325	0.	.0	3013.8 *	7	21551992	0.	.0	3013.8
3	0650	659	0.	.0	3013.8 *	5	14251326	0.	.0	3013.8 *	7	22001993	0.	.0	3013.8
3	0655	660	0.	.0	3013.8 *	5	14301327	0.	.0	3013.8 *	7	22051994	0.	.0	3013.8
3	0700	661	0.	.0	3013.8 *	5	14351328	0.	.0	3013.8 *	7	22101995	0.	.0	3013.8
3	0705	662	0.	.0	3013.8 *	5	14401329	0.	.0	3013.8 *	7	22151996	0.	.0	3013.8
3	0710	663	0.	.0	3013.8 *	5	14451330	0.	.0	3013.8 *	7	22201997	0.	.0	3013.8
3	0715	664	0.	.0	3013.8 *	5	14501331	0.	.0	3013.8 *	7	22251998	0.	.0	3013.8
3	0720	665	0.	.0	3013.8 *	5	14551332	0.	.0	3013.8 *	7	22301999	0.	.0	3013.8
3	0725	666	0.	.0	3013.8 *	5	15001333	0.	.0	3013.8 *	7	22352000	0.	.0	3013.8
3	0730	667	0.	.0	3013.8 *	5	15051334	0.	.0	3013.8 *					

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 71.	5.58		68.	41.	14.	6.
		(INCHES)	.722	1.742	1.742	1.742
		(AC-FT)	34.	82.	82.	82.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
60.	5.58	50.	19.	6.	3.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
3035.31	5.58	3033.86	3024.99	3017.50	3015.45

CUMULATIVE AREA = .88 SQ MI

HYDROGRAPH AT STATION RDB1
PLAN 1, RATIO = .98

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	50.	.0	3025.5	3	0735		668	0.	.0	3013.8	5	15101335			0.	.0	3013.8
1	0005		2	0.	.0	3013.8	3	0740		669	0.	.0	3013.8	5	15151336			0.	.0	3013.8
1	0010		3	1.	.0	3014.0	3	0745		670	0.	.0	3013.8	5	15201337			0.	.0	3013.8
1	0015		4	3.	.0	3014.4	3	0750		671	0.	.0	3013.8	5	15251338			0.	.0	3013.8
1	0020		5	5.	.0	3014.9	3	0755		672	0.	.0	3013.8	5	15301339			0.	.0	3013.8
1	0025		6	8.	.0	3015.7	3	0800		673	0.	.0	3013.8	5	15351340			0.	.0	3013.8
1	0030		7	10.	.0	3016.3	3	0805		674	0.	.0	3013.8	5	15401341			0.	.0	3013.8
1	0035		8	10.	.0	3016.1	3	0810		675	0.	.0	3013.8	5	15451342			0.	.0	3013.8
1	0040		9	7.	.0	3015.4	3	0815		676	0.	.0	3013.8	5	15501343			0.	.0	3013.8
1	0045		10	4.	.0	3014.8	3	0820		677	0.	.0	3013.8	5	15551344			0.	.0	3013.8
1	0050		11	3.	.0	3014.5	3	0825		678	0.	.0	3013.8	5	16001345			0.	.0	3013.8
1	0055		12	3.	.0	3014.4	3	0830		679	0.	.0	3013.8	5	16051346			0.	.0	3013.8
1	0100		13	2.	.0	3014.3	3	0835		680	0.	.0	3013.8	5	16101347			0.	.0	3013.8
1	0105		14	2.	.0	3014.4	3	0840		681	0.	.0	3013.8	5	16151348			0.	.0	3013.8
1	0110		15	5.	.0	3014.9	3	0845		682	0.	.0	3013.8	5	16201349			0.	.0	3013.8
1	0115		16	6.	.0	3015.2	3	0850		683	0.	.0	3013.8	5	16251350			0.	.0	3013.8
1	0120		17	7.	.0	3015.4	3	0855		684	0.	.0	3013.8	5	16301351			0.	.0	3013.8
1	0125		18	11.	.0	3016.4	3	0900		685	0.	.0	3013.8	5	16351352			0.	.0	3013.8
1	0130		19	18.	.0	3017.7	3	0905		686	0.	.0	3013.8	5	16401353			0.	.0	3013.8
1	0135		20	24.	.0	3018.7	3	0910		687	0.	.0	3013.8	5	16451354			0.	.0	3013.8

												ULT							
1	0140	21	28.	.0	3019.4	*	3	0915	688	0.	.0	3013.8	*	5	16501355	0.	.0	3013.8	
1	0145	22	31.	.0	3020.0	*	3	0920	689	0.	.0	3013.8	*	5	16551356	0.	.0	3013.8	
1	0150	23	32.	.0	3020.1	*	3	0925	690	0.	.0	3013.8	*	5	17001357	0.	.0	3013.8	
1	0155	24	29.	.0	3019.6	*	3	0930	691	0.	.0	3013.8	*	5	17051358	0.	.0	3013.8	
1	0200	25	26.	.0	3019.0	*	3	0935	692	0.	.0	3013.8	*	5	17101359	0.	.0	3013.8	
1	0205	26	23.	.0	3018.6	*	3	0940	693	0.	.0	3013.8	*	5	17151360	0.	.0	3013.8	
1	0210	27	26.	.0	3019.0	*	3	0945	694	0.	.0	3013.8	*	5	17201361	0.	.0	3013.8	
1	0215	28	34.	.0	3020.7	*	3	0950	695	0.	.0	3013.8	*	5	17251362	0.	.0	3013.8	
1	0220	29	43.	.0	3023.6	*	3	0955	696	0.	.0	3013.8	*	5	17301363	0.	.0	3013.8	
1	0225	30	49.	.0	3025.5	*	3	1000	697	0.	.0	3013.8	*	5	17351364	0.	.0	3013.8	
1	0230	31	50.	.0	3025.5	*	3	1005	698	0.	.0	3013.8	*	5	17401365	0.	.0	3013.8	
1	0235	32	50.	.0	3025.5	*	3	1010	699	0.	.0	3013.8	*	5	17451366	0.	.0	3013.8	
1	0240	33	50.	.0	3025.5	*	3	1015	700	0.	.0	3013.8	*	5	17501367	0.	.0	3013.8	
1	0245	34	50.	.1	3025.5	*	3	1020	701	0.	.0	3013.8	*	5	17551368	0.	.0	3013.8	
1	0250	35	50.	.2	3025.5	*	3	1025	702	0.	.0	3013.8	*	5	18001369	0.	.0	3013.8	
1	0255	36	50.	.2	3025.5	*	3	1030	703	0.	.0	3013.8	*	5	18051370	0.	.0	3013.8	
1	0300	37	50.	.3	3025.5	*	3	1035	704	0.	.0	3013.8	*	5	18101371	0.	.0	3013.8	
1	0305	38	50.	.4	3025.6	*	3	1040	705	0.	.0	3013.8	*	5	18151372	0.	.0	3013.8	
1	0310	39	50.	.7	3025.6	*	3	1045	706	0.	.0	3013.8	*	5	18201373	0.	.0	3013.8	
1	0315	40	50.	1.3	3025.7	*	3	1050	707	0.	.0	3013.8	*	5	18251374	0.	.0	3013.8	
1	0320	41	51.	2.4	3026.0	*	3	1055	708	0.	.0	3013.8	*	5	18301375	0.	.0	3013.8	
1	0325	42	52.	4.5	3026.4	*	3	1100	709	0.	.0	3013.8	*	5	18351376	0.	.0	3013.8	
1	0330	43	53.	7.7	3027.0	*	3	1105	710	0.	.0	3013.8	*	5	18401377	0.	.0	3013.8	
1	0335	44	55.	12.0	3027.8	*	3	1110	711	0.	.0	3013.8	*	5	18451378	0.	.0	3013.8	
1	0340	45	57.	16.9	3028.6	*	3	1115	712	0.	.0	3013.8	*	5	18501379	0.	.0	3013.8	
1	0345	46	59.	21.9	3029.5	*	3	1120	713	0.	.0	3013.8	*	5	18551380	0.	.0	3013.8	
1	0350	47	61.	26.8	3030.3	*	3	1125	714	0.	.0	3013.8	*	5	19001381	0.	.0	3013.8	
1	0355	48	63.	31.3	3030.9	*	3	1130	715	0.	.0	3013.8	*	5	19051382	0.	.0	3013.8	
1	0400	49	64.	35.3	3031.5	*	3	1135	716	0.	.0	3013.8	*	5	19101383	0.	.0	3013.8	
1	0405	50	65.	38.6	3032.1	*	3	1140	717	0.	.0	3013.8	*	5	19151384	0.	.0	3013.8	
1	0410	51	66.	41.3	3032.5	*	3	1145	718	0.	.0	3013.8	*	5	19201385	0.	.0	3013.8	
1	0415	52	66.	43.5	3032.8	*	3	1150	719	0.	.0	3013.8	*	5	19251386	0.	.0	3013.8	
1	0420	53	67.	45.2	3033.1	*	3	1155	720	0.	.0	3013.8	*	5	19301387	0.	.0	3013.8	
1	0425	54	67.	46.5	3033.3	*	3	1200	721	0.	.0	3013.8	*	5	19351388	0.	.0	3013.8	
1	0430	55	68.	47.7	3033.4	*	3	1205	722	0.	.0	3013.8	*	5	19401389	0.	.0	3013.8	
1	0435	56	68.	48.9	3033.6	*	3	1210	723	0.	.0	3013.8	*	5	19451390	0.	.0	3013.8	
1	0440	57	68.	50.1	3033.8	*	3	1215	724	0.	.0	3013.8	*	5	19501391	0.	.0	3013.8	
1	0445	58	69.	51.2	3034.0	*	3	1220	725	0.	.0	3013.8	*	5	19551392	0.	.0	3013.8	
1	0450	59	69.	52.4	3034.2	*	3	1225	726	0.	.0	3013.8	*	5	20001393	0.	.0	3013.8	
1	0455	60	69.	53.5	3034.3	*	3	1230	727	0.	.0	3013.8	*	5	20051394	0.	.0	3013.8	
1	0500	61	70.	54.7	3034.5	*	3	1235	728	0.	.0	3013.8	*	5	20101395	0.	.0	3013.8	
1	0505	62	70.	55.7	3034.7	*	3	1240	729	0.	.0	3013.8	*	5	20151396	0.	.0	3013.8	
1	0510	63	70.	56.5	3034.8	*	3	1245	730	0.	.0	3013.8	*	5	20201397	0.	.0	3013.8	
1	0515	64	71.	57.1	3034.9	*	3	1250	731	0.	.0	3013.8	*	5	20251398	0.	.0	3013.8	
1	0520	65	71.	57.6	3035.0	*	3	1255	732	0.	.0	3013.8	*	5	20301399	0.	.0	3013.8	
1	0525	66	71.	57.9	3035.0	*	3	1300	733	0.	.0	3013.8	*	5	20351400	0.	.0	3013.8	
1	0530	67	71.	58.0	3035.0	*	3	1305	734	0.	.0	3013.8	*	5	20401401	0.	.0	3013.8	
1	0535	68	71.	58.0	3035.0	*	3	1310	735	0.	.0	3013.8	*	5	20451402	0.	.0	3013.8	
1	0540	69	71.	58.0	3035.0	*	3	1315	736	0.	.0	3013.8	*	5	20501403	0.	.0	3013.8	
1	0545	70	71.	57.8	3035.0	*	3	1320	737	0.	.0	3013.8	*	5	20551404	0.	.0	3013.8	
1	0550	71	71.	57.6	3035.0	*	3	1325	738	0.	.0	3013.8	*	5	21001405	0.	.0	3013.8	
1	0555	72	71.	57.4	3034.9	*	3	1330	739	0.	.0	3013.8	*	5	21051406	0.	.0	3013.8	
1	0600	73	71.	57.1	3034.9	*	3	1335	740	0.	.0	3013.8	*	5	21101407	0.	.0	3013.8	
1	0605	74	70.	56.8	3034.8	*	3	1340	741	0.	.0	3013.8	*	5	21151408	0.	.0	3013.8	
1	0610	75	70.	56.5	3034.8	*	3	1345	742	0.	.0	3013.8	*	5	21201409	0.	.0	3013.8	
1	0615	76	70.	56.1	3034.7	*	3	1350	743	0.	.0	3013.8	*	5	21251410	0.	.0	3013.8	
1	0620	77	70.	55.8	3034.7	*	3	1355	744	0.	.0	3013.8	*	5	21301411	0.	.0	3013.8	
1	0625	78	70.	55.4	3034.6	*	3	1400	745	0.	.0	3013.8	*	5	21351412	0.	.0	3013.8	
1	0630	79	70.	54.9	3034.5	*	3	1405	746	0.	.0	3013.8	*	5	21401413	0.	.0	3013.8	
1	0635	80	70.	54.5	3034.5	*	3	1410	747	0.	.0	3013.8	*	5	21451414	0.	.0	3013.8	
1	0640	81	70.	54.1	3034.4	*	3	1415	748	0.	.0	3013.8	*	5	21501415	0.	.0	3013.8	
1	0645	82	69.	53.6	3034.3	*	3	1420	749	0.	.0	3013.8	*	5	21551416	0.	.0	3013.8	
1	0650	83	69.	53.1	3034.3	*	3	1425	750	0.	.0	3013.8	*	5	22001417	0.	.0	3013.8	
1	0655	84	69.	52.7	3034.2	*	3	1430	751	0.	.0	3013.8	*	5	22051418	0.	.0	3013.8	
1	0700	85	69.	52.2	3034.1	*	3	1435	752	0.	.0	3013.8	*	5	22101419	0.	.0	3013.8	
1	0705	86	69.	51.7	3034.1	*	3	1440	753	0.	.0	3013.8	*	5	22151420	0.	.0	3013.8	
1	0710	87	69.	51.3	3034.0	*	3	1445	754	0.	.0	3013.8	*	5	22201421	0.	.0	3013.8	
1	0715	88	69.	50.8	3033.9	*	3	1450	755	0.	.0	3013.8	*	5	22251422	0.	.0	3013.8	
1	0720	89	68.	50.3	3033.8	*	3	1455	756	0.	.0	3013.8	*	5	22301423	0.	.0	3013.8	
1	0725	90	68.	49.8	3033.8	*	3	1500	757	0.	.0	3013.8	*	5	22351424	0.	.0	3013.8	
1	0730	91	68.	49.4	3033.7	*	3	1505	758	0.	.0	3013.8	*	5	22401425	0.	.0	3013.8	
1	0735	92	68.	48.9	3033.6	*	3	1510	759	0.	.0	3013.8	*	5	22451426	0.	.0	3013.8	
1	0740	93	68.	48.4	3033.6	*	3	1515	760	0.	.0	3013.8	*	5	22501427	0.	.0	3013.8	
1	0745	94	68.	48.0	3033.5	*	3	1520	761	0.	.0	3013.8	*	5	22551428	0.	.0	3013.8	
1	0750	95	68.	47.5	3033.4	*	3	1525	762	0.	.0	3013.8	*	5	23001429	0.	.0	3013.8	
1	0755	96	67.	47.0	3033.3	*	3	1530	763	0.	.0	3013.8	*	5	23051430	0.	.0	3013.8	
1	0800	97	67.	46.6	3033.3	*	3	1535	764	0.	.0	3013.8	*	5	23101431	0.	.0	3013.8	
1	0805	98	67.	46.1	3033.2	*	3	1540	765	0.	.0	3013.8	*	5	23151432	0.	.0	3013.8	
1	0810	99	67.	45.7	3033.1	*	3	1545	766	0.	.0	3013.8	*	5	23201433	0.	.0	3013.8	
1	0815	100	67.	45.2	3033.1	*	3	1550	767	0.	.0	3013.8	*	5	23251434	0.	.0	3013.8	
1	0820	101	67.	44.7	3033.0	*	3	1555	768	0.	.0	3013.8	*	5	23301435	0.	.0	3013.8	
1	0825	102	67.	44.3	3032.9	*	3	1600	769	0.	.0	3013.8	*	5	23351436	0.	.0	3013.8	
1	0830	103	66.	43.8	3032.8	*	3	1605	770	0.	.0	3013.8	*	5	23401437	0.	.0	3013.8	
1	0835	104	66.	43.4	3032.8	*	3	1610	771	0.	.0	3013.8	*	5	23451438	0.	.0	3013.8	
1	0840	105	66.	42.9	3032.7	*	3	1615	772	0.	.0	3013.8	*	5	23501439	0.	.0	3013.8	
1	0845	106	66.	42.5	3032.6	*	3	1620	773	0.	.0	3013.8	*	5	23551440	0.	.0	3013.8	
1	0850	107	66.	42.0	3032.6	*	3	1625	774	0.	.0	3013.8	*	6	00001441	0.	.0	3013.8	
1	0855	108	66.	41.5	3032.5	*	3	1630	775	0.	.0	3013.8	*	6	00051442	0.	.0	3013.8	
1	0900	109	66.	41.1	3032.4	*	3	1635	776	0.	.0	3013.8	*	6	00101443	0.	.0	3013.8	

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1	0905	110	65.	40.6	3032.4	*	3	1640	777	0.	.0	3013.8	*	6	00151444	0.	.0	3013.8	
1	0910	111	65.	40.2	3032.3	*	3	1645	778	0.	.0	3013.8	*	6	00201445	0.	.0	3013.8	
1	0915	112	65.	39.7	3032.2	*	3	1650	779	0.	.0	3013.8	*	6	00251446	0.	.0	3013.8	
1	0920	113	65.	39.3	3032.2	*	3	1655	780	0.	.0	3013.8	*	6	00301447	0.	.0	3013.8	
1	0925	114	65.	38.8	3032.1	*	3	1700	781	0.	.0	3013.8	*	6	00351448	0.	.0	3013.8	
1	0930	115	65.	38.4	3032.0	*	3	1705	782	0.	.0	3013.8	*	6	00401449	0.	.0	3013.8	
1	0935	116	65.	38.0	3032.0	*	3	1710	783	0.	.0	3013.8	*	6	00451450	0.	.0	3013.8	
1	0940	117	64.	37.5	3031.9	*	3	1715	784	0.	.0	3013.8	*	6	00501451	0.	.0	3013.8	
1	0945	118	64.	37.1	3031.8	*	3	1720	785	0.	.0	3013.8	*	6	00551452	0.	.0	3013.8	
1	0950	119	64.	36.6	3031.8	*	3	1725	786	0.	.0	3013.8	*	6	01001453	0.	.0	3013.8	
1	0955	120	64.	36.2	3031.7	*	3	1730	787	0.	.0	3013.8	*	6	01051454	0.	.0	3013.8	
1	1000	121	64.	35.7	3031.6	*	3	1735	788	0.	.0	3013.8	*	6	01101455	0.	.0	3013.8	
1	1005	122	64.	35.3	3031.5	*	3	1740	789	0.	.0	3013.8	*	6	01151456	0.	.0	3013.8	
1	1010	123	64.	34.9	3031.5	*	3	1745	790	0.	.0	3013.8	*	6	01201457	0.	.0	3013.8	
1	1015	124	63.	34.4	3031.4	*	3	1750	791	0.	.0	3013.8	*	6	01251458	0.	.0	3013.8	
1	1020	125	63.	34.0	3031.3	*	3	1755	792	0.	.0	3013.8	*	6	01301459	0.	.0	3013.8	
1	1025	126	63.	33.6	3031.3	*	3	1800	793	0.	.0	3013.8	*	6	01351460	0.	.0	3013.8	
1	1030	127	63.	33.1	3031.2	*	3	1805	794	0.	.0	3013.8	*	6	01401461	0.	.0	3013.8	
1	1035	128	63.	32.7	3031.1	*	3	1810	795	0.	.0	3013.8	*	6	01451462	0.	.0	3013.8	
1	1040	129	63.	32.3	3031.1	*	3	1815	796	0.	.0	3013.8	*	6	01501463	0.	.0	3013.8	
1	1045	130	63.	31.8	3031.0	*	3	1820	797	0.	.0	3013.8	*	6	01551464	0.	.0	3013.8	
1	1050	131	63.	31.4	3031.0	*	3	1825	798	0.	.0	3013.8	*	6	02001465	0.	.0	3013.8	
1	1055	132	62.	31.0	3030.9	*	3	1830	799	0.	.0	3013.8	*	6	02051466	0.	.0	3013.8	
1	1100	133	62.	30.5	3030.8	*	3	1835	800	0.	.0	3013.8	*	6	02101467	0.	.0	3013.8	
1	1105	134	62.	30.1	3030.8	*	3	1840	801	0.	.0	3013.8	*	6	02151468	0.	.0	3013.8	
1	1110	135	62.	29.7	3030.7	*	3	1845	802	0.	.0	3013.8	*	6	02201469	0.	.0	3013.8	
1	1115	136	62.	29.2	3030.6	*	3	1850	803	0.	.0	3013.8	*	6	02251470	0.	.0	3013.8	
1	1120	137	62.	28.8	3030.6	*	3	1855	804	0.	.0	3013.8	*	6	02301471	0.	.0	3013.8	
1	1125	138	62.	28.4	3030.5	*	3	1900	805	0.	.0	3013.8	*	6	02351472	0.	.0	3013.8	
1	1130	139	61.	28.0	3030.4	*	3	1905	806	0.	.0	3013.8	*	6	02401473	0.	.0	3013.8	
1	1135	140	61.	27.6	3030.4	*	3	1910	807	0.	.0	3013.8	*	6	02451474	0.	.0	3013.8	
1	1140	141	61.	27.1	3030.3	*	3	1915	808	0.	.0	3013.8	*	6	02501475	0.	.0	3013.8	
1	1145	142	61.	26.7	3030.2	*	3	1920	809	0.	.0	3013.8	*	6	02551476	0.	.0	3013.8	
1	1150	143	61.	26.3	3030.2	*	3	1925	810	0.	.0	3013.8	*	6	03001477	0.	.0	3013.8	
1	1155	144	61.	25.9	3030.1	*	3	1930	811	0.	.0	3013.8	*	6	03051478	0.	.0	3013.8	
1	1200	145	61.	25.5	3030.0	*	3	1935	812	0.	.0	3013.8	*	6	03101479	0.	.0	3013.8	
1	1205	146	61.	25.0	3030.0	*	3	1940	813	0.	.0	3013.8	*	6	03151480	0.	.0	3013.8	
1	1210	147	60.	24.6	3029.9	*	3	1945	814	0.	.0	3013.8	*	6	03201481	0.	.0	3013.8	
1	1215	148	60.	24.2	3029.8	*	3	1950	815	0.	.0	3013.8	*	6	03251482	0.	.0	3013.8	
1	1220	149	60.	23.8	3029.8	*	3	1955	816	0.	.0	3013.8	*	6	03301483	0.	.0	3013.8	
1	1225	150	60.	23.4	3029.7	*	3	2000	817	0.	.0	3013.8	*	6	03351484	0.	.0	3013.8	
1	1230	151	60.	23.0	3029.6	*	3	2005	818	0.	.0	3013.8	*	6	03401485	0.	.0	3013.8	
1	1235	152	60.	22.6	3029.6	*	3	2010	819	0.	.0	3013.8	*	6	03451486	0.	.0	3013.8	
1	1240	153	59.	22.1	3029.5	*	3	2015	820	0.	.0	3013.8	*	6	03501487	0.	.0	3013.8	
1	1245	154	59.	21.7	3029.4	*	3	2020	821	0.	.0	3013.8	*	6	03551488	0.	.0	3013.8	
1	1250	155	59.	21.3	3029.4	*	3	2025	822	0.	.0	3013.8	*	6	04001489	0.	.0	3013.8	
1	1255	156	59.	20.9	3029.3	*	3	2030	823	0.	.0	3013.8	*	6	04051490	0.	.0	3013.8	
1	1300	157	59.	20.5	3029.2	*	3	2035	824	0.	.0	3013.8	*	6	04101491	0.	.0	3013.8	
1	1305	158	59.	20.1	3029.2	*	3	2040	825	0.	.0	3013.8	*	6	04151492	0.	.0	3013.8	
1	1310	159	58.	19.7	3029.1	*	3	2045	826	0.	.0	3013.8	*	6	04201493	0.	.0	3013.8	
1	1315	160	58.	19.3	3029.0	*	3	2050	827	0.	.0	3013.8	*	6	04251494	0.	.0	3013.8	
1	1320	161	58.	18.9	3029.0	*	3	2055	828	0.	.0	3013.8	*	6	04301495	0.	.0	3013.8	
1	1325	162	58.	18.5	3028.9	*	3	2100	829	0.	.0	3013.8	*	6	04351496	0.	.0	3013.8	
1	1330	163	58.	18.1	3028.8	*	3	2105	830	0.	.0	3013.8	*	6	04401497	0.	.0	3013.8	
1	1335	164	58.	17.7	3028.8	*	3	2110	831	0.	.0	3013.8	*	6	04451498	0.	.0	3013.8	
1	1340	165	57.	17.3	3028.7	*	3	2115	832	0.	.0	3013.8	*	6	04501499	0.	.0	3013.8	
1	1345	166	57.	16.9	3028.6	*	3	2120	833	0.	.0	3013.8	*	6	04551500	0.	.0	3013.8	
1	1350	167	57.	16.5	3028.6	*	3	2125	834	0.	.0	3013.8	*	6	05001501	0.	.0	3013.8	
1	1355	168	57.	16.1	3028.5	*	3	2130	835	0.	.0	3013.8	*	6	05051502	0.	.0	3013.8	
1	1400	169	57.	15.7	3028.4	*	3	2135	836	0.	.0	3013.8	*	6	05101503	0.	.0	3013.8	
1	1405	170	57.	15.4	3028.3	*	3	2140	837	0.	.0	3013.8	*	6	05151504	0.	.0	3013.8	
1	1410	171	56.	15.0	3028.3	*	3	2145	838	0.	.0	3013.8	*	6	05201505	0.	.0	3013.8	
1	1415	172	56.	14.6	3028.2	*	3	2150	839	0.	.0	3013.8	*	6	05251506	0.	.0	3013.8	
1	1420	173	56.	14.2	3028.1	*	3	2155	840	0.	.0	3013.8	*	6	05301507	0.	.0	3013.8	
1	1425	174	56.	13.8	3028.1	*	3	2200	841	0.	.0	3013.8	*	6	05351508	0.	.0	3013.8	
1	1430	175	56.	13.4	3028.0	*	3	2205	842	0.	.0	3013.8	*	6	05401509	0.	.0	3013.8	
1	1435	176	56.	13.0	3028.0	*	3	2210	843	0.	.0	3013.8	*	6	05451510	0.	.0	3013.8	
1	1440	177	55.	12.7	3027.9	*	3	2215	844	0.	.0	3013.8	*	6	05501511	0.	.0	3013.8	
1	1445	178	55.	12.3	3027.8	*	3	2220	845	0.	.0	3013.8	*	6	05551512	0.	.0	3013.8	
1	1450	179	55.	11.9	3027.7	*	3	2225	846	0.	.0	3013.8	*	6	06001513	0.	.0	3013.8	
1	1455	180	55.	11.5	3027.7	*	3	2230	847	0.	.0	3013.8	*	6	06051514	0.	.0	3013.8	
1	1500	181	55.	11.1	3027.6	*	3	2235	848	0.	.0	3013.8	*	6	06101515	0.	.0	3013.8	
1	1505	182	55.	10.8	3027.5	*	3	2240	849	0.	.0	3013.8	*	6	06151516	0.	.0	3013.8	
1	1510	183	54.	10.4	3027.5	*	3	2245	850	0.	.0	3013.8	*	6	06201517	0.	.0	3013.8	
1	1515	184	54.	10.0	3027.4	*	3	2250	851	0.	.0	3013.8	*	6	06251518	0.	.0	3013.8	
1	1520	185	54.	9.6	3027.3	*	3	2255	852	0.	.0	3013.8	*	6	06301519	0.	.0	3013.8	
1	1525	186	54.	9.3	3027.3	*	3	2300	853	0.	.0	3013.8	*	6	06351520	0.	.0	3013.8	
1	1530	187	54.	8.9	3027.2	*	3	2305	854	0.	.0	3013.8	*	6	06401521	0.	.0	3013.8	
1	1535	188	54.	8.5	3027.2	*	3	2310	855	0.	.0	3013.8	*	6	06451522	0.	.0	3013.8	
1	1540	189	53.	8.2	3027.1	*	3	2315	856	0.	.0	3013.8	*	6	06501523	0.	.0	3013.8	
1	1545	190	53.	7.8	3027.0	*	3	2320	857	0.	.0	3013.8	*	6	06551524	0.	.0	3013.8	
1	1550	191	53.	7.4	3027.0	*	3	2325	858	0.	.0	3013.8	*	6	07001525	0.	.0	3013.8	
1	1555	192	53.	7.1	3026.9	*	3	2330	859	0.	.0	3013.8	*	6	07051526	0.	.0	3013.8	
1	1600	193	53.	6.7	3026.8	*	3	2335	860	0.	.0	3013.8	*	6	07101527	0.	.0	3013.8	
1	1605	194	53.	6.3	3026.7	*	3	2340	861	0.	.0	3013.8	*	6	07151528	0.	.0	3013.8	
1	1610	195	52.	6.0	3026.7	*	3	2345	862	0.	.0	3013.8	*	6	07201529	0.	.0	3013.8	
1	1615	196	52.	5.6	3026.6	*	3	2350	863	0.	.0	3013.8	*	6	07251530	0.	.0	3013.8	
1	1620	197	52.	5.3	3026.5	*	3	2355	864	0.	.0	3013.8	*	6	07301531	0.	.0	3013.8	
1	1625	198	52.	4.9	3026.5	*	4	0000	865	0.	.0	3013.8	*	6	07351532	0.	.0	3013.8	

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1	1630	199	52.	4.5	3026.4	*	4	0005	866	0.	.0	3013.8	*	6	07401533	0.	.0	3013.8
1	1635	200	52.	4.2	3026.3	*	4	0010	867	0.	.0	3013.8	*	6	07451534	0.	.0	3013.8
1	1640	201	51.	3.8	3026.2	*	4	0015	868	0.	.0	3013.8	*	6	07501535	0.	.0	3013.8
1	1645	202	51.	3.5	3026.2	*	4	0020	869	0.	.0	3013.8	*	6	07551536	0.	.0	3013.8
1	1650	203	51.	3.1	3026.1	*	4	0025	870	0.	.0	3013.8	*	6	08001537	0.	.0	3013.8
1	1655	204	51.	2.8	3026.0	*	4	0030	871	0.	.0	3013.8	*	6	08051538	0.	.0	3013.8
1	1700	205	51.	2.4	3026.0	*	4	0035	872	0.	.0	3013.8	*	6	08101539	0.	.0	3013.8
1	1705	206	51.	2.1	3025.9	*	4	0040	873	0.	.0	3013.8	*	6	08151540	0.	.0	3013.8
1	1710	207	50.	1.7	3025.8	*	4	0045	874	0.	.0	3013.8	*	6	08201541	0.	.0	3013.8
1	1715	208	50.	1.4	3025.8	*	4	0050	875	0.	.0	3013.8	*	6	08251542	0.	.0	3013.8
1	1720	209	50.	1.0	3025.7	*	4	0055	876	0.	.0	3013.8	*	6	08301543	0.	.0	3013.8
1	1725	210	50.	.7	3025.6	*	4	0100	877	0.	.0	3013.8	*	6	08351544	0.	.0	3013.8
1	1730	211	50.	.4	3025.6	*	4	0105	878	0.	.0	3013.8	*	6	08401545	0.	.0	3013.8
1	1735	212	50.	.0	3025.5	*	4	0110	879	0.	.0	3013.8	*	6	08451546	0.	.0	3013.8
1	1740	213	0.	.0	3013.8	*	4	0115	880	0.	.0	3013.8	*	6	08501547	0.	.0	3013.8
1	1745	214	0.	.0	3013.8	*	4	0120	881	0.	.0	3013.8	*	6	08551548	0.	.0	3013.8
1	1750	215	0.	.0	3013.8	*	4	0125	882	0.	.0	3013.8	*	6	09001549	0.	.0	3013.8
1	1755	216	0.	.0	3013.8	*	4	0130	883	0.	.0	3013.8	*	6	09051550	0.	.0	3013.8
1	1800	217	0.	.0	3013.8	*	4	0135	884	0.	.0	3013.8	*	6	09101551	0.	.0	3013.8
1	1805	218	0.	.0	3013.8	*	4	0140	885	0.	.0	3013.8	*	6	09151552	0.	.0	3013.8
1	1810	219	0.	.0	3013.8	*	4	0145	886	0.	.0	3013.8	*	6	09201553	0.	.0	3013.8
1	1815	220	0.	.0	3013.8	*	4	0150	887	0.	.0	3013.8	*	6	09251554	0.	.0	3013.8
1	1820	221	0.	.0	3013.8	*	4	0155	888	0.	.0	3013.8	*	6	09301555	0.	.0	3013.8
1	1825	222	0.	.0	3013.8	*	4	0200	889	0.	.0	3013.8	*	6	09351556	0.	.0	3013.8
1	1830	223	0.	.0	3013.8	*	4	0205	890	0.	.0	3013.8	*	6	09401557	0.	.0	3013.8
1	1835	224	0.	.0	3013.8	*	4	0210	891	0.	.0	3013.8	*	6	09451558	0.	.0	3013.8
1	1840	225	0.	.0	3013.8	*	4	0215	892	0.	.0	3013.8	*	6	09501559	0.	.0	3013.8
1	1845	226	0.	.0	3013.8	*	4	0220	893	0.	.0	3013.8	*	6	09551560	0.	.0	3013.8
1	1850	227	0.	.0	3013.8	*	4	0225	894	0.	.0	3013.8	*	6	10001561	0.	.0	3013.8
1	1855	228	0.	.0	3013.8	*	4	0230	895	0.	.0	3013.8	*	6	10051562	0.	.0	3013.8
1	1900	229	0.	.0	3013.8	*	4	0235	896	0.	.0	3013.8	*	6	10101563	0.	.0	3013.8
1	1905	230	0.	.0	3013.8	*	4	0240	897	0.	.0	3013.8	*	6	10151564	0.	.0	3013.8
1	1910	231	0.	.0	3013.8	*	4	0245	898	0.	.0	3013.8	*	6	10201565	0.	.0	3013.8
1	1915	232	0.	.0	3013.8	*	4	0250	899	0.	.0	3013.8	*	6	10251566	0.	.0	3013.8
1	1920	233	0.	.0	3013.8	*	4	0255	900	0.	.0	3013.8	*	6	10301567	0.	.0	3013.8
1	1925	234	0.	.0	3013.8	*	4	0300	901	0.	.0	3013.8	*	6	10351568	0.	.0	3013.8
1	1930	235	0.	.0	3013.8	*	4	0305	902	0.	.0	3013.8	*	6	10401569	0.	.0	3013.8
1	1935	236	0.	.0	3013.8	*	4	0310	903	0.	.0	3013.8	*	6	10451570	0.	.0	3013.8
1	1940	237	0.	.0	3013.8	*	4	0315	904	0.	.0	3013.8	*	6	10501571	0.	.0	3013.8
1	1945	238	0.	.0	3013.8	*	4	0320	905	0.	.0	3013.8	*	6	10551572	0.	.0	3013.8
1	1950	239	0.	.0	3013.8	*	4	0325	906	0.	.0	3013.8	*	6	11001573	0.	.0	3013.8
1	1955	240	0.	.0	3013.8	*	4	0330	907	0.	.0	3013.8	*	6	11051574	0.	.0	3013.8
1	2000	241	0.	.0	3013.8	*	4	0335	908	0.	.0	3013.8	*	6	11101575	0.	.0	3013.8
1	2005	242	0.	.0	3013.8	*	4	0340	909	0.	.0	3013.8	*	6	11151576	0.	.0	3013.8
1	2010	243	0.	.0	3013.8	*	4	0345	910	0.	.0	3013.8	*	6	11201577	0.	.0	3013.8
1	2015	244	0.	.0	3013.8	*	4	0350	911	0.	.0	3013.8	*	6	11251578	0.	.0	3013.8
1	2020	245	0.	.0	3013.8	*	4	0355	912	0.	.0	3013.8	*	6	11301579	0.	.0	3013.8
1	2025	246	0.	.0	3013.8	*	4	0400	913	0.	.0	3013.8	*	6	11351580	0.	.0	3013.8
1	2030	247	0.	.0	3013.8	*	4	0405	914	0.	.0	3013.8	*	6	11401581	0.	.0	3013.8
1	2035	248	0.	.0	3013.8	*	4	0410	915	0.	.0	3013.8	*	6	11451582	0.	.0	3013.8
1	2040	249	0.	.0	3013.8	*	4	0415	916	0.	.0	3013.8	*	6	11501583	0.	.0	3013.8
1	2045	250	0.	.0	3013.8	*	4	0420	917	0.	.0	3013.8	*	6	11551584	0.	.0	3013.8
1	2050	251	0.	.0	3013.8	*	4	0425	918	0.	.0	3013.8	*	6	12001585	0.	.0	3013.8
1	2055	252	0.	.0	3013.8	*	4	0430	919	0.	.0	3013.8	*	6	12051586	0.	.0	3013.8
1	2100	253	0.	.0	3013.8	*	4	0435	920	0.	.0	3013.8	*	6	12101587	0.	.0	3013.8
1	2105	254	0.	.0	3013.8	*	4	0440	921	0.	.0	3013.8	*	6	12151588	0.	.0	3013.8
1	2110	255	0.	.0	3013.8	*	4	0445	922	0.	.0	3013.8	*	6	12201589	0.	.0	3013.8
1	2115	256	0.	.0	3013.8	*	4	0450	923	0.	.0	3013.8	*	6	12251590	0.	.0	3013.8
1	2120	257	0.	.0	3013.8	*	4	0455	924	0.	.0	3013.8	*	6	12301591	0.	.0	3013.8
1	2125	258	0.	.0	3013.8	*	4	0500	925	0.	.0	3013.8	*	6	12351592	0.	.0	3013.8
1	2130	259	0.	.0	3013.8	*	4	0505	926	0.	.0	3013.8	*	6	12401593	0.	.0	3013.8
1	2135	260	0.	.0	3013.8	*	4	0510	927	0.	.0	3013.8	*	6	12451594	0.	.0	3013.8
1	2140	261	0.	.0	3013.8	*	4	0515	928	0.	.0	3013.8	*	6	12501595	0.	.0	3013.8
1	2145	262	0.	.0	3013.8	*	4	0520	929	0.	.0	3013.8	*	6	12551596	0.	.0	3013.8
1	2150	263	0.	.0	3013.8	*	4	0525	930	0.	.0	3013.8	*	6	13001597	0.	.0	3013.8
1	2155	264	0.	.0	3013.8	*	4	0530	931	0.	.0	3013.8	*	6	13051598	0.	.0	3013.8
1	2200	265	0.	.0	3013.8	*	4	0535	932	0.	.0	3013.8	*	6	13101599	0.	.0	3013.8
1	2205	266	0.	.0	3013.8	*	4	0540	933	0.	.0	3013.8	*	6	13151600	0.	.0	3013.8
1	2210	267	0.	.0	3013.8	*	4	0545	934	0.	.0	3013.8	*	6	13201601	0.	.0	3013.8
1	2215	268	0.	.0	3013.8	*	4	0550	935	0.	.0	3013.8	*	6	13251602	0.	.0	3013.8
1	2220	269	0.	.0	3013.8	*	4	0555	936	0.	.0	3013.8	*	6	13301603	0.	.0	3013.8
1	2225	270	0.	.0	3013.8	*	4	0600	937	0.	.0	3013.8	*	6	13351604	0.	.0	3013.8
1	2230	271	0.	.0	3013.8	*	4	0605	938	0.	.0	3013.8	*	6	13401605	0.	.0	3013.8
1	2235	272	0.	.0	3013.8	*	4	0610	939	0.	.0	3013.8	*	6	13451606	0.	.0	3013.8
1	2240	273	0.	.0	3013.8	*	4	0615	940	0.	.0	3013.8	*	6	13501607	0.	.0	3013.8
1	2245	274	0.	.0	3013.8	*	4	0620	941	0.	.0	3013.8	*	6	13551608	0.	.0	3013.8
1	2250	275	0.	.0	3013.8	*	4	0625	942	0.	.0	3013.8	*	6	14001609	0.	.0	3013.8
1	2255	276	0.	.0	3013.8	*	4	0630	943	0.	.0	3013.8	*	6	14051610	0.	.0	3013.8
1	2300	277	0.	.0	3013.8	*	4	0635	944	0.	.0	3013.8	*	6	14101611	0.	.0	3013.8
1	2305	278	0.	.0	3013.8	*	4	0640	945	0.	.0	3013.8	*	6	14151612	0.	.0	3013.8
1	2310	279	0.	.0	3013.8	*	4	0645	946	0.	.0	3013.8	*	6	14201613	0.	.0	3013.8
1	2315	280	0.	.0	3013.8	*	4	0650	947	0.	.0	3013.8	*	6	14251614	0.	.0	3013.8
1	2320	281	0.	.0	3013.8	*	4	0655	948	0.	.0	3013.8	*	6	14301615	0.	.0	3013.8
1	2325	282	0.	.0	3013.8	*	4	0700	949	0.	.0	3013.8	*	6	14351616	0.	.0	3013.8
1	2330	283	0.	.0	3013.8	*	4	0705	950	0.	.0	3013.8	*	6	14401617	0.	.0	3013.8
1	2335	284	0.	.0	3013.8	*	4	0710	951	0.	.0	3013.8	*	6	14451618	0.	.0	3013.8
1	2340	285	0.	.0	3013.8	*	4	0715	952	0.	.0	3013.8	*	6	14501619	0.	.0	3013.8
1	2345	286	0.	.0	3013.8	*	4	0720	953	0.	.0	3013.8	*	6	14551620	0.	.0	3013.8
1	2350	287	0.	.0	3013.8	*	4	0725	954	0.	.0	3013.8	*	6	15001621	0.	.0	3013.8

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1	2355	288	0.	.0	3013.8	*	4	0730	955	0.	.0	3013.8	*	6	15051622	0.	.0	3013.8	
2	0000	289	0.	.0	3013.8	*	4	0735	956	0.	.0	3013.8	*	6	15101623	0.	.0	3013.8	
2	0005	290	0.	.0	3013.8	*	4	0740	957	0.	.0	3013.8	*	6	15151624	0.	.0	3013.8	
2	0010	291	0.	.0	3013.8	*	4	0745	958	0.	.0	3013.8	*	6	15201625	0.	.0	3013.8	
2	0015	292	0.	.0	3013.8	*	4	0750	959	0.	.0	3013.8	*	6	15251626	0.	.0	3013.8	
2	0020	293	0.	.0	3013.8	*	4	0755	960	0.	.0	3013.8	*	6	15301627	0.	.0	3013.8	
2	0025	294	0.	.0	3013.8	*	4	0800	961	0.	.0	3013.8	*	6	15351628	0.	.0	3013.8	
2	0030	295	0.	.0	3013.8	*	4	0805	962	0.	.0	3013.8	*	6	15401629	0.	.0	3013.8	
2	0035	296	0.	.0	3013.8	*	4	0810	963	0.	.0	3013.8	*	6	15451630	0.	.0	3013.8	
2	0040	297	0.	.0	3013.8	*	4	0815	964	0.	.0	3013.8	*	6	15501631	0.	.0	3013.8	
2	0045	298	0.	.0	3013.8	*	4	0820	965	0.	.0	3013.8	*	6	15551632	0.	.0	3013.8	
2	0050	299	0.	.0	3013.8	*	4	0825	966	0.	.0	3013.8	*	6	16001633	0.	.0	3013.8	
2	0055	300	0.	.0	3013.8	*	4	0830	967	0.	.0	3013.8	*	6	16051634	0.	.0	3013.8	
2	0100	301	0.	.0	3013.8	*	4	0835	968	0.	.0	3013.8	*	6	16101635	0.	.0	3013.8	
2	0105	302	0.	.0	3013.8	*	4	0840	969	0.	.0	3013.8	*	6	16151636	0.	.0	3013.8	
2	0110	303	0.	.0	3013.8	*	4	0845	970	0.	.0	3013.8	*	6	16201637	0.	.0	3013.8	
2	0115	304	0.	.0	3013.8	*	4	0850	971	0.	.0	3013.8	*	6	16251638	0.	.0	3013.8	
2	0120	305	0.	.0	3013.8	*	4	0855	972	0.	.0	3013.8	*	6	16301639	0.	.0	3013.8	
2	0125	306	0.	.0	3013.8	*	4	0900	973	0.	.0	3013.8	*	6	16351640	0.	.0	3013.8	
2	0130	307	0.	.0	3013.8	*	4	0905	974	0.	.0	3013.8	*	6	16401641	0.	.0	3013.8	
2	0135	308	0.	.0	3013.8	*	4	0910	975	0.	.0	3013.8	*	6	16451642	0.	.0	3013.8	
2	0140	309	0.	.0	3013.8	*	4	0915	976	0.	.0	3013.8	*	6	16501643	0.	.0	3013.8	
2	0145	310	0.	.0	3013.8	*	4	0920	977	0.	.0	3013.8	*	6	16551644	0.	.0	3013.8	
2	0150	311	0.	.0	3013.8	*	4	0925	978	0.	.0	3013.8	*	6	17001645	0.	.0	3013.8	
2	0155	312	0.	.0	3013.8	*	4	0930	979	0.	.0	3013.8	*	6	17051646	0.	.0	3013.8	
2	0200	313	0.	.0	3013.8	*	4	0935	980	0.	.0	3013.8	*	6	17101647	0.	.0	3013.8	
2	0205	314	0.	.0	3013.8	*	4	0940	981	0.	.0	3013.8	*	6	17151648	0.	.0	3013.8	
2	0210	315	0.	.0	3013.8	*	4	0945	982	0.	.0	3013.8	*	6	17201649	0.	.0	3013.8	
2	0215	316	0.	.0	3013.8	*	4	0950	983	0.	.0	3013.8	*	6	17251650	0.	.0	3013.8	
2	0220	317	0.	.0	3013.8	*	4	0955	984	0.	.0	3013.8	*	6	17301651	0.	.0	3013.8	
2	0225	318	0.	.0	3013.8	*	4	1000	985	0.	.0	3013.8	*	6	17351652	0.	.0	3013.8	
2	0230	319	0.	.0	3013.8	*	4	1005	986	0.	.0	3013.8	*	6	17401653	0.	.0	3013.8	
2	0235	320	0.	.0	3013.8	*	4	1010	987	0.	.0	3013.8	*	6	17451654	0.	.0	3013.8	
2	0240	321	0.	.0	3013.8	*	4	1015	988	0.	.0	3013.8	*	6	17501655	0.	.0	3013.8	
2	0245	322	0.	.0	3013.8	*	4	1020	989	0.	.0	3013.8	*	6	17551656	0.	.0	3013.8	
2	0250	323	0.	.0	3013.8	*	4	1025	990	0.	.0	3013.8	*	6	18001657	0.	.0	3013.8	
2	0255	324	0.	.0	3013.8	*	4	1030	991	0.	.0	3013.8	*	6	18051658	0.	.0	3013.8	
2	0300	325	0.	.0	3013.8	*	4	1035	992	0.	.0	3013.8	*	6	18101659	0.	.0	3013.8	
2	0305	326	0.	.0	3013.8	*	4	1040	993	0.	.0	3013.8	*	6	18151660	0.	.0	3013.8	
2	0310	327	0.	.0	3013.8	*	4	1045	994	0.	.0	3013.8	*	6	18201661	0.	.0	3013.8	
2	0315	328	0.	.0	3013.8	*	4	1050	995	0.	.0	3013.8	*	6	18251662	0.	.0	3013.8	
2	0320	329	0.	.0	3013.8	*	4	1055	996	0.	.0	3013.8	*	6	18301663	0.	.0	3013.8	
2	0325	330	0.	.0	3013.8	*	4	1100	997	0.	.0	3013.8	*	6	18351664	0.	.0	3013.8	
2	0330	331	0.	.0	3013.8	*	4	1105	998	0.	.0	3013.8	*	6	18401665	0.	.0	3013.8	
2	0335	332	0.	.0	3013.8	*	4	1110	999	0.	.0	3013.8	*	6	18451666	0.	.0	3013.8	
2	0340	333	0.	.0	3013.8	*	4	11151000		0.	.0	3013.8	*	6	18501667	0.	.0	3013.8	
2	0345	334	0.	.0	3013.8	*	4	11201001		0.	.0	3013.8	*	6	18551668	0.	.0	3013.8	
2	0350	335	0.	.0	3013.8	*	4	11251002		0.	.0	3013.8	*	6	19001669	0.	.0	3013.8	
2	0355	336	0.	.0	3013.8	*	4	11301003		0.	.0	3013.8	*	6	19051670	0.	.0	3013.8	
2	0400	337	0.	.0	3013.8	*	4	11351004		0.	.0	3013.8	*	6	19101671	0.	.0	3013.8	
2	0405	338	0.	.0	3013.8	*	4	11401005		0.	.0	3013.8	*	6	19151672	0.	.0	3013.8	
2	0410	339	0.	.0	3013.8	*	4	11451006		0.	.0	3013.8	*	6	19201673	0.	.0	3013.8	
2	0415	340	0.	.0	3013.8	*	4	11501007		0.	.0	3013.8	*	6	19251674	0.	.0	3013.8	
2	0420	341	0.	.0	3013.8	*	4	11551008		0.	.0	3013.8	*	6	19301675	0.	.0	3013.8	
2	0425	342	0.	.0	3013.8	*	4	12001009		0.	.0	3013.8	*	6	19351676	0.	.0	3013.8	
2	0430	343	0.	.0	3013.8	*	4	12051010		0.	.0	3013.8	*	6	19401677	0.	.0	3013.8	
2	0435	344	0.	.0	3013.8	*	4	12101011		0.	.0	3013.8	*	6	19451678	0.	.0	3013.8	
2	0440	345	0.	.0	3013.8	*	4	12151012		0.	.0	3013.8	*	6	19501679	0.	.0	3013.8	
2	0445	346	0.	.0	3013.8	*	4	12201013		0.	.0	3013.8	*	6	19551680	0.	.0	3013.8	
2	0450	347	0.	.0	3013.8	*	4	12251014		0.	.0	3013.8	*	6	20001681	0.	.0	3013.8	
2	0455	348	0.	.0	3013.8	*	4	12301015		0.	.0	3013.8	*	6	20051682	0.	.0	3013.8	
2	0500	349	0.	.0	3013.8	*	4	12351016		0.	.0	3013.8	*	6	20101683	0.	.0	3013.8	
2	0505	350	0.	.0	3013.8	*	4	12401017		0.	.0	3013.8	*	6	20151684	0.	.0	3013.8	
2	0510	351	0.	.0	3013.8	*	4	12451018		0.	.0	3013.8	*	6	20201685	0.	.0	3013.8	
2	0515	352	0.	.0	3013.8	*	4	12501019		0.	.0	3013.8	*	6	20251686	0.	.0	3013.8	
2	0520	353	0.	.0	3013.8	*	4	12551020		0.	.0	3013.8	*	6	20301687	0.	.0	3013.8	
2	0525	354	0.	.0	3013.8	*	4	13001021		0.	.0	3013.8	*	6	20351688	0.	.0	3013.8	
2	0530	355	0.	.0	3013.8	*	4	13051022		0.	.0	3013.8	*	6	20401689	0.	.0	3013.8	
2	0535	356	0.	.0	3013.8	*	4	13101023		0.	.0	3013.8	*	6	20451690	0.	.0	3013.8	
2	0540	357	0.	.0	3013.8	*	4	13151024		0.	.0	3013.8	*	6	20501691	0.	.0	3013.8	
2	0545	358	0.	.0	3013.8	*	4	13201025		0.	.0	3013.8	*	6	20551692	0.	.0	3013.8	
2	0550	359	0.	.0	3013.8	*	4	13251026		0.	.0	3013.8	*	6	21001693	0.	.0	3013.8	
2	0555	360	0.	.0	3013.8	*	4	13301027		0.	.0	3013.8	*	6	21051694	0.	.0	3013.8	
2	0600	361	0.	.0	3013.8	*	4	13351028		0.	.0	3013.8	*	6	21101695	0.	.0	3013.8	
2	0605	362	0.	.0	3013.8	*	4	13401029		0.	.0	3013.8	*	6	21151696	0.	.0	3013.8	
2	0610	363	0.	.0	3013.8	*	4	13451030		0.	.0	3013.8	*	6	21201697	0.	.0	3013.8	
2	0615	364	0.	.0	3013.8	*	4	13501031		0.	.0	3013.8	*	6	21251698	0.	.0	3013.8	
2	0620	365	0.	.0	3013.8	*	4	13551032		0.	.0	3013.8	*	6	21301699	0.	.0	3013.8	
2	0625	366	0.	.0	3013.8	*	4	14001033		0.	.0	3013.8	*	6	21351700	0.	.0	3013.8	
2	0630	367	0.	.0	3013.8	*	4	14051034		0.	.0	3013.8	*	6	21401701	0.	.0	3013.8	
2	0635	368	0.	.0	3013.8	*	4	14101035		0.	.0	3013.8	*	6	21451702	0.	.0	3013.8	
2	0640	369	0.	.0	3013.8	*	4	14151036		0.	.0	3013.8	*	6	21501703	0.	.0	3013.8	
2	0645	370	0.	.0	3013.8	*	4	14201037		0.	.0	3013.8	*	6	21551704	0.	.0	3013.8	
2	0650	371	0.	.0	3013.8	*	4	14251038		0.	.0	3013.8	*	6	22001705	0.	.0	3013.8	
2	0655	372	0.	.0	3013.8	*	4	14301039		0.	.0	3013.8	*	6	22051706	0.	.0	3013.8	
2	0700	373	0.	.0	3013.8	*	4	14351040		0.	.0	3013.8	*	6	22101707	0.	.0	3013.8	
2	0705	374	0.	.0	3013.8	*	4	14401041		0.	.0	3013.8	*	6	22151708	0.	.0	3013.8	
2	0710	375	0.	.0	3013.8	*	4	14451042		0.	.0	3013.8	*	6	22201709	0.	.0	3013.8	
2	0715	376	0.	.0	3013.8	*	4	14501043		0.	.0	3013.8	*	6	22251710	0.	.0	3013.8	

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2	0720	377	0.	.0	3013.8	* 4	14551044	0.	.0	3013.8	* 6	22301711	0.	.0	3013.8	
2	0725	378	0.	.0	3013.8	* 4	15001045	0.	.0	3013.8	* 6	22351712	0.	.0	3013.8	
2	0730	379	0.	.0	3013.8	* 4	15051046	0.	.0	3013.8	* 6	22401713	0.	.0	3013.8	
2	0735	380	0.	.0	3013.8	* 4	15101047	0.	.0	3013.8	* 6	22451714	0.	.0	3013.8	
2	0740	381	0.	.0	3013.8	* 4	15151048	0.	.0	3013.8	* 6	22501715	0.	.0	3013.8	
2	0745	382	0.	.0	3013.8	* 4	15201049	0.	.0	3013.8	* 6	22551716	0.	.0	3013.8	
2	0750	383	0.	.0	3013.8	* 4	15251050	0.	.0	3013.8	* 6	23001717	0.	.0	3013.8	
2	0755	384	0.	.0	3013.8	* 4	15301051	0.	.0	3013.8	* 6	23051718	0.	.0	3013.8	
2	0800	385	0.	.0	3013.8	* 4	15351052	0.	.0	3013.8	* 6	23101719	0.	.0	3013.8	
2	0805	386	0.	.0	3013.8	* 4	15401053	0.	.0	3013.8	* 6	23151720	0.	.0	3013.8	
2	0810	387	0.	.0	3013.8	* 4	15451054	0.	.0	3013.8	* 6	23201721	0.	.0	3013.8	
2	0815	388	0.	.0	3013.8	* 4	15501055	0.	.0	3013.8	* 6	23251722	0.	.0	3013.8	
2	0820	389	0.	.0	3013.8	* 4	15551056	0.	.0	3013.8	* 6	23301723	0.	.0	3013.8	
2	0825	390	0.	.0	3013.8	* 4	16001057	0.	.0	3013.8	* 6	23351724	0.	.0	3013.8	
2	0830	391	0.	.0	3013.8	* 4	16051058	0.	.0	3013.8	* 6	23401725	0.	.0	3013.8	
2	0835	392	0.	.0	3013.8	* 4	16101059	0.	.0	3013.8	* 6	23451726	0.	.0	3013.8	
2	0840	393	0.	.0	3013.8	* 4	16151060	0.	.0	3013.8	* 6	23501727	0.	.0	3013.8	
2	0845	394	0.	.0	3013.8	* 4	16201061	0.	.0	3013.8	* 6	23551728	0.	.0	3013.8	
2	0850	395	0.	.0	3013.8	* 4	16251062	0.	.0	3013.8	* 7	00001729	0.	.0	3013.8	
2	0855	396	0.	.0	3013.8	* 4	16301063	0.	.0	3013.8	* 7	00051730	0.	.0	3013.8	
2	0900	397	0.	.0	3013.8	* 4	16351064	0.	.0	3013.8	* 7	00101731	0.	.0	3013.8	
2	0905	398	0.	.0	3013.8	* 4	16401065	0.	.0	3013.8	* 7	00151732	0.	.0	3013.8	
2	0910	399	0.	.0	3013.8	* 4	16451066	0.	.0	3013.8	* 7	00201733	0.	.0	3013.8	
2	0915	400	0.	.0	3013.8	* 4	16501067	0.	.0	3013.8	* 7	00251734	0.	.0	3013.8	
2	0920	401	0.	.0	3013.8	* 4	16551068	0.	.0	3013.8	* 7	00301735	0.	.0	3013.8	
2	0925	402	0.	.0	3013.8	* 4	17001069	0.	.0	3013.8	* 7	00351736	0.	.0	3013.8	
2	0930	403	0.	.0	3013.8	* 4	17051070	0.	.0	3013.8	* 7	00401737	0.	.0	3013.8	
2	0935	404	0.	.0	3013.8	* 4	17101071	0.	.0	3013.8	* 7	00451738	0.	.0	3013.8	
2	0940	405	0.	.0	3013.8	* 4	17151072	0.	.0	3013.8	* 7	00501739	0.	.0	3013.8	
2	0945	406	0.	.0	3013.8	* 4	17201073	0.	.0	3013.8	* 7	00551740	0.	.0	3013.8	
2	0950	407	0.	.0	3013.8	* 4	17251074	0.	.0	3013.8	* 7	01001741	0.	.0	3013.8	
2	0955	408	0.	.0	3013.8	* 4	17301075	0.	.0	3013.8	* 7	01051742	0.	.0	3013.8	
2	1000	409	0.	.0	3013.8	* 4	17351076	0.	.0	3013.8	* 7	01101743	0.	.0	3013.8	
2	1005	410	0.	.0	3013.8	* 4	17401077	0.	.0	3013.8	* 7	01151744	0.	.0	3013.8	
2	1010	411	0.	.0	3013.8	* 4	17451078	0.	.0	3013.8	* 7	01201745	0.	.0	3013.8	
2	1015	412	0.	.0	3013.8	* 4	17501079	0.	.0	3013.8	* 7	01251746	0.	.0	3013.8	
2	1020	413	0.	.0	3013.8	* 4	17551080	0.	.0	3013.8	* 7	01301747	0.	.0	3013.8	
2	1025	414	0.	.0	3013.8	* 4	18001081	0.	.0	3013.8	* 7	01351748	0.	.0	3013.8	
2	1030	415	0.	.0	3013.8	* 4	18051082	0.	.0	3013.8	* 7	01401749	0.	.0	3013.8	
2	1035	416	0.	.0	3013.8	* 4	18101083	0.	.0	3013.8	* 7	01451750	0.	.0	3013.8	
2	1040	417	0.	.0	3013.8	* 4	18151084	0.	.0	3013.8	* 7	01501751	0.	.0	3013.8	
2	1045	418	0.	.0	3013.8	* 4	18201085	0.	.0	3013.8	* 7	01551752	0.	.0	3013.8	
2	1050	419	0.	.0	3013.8	* 4	18251086	0.	.0	3013.8	* 7	02001753	0.	.0	3013.8	
2	1055	420	0.	.0	3013.8	* 4	18301087	0.	.0	3013.8	* 7	02051754	0.	.0	3013.8	
2	1100	421	0.	.0	3013.8	* 4	18351088	0.	.0	3013.8	* 7	02101755	0.	.0	3013.8	
2	1105	422	0.	.0	3013.8	* 4	18401089	0.	.0	3013.8	* 7	02151756	0.	.0	3013.8	
2	1110	423	0.	.0	3013.8	* 4	18451090	0.	.0	3013.8	* 7	02201757	0.	.0	3013.8	
2	1115	424	0.	.0	3013.8	* 4	18501091	0.	.0	3013.8	* 7	02251758	0.	.0	3013.8	
2	1120	425	0.	.0	3013.8	* 4	18551092	0.	.0	3013.8	* 7	02301759	0.	.0	3013.8	
2	1125	426	0.	.0	3013.8	* 4	19001093	0.	.0	3013.8	* 7	02351760	0.	.0	3013.8	
2	1130	427	0.	.0	3013.8	* 4	19051094	0.	.0	3013.8	* 7	02401761	0.	.0	3013.8	
2	1135	428	0.	.0	3013.8	* 4	19101095	0.	.0	3013.8	* 7	02451762	0.	.0	3013.8	
2	1140	429	0.	.0	3013.8	* 4	19151096	0.	.0	3013.8	* 7	02501763	0.	.0	3013.8	
2	1145	430	0.	.0	3013.8	* 4	19201097	0.	.0	3013.8	* 7	02551764	0.	.0	3013.8	
2	1150	431	0.	.0	3013.8	* 4	19251098	0.	.0	3013.8	* 7	03001765	0.	.0	3013.8	
2	1155	432	0.	.0	3013.8	* 4	19301099	0.	.0	3013.8	* 7	03051766	0.	.0	3013.8	
2	1200	433	0.	.0	3013.8	* 4	19351100	0.	.0	3013.8	* 7	03101767	0.	.0	3013.8	
2	1205	434	0.	.0	3013.8	* 4	19401101	0.	.0	3013.8	* 7	03151768	0.	.0	3013.8	
2	1210	435	0.	.0	3013.8	* 4	19451102	0.	.0	3013.8	* 7	03201769	0.	.0	3013.8	
2	1215	436	0.	.0	3013.8	* 4	19501103	0.	.0	3013.8	* 7	03251770	0.	.0	3013.8	
2	1220	437	0.	.0	3013.8	* 4	19551104	0.	.0	3013.8	* 7	03301771	0.	.0	3013.8	
2	1225	438	0.	.0	3013.8	* 4	20001105	0.	.0	3013.8	* 7	03351772	0.	.0	3013.8	
2	1230	439	0.	.0	3013.8	* 4	20051106	0.	.0	3013.8	* 7	03401773	0.	.0	3013.8	
2	1235	440	0.	.0	3013.8	* 4	20101107	0.	.0	3013.8	* 7	03451774	0.	.0	3013.8	
2	1240	441	0.	.0	3013.8	* 4	20151108	0.	.0	3013.8	* 7	03501775	0.	.0	3013.8	
2	1245	442	0.	.0	3013.8	* 4	20201109	0.	.0	3013.8	* 7	03551776	0.	.0	3013.8	
2	1250	443	0.	.0	3013.8	* 4	20251110	0.	.0	3013.8	* 7	04001777	0.	.0	3013.8	
2	1255	444	0.	.0	3013.8	* 4	20301111	0.	.0	3013.8	* 7	04051778	0.	.0	3013.8	
2	1300	445	0.	.0	3013.8	* 4	20351112	0.	.0	3013.8	* 7	04101779	0.	.0	3013.8	
2	1305	446	0.	.0	3013.8	* 4	20401113	0.	.0	3013.8	* 7	04151780	0.	.0	3013.8	
2	1310	447	0.	.0	3013.8	* 4	20451114	0.	.0	3013.8	* 7	04201781	0.	.0	3013.8	
2	1315	448	0.	.0	3013.8	* 4	20501115	0.	.0	3013.8	* 7	04251782	0.	.0	3013.8	
2	1320	449	0.	.0	3013.8	* 4	20551116	0.	.0	3013.8	* 7	04301783	0.	.0	3013.8	
2	1325	450	0.	.0	3013.8	* 4	21001117	0.	.0	3013.8	* 7	04351784	0.	.0	3013.8	
2	1330	451	0.	.0	3013.8	* 4	21051118	0.	.0	3013.8	* 7	04401785	0.	.0	3013.8	
2	1335	452	0.	.0	3013.8	* 4	21101119	0.	.0	3013.8	* 7	04451786	0.	.0	3013.8	
2	1340	453	0.	.0	3013.8	* 4	21151120	0.	.0	3013.8	* 7	04501787	0.	.0	3013.8	
2	1345	454	0.	.0	3013.8	* 4	21201121	0.	.0	3013.8	* 7	04551788	0.	.0	3013.8	
2	1350	455	0.	.0	3013.8	* 4	21251122	0.	.0	3013.8	* 7	05001789	0.	.0	3013.8	
2	1355	456	0.	.0	3013.8	* 4	21301123	0.	.0	3013.8	* 7	05051790	0.	.0	3013.8	
2	1400	457	0.	.0	3013.8	* 4	21351124	0.	.0	3013.8	* 7	05101791	0.	.0	3013.8	
2	1405	458	0.	.0	3013.8	* 4	21401125	0.	.0	3013.8	* 7	05151792	0.	.0	3013.8	
2	1410	459	0.	.0	3013.8	* 4	21451126	0.	.0	3013.8	* 7	05201793	0.	.0	3013.8	
2	1415	460	0.	.0	3013.8	* 4	21501127	0.	.0	3013.8	* 7	05251794	0.	.0	3013.8	
2	1420	461	0.	.0	3013.8	* 4	21551128	0.	.0	3013.8	* 7	05301795	0.	.0	3013.8	
2	1425	462	0.	.0	3013.8	* 4	22001129	0.	.0	3013.8	* 7	05351796	0.	.0	3013.8	
2	1430	463	0.	.0	3013.8	* 4	22051130	0.	.0	3013.8	* 7	05401797	0.	.0	3013.8	
2	1435	464	0.	.0	3013.8	* 4	22101131	0.	.0	3013.8	* 7	05451798	0.	.0	3013.8	
2	1440	465	0.	.0	3013.8	* 4	22151132	0.	.0	3013.8	* 7	05501799	0.	.0	3013.8	

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2	1445	466	0.	.0	3013.8	*	4	22201133	0.	.0	3013.8	*	7	05551800	0.	.0	3013.8		
2	1450	467	0.	.0	3013.8	*	4	22251134	0.	.0	3013.8	*	7	06001801	0.	.0	3013.8		
2	1455	468	0.	.0	3013.8	*	4	22301135	0.	.0	3013.8	*	7	06051802	0.	.0	3013.8		
2	1500	469	0.	.0	3013.8	*	4	22351136	0.	.0	3013.8	*	7	06101803	0.	.0	3013.8		
2	1505	470	0.	.0	3013.8	*	4	22401137	0.	.0	3013.8	*	7	06151804	0.	.0	3013.8		
2	1510	471	0.	.0	3013.8	*	4	22451138	0.	.0	3013.8	*	7	06201805	0.	.0	3013.8		
2	1515	472	0.	.0	3013.8	*	4	22501139	0.	.0	3013.8	*	7	06251806	0.	.0	3013.8		
2	1520	473	0.	.0	3013.8	*	4	22551140	0.	.0	3013.8	*	7	06301807	0.	.0	3013.8		
2	1525	474	0.	.0	3013.8	*	4	23001141	0.	.0	3013.8	*	7	06351808	0.	.0	3013.8		
2	1530	475	0.	.0	3013.8	*	4	23051142	0.	.0	3013.8	*	7	06401809	0.	.0	3013.8		
2	1535	476	0.	.0	3013.8	*	4	23101143	0.	.0	3013.8	*	7	06451810	0.	.0	3013.8		
2	1540	477	0.	.0	3013.8	*	4	23151144	0.	.0	3013.8	*	7	06501811	0.	.0	3013.8		
2	1545	478	0.	.0	3013.8	*	4	23201145	0.	.0	3013.8	*	7	06551812	0.	.0	3013.8		
2	1550	479	0.	.0	3013.8	*	4	23251146	0.	.0	3013.8	*	7	07001813	0.	.0	3013.8		
2	1555	480	0.	.0	3013.8	*	4	23301147	0.	.0	3013.8	*	7	07051814	0.	.0	3013.8		
2	1600	481	0.	.0	3013.8	*	4	23351148	0.	.0	3013.8	*	7	07101815	0.	.0	3013.8		
2	1605	482	0.	.0	3013.8	*	4	23401149	0.	.0	3013.8	*	7	07151816	0.	.0	3013.8		
2	1610	483	0.	.0	3013.8	*	4	23451150	0.	.0	3013.8	*	7	07201817	0.	.0	3013.8		
2	1615	484	0.	.0	3013.8	*	4	23501151	0.	.0	3013.8	*	7	07251818	0.	.0	3013.8		
2	1620	485	0.	.0	3013.8	*	4	23551152	0.	.0	3013.8	*	7	07301819	0.	.0	3013.8		
2	1625	486	0.	.0	3013.8	*	5	00001153	0.	.0	3013.8	*	7	07351820	0.	.0	3013.8		
2	1630	487	0.	.0	3013.8	*	5	00051154	0.	.0	3013.8	*	7	07401821	0.	.0	3013.8		
2	1635	488	0.	.0	3013.8	*	5	00101155	0.	.0	3013.8	*	7	07451822	0.	.0	3013.8		
2	1640	489	0.	.0	3013.8	*	5	00151156	0.	.0	3013.8	*	7	07501823	0.	.0	3013.8		
2	1645	490	0.	.0	3013.8	*	5	00201157	0.	.0	3013.8	*	7	07551824	0.	.0	3013.8		
2	1650	491	0.	.0	3013.8	*	5	00251158	0.	.0	3013.8	*	7	08001825	0.	.0	3013.8		
2	1655	492	0.	.0	3013.8	*	5	00301159	0.	.0	3013.8	*	7	08051826	0.	.0	3013.8		
2	1700	493	0.	.0	3013.8	*	5	00351160	0.	.0	3013.8	*	7	08101827	0.	.0	3013.8		
2	1705	494	0.	.0	3013.8	*	5	00401161	0.	.0	3013.8	*	7	08151828	0.	.0	3013.8		
2	1710	495	0.	.0	3013.8	*	5	00451162	0.	.0	3013.8	*	7	08201829	0.	.0	3013.8		
2	1715	496	0.	.0	3013.8	*	5	00501163	0.	.0	3013.8	*	7	08251830	0.	.0	3013.8		
2	1720	497	0.	.0	3013.8	*	5	00551164	0.	.0	3013.8	*	7	08301831	0.	.0	3013.8		
2	1725	498	0.	.0	3013.8	*	5	01001165	0.	.0	3013.8	*	7	08351832	0.	.0	3013.8		
2	1730	499	0.	.0	3013.8	*	5	01051166	0.	.0	3013.8	*	7	08401833	0.	.0	3013.8		
2	1735	500	0.	.0	3013.8	*	5	01101167	0.	.0	3013.8	*	7	08451834	0.	.0	3013.8		
2	1740	501	0.	.0	3013.8	*	5	01151168	0.	.0	3013.8	*	7	08501835	0.	.0	3013.8		
2	1745	502	0.	.0	3013.8	*	5	01201169	0.	.0	3013.8	*	7	08551836	0.	.0	3013.8		
2	1750	503	0.	.0	3013.8	*	5	01251170	0.	.0	3013.8	*	7	09001837	0.	.0	3013.8		
2	1755	504	0.	.0	3013.8	*	5	01301171	0.	.0	3013.8	*	7	09051838	0.	.0	3013.8		
2	1800	505	0.	.0	3013.8	*	5	01351172	0.	.0	3013.8	*	7	09101839	0.	.0	3013.8		
2	1805	506	0.	.0	3013.8	*	5	01401173	0.	.0	3013.8	*	7	09151840	0.	.0	3013.8		
2	1810	507	0.	.0	3013.8	*	5	01451174	0.	.0	3013.8	*	7	09201841	0.	.0	3013.8		
2	1815	508	0.	.0	3013.8	*	5	01501175	0.	.0	3013.8	*	7	09251842	0.	.0	3013.8		
2	1820	509	0.	.0	3013.8	*	5	01551176	0.	.0	3013.8	*	7	09301843	0.	.0	3013.8		
2	1825	510	0.	.0	3013.8	*	5	02001177	0.	.0	3013.8	*	7	09351844	0.	.0	3013.8		
2	1830	511	0.	.0	3013.8	*	5	02051178	0.	.0	3013.8	*	7	09401845	0.	.0	3013.8		
2	1835	512	0.	.0	3013.8	*	5	02101179	0.	.0	3013.8	*	7	09451846	0.	.0	3013.8		
2	1840	513	0.	.0	3013.8	*	5	02151180	0.	.0	3013.8	*	7	09501847	0.	.0	3013.8		
2	1845	514	0.	.0	3013.8	*	5	02201181	0.	.0	3013.8	*	7	09551848	0.	.0	3013.8		
2	1850	515	0.	.0	3013.8	*	5	02251182	0.	.0	3013.8	*	7	10001849	0.	.0	3013.8		
2	1855	516	0.	.0	3013.8	*	5	02301183	0.	.0	3013.8	*	7	10051850	0.	.0	3013.8		
2	1900	517	0.	.0	3013.8	*	5	02351184	0.	.0	3013.8	*	7	10101851	0.	.0	3013.8		
2	1905	518	0.	.0	3013.8	*	5	02401185	0.	.0	3013.8	*	7	10151852	0.	.0	3013.8		
2	1910	519	0.	.0	3013.8	*	5	02451186	0.	.0	3013.8	*	7	10201853	0.	.0	3013.8		
2	1915	520	0.	.0	3013.8	*	5	02501187	0.	.0	3013.8	*	7	10251854	0.	.0	3013.8		
2	1920	521	0.	.0	3013.8	*	5	02551188	0.	.0	3013.8	*	7	10301855	0.	.0	3013.8		
2	1925	522	0.	.0	3013.8	*	5	03001189	0.	.0	3013.8	*	7	10351856	0.	.0	3013.8		
2	1930	523	0.	.0	3013.8	*	5	03051190	0.	.0	3013.8	*	7	10401857	0.	.0	3013.8		
2	1935	524	0.	.0	3013.8	*	5	03101191	0.	.0	3013.8	*	7	10451858	0.	.0	3013.8		
2	1940	525	0.	.0	3013.8	*	5	03151192	0.	.0	3013.8	*	7	10501859	0.	.0	3013.8		
2	1945	526	0.	.0	3013.8	*	5	03201193	0.	.0	3013.8	*	7	10551860	0.	.0	3013.8		
2	1950	527	0.	.0	3013.8	*	5	03251194	0.	.0	3013.8	*	7	11001861	0.	.0	3013.8		
2	1955	528	0.	.0	3013.8	*	5	03301195	0.	.0	3013.8	*	7	11051862	0.	.0	3013.8		
2	2000	529	0.	.0	3013.8	*	5	03351196	0.	.0	3013.8	*	7	11101863	0.	.0	3013.8		
2	2005	530	0.	.0	3013.8	*	5	03401197	0.	.0	3013.8	*	7	11151864	0.	.0	3013.8		
2	2010	531	0.	.0	3013.8	*	5	03451198	0.	.0	3013.8	*	7	11201865	0.	.0	3013.8		
2	2015	532	0.	.0	3013.8	*	5	03501199	0.	.0	3013.8	*	7	11251866	0.	.0	3013.8		
2	2020	533	0.	.0	3013.8	*	5	03551200	0.	.0	3013.8	*	7	11301867	0.	.0	3013.8		
2	2025	534	0.	.0	3013.8	*	5	04001201	0.	.0	3013.8	*	7	11351868	0.	.0	3013.8		
2	2030	535	0.	.0	3013.8	*	5	04051202	0.	.0	3013.8	*	7	11401869	0.	.0	3013.8		
2	2035	536	0.	.0	3013.8	*	5	04101203	0.	.0	3013.8	*	7	11451870	0.	.0	3013.8		
2	2040	537	0.	.0	3013.8	*	5	04151204	0.	.0	3013.8	*	7	11501871	0.	.0	3013.8		
2	2045	538	0.	.0	3013.8	*	5	04201205	0.	.0	3013.8	*	7	11551872	0.	.0	3013.8		
2	2050	539	0.	.0	3013.8	*	5	04251206	0.	.0	3013.8	*	7	12001873	0.	.0	3013.8		
2	2055	540	0.	.0	3013.8	*	5	04301207	0.	.0	3013.8	*	7	12051874	0.	.0	3013.8		
2	2100	541	0.	.0	3013.8	*	5	04351208	0.	.0	3013.8	*	7	12101875	0.	.0	3013.8		
2	2105	542	0.	.0	3013.8	*	5	04401209	0.	.0	3013.8	*	7	12151876	0.	.0	3013.8		
2	2110	543	0.	.0	3013.8	*	5	04451210	0.	.0	3013.8	*	7	12201877	0.	.0	3013.8		
2	2115	544	0.	.0	3013.8	*	5	04501211	0.	.0	3013.8	*	7	12251878	0.	.0	3013.8		
2	2120	545	0.	.0	3013.8	*	5	04551212	0.	.0	3013.8	*	7	12301879	0.	.0	3013.8		
2	2125	546	0.	.0	3013.8	*	5	05001213	0.	.0	3013.8	*	7	12351880	0.	.0	3013.8		
2	2130	547	0.	.0	3013.8	*	5	05051214	0.	.0	3013.8	*	7	12401881	0.	.0	3013.8		
2	2135	548	0.	.0	3013.8	*	5	05101215	0.	.0	3013.8	*	7	12451882	0.	.0	3013.8		
2	2140	549	0.	.0	3013.8	*	5	05151216	0.	.0	3013.8	*	7	12501883	0.	.0	3013.8		
2	2145	550	0.	.0	3013.8	*	5	05201217	0.	.0	3013.8	*	7	12551884	0.	.0	3013.8		
2	2150	551	0.	.0	3013.8	*	5	05251218	0.	.0	3013.8	*	7	13001885	0.	.0	3013.8		
2	2155	552	0.	.0	3013.8	*	5	05301219	0.	.0	3013.8	*	7	13051886	0.	.0	3013.8		
2	2200	553	0.	.0	3013.8	*	5	05351220	0.	.0	3013.8	*	7	13101887	0.	.0	3013.8		
2	2205	554	0.	.0	3013.8	*	5	05401221	0.	.0	3013.8	*	7	13151888	0.	.0	3013.8		

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2	2210	555	0.	.0	3013.8	* 5	05451222	0.	.0	3013.8	* 7	13201889	0.	.0	3013.8
2	2215	556	0.	.0	3013.8	* 5	05501223	0.	.0	3013.8	* 7	13251890	0.	.0	3013.8
2	2220	557	0.	.0	3013.8	* 5	05551224	0.	.0	3013.8	* 7	13301891	0.	.0	3013.8
2	2225	558	0.	.0	3013.8	* 5	06001225	0.	.0	3013.8	* 7	13351892	0.	.0	3013.8
2	2230	559	0.	.0	3013.8	* 5	06051226	0.	.0	3013.8	* 7	13401893	0.	.0	3013.8
2	2235	560	0.	.0	3013.8	* 5	06101227	0.	.0	3013.8	* 7	13451894	0.	.0	3013.8
2	2240	561	0.	.0	3013.8	* 5	06151228	0.	.0	3013.8	* 7	13501895	0.	.0	3013.8
2	2245	562	0.	.0	3013.8	* 5	06201229	0.	.0	3013.8	* 7	13551896	0.	.0	3013.8
2	2250	563	0.	.0	3013.8	* 5	06251230	0.	.0	3013.8	* 7	14001897	0.	.0	3013.8
2	2255	564	0.	.0	3013.8	* 5	06301231	0.	.0	3013.8	* 7	14051898	0.	.0	3013.8
2	2300	565	0.	.0	3013.8	* 5	06351232	0.	.0	3013.8	* 7	14101899	0.	.0	3013.8
2	2305	566	0.	.0	3013.8	* 5	06401233	0.	.0	3013.8	* 7	14151900	0.	.0	3013.8
2	2310	567	0.	.0	3013.8	* 5	06451234	0.	.0	3013.8	* 7	14201901	0.	.0	3013.8
2	2315	568	0.	.0	3013.8	* 5	06501235	0.	.0	3013.8	* 7	14251902	0.	.0	3013.8
2	2320	569	0.	.0	3013.8	* 5	06551236	0.	.0	3013.8	* 7	14301903	0.	.0	3013.8
2	2325	570	0.	.0	3013.8	* 5	07001237	0.	.0	3013.8	* 7	14351904	0.	.0	3013.8
2	2330	571	0.	.0	3013.8	* 5	07051238	0.	.0	3013.8	* 7	14401905	0.	.0	3013.8
2	2335	572	0.	.0	3013.8	* 5	07101239	0.	.0	3013.8	* 7	14451906	0.	.0	3013.8
2	2340	573	0.	.0	3013.8	* 5	07151240	0.	.0	3013.8	* 7	14501907	0.	.0	3013.8
2	2345	574	0.	.0	3013.8	* 5	07201241	0.	.0	3013.8	* 7	14551908	0.	.0	3013.8
2	2350	575	0.	.0	3013.8	* 5	07251242	0.	.0	3013.8	* 7	15001909	0.	.0	3013.8
2	2355	576	0.	.0	3013.8	* 5	07301243	0.	.0	3013.8	* 7	15051910	0.	.0	3013.8
3	0000	577	0.	.0	3013.8	* 5	07351244	0.	.0	3013.8	* 7	15101911	0.	.0	3013.8
3	0005	578	0.	.0	3013.8	* 5	07401245	0.	.0	3013.8	* 7	15151912	0.	.0	3013.8
3	0010	579	0.	.0	3013.8	* 5	07451246	0.	.0	3013.8	* 7	15201913	0.	.0	3013.8
3	0015	580	0.	.0	3013.8	* 5	07501247	0.	.0	3013.8	* 7	15251914	0.	.0	3013.8
3	0020	581	0.	.0	3013.8	* 5	07551248	0.	.0	3013.8	* 7	15301915	0.	.0	3013.8
3	0025	582	0.	.0	3013.8	* 5	08001249	0.	.0	3013.8	* 7	15351916	0.	.0	3013.8
3	0030	583	0.	.0	3013.8	* 5	08051250	0.	.0	3013.8	* 7	15401917	0.	.0	3013.8
3	0035	584	0.	.0	3013.8	* 5	08101251	0.	.0	3013.8	* 7	15451918	0.	.0	3013.8
3	0040	585	0.	.0	3013.8	* 5	08151252	0.	.0	3013.8	* 7	15501919	0.	.0	3013.8
3	0045	586	0.	.0	3013.8	* 5	08201253	0.	.0	3013.8	* 7	15551920	0.	.0	3013.8
3	0050	587	0.	.0	3013.8	* 5	08251254	0.	.0	3013.8	* 7	16001921	0.	.0	3013.8
3	0055	588	0.	.0	3013.8	* 5	08301255	0.	.0	3013.8	* 7	16051922	0.	.0	3013.8
3	0100	589	0.	.0	3013.8	* 5	08351256	0.	.0	3013.8	* 7	16101923	0.	.0	3013.8
3	0105	590	0.	.0	3013.8	* 5	08401257	0.	.0	3013.8	* 7	16151924	0.	.0	3013.8
3	0110	591	0.	.0	3013.8	* 5	08451258	0.	.0	3013.8	* 7	16201925	0.	.0	3013.8
3	0115	592	0.	.0	3013.8	* 5	08501259	0.	.0	3013.8	* 7	16251926	0.	.0	3013.8
3	0120	593	0.	.0	3013.8	* 5	08551260	0.	.0	3013.8	* 7	16301927	0.	.0	3013.8
3	0125	594	0.	.0	3013.8	* 5	09001261	0.	.0	3013.8	* 7	16351928	0.	.0	3013.8
3	0130	595	0.	.0	3013.8	* 5	09051262	0.	.0	3013.8	* 7	16401929	0.	.0	3013.8
3	0135	596	0.	.0	3013.8	* 5	09101263	0.	.0	3013.8	* 7	16451930	0.	.0	3013.8
3	0140	597	0.	.0	3013.8	* 5	09151264	0.	.0	3013.8	* 7	16501931	0.	.0	3013.8
3	0145	598	0.	.0	3013.8	* 5	09201265	0.	.0	3013.8	* 7	16551932	0.	.0	3013.8
3	0150	599	0.	.0	3013.8	* 5	09251266	0.	.0	3013.8	* 7	17001933	0.	.0	3013.8
3	0155	600	0.	.0	3013.8	* 5	09301267	0.	.0	3013.8	* 7	17051934	0.	.0	3013.8
3	0200	601	0.	.0	3013.8	* 5	09351268	0.	.0	3013.8	* 7	17101935	0.	.0	3013.8
3	0205	602	0.	.0	3013.8	* 5	09401269	0.	.0	3013.8	* 7	17151936	0.	.0	3013.8
3	0210	603	0.	.0	3013.8	* 5	09451270	0.	.0	3013.8	* 7	17201937	0.	.0	3013.8
3	0215	604	0.	.0	3013.8	* 5	09501271	0.	.0	3013.8	* 7	17251938	0.	.0	3013.8
3	0220	605	0.	.0	3013.8	* 5	09551272	0.	.0	3013.8	* 7	17301939	0.	.0	3013.8
3	0225	606	0.	.0	3013.8	* 5	10001273	0.	.0	3013.8	* 7	17351940	0.	.0	3013.8
3	0230	607	0.	.0	3013.8	* 5	10051274	0.	.0	3013.8	* 7	17401941	0.	.0	3013.8
3	0235	608	0.	.0	3013.8	* 5	10101275	0.	.0	3013.8	* 7	17451942	0.	.0	3013.8
3	0240	609	0.	.0	3013.8	* 5	10151276	0.	.0	3013.8	* 7	17501943	0.	.0	3013.8
3	0245	610	0.	.0	3013.8	* 5	10201277	0.	.0	3013.8	* 7	17551944	0.	.0	3013.8
3	0250	611	0.	.0	3013.8	* 5	10251278	0.	.0	3013.8	* 7	18001945	0.	.0	3013.8
3	0255	612	0.	.0	3013.8	* 5	10301279	0.	.0	3013.8	* 7	18051946	0.	.0	3013.8
3	0300	613	0.	.0	3013.8	* 5	10351280	0.	.0	3013.8	* 7	18101947	0.	.0	3013.8
3	0305	614	0.	.0	3013.8	* 5	10401281	0.	.0	3013.8	* 7	18151948	0.	.0	3013.8
3	0310	615	0.	.0	3013.8	* 5	10451282	0.	.0	3013.8	* 7	18201949	0.	.0	3013.8
3	0315	616	0.	.0	3013.8	* 5	10501283	0.	.0	3013.8	* 7	18251950	0.	.0	3013.8
3	0320	617	0.	.0	3013.8	* 5	10551284	0.	.0	3013.8	* 7	18301951	0.	.0	3013.8
3	0325	618	0.	.0	3013.8	* 5	11001285	0.	.0	3013.8	* 7	18351952	0.	.0	3013.8
3	0330	619	0.	.0	3013.8	* 5	11051286	0.	.0	3013.8	* 7	18401953	0.	.0	3013.8
3	0335	620	0.	.0	3013.8	* 5	11101287	0.	.0	3013.8	* 7	18451954	0.	.0	3013.8
3	0340	621	0.	.0	3013.8	* 5	11151288	0.	.0	3013.8	* 7	18501955	0.	.0	3013.8
3	0345	622	0.	.0	3013.8	* 5	11201289	0.	.0	3013.8	* 7	18551956	0.	.0	3013.8
3	0350	623	0.	.0	3013.8	* 5	11251290	0.	.0	3013.8	* 7	19001957	0.	.0	3013.8
3	0355	624	0.	.0	3013.8	* 5	11301291	0.	.0	3013.8	* 7	19051958	0.	.0	3013.8
3	0400	625	0.	.0	3013.8	* 5	11351292	0.	.0	3013.8	* 7	19101959	0.	.0	3013.8
3	0405	626	0.	.0	3013.8	* 5	11401293	0.	.0	3013.8	* 7	19151960	0.	.0	3013.8
3	0410	627	0.	.0	3013.8	* 5	11451294	0.	.0	3013.8	* 7	19201961	0.	.0	3013.8
3	0415	628	0.	.0	3013.8	* 5	11501295	0.	.0	3013.8	* 7	19251962	0.	.0	3013.8
3	0420	629	0.	.0	3013.8	* 5	11551296	0.	.0	3013.8	* 7	19301963	0.	.0	3013.8
3	0425	630	0.	.0	3013.8	* 5	12001297	0.	.0	3013.8	* 7	19351964	0.	.0	3013.8
3	0430	631	0.	.0	3013.8	* 5	12051298	0.	.0	3013.8	* 7	19401965	0.	.0	3013.8
3	0435	632	0.	.0	3013.8	* 5	12101299	0.	.0	3013.8	* 7	19451966	0.	.0	3013.8
3	0440	633	0.	.0	3013.8	* 5	12151300	0.	.0	3013.8	* 7	19501967	0.	.0	3013.8
3	0445	634	0.	.0	3013.8	* 5	12201301	0.	.0	3013.8	* 7	19551968	0.	.0	3013.8
3	0450	635	0.	.0	3013.8	* 5	12251302	0.	.0	3013.8	* 7	20001969	0.	.0	3013.8
3	0455	636	0.	.0	3013.8	* 5	12301303	0.	.0	3013.8	* 7	20051970	0.	.0	3013.8
3	0500	637	0.	.0	3013.8	* 5	12351304	0.	.0	3013.8	* 7	20101971	0.	.0	3013.8
3	0505	638	0.	.0	3013.8	* 5	12401305	0.	.0	3013.8	* 7	20151972	0.	.0	3013.8
3	0510	639	0.	.0	3013.8	* 5	12451306	0.	.0	3013.8	* 7	20201973	0.	.0	3013.8
3	0515	640	0.	.0	3013.8	* 5	12501307	0.	.0	3013.8	* 7	20251974	0.	.0	3013.8
3	0520	641	0.	.0	3013.8	* 5	12551308	0.	.0	3013.8	* 7	20301975	0.	.0	3013.8
3	0525	642	0.	.0	3013.8	* 5	13001309	0.	.0	3013.8	* 7	20351976	0.	.0	3013.8
3	0530	643	0.	.0	3013.8	* 5	13051310	0.	.0	3013.8	* 7	20401977	0.	.0	3013.8

												ULT					
3	0535	644	0.	.0	3013.8	*	5	13101311	0.	.0	3013.8	*	7	20451978	0.	.0	3013.8
3	0540	645	0.	.0	3013.8	*	5	13151312	0.	.0	3013.8	*	7	20501979	0.	.0	3013.8
3	0545	646	0.	.0	3013.8	*	5	13201313	0.	.0	3013.8	*	7	20551980	0.	.0	3013.8
3	0550	647	0.	.0	3013.8	*	5	13251314	0.	.0	3013.8	*	7	21001981	0.	.0	3013.8
3	0555	648	0.	.0	3013.8	*	5	13301315	0.	.0	3013.8	*	7	21051982	0.	.0	3013.8
3	0600	649	0.	.0	3013.8	*	5	13351316	0.	.0	3013.8	*	7	21101983	0.	.0	3013.8
3	0605	650	0.	.0	3013.8	*	5	13401317	0.	.0	3013.8	*	7	21151984	0.	.0	3013.8
3	0610	651	0.	.0	3013.8	*	5	13451318	0.	.0	3013.8	*	7	21201985	0.	.0	3013.8
3	0615	652	0.	.0	3013.8	*	5	13501319	0.	.0	3013.8	*	7	21251986	0.	.0	3013.8
3	0620	653	0.	.0	3013.8	*	5	13551320	0.	.0	3013.8	*	7	21301987	0.	.0	3013.8
3	0625	654	0.	.0	3013.8	*	5	14001321	0.	.0	3013.8	*	7	21351988	0.	.0	3013.8
3	0630	655	0.	.0	3013.8	*	5	14051322	0.	.0	3013.8	*	7	21401989	0.	.0	3013.8
3	0635	656	0.	.0	3013.8	*	5	14101323	0.	.0	3013.8	*	7	21451990	0.	.0	3013.8
3	0640	657	0.	.0	3013.8	*	5	14151324	0.	.0	3013.8	*	7	21501991	0.	.0	3013.8
3	0645	658	0.	.0	3013.8	*	5	14201325	0.	.0	3013.8	*	7	21551992	0.	.0	3013.8
3	0650	659	0.	.0	3013.8	*	5	14251326	0.	.0	3013.8	*	7	22001993	0.	.0	3013.8
3	0655	660	0.	.0	3013.8	*	5	14301327	0.	.0	3013.8	*	7	22051994	0.	.0	3013.8
3	0700	661	0.	.0	3013.8	*	5	14351328	0.	.0	3013.8	*	7	22101995	0.	.0	3013.8
3	0705	662	0.	.0	3013.8	*	5	14401329	0.	.0	3013.8	*	7	22151996	0.	.0	3013.8
3	0710	663	0.	.0	3013.8	*	5	14451330	0.	.0	3013.8	*	7	22201997	0.	.0	3013.8
3	0715	664	0.	.0	3013.8	*	5	14501331	0.	.0	3013.8	*	7	22251998	0.	.0	3013.8
3	0720	665	0.	.0	3013.8	*	5	14551332	0.	.0	3013.8	*	7	22301999	0.	.0	3013.8
3	0725	666	0.	.0	3013.8	*	5	15001333	0.	.0	3013.8	*	7	22352000	0.	.0	3013.8
3	0730	667	0.	.0	3013.8	*	5	15051334	0.	.0	3013.8	*					

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 71.	5.58		68.	40.	13.	6.
		(INCHES)	.716	1.693	1.693	1.693
		(AC-FT)	34.	80.	80.	80.

PEAK STORAGE	TIME		MAXIMUM AVERAGE STORAGE			
			6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)					
58.	5.58		48.	18.	6.	3.

PEAK STAGE	TIME		MAXIMUM AVERAGE STAGE			
			6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)					
3035.02	5.58		3033.56	3024.63	3017.38	3015.40

CUMULATIVE AREA = .88 SQ MI

HYDROGRAPH AT STATION RDB1
PLAN 1, RATIO = .97

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	50.	.0	3025.5	*	3	0735		668	0.	.1	3021.6	*	5	15101335			0.	.1	3021.6
1	0005		2	0.	.0	3013.8	*	3	0740		669	0.	.1	3021.6	*	5	15151336			0.	.1	3021.6
1	0010		3	1.	.0	3014.0	*	3	0745		670	0.	.1	3021.6	*	5	15201337			0.	.1	3021.6
1	0015		4	3.	.0	3014.4	*	3	0750		671	0.	.1	3021.6	*	5	15251338			0.	.1	3021.6
1	0020		5	5.	.0	3014.9	*	3	0755		672	0.	.1	3021.6	*	5	15301339			0.	.1	3021.6
1	0025		6	8.	.0	3015.6	*	3	0800		673	0.	.1	3021.6	*	5	15351340			0.	.1	3021.6
1	0030		7	10.	.0	3016.2	*	3	0805		674	0.	.1	3021.6	*	5	15401341			0.	.1	3021.6
1	0035		8	10.	.0	3016.0	*	3	0810		675	0.	.1	3021.6	*	5	15451342			0.	.1	3021.6
1	0040		9	7.	.0	3015.3	*	3	0815		676	0.	.1	3021.6	*	5	15501343			0.	.1	3021.6
1	0045		10	4.	.0	3014.7	*	3	0820		677	0.	.1	3021.6	*	5	15551344			0.	.1	3021.6
1	0050		11	3.	.0	3014.5	*	3	0825		678	0.	.1	3021.6	*	5	16001345			0.	.1	3021.6
1	0055		12	2.	.0	3014.3	*	3	0830		679	0.	.1	3021.6	*	5	16051346			0.	.1	3021.6
1	0100		13	2.	.0	3014.2	*	3	0835		680	0.	.1	3021.6	*	5	16101347			0.	.1	3021.6
1	0105		14	2.	.0	3014.3	*	3	0840		681	0.	.1	3021.6	*	5	16151348			0.	.1	3021.6
1	0110		15	4.	.0	3014.8	*	3	0845		682	0.	.1	3021.6	*	5	16201349			0.	.1	3021.6
1	0115		16	6.	.0	3015.1	*	3	0850		683	0.	.1	3021.6	*	5	16251350			0.	.1	3021.6
1	0120		17	7.	.0	3015.4	*	3	0855		684	0.	.1	3021.6	*	5	16301351			0.	.1	3021.6
1	0125		18	11.	.0	3016.3	*	3	0900		685	0.	.1	3021.6	*	5	16351352			0.	.1	3021.6
1	0130		19	17.	.0	3017.6	*	3	0905		686	0.	.1	3021.6	*	5	16401353			0.	.1	3021.6
1	0135		20	23.	.0	3018.6	*	3	0910		687	0.	.1	3021.6	*	5	16451354			0.	.1	3021.6
1	0140		21	27.	.0	3019.3	*	3	0915		688	0.	.1	3021.6	*	5	16501355			0.	.1	3021.6
1	0145		22	31.	.0	3019.8	*	3	0920		689	0.	.1	3021.6	*	5	16551356			0.	.1	3021.6
1	0150		23	31.	.0	3019.9	*	3	0925		690	0.	.1	3021.6	*	5	17001357			0.	.1	3021.6
1	0155		24	28.	.0	3019.4	*	3	0930		691	0.	.1	3021.6	*	5	17051358			0.	.1	3021.6
1	0200		25	25.	.0	3018.9	*	3	0935		692	0.	.1	3021.6	*	5	17101359			0.	.1	3021.6
1	0205		26	23.	.0	3018.5	*	3	0940		693	0.	.1	3021.6	*	5	17151360			0.	.1	3021.6
1	0210		27	25.	.0	3018.9	*	3	0945		694	0.	.1	3021.6	*	5	17201361			0.	.1	3021.6
1	0215		28	33.	.0	3020.5	*	3	0950		695	0.	.1	3021.6	*	5	17251362			0.	.1	3021.6
1	0220		29	42.	.0	3023.3	*	3	0955		696	0.	.1	3021.6	*	5	17301363			0.	.1	3021.6
1	0225		30	48.	.0	3025.0	*	3	1000		697	0.	.1	3021.6	*	5	17351364			0.	.1	3021.6
1	0230		31	49.	.0	3025.2	*	3	1005		698	0.	.1	3021.6	*	5	17401365			0.	.1	3021.6
1	0235		32	48.	.0	3024.9	*	3	1010		699	0.	.1	3021.6	*	5	17451366			0.	.1	3021.6

												ULT						
1	0240	33	50.	.0	3025.5	*	3	1015	700	0.	.1	3021.6	*	5	17501367	0.	.1	3021.6
1	0245	34	50.	.1	3025.5	*	3	1020	701	0.	.1	3021.6	*	5	17551368	0.	.1	3021.6
1	0250	35	50.	.1	3025.5	*	3	1025	702	0.	.1	3021.6	*	5	18001369	0.	.1	3021.6
1	0255	36	50.	.2	3025.5	*	3	1030	703	0.	.1	3021.6	*	5	18051370	0.	.1	3021.6
1	0300	37	50.	.2	3025.5	*	3	1035	704	0.	.1	3021.6	*	5	18101371	0.	.1	3021.6
1	0305	38	50.	.3	3025.6	*	3	1040	705	0.	.1	3021.6	*	5	18151372	0.	.1	3021.6
1	0310	39	50.	.6	3025.6	*	3	1045	706	0.	.1	3021.6	*	5	18201373	0.	.1	3021.6
1	0315	40	50.	1.2	3025.7	*	3	1050	707	0.	.1	3021.6	*	5	18251374	0.	.1	3021.6
1	0320	41	51.	2.3	3026.0	*	3	1055	708	0.	.1	3021.6	*	5	18301375	0.	.1	3021.6
1	0325	42	52.	4.4	3026.4	*	3	1100	709	0.	.1	3021.6	*	5	18351376	0.	.1	3021.6
1	0330	43	53.	7.5	3027.0	*	3	1105	710	0.	.1	3021.6	*	5	18401377	0.	.1	3021.6
1	0335	44	55.	11.8	3027.7	*	3	1110	711	0.	.1	3021.6	*	5	18451378	0.	.1	3021.6
1	0340	45	57.	16.6	3028.6	*	3	1115	712	0.	.1	3021.6	*	5	18501379	0.	.1	3021.6
1	0345	46	59.	21.5	3029.4	*	3	1120	713	0.	.1	3021.6	*	5	18551380	0.	.1	3021.6
1	0350	47	61.	26.3	3030.2	*	3	1125	714	0.	.1	3021.6	*	5	19001381	0.	.1	3021.6
1	0355	48	62.	30.8	3030.9	*	3	1130	715	0.	.1	3021.6	*	5	19051382	0.	.1	3021.6
1	0400	49	64.	34.6	3031.4	*	3	1135	716	0.	.1	3021.6	*	5	19101383	0.	.1	3021.6
1	0405	50	65.	37.9	3031.9	*	3	1140	717	0.	.1	3021.6	*	5	19151384	0.	.1	3021.6
1	0410	51	65.	40.6	3032.4	*	3	1145	718	0.	.1	3021.6	*	5	19201385	0.	.1	3021.6
1	0415	52	66.	42.7	3032.7	*	3	1150	719	0.	.1	3021.6	*	5	19251386	0.	.1	3021.6
1	0420	53	67.	44.4	3032.9	*	3	1155	720	0.	.1	3021.6	*	5	19301387	0.	.1	3021.6
1	0425	54	67.	45.7	3033.1	*	3	1200	721	0.	.1	3021.6	*	5	19351388	0.	.1	3021.6
1	0430	55	67.	46.9	3033.3	*	3	1205	722	0.	.1	3021.6	*	5	19401389	0.	.1	3021.6
1	0435	56	68.	48.0	3033.5	*	3	1210	723	0.	.1	3021.6	*	5	19451390	0.	.1	3021.6
1	0440	57	68.	49.2	3033.7	*	3	1215	724	0.	.1	3021.6	*	5	19501391	0.	.1	3021.6
1	0445	58	68.	50.3	3033.8	*	3	1220	725	0.	.1	3021.6	*	5	19551392	0.	.1	3021.6
1	0450	59	69.	51.4	3034.0	*	3	1225	726	0.	.1	3021.6	*	5	20001393	0.	.1	3021.6
1	0455	60	69.	52.6	3034.2	*	3	1230	727	0.	.1	3021.6	*	5	20051394	0.	.1	3021.6
1	0500	61	69.	53.7	3034.4	*	3	1235	728	0.	.1	3021.6	*	5	20101395	0.	.1	3021.6
1	0505	62	70.	54.7	3034.5	*	3	1240	729	0.	.1	3021.6	*	5	20151396	0.	.1	3021.6
1	0510	63	70.	55.5	3034.6	*	3	1245	730	0.	.1	3021.6	*	5	20201397	0.	.1	3021.6
1	0515	64	70.	56.1	3034.7	*	3	1250	731	0.	.1	3021.6	*	5	20251398	0.	.1	3021.6
1	0520	65	70.	56.6	3034.8	*	3	1255	732	0.	.1	3021.6	*	5	20301399	0.	.1	3021.6
1	0525	66	70.	56.9	3034.8	*	3	1300	733	0.	.1	3021.6	*	5	20351400	0.	.1	3021.6
1	0530	67	71.	57.0	3034.9	*	3	1305	734	0.	.1	3021.6	*	5	20401401	0.	.1	3021.6
1	0535	68	71.	57.0	3034.9	*	3	1310	735	0.	.1	3021.6	*	5	20451402	0.	.1	3021.6
1	0540	69	70.	56.9	3034.9	*	3	1315	736	0.	.1	3021.6	*	5	20501403	0.	.1	3021.6
1	0545	70	70.	56.8	3034.8	*	3	1320	737	0.	.1	3021.6	*	5	20551404	0.	.1	3021.6
1	0550	71	70.	56.6	3034.8	*	3	1325	738	0.	.1	3021.6	*	5	21001405	0.	.1	3021.6
1	0555	72	70.	56.4	3034.8	*	3	1330	739	0.	.1	3021.6	*	5	21051406	0.	.1	3021.6
1	0600	73	70.	56.1	3034.7	*	3	1335	740	0.	.1	3021.6	*	5	21101407	0.	.1	3021.6
1	0605	74	70.	55.8	3034.7	*	3	1340	741	0.	.1	3021.6	*	5	21151408	0.	.1	3021.6
1	0610	75	70.	55.5	3034.6	*	3	1345	742	0.	.1	3021.6	*	5	21201409	0.	.1	3021.6
1	0615	76	70.	55.1	3034.6	*	3	1350	743	0.	.1	3021.6	*	5	21251410	0.	.1	3021.6
1	0620	77	70.	54.7	3034.5	*	3	1355	744	0.	.1	3021.6	*	5	21301411	0.	.1	3021.6
1	0625	78	70.	54.3	3034.5	*	3	1400	745	0.	.1	3021.6	*	5	21351412	0.	.1	3021.6
1	0630	79	70.	53.9	3034.4	*	3	1405	746	0.	.1	3021.6	*	5	21401413	0.	.1	3021.6
1	0635	80	69.	53.5	3034.3	*	3	1410	747	0.	.1	3021.6	*	5	21451414	0.	.1	3021.6
1	0640	81	69.	53.0	3034.3	*	3	1415	748	0.	.1	3021.6	*	5	21501415	0.	.1	3021.6
1	0645	82	69.	52.6	3034.2	*	3	1420	749	0.	.1	3021.6	*	5	21551416	0.	.1	3021.6
1	0650	83	69.	52.1	3034.1	*	3	1425	750	0.	.1	3021.6	*	5	22001417	0.	.1	3021.6
1	0655	84	69.	51.6	3034.0	*	3	1430	751	0.	.1	3021.6	*	5	22051418	0.	.1	3021.6
1	0700	85	69.	51.2	3034.0	*	3	1435	752	0.	.1	3021.6	*	5	22101419	0.	.1	3021.6
1	0705	86	69.	50.7	3033.9	*	3	1440	753	0.	.1	3021.6	*	5	22151420	0.	.1	3021.6
1	0710	87	68.	50.2	3033.8	*	3	1445	754	0.	.1	3021.6	*	5	22201421	0.	.1	3021.6
1	0715	88	68.	49.8	3033.8	*	3	1450	755	0.	.1	3021.6	*	5	22251422	0.	.1	3021.6
1	0720	89	68.	49.3	3033.7	*	3	1455	756	0.	.1	3021.6	*	5	22301423	0.	.1	3021.6
1	0725	90	68.	48.8	3033.6	*	3	1500	757	0.	.1	3021.6	*	5	22351424	0.	.1	3021.6
1	0730	91	68.	48.4	3033.5	*	3	1505	758	0.	.1	3021.6	*	5	22401425	0.	.1	3021.6
1	0735	92	68.	47.9	3033.5	*	3	1510	759	0.	.1	3021.6	*	5	22451426	0.	.1	3021.6
1	0740	93	68.	47.4	3033.4	*	3	1515	760	0.	.1	3021.6	*	5	22501427	0.	.1	3021.6
1	0745	94	67.	47.0	3033.3	*	3	1520	761	0.	.1	3021.6	*	5	22551428	0.	.1	3021.6
1	0750	95	67.	46.5	3033.3	*	3	1525	762	0.	.1	3021.6	*	5	23001429	0.	.1	3021.6
1	0755	96	67.	46.0	3033.2	*	3	1530	763	0.	.1	3021.6	*	5	23051430	0.	.1	3021.6
1	0800	97	67.	45.6	3033.1	*	3	1535	764	0.	.1	3021.6	*	5	23101431	0.	.1	3021.6
1	0805	98	67.	45.1	3033.0	*	3	1540	765	0.	.1	3021.6	*	5	23151432	0.	.1	3021.6
1	0810	99	67.	44.7	3033.0	*	3	1545	766	0.	.1	3021.6	*	5	23201433	0.	.1	3021.6
1	0815	100	67.	44.2	3032.9	*	3	1550	767	0.	.1	3021.6	*	5	23251434	0.	.1	3021.6
1	0820	101	66.	43.7	3032.8	*	3	1555	768	0.	.1	3021.6	*	5	23301435	0.	.1	3021.6
1	0825	102	66.	43.3	3032.8	*	3	1600	769	0.	.1	3021.6	*	5	23351436	0.	.1	3021.6
1	0830	103	66.	42.8	3032.7	*	3	1605	770	0.	.1	3021.6	*	5	23401437	0.	.1	3021.6
1	0835	104	66.	42.4	3032.6	*	3	1610	771	0.	.1	3021.6	*	5	23451438	0.	.1	3021.6
1	0840	105	66.	41.9	3032.6	*	3	1615	772	0.	.1	3021.6	*	5	23501439	0.	.1	3021.6
1	0845	106	66.	41.5	3032.5	*	3	1620	773	0.	.1	3021.6	*	5	23551440	0.	.1	3021.6
1	0850	107	66.	41.0	3032.4	*	3	1625	774	0.	.1	3021.6	*	6	00001441	0.	.1	3021.6
1	0855	108	65.	40.6	3032.4	*	3	1630	775	0.	.1	3021.6	*	6	00051442	0.	.1	3021.6
1	0900	109	65.	40.1	3032.3	*	3	1635	776	0.	.1	3021.6	*	6	00101443	0.	.1	3021.6
1	0905	110	65.	39.7	3032.2	*	3	1640	777	0.	.1	3021.6	*	6	00151444	0.	.1	3021.6
1	0910	111	65.	39.2	3032.1	*	3	1645	778	0.	.1	3021.6	*	6	00201445	0.	.1	3021.6
1	0915	112	65.	38.8	3032.1	*	3	1650	779	0.	.1	3021.6	*	6	00251446	0.	.1	3021.6
1	0920	113	65.	38.3	3032.0	*	3	1655	780	0.	.1	3021.6	*	6	00301447	0.	.1	3021.6
1	0925	114	65.	37.9	3031.9	*	3	1700	781	0.	.1	3021.6	*	6	00351448	0.	.1	3021.6
1	0930	115	64.	37.4	3031.9	*	3	1705	782	0.	.1	3021.6	*	6	00401449	0.	.1	3021.6
1	0935	116	64.	37.0	3031.8	*	3	1710	783	0.	.1	3021.6	*	6	00451450	0.	.1	3021.6
1	0940	117	64.	36.6	3031.7	*	3	1715	784	0.	.1	3021.6	*	6	00501451	0.	.1	3021.6
1	0945	118	64.	36.1	3031.7	*	3	1720	785	0.	.1	3021.6	*	6	00551452	0.	.1	3021.6
1	0950	119	64.	35.7	3031.6	*	3	1725	786	0.	.1	3021.6	*	6	01001453	0.	.1	3021.6
1	0955	120	64.	35.2	3031.5	*	3	1730	787	0.	.1	3021.6	*	6	01051454	0.	.1	3021.6
1	1000	121	64.	34.8	3031.5	*	3	1735	788	0.	.1	3021.6	*	6	01101455	0.	.1	3021.6

											ULT						
1	1005	122	63.	34.4	3031.4	*	3	1740	789	0.	.1	3021.6	*	6	01151456	0.	.1	3021.6
1	1010	123	63.	33.9	3031.3	*	3	1745	790	0.	.1	3021.6	*	6	01201457	0.	.1	3021.6
1	1015	124	63.	33.5	3031.3	*	3	1750	791	0.	.1	3021.6	*	6	01251458	0.	.1	3021.6
1	1020	125	63.	33.1	3031.2	*	3	1755	792	0.	.1	3021.6	*	6	01301459	0.	.1	3021.6
1	1025	126	63.	32.6	3031.1	*	3	1800	793	0.	.1	3021.6	*	6	01351460	0.	.1	3021.6
1	1030	127	63.	32.2	3031.1	*	3	1805	794	0.	.1	3021.6	*	6	01401461	0.	.1	3021.6
1	1035	128	63.	31.8	3031.0	*	3	1810	795	0.	.1	3021.6	*	6	01451462	0.	.1	3021.6
1	1040	129	63.	31.3	3030.9	*	3	1815	796	0.	.1	3021.6	*	6	01501463	0.	.1	3021.6
1	1045	130	62.	30.9	3030.9	*	3	1820	797	0.	.1	3021.6	*	6	01551464	0.	.1	3021.6
1	1050	131	62.	30.5	3030.8	*	3	1825	798	0.	.1	3021.6	*	6	02001465	0.	.1	3021.6
1	1055	132	62.	30.0	3030.7	*	3	1830	799	0.	.1	3021.6	*	6	02051466	0.	.1	3021.6
1	1100	133	62.	29.6	3030.7	*	3	1835	800	0.	.1	3021.6	*	6	02101467	0.	.1	3021.6
1	1105	134	62.	29.2	3030.6	*	3	1840	801	0.	.1	3021.6	*	6	02151468	0.	.1	3021.6
1	1110	135	62.	28.8	3030.5	*	3	1845	802	0.	.1	3021.6	*	6	02201469	0.	.1	3021.6
1	1115	136	62.	28.3	3030.5	*	3	1850	803	0.	.1	3021.6	*	6	02251470	0.	.1	3021.6
1	1120	137	61.	27.9	3030.4	*	3	1855	804	0.	.1	3021.6	*	6	02301471	0.	.1	3021.6
1	1125	138	61.	27.5	3030.4	*	3	1900	805	0.	.1	3021.6	*	6	02351472	0.	.1	3021.6
1	1130	139	61.	27.1	3030.3	*	3	1905	806	0.	.1	3021.6	*	6	02401473	0.	.1	3021.6
1	1135	140	61.	26.6	3030.2	*	3	1910	807	0.	.1	3021.6	*	6	02451474	0.	.1	3021.6
1	1140	141	61.	26.2	3030.2	*	3	1915	808	0.	.1	3021.6	*	6	02501475	0.	.1	3021.6
1	1145	142	61.	25.8	3030.1	*	3	1920	809	0.	.1	3021.6	*	6	02551476	0.	.1	3021.6
1	1150	143	61.	25.4	3030.0	*	3	1925	810	0.	.1	3021.6	*	6	03001477	0.	.1	3021.6
1	1155	144	61.	25.0	3030.0	*	3	1930	811	0.	.1	3021.6	*	6	03051478	0.	.1	3021.6
1	1200	145	60.	24.6	3029.9	*	3	1935	812	0.	.1	3021.6	*	6	03101479	0.	.1	3021.6
1	1205	146	60.	24.1	3029.8	*	3	1940	813	0.	.1	3021.6	*	6	03151480	0.	.1	3021.6
1	1210	147	60.	23.7	3029.8	*	3	1945	814	0.	.1	3021.6	*	6	03201481	0.	.1	3021.6
1	1215	148	60.	23.3	3029.7	*	3	1950	815	0.	.1	3021.6	*	6	03251482	0.	.1	3021.6
1	1220	149	60.	22.9	3029.6	*	3	1955	816	0.	.1	3021.6	*	6	03301483	0.	.1	3021.6
1	1225	150	60.	22.5	3029.6	*	3	2000	817	0.	.1	3021.6	*	6	03351484	0.	.1	3021.6
1	1230	151	59.	22.1	3029.5	*	3	2005	818	0.	.1	3021.6	*	6	03401485	0.	.1	3021.6
1	1235	152	59.	21.7	3029.4	*	3	2010	819	0.	.1	3021.6	*	6	03451486	0.	.1	3021.6
1	1240	153	59.	21.3	3029.4	*	3	2015	820	0.	.1	3021.6	*	6	03501487	0.	.1	3021.6
1	1245	154	59.	20.9	3029.3	*	3	2020	821	0.	.1	3021.6	*	6	03551488	0.	.1	3021.6
1	1250	155	59.	20.5	3029.2	*	3	2025	822	0.	.1	3021.6	*	6	04001489	0.	.1	3021.6
1	1255	156	59.	20.0	3029.1	*	3	2030	823	0.	.1	3021.6	*	6	04051490	0.	.1	3021.6
1	1300	157	58.	19.6	3029.1	*	3	2035	824	0.	.1	3021.6	*	6	04101491	0.	.1	3021.6
1	1305	158	58.	19.2	3029.0	*	3	2040	825	0.	.1	3021.6	*	6	04151492	0.	.1	3021.6
1	1310	159	58.	18.8	3028.9	*	3	2045	826	0.	.1	3021.6	*	6	04201493	0.	.1	3021.6
1	1315	160	58.	18.4	3028.9	*	3	2050	827	0.	.1	3021.6	*	6	04251494	0.	.1	3021.6
1	1320	161	58.	18.0	3028.8	*	3	2055	828	0.	.1	3021.6	*	6	04301495	0.	.1	3021.6
1	1325	162	58.	17.7	3028.7	*	3	2100	829	0.	.1	3021.6	*	6	04351496	0.	.1	3021.6
1	1330	163	57.	17.3	3028.7	*	3	2105	830	0.	.1	3021.6	*	6	04401497	0.	.1	3021.6
1	1335	164	57.	16.9	3028.6	*	3	2110	831	0.	.1	3021.6	*	6	04451498	0.	.1	3021.6
1	1340	165	57.	16.5	3028.5	*	3	2115	832	0.	.1	3021.6	*	6	04501499	0.	.1	3021.6
1	1345	166	57.	16.1	3028.5	*	3	2120	833	0.	.1	3021.6	*	6	04551500	0.	.1	3021.6
1	1350	167	57.	15.7	3028.4	*	3	2125	834	0.	.1	3021.6	*	6	05001501	0.	.1	3021.6
1	1355	168	57.	15.3	3028.3	*	3	2130	835	0.	.1	3021.6	*	6	05051502	0.	.1	3021.6
1	1400	169	56.	14.9	3028.3	*	3	2135	836	0.	.1	3021.6	*	6	05101503	0.	.1	3021.6
1	1405	170	56.	14.5	3028.2	*	3	2140	837	0.	.1	3021.6	*	6	05151504	0.	.1	3021.6
1	1410	171	56.	14.1	3028.1	*	3	2145	838	0.	.1	3021.6	*	6	05201505	0.	.1	3021.6
1	1415	172	56.	13.7	3028.1	*	3	2150	839	0.	.1	3021.6	*	6	05251506	0.	.1	3021.6
1	1420	173	56.	13.4	3028.0	*	3	2155	840	0.	.1	3021.6	*	6	05301507	0.	.1	3021.6
1	1425	174	56.	13.0	3027.9	*	3	2200	841	0.	.1	3021.6	*	6	05351508	0.	.1	3021.6
1	1430	175	55.	12.6	3027.9	*	3	2205	842	0.	.1	3021.6	*	6	05401509	0.	.1	3021.6
1	1435	176	55.	12.2	3027.8	*	3	2210	843	0.	.1	3021.6	*	6	05451510	0.	.1	3021.6
1	1440	177	55.	11.8	3027.7	*	3	2215	844	0.	.1	3021.6	*	6	05501511	0.	.1	3021.6
1	1445	178	55.	11.5	3027.7	*	3	2220	845	0.	.1	3021.6	*	6	05551512	0.	.1	3021.6
1	1450	179	55.	11.1	3027.6	*	3	2225	846	0.	.1	3021.6	*	6	06001513	0.	.1	3021.6
1	1455	180	55.	10.7	3027.5	*	3	2230	847	0.	.1	3021.6	*	6	06051514	0.	.1	3021.6
1	1500	181	54.	10.3	3027.5	*	3	2235	848	0.	.1	3021.6	*	6	06101515	0.	.1	3021.6
1	1505	182	54.	10.0	3027.4	*	3	2240	849	0.	.1	3021.6	*	6	06151516	0.	.1	3021.6
1	1510	183	54.	9.6	3027.3	*	3	2245	850	0.	.1	3021.6	*	6	06201517	0.	.1	3021.6
1	1515	184	54.	9.2	3027.3	*	3	2250	851	0.	.1	3021.6	*	6	06251518	0.	.1	3021.6
1	1520	185	54.	8.8	3027.2	*	3	2255	852	0.	.1	3021.6	*	6	06301519	0.	.1	3021.6
1	1525	186	54.	8.5	3027.1	*	3	2300	853	0.	.1	3021.6	*	6	06351520	0.	.1	3021.6
1	1530	187	53.	8.1	3027.1	*	3	2305	854	0.	.1	3021.6	*	6	06401521	0.	.1	3021.6
1	1535	188	53.	7.7	3027.0	*	3	2310	855	0.	.1	3021.6	*	6	06451522	0.	.1	3021.6
1	1540	189	53.	7.4	3026.9	*	3	2315	856	0.	.1	3021.6	*	6	06501523	0.	.1	3021.6
1	1545	190	53.	7.0	3026.9	*	3	2320	857	0.	.1	3021.6	*	6	06551524	0.	.1	3021.6
1	1550	191	53.	6.6	3026.8	*	3	2325	858	0.	.1	3021.6	*	6	07001525	0.	.1	3021.6
1	1555	192	53.	6.3	3026.7	*	3	2330	859	0.	.1	3021.6	*	6	07051526	0.	.1	3021.6
1	1600	193	52.	5.9	3026.7	*	3	2335	860	0.	.1	3021.6	*	6	07101527	0.	.1	3021.6
1	1605	194	52.	5.6	3026.6	*	3	2340	861	0.	.1	3021.6	*	6	07151528	0.	.1	3021.6
1	1610	195	52.	5.2	3026.5	*	3	2345	862	0.	.1	3021.6	*	6	07201529	0.	.1	3021.6
1	1615	196	52.	4.8	3026.4	*	3	2350	863	0.	.1	3021.6	*	6	07251530	0.	.1	3021.6
1	1620	197	52.	4.5	3026.4	*	3	2355	864	0.	.1	3021.6	*	6	07301531	0.	.1	3021.6
1	1625	198	52.	4.1	3026.3	*	4	0000	865	0.	.1	3021.6	*	6	07351532	0.	.1	3021.6
1	1630	199	51.	3.8	3026.2	*	4	0005	866	0.	.1	3021.6	*	6	07401533	0.	.1	3021.6
1	1635	200	51.	3.4	3026.2	*	4	0010	867	0.	.1	3021.6	*	6	07451534	0.	.1	3021.6
1	1640	201	51.	3.1	3026.1	*	4	0015	868	0.	.1	3021.6	*	6	07501535	0.	.1	3021.6
1	1645	202	51.	2.7	3026.0	*	4	0020	869	0.	.1	3021.6	*	6	07551536	0.	.1	3021.6
1	1650	203	51.	2.4	3026.0	*	4	0025	870	0.	.1	3021.6	*	6	08001537	0.	.1	3021.6
1	1655	204	51.	2.0	3025.9	*	4	0030	871	0.	.1	3021.6	*	6	08051538	0.	.1	3021.6
1	1700	205	50.	1.7	3025.8	*	4	0035	872	0.	.1	3021.6	*	6	08101539	0.	.1	3021.6
1	1705	206	50.	1.3	3025.8	*	4	0040	873	0.	.1	3021.6	*	6	08151540	0.	.1	3021.6
1	1710	207	50.	1.0	3025.7	*	4	0045	874	0.	.1	3021.6	*	6	08201541	0.	.1	3021.6
1	1715	208	50.	.6	3025.6	*	4	0050	875	0.	.1	3021.6	*	6	08251542	0.	.1	3021.6
1	1720	209	50.	.3	3025.6	*	4	0055	876	0.	.1	3021.6	*	6	08301543	0.	.1	3021.6
1	1725	210	0.	.1	3021.6	*	4	0100	877	0.	.1	3021.6	*	6	08351544	0.	.1	3021.6

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1	1730	211	0.	.1	3021.6	* 4	0105	878	0.	.1	3021.6	* 6	08401545	0.	.1	3021.6
1	1735	212	0.	.1	3021.6	* 4	0110	879	0.	.1	3021.6	* 6	08451546	0.	.1	3021.6
1	1740	213	0.	.1	3021.6	* 4	0115	880	0.	.1	3021.6	* 6	08501547	0.	.1	3021.6
1	1745	214	0.	.1	3021.6	* 4	0120	881	0.	.1	3021.6	* 6	08551548	0.	.1	3021.6
1	1750	215	0.	.1	3021.6	* 4	0125	882	0.	.1	3021.6	* 6	09001549	0.	.1	3021.6
1	1755	216	0.	.1	3021.6	* 4	0130	883	0.	.1	3021.6	* 6	09051550	0.	.1	3021.6
1	1800	217	0.	.1	3021.6	* 4	0135	884	0.	.1	3021.6	* 6	09101551	0.	.1	3021.6
1	1805	218	0.	.1	3021.6	* 4	0140	885	0.	.1	3021.6	* 6	09151552	0.	.1	3021.6
1	1810	219	0.	.1	3021.6	* 4	0145	886	0.	.1	3021.6	* 6	09201553	0.	.1	3021.6
1	1815	220	0.	.1	3021.6	* 4	0150	887	0.	.1	3021.6	* 6	09251554	0.	.1	3021.6
1	1820	221	0.	.1	3021.6	* 4	0155	888	0.	.1	3021.6	* 6	09301555	0.	.1	3021.6
1	1825	222	0.	.1	3021.6	* 4	0200	889	0.	.1	3021.6	* 6	09351556	0.	.1	3021.6
1	1830	223	0.	.1	3021.6	* 4	0205	890	0.	.1	3021.6	* 6	09401557	0.	.1	3021.6
1	1835	224	0.	.1	3021.6	* 4	0210	891	0.	.1	3021.6	* 6	09451558	0.	.1	3021.6
1	1840	225	0.	.1	3021.6	* 4	0215	892	0.	.1	3021.6	* 6	09501559	0.	.1	3021.6
1	1845	226	0.	.1	3021.6	* 4	0220	893	0.	.1	3021.6	* 6	09551560	0.	.1	3021.6
1	1850	227	0.	.1	3021.6	* 4	0225	894	0.	.1	3021.6	* 6	10001561	0.	.1	3021.6
1	1855	228	0.	.1	3021.6	* 4	0230	895	0.	.1	3021.6	* 6	10051562	0.	.1	3021.6
1	1900	229	0.	.1	3021.6	* 4	0235	896	0.	.1	3021.6	* 6	10101563	0.	.1	3021.6
1	1905	230	0.	.1	3021.6	* 4	0240	897	0.	.1	3021.6	* 6	10151564	0.	.1	3021.6
1	1910	231	0.	.1	3021.6	* 4	0245	898	0.	.1	3021.6	* 6	10201565	0.	.1	3021.6
1	1915	232	0.	.1	3021.6	* 4	0250	899	0.	.1	3021.6	* 6	10251566	0.	.1	3021.6
1	1920	233	0.	.1	3021.6	* 4	0255	900	0.	.1	3021.6	* 6	10301567	0.	.1	3021.6
1	1925	234	0.	.1	3021.6	* 4	0300	901	0.	.1	3021.6	* 6	10351568	0.	.1	3021.6
1	1930	235	0.	.1	3021.6	* 4	0305	902	0.	.1	3021.6	* 6	10401569	0.	.1	3021.6
1	1935	236	0.	.1	3021.6	* 4	0310	903	0.	.1	3021.6	* 6	10451570	0.	.1	3021.6
1	1940	237	0.	.1	3021.6	* 4	0315	904	0.	.1	3021.6	* 6	10501571	0.	.1	3021.6
1	1945	238	0.	.1	3021.6	* 4	0320	905	0.	.1	3021.6	* 6	10551572	0.	.1	3021.6
1	1950	239	0.	.1	3021.6	* 4	0325	906	0.	.1	3021.6	* 6	11001573	0.	.1	3021.6
1	1955	240	0.	.1	3021.6	* 4	0330	907	0.	.1	3021.6	* 6	11051574	0.	.1	3021.6
1	2000	241	0.	.1	3021.6	* 4	0335	908	0.	.1	3021.6	* 6	11101575	0.	.1	3021.6
1	2005	242	0.	.1	3021.6	* 4	0340	909	0.	.1	3021.6	* 6	11151576	0.	.1	3021.6
1	2010	243	0.	.1	3021.6	* 4	0345	910	0.	.1	3021.6	* 6	11201577	0.	.1	3021.6
1	2015	244	0.	.1	3021.6	* 4	0350	911	0.	.1	3021.6	* 6	11251578	0.	.1	3021.6
1	2020	245	0.	.1	3021.6	* 4	0355	912	0.	.1	3021.6	* 6	11301579	0.	.1	3021.6
1	2025	246	0.	.1	3021.6	* 4	0400	913	0.	.1	3021.6	* 6	11351580	0.	.1	3021.6
1	2030	247	0.	.1	3021.6	* 4	0405	914	0.	.1	3021.6	* 6	11401581	0.	.1	3021.6
1	2035	248	0.	.1	3021.6	* 4	0410	915	0.	.1	3021.6	* 6	11451582	0.	.1	3021.6
1	2040	249	0.	.1	3021.6	* 4	0415	916	0.	.1	3021.6	* 6	11501583	0.	.1	3021.6
1	2045	250	0.	.1	3021.6	* 4	0420	917	0.	.1	3021.6	* 6	11551584	0.	.1	3021.6
1	2050	251	0.	.1	3021.6	* 4	0425	918	0.	.1	3021.6	* 6	12001585	0.	.1	3021.6
1	2055	252	0.	.1	3021.6	* 4	0430	919	0.	.1	3021.6	* 6	12051586	0.	.1	3021.6
1	2100	253	0.	.1	3021.6	* 4	0435	920	0.	.1	3021.6	* 6	12101587	0.	.1	3021.6
1	2105	254	0.	.1	3021.6	* 4	0440	921	0.	.1	3021.6	* 6	12151588	0.	.1	3021.6
1	2110	255	0.	.1	3021.6	* 4	0445	922	0.	.1	3021.6	* 6	12201589	0.	.1	3021.6
1	2115	256	0.	.1	3021.6	* 4	0450	923	0.	.1	3021.6	* 6	12251590	0.	.1	3021.6
1	2120	257	0.	.1	3021.6	* 4	0455	924	0.	.1	3021.6	* 6	12301591	0.	.1	3021.6
1	2125	258	0.	.1	3021.6	* 4	0500	925	0.	.1	3021.6	* 6	12351592	0.	.1	3021.6
1	2130	259	0.	.1	3021.6	* 4	0505	926	0.	.1	3021.6	* 6	12401593	0.	.1	3021.6
1	2135	260	0.	.1	3021.6	* 4	0510	927	0.	.1	3021.6	* 6	12451594	0.	.1	3021.6
1	2140	261	0.	.1	3021.6	* 4	0515	928	0.	.1	3021.6	* 6	12501595	0.	.1	3021.6
1	2145	262	0.	.1	3021.6	* 4	0520	929	0.	.1	3021.6	* 6	12551596	0.	.1	3021.6
1	2150	263	0.	.1	3021.6	* 4	0525	930	0.	.1	3021.6	* 6	13001597	0.	.1	3021.6
1	2155	264	0.	.1	3021.6	* 4	0530	931	0.	.1	3021.6	* 6	13051598	0.	.1	3021.6
1	2200	265	0.	.1	3021.6	* 4	0535	932	0.	.1	3021.6	* 6	13101599	0.	.1	3021.6
1	2205	266	0.	.1	3021.6	* 4	0540	933	0.	.1	3021.6	* 6	13151600	0.	.1	3021.6
1	2210	267	0.	.1	3021.6	* 4	0545	934	0.	.1	3021.6	* 6	13201601	0.	.1	3021.6
1	2215	268	0.	.1	3021.6	* 4	0550	935	0.	.1	3021.6	* 6	13251602	0.	.1	3021.6
1	2220	269	0.	.1	3021.6	* 4	0555	936	0.	.1	3021.6	* 6	13301603	0.	.1	3021.6
1	2225	270	0.	.1	3021.6	* 4	0600	937	0.	.1	3021.6	* 6	13351604	0.	.1	3021.6
1	2230	271	0.	.1	3021.6	* 4	0605	938	0.	.1	3021.6	* 6	13401605	0.	.1	3021.6
1	2235	272	0.	.1	3021.6	* 4	0610	939	0.	.1	3021.6	* 6	13451606	0.	.1	3021.6
1	2240	273	0.	.1	3021.6	* 4	0615	940	0.	.1	3021.6	* 6	13501607	0.	.1	3021.6
1	2245	274	0.	.1	3021.6	* 4	0620	941	0.	.1	3021.6	* 6	13551608	0.	.1	3021.6
1	2250	275	0.	.1	3021.6	* 4	0625	942	0.	.1	3021.6	* 6	14001609	0.	.1	3021.6
1	2255	276	0.	.1	3021.6	* 4	0630	943	0.	.1	3021.6	* 6	14051610	0.	.1	3021.6
1	2300	277	0.	.1	3021.6	* 4	0635	944	0.	.1	3021.6	* 6	14101611	0.	.1	3021.6
1	2305	278	0.	.1	3021.6	* 4	0640	945	0.	.1	3021.6	* 6	14151612	0.	.1	3021.6
1	2310	279	0.	.1	3021.6	* 4	0645	946	0.	.1	3021.6	* 6	14201613	0.	.1	3021.6
1	2315	280	0.	.1	3021.6	* 4	0650	947	0.	.1	3021.6	* 6	14251614	0.	.1	3021.6
1	2320	281	0.	.1	3021.6	* 4	0655	948	0.	.1	3021.6	* 6	14301615	0.	.1	3021.6
1	2325	282	0.	.1	3021.6	* 4	0700	949	0.	.1	3021.6	* 6	14351616	0.	.1	3021.6
1	2330	283	0.	.1	3021.6	* 4	0705	950	0.	.1	3021.6	* 6	14401617	0.	.1	3021.6
1	2335	284	0.	.1	3021.6	* 4	0710	951	0.	.1	3021.6	* 6	14451618	0.	.1	3021.6
1	2340	285	0.	.1	3021.6	* 4	0715	952	0.	.1	3021.6	* 6	14501619	0.	.1	3021.6
1	2345	286	0.	.1	3021.6	* 4	0720	953	0.	.1	3021.6	* 6	14551620	0.	.1	3021.6
1	2350	287	0.	.1	3021.6	* 4	0725	954	0.	.1	3021.6	* 6	15001621	0.	.1	3021.6
1	2355	288	0.	.1	3021.6	* 4	0730	955	0.	.1	3021.6	* 6	15051622	0.	.1	3021.6
2	0000	289	0.	.1	3021.6	* 4	0735	956	0.	.1	3021.6	* 6	15101623	0.	.1	3021.6
2	0005	290	0.	.1	3021.6	* 4	0740	957	0.	.1	3021.6	* 6	15151624	0.	.1	3021.6
2	0010	291	0.	.1	3021.6	* 4	0745	958	0.	.1	3021.6	* 6	15201625	0.	.1	3021.6
2	0015	292	0.	.1	3021.6	* 4	0750	959	0.	.1	3021.6	* 6	15251626	0.	.1	3021.6
2	0020	293	0.	.1	3021.6	* 4	0755	960	0.	.1	3021.6	* 6	15301627	0.	.1	3021.6
2	0025	294	0.	.1	3021.6	* 4	0800	961	0.	.1	3021.6	* 6	15351628	0.	.1	3021.6
2	0030	295	0.	.1	3021.6	* 4	0805	962	0.	.1	3021.6	* 6	15401629	0.	.1	3021.6
2	0035	296	0.	.1	3021.6	* 4	0810	963	0.	.1	3021.6	* 6	15451630	0.	.1	3021.6
2	0040	297	0.	.1	3021.6	* 4	0815	964	0.	.1	3021.6	* 6	15501631	0.	.1	3021.6
2	0045	298	0.	.1	3021.6	* 4	0820	965	0.	.1	3021.6	* 6	15551632	0.	.1	3021.6
2	0050	299	0.	.1	3021.6	* 4	0825	966	0.	.1	3021.6	* 6	16001633	0.	.1	3021.6

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2	0055	300	0.	.1	3021.6 *	4	0830	967	0.	.1	3021.6 *	6	16051634	0.	.1	3021.6
2	0100	301	0.	.1	3021.6 *	4	0835	968	0.	.1	3021.6 *	6	16101635	0.	.1	3021.6
2	0105	302	0.	.1	3021.6 *	4	0840	969	0.	.1	3021.6 *	6	16151636	0.	.1	3021.6
2	0110	303	0.	.1	3021.6 *	4	0845	970	0.	.1	3021.6 *	6	16201637	0.	.1	3021.6
2	0115	304	0.	.1	3021.6 *	4	0850	971	0.	.1	3021.6 *	6	16251638	0.	.1	3021.6
2	0120	305	0.	.1	3021.6 *	4	0855	972	0.	.1	3021.6 *	6	16301639	0.	.1	3021.6
2	0125	306	0.	.1	3021.6 *	4	0900	973	0.	.1	3021.6 *	6	16351640	0.	.1	3021.6
2	0130	307	0.	.1	3021.6 *	4	0905	974	0.	.1	3021.6 *	6	16401641	0.	.1	3021.6
2	0135	308	0.	.1	3021.6 *	4	0910	975	0.	.1	3021.6 *	6	16451642	0.	.1	3021.6
2	0140	309	0.	.1	3021.6 *	4	0915	976	0.	.1	3021.6 *	6	16501643	0.	.1	3021.6
2	0145	310	0.	.1	3021.6 *	4	0920	977	0.	.1	3021.6 *	6	16551644	0.	.1	3021.6
2	0150	311	0.	.1	3021.6 *	4	0925	978	0.	.1	3021.6 *	6	17001645	0.	.1	3021.6
2	0155	312	0.	.1	3021.6 *	4	0930	979	0.	.1	3021.6 *	6	17051646	0.	.1	3021.6
2	0200	313	0.	.1	3021.6 *	4	0935	980	0.	.1	3021.6 *	6	17101647	0.	.1	3021.6
2	0205	314	0.	.1	3021.6 *	4	0940	981	0.	.1	3021.6 *	6	17151648	0.	.1	3021.6
2	0210	315	0.	.1	3021.6 *	4	0945	982	0.	.1	3021.6 *	6	17201649	0.	.1	3021.6
2	0215	316	0.	.1	3021.6 *	4	0950	983	0.	.1	3021.6 *	6	17251650	0.	.1	3021.6
2	0220	317	0.	.1	3021.6 *	4	0955	984	0.	.1	3021.6 *	6	17301651	0.	.1	3021.6
2	0225	318	0.	.1	3021.6 *	4	1000	985	0.	.1	3021.6 *	6	17351652	0.	.1	3021.6
2	0230	319	0.	.1	3021.6 *	4	1005	986	0.	.1	3021.6 *	6	17401653	0.	.1	3021.6
2	0235	320	0.	.1	3021.6 *	4	1010	987	0.	.1	3021.6 *	6	17451654	0.	.1	3021.6
2	0240	321	0.	.1	3021.6 *	4	1015	988	0.	.1	3021.6 *	6	17501655	0.	.1	3021.6
2	0245	322	0.	.1	3021.6 *	4	1020	989	0.	.1	3021.6 *	6	17551656	0.	.1	3021.6
2	0250	323	0.	.1	3021.6 *	4	1025	990	0.	.1	3021.6 *	6	18001657	0.	.1	3021.6
2	0255	324	0.	.1	3021.6 *	4	1030	991	0.	.1	3021.6 *	6	18051658	0.	.1	3021.6
2	0300	325	0.	.1	3021.6 *	4	1035	992	0.	.1	3021.6 *	6	18101659	0.	.1	3021.6
2	0305	326	0.	.1	3021.6 *	4	1040	993	0.	.1	3021.6 *	6	18151660	0.	.1	3021.6
2	0310	327	0.	.1	3021.6 *	4	1045	994	0.	.1	3021.6 *	6	18201661	0.	.1	3021.6
2	0315	328	0.	.1	3021.6 *	4	1050	995	0.	.1	3021.6 *	6	18251662	0.	.1	3021.6
2	0320	329	0.	.1	3021.6 *	4	1055	996	0.	.1	3021.6 *	6	18301663	0.	.1	3021.6
2	0325	330	0.	.1	3021.6 *	4	1100	997	0.	.1	3021.6 *	6	18351664	0.	.1	3021.6
2	0330	331	0.	.1	3021.6 *	4	1105	998	0.	.1	3021.6 *	6	18401665	0.	.1	3021.6
2	0335	332	0.	.1	3021.6 *	4	1110	999	0.	.1	3021.6 *	6	18451666	0.	.1	3021.6
2	0340	333	0.	.1	3021.6 *	4	11151000		0.	.1	3021.6 *	6	18501667	0.	.1	3021.6
2	0345	334	0.	.1	3021.6 *	4	11201001		0.	.1	3021.6 *	6	18551668	0.	.1	3021.6
2	0350	335	0.	.1	3021.6 *	4	11251002		0.	.1	3021.6 *	6	19001669	0.	.1	3021.6
2	0355	336	0.	.1	3021.6 *	4	11301003		0.	.1	3021.6 *	6	19051670	0.	.1	3021.6
2	0400	337	0.	.1	3021.6 *	4	11351004		0.	.1	3021.6 *	6	19101671	0.	.1	3021.6
2	0405	338	0.	.1	3021.6 *	4	11401005		0.	.1	3021.6 *	6	19151672	0.	.1	3021.6
2	0410	339	0.	.1	3021.6 *	4	11451006		0.	.1	3021.6 *	6	19201673	0.	.1	3021.6
2	0415	340	0.	.1	3021.6 *	4	11501007		0.	.1	3021.6 *	6	19251674	0.	.1	3021.6
2	0420	341	0.	.1	3021.6 *	4	11551008		0.	.1	3021.6 *	6	19301675	0.	.1	3021.6
2	0425	342	0.	.1	3021.6 *	4	12001009		0.	.1	3021.6 *	6	19351676	0.	.1	3021.6
2	0430	343	0.	.1	3021.6 *	4	12051010		0.	.1	3021.6 *	6	19401677	0.	.1	3021.6
2	0435	344	0.	.1	3021.6 *	4	12101011		0.	.1	3021.6 *	6	19451678	0.	.1	3021.6
2	0440	345	0.	.1	3021.6 *	4	12151012		0.	.1	3021.6 *	6	19501679	0.	.1	3021.6
2	0445	346	0.	.1	3021.6 *	4	12201013		0.	.1	3021.6 *	6	19551680	0.	.1	3021.6
2	0450	347	0.	.1	3021.6 *	4	12251014		0.	.1	3021.6 *	6	20001681	0.	.1	3021.6
2	0455	348	0.	.1	3021.6 *	4	12301015		0.	.1	3021.6 *	6	20051682	0.	.1	3021.6
2	0500	349	0.	.1	3021.6 *	4	12351016		0.	.1	3021.6 *	6	20101683	0.	.1	3021.6
2	0505	350	0.	.1	3021.6 *	4	12401017		0.	.1	3021.6 *	6	20151684	0.	.1	3021.6
2	0510	351	0.	.1	3021.6 *	4	12451018		0.	.1	3021.6 *	6	20201685	0.	.1	3021.6
2	0515	352	0.	.1	3021.6 *	4	12501019		0.	.1	3021.6 *	6	20251686	0.	.1	3021.6
2	0520	353	0.	.1	3021.6 *	4	12551020		0.	.1	3021.6 *	6	20301687	0.	.1	3021.6
2	0525	354	0.	.1	3021.6 *	4	13001021		0.	.1	3021.6 *	6	20351688	0.	.1	3021.6
2	0530	355	0.	.1	3021.6 *	4	13051022		0.	.1	3021.6 *	6	20401689	0.	.1	3021.6
2	0535	356	0.	.1	3021.6 *	4	13101023		0.	.1	3021.6 *	6	20451690	0.	.1	3021.6
2	0540	357	0.	.1	3021.6 *	4	13151024		0.	.1	3021.6 *	6	20501691	0.	.1	3021.6
2	0545	358	0.	.1	3021.6 *	4	13201025		0.	.1	3021.6 *	6	20551692	0.	.1	3021.6
2	0550	359	0.	.1	3021.6 *	4	13251026		0.	.1	3021.6 *	6	21001693	0.	.1	3021.6
2	0555	360	0.	.1	3021.6 *	4	13301027		0.	.1	3021.6 *	6	21051694	0.	.1	3021.6
2	0600	361	0.	.1	3021.6 *	4	13351028		0.	.1	3021.6 *	6	21101695	0.	.1	3021.6
2	0605	362	0.	.1	3021.6 *	4	13401029		0.	.1	3021.6 *	6	21151696	0.	.1	3021.6
2	0610	363	0.	.1	3021.6 *	4	13451030		0.	.1	3021.6 *	6	21201697	0.	.1	3021.6
2	0615	364	0.	.1	3021.6 *	4	13501031		0.	.1	3021.6 *	6	21251698	0.	.1	3021.6
2	0620	365	0.	.1	3021.6 *	4	13551032		0.	.1	3021.6 *	6	21301699	0.	.1	3021.6
2	0625	366	0.	.1	3021.6 *	4	14001033		0.	.1	3021.6 *	6	21351700	0.	.1	3021.6
2	0630	367	0.	.1	3021.6 *	4	14051034		0.	.1	3021.6 *	6	21401701	0.	.1	3021.6
2	0635	368	0.	.1	3021.6 *	4	14101035		0.	.1	3021.6 *	6	21451702	0.	.1	3021.6
2	0640	369	0.	.1	3021.6 *	4	14151036		0.	.1	3021.6 *	6	21501703	0.	.1	3021.6
2	0645	370	0.	.1	3021.6 *	4	14201037		0.	.1	3021.6 *	6	21551704	0.	.1	3021.6
2	0650	371	0.	.1	3021.6 *	4	14251038		0.	.1	3021.6 *	6	22001705	0.	.1	3021.6
2	0655	372	0.	.1	3021.6 *	4	14301039		0.	.1	3021.6 *	6	22051706	0.	.1	3021.6
2	0700	373	0.	.1	3021.6 *	4	14351040		0.	.1	3021.6 *	6	22101707	0.	.1	3021.6
2	0705	374	0.	.1	3021.6 *	4	14401041		0.	.1	3021.6 *	6	22151708	0.	.1	3021.6
2	0710	375	0.	.1	3021.6 *	4	14451042		0.	.1	3021.6 *	6	22201709	0.	.1	3021.6
2	0715	376	0.	.1	3021.6 *	4	14501043		0.	.1	3021.6 *	6	22251710	0.	.1	3021.6
2	0720	377	0.	.1	3021.6 *	4	14551044		0.	.1	3021.6 *	6	22301711	0.	.1	3021.6
2	0725	378	0.	.1	3021.6 *	4	15001045		0.	.1	3021.6 *	6	22351712	0.	.1	3021.6
2	0730	379	0.	.1	3021.6 *	4	15051046		0.	.1	3021.6 *	6	22401713	0.	.1	3021.6
2	0735	380	0.	.1	3021.6 *	4	15101047		0.	.1	3021.6 *	6	22451714	0.	.1	3021.6
2	0740	381	0.	.1	3021.6 *	4	15151048		0.	.1	3021.6 *	6	22501715	0.	.1	3021.6
2	0745	382	0.	.1	3021.6 *	4	15201049		0.	.1	3021.6 *	6	22551716	0.	.1	3021.6
2	0750	383	0.	.1	3021.6 *	4	15251050		0.	.1	3021.6 *	6	23001717	0.	.1	3021.6
2	0755	384	0.	.1	3021.6 *	4	15301051		0.	.1	3021.6 *	6	23051718	0.	.1	3021.6
2	0800	385	0.	.1	3021.6 *	4	15351052		0.	.1	3021.6 *	6	23101719	0.	.1	3021.6
2	0805	386	0.	.1	3021.6 *	4	15401053		0.	.1	3021.6 *	6	23151720	0.	.1	3021.6
2	0810	387	0.	.1	3021.6 *	4	15451054		0.	.1	3021.6 *	6	23201721	0.	.1	3021.6
2	0815	388	0.	.1	3021.6 *	4	15501055		0.	.1	3021.6 *	6	23251722	0.	.1	3021.6

ULT

2	0820	389	0.	.1	3021.6	* 4	15551056	0.	.1	3021.6	* 6	23301723	0.	.1	3021.6
2	0825	390	0.	.1	3021.6	* 4	16001057	0.	.1	3021.6	* 6	23351724	0.	.1	3021.6
2	0830	391	0.	.1	3021.6	* 4	16051058	0.	.1	3021.6	* 6	23401725	0.	.1	3021.6
2	0835	392	0.	.1	3021.6	* 4	16101059	0.	.1	3021.6	* 6	23451726	0.	.1	3021.6
2	0840	393	0.	.1	3021.6	* 4	16151060	0.	.1	3021.6	* 6	23501727	0.	.1	3021.6
2	0845	394	0.	.1	3021.6	* 4	16201061	0.	.1	3021.6	* 6	23551728	0.	.1	3021.6
2	0850	395	0.	.1	3021.6	* 4	16251062	0.	.1	3021.6	* 7	00001729	0.	.1	3021.6
2	0855	396	0.	.1	3021.6	* 4	16301063	0.	.1	3021.6	* 7	00051730	0.	.1	3021.6
2	0900	397	0.	.1	3021.6	* 4	16351064	0.	.1	3021.6	* 7	00101731	0.	.1	3021.6
2	0905	398	0.	.1	3021.6	* 4	16401065	0.	.1	3021.6	* 7	00151732	0.	.1	3021.6
2	0910	399	0.	.1	3021.6	* 4	16451066	0.	.1	3021.6	* 7	00201733	0.	.1	3021.6
2	0915	400	0.	.1	3021.6	* 4	16501067	0.	.1	3021.6	* 7	00251734	0.	.1	3021.6
2	0920	401	0.	.1	3021.6	* 4	16551068	0.	.1	3021.6	* 7	00301735	0.	.1	3021.6
2	0925	402	0.	.1	3021.6	* 4	17001069	0.	.1	3021.6	* 7	00351736	0.	.1	3021.6
2	0930	403	0.	.1	3021.6	* 4	17051070	0.	.1	3021.6	* 7	00401737	0.	.1	3021.6
2	0935	404	0.	.1	3021.6	* 4	17101071	0.	.1	3021.6	* 7	00451738	0.	.1	3021.6
2	0940	405	0.	.1	3021.6	* 4	17151072	0.	.1	3021.6	* 7	00501739	0.	.1	3021.6
2	0945	406	0.	.1	3021.6	* 4	17201073	0.	.1	3021.6	* 7	00551740	0.	.1	3021.6
2	0950	407	0.	.1	3021.6	* 4	17251074	0.	.1	3021.6	* 7	01001741	0.	.1	3021.6
2	0955	408	0.	.1	3021.6	* 4	17301075	0.	.1	3021.6	* 7	01051742	0.	.1	3021.6
2	1000	409	0.	.1	3021.6	* 4	17351076	0.	.1	3021.6	* 7	01101743	0.	.1	3021.6
2	1005	410	0.	.1	3021.6	* 4	17401077	0.	.1	3021.6	* 7	01151744	0.	.1	3021.6
2	1010	411	0.	.1	3021.6	* 4	17451078	0.	.1	3021.6	* 7	01201745	0.	.1	3021.6
2	1015	412	0.	.1	3021.6	* 4	17501079	0.	.1	3021.6	* 7	01251746	0.	.1	3021.6
2	1020	413	0.	.1	3021.6	* 4	17551080	0.	.1	3021.6	* 7	01301747	0.	.1	3021.6
2	1025	414	0.	.1	3021.6	* 4	18001081	0.	.1	3021.6	* 7	01351748	0.	.1	3021.6
2	1030	415	0.	.1	3021.6	* 4	18051082	0.	.1	3021.6	* 7	01401749	0.	.1	3021.6
2	1035	416	0.	.1	3021.6	* 4	18101083	0.	.1	3021.6	* 7	01451750	0.	.1	3021.6
2	1040	417	0.	.1	3021.6	* 4	18151084	0.	.1	3021.6	* 7	01501751	0.	.1	3021.6
2	1045	418	0.	.1	3021.6	* 4	18201085	0.	.1	3021.6	* 7	01551752	0.	.1	3021.6
2	1050	419	0.	.1	3021.6	* 4	18251086	0.	.1	3021.6	* 7	02001753	0.	.1	3021.6
2	1055	420	0.	.1	3021.6	* 4	18301087	0.	.1	3021.6	* 7	02051754	0.	.1	3021.6
2	1100	421	0.	.1	3021.6	* 4	18351088	0.	.1	3021.6	* 7	02101755	0.	.1	3021.6
2	1105	422	0.	.1	3021.6	* 4	18401089	0.	.1	3021.6	* 7	02151756	0.	.1	3021.6
2	1110	423	0.	.1	3021.6	* 4	18451090	0.	.1	3021.6	* 7	02201757	0.	.1	3021.6
2	1115	424	0.	.1	3021.6	* 4	18501091	0.	.1	3021.6	* 7	02251758	0.	.1	3021.6
2	1120	425	0.	.1	3021.6	* 4	18551092	0.	.1	3021.6	* 7	02301759	0.	.1	3021.6
2	1125	426	0.	.1	3021.6	* 4	19001093	0.	.1	3021.6	* 7	02351760	0.	.1	3021.6
2	1130	427	0.	.1	3021.6	* 4	19051094	0.	.1	3021.6	* 7	02401761	0.	.1	3021.6
2	1135	428	0.	.1	3021.6	* 4	19101095	0.	.1	3021.6	* 7	02451762	0.	.1	3021.6
2	1140	429	0.	.1	3021.6	* 4	19151096	0.	.1	3021.6	* 7	02501763	0.	.1	3021.6
2	1145	430	0.	.1	3021.6	* 4	19201097	0.	.1	3021.6	* 7	02551764	0.	.1	3021.6
2	1150	431	0.	.1	3021.6	* 4	19251098	0.	.1	3021.6	* 7	03001765	0.	.1	3021.6
2	1155	432	0.	.1	3021.6	* 4	19301099	0.	.1	3021.6	* 7	03051766	0.	.1	3021.6
2	1200	433	0.	.1	3021.6	* 4	19351100	0.	.1	3021.6	* 7	03101767	0.	.1	3021.6
2	1205	434	0.	.1	3021.6	* 4	19401101	0.	.1	3021.6	* 7	03151768	0.	.1	3021.6
2	1210	435	0.	.1	3021.6	* 4	19451102	0.	.1	3021.6	* 7	03201769	0.	.1	3021.6
2	1215	436	0.	.1	3021.6	* 4	19501103	0.	.1	3021.6	* 7	03251770	0.	.1	3021.6
2	1220	437	0.	.1	3021.6	* 4	19551104	0.	.1	3021.6	* 7	03301771	0.	.1	3021.6
2	1225	438	0.	.1	3021.6	* 4	20001105	0.	.1	3021.6	* 7	03351772	0.	.1	3021.6
2	1230	439	0.	.1	3021.6	* 4	20051106	0.	.1	3021.6	* 7	03401773	0.	.1	3021.6
2	1235	440	0.	.1	3021.6	* 4	20101107	0.	.1	3021.6	* 7	03451774	0.	.1	3021.6
2	1240	441	0.	.1	3021.6	* 4	20151108	0.	.1	3021.6	* 7	03501775	0.	.1	3021.6
2	1245	442	0.	.1	3021.6	* 4	20201109	0.	.1	3021.6	* 7	03551776	0.	.1	3021.6
2	1250	443	0.	.1	3021.6	* 4	20251110	0.	.1	3021.6	* 7	04001777	0.	.1	3021.6
2	1255	444	0.	.1	3021.6	* 4	20301111	0.	.1	3021.6	* 7	04051778	0.	.1	3021.6
2	1300	445	0.	.1	3021.6	* 4	20351112	0.	.1	3021.6	* 7	04101779	0.	.1	3021.6
2	1305	446	0.	.1	3021.6	* 4	20401113	0.	.1	3021.6	* 7	04151780	0.	.1	3021.6
2	1310	447	0.	.1	3021.6	* 4	20451114	0.	.1	3021.6	* 7	04201781	0.	.1	3021.6
2	1315	448	0.	.1	3021.6	* 4	20501115	0.	.1	3021.6	* 7	04251782	0.	.1	3021.6
2	1320	449	0.	.1	3021.6	* 4	20551116	0.	.1	3021.6	* 7	04301783	0.	.1	3021.6
2	1325	450	0.	.1	3021.6	* 4	21001117	0.	.1	3021.6	* 7	04351784	0.	.1	3021.6
2	1330	451	0.	.1	3021.6	* 4	21051118	0.	.1	3021.6	* 7	04401785	0.	.1	3021.6
2	1335	452	0.	.1	3021.6	* 4	21101119	0.	.1	3021.6	* 7	04451786	0.	.1	3021.6
2	1340	453	0.	.1	3021.6	* 4	21151120	0.	.1	3021.6	* 7	04501787	0.	.1	3021.6
2	1345	454	0.	.1	3021.6	* 4	21201121	0.	.1	3021.6	* 7	04551788	0.	.1	3021.6
2	1350	455	0.	.1	3021.6	* 4	21251122	0.	.1	3021.6	* 7	05001789	0.	.1	3021.6
2	1355	456	0.	.1	3021.6	* 4	21301123	0.	.1	3021.6	* 7	05051790	0.	.1	3021.6
2	1400	457	0.	.1	3021.6	* 4	21351124	0.	.1	3021.6	* 7	05101791	0.	.1	3021.6
2	1405	458	0.	.1	3021.6	* 4	21401125	0.	.1	3021.6	* 7	05151792	0.	.1	3021.6
2	1410	459	0.	.1	3021.6	* 4	21451126	0.	.1	3021.6	* 7	05201793	0.	.1	3021.6
2	1415	460	0.	.1	3021.6	* 4	21501127	0.	.1	3021.6	* 7	05251794	0.	.1	3021.6
2	1420	461	0.	.1	3021.6	* 4	21551128	0.	.1	3021.6	* 7	05301795	0.	.1	3021.6
2	1425	462	0.	.1	3021.6	* 4	22001129	0.	.1	3021.6	* 7	05351796	0.	.1	3021.6
2	1430	463	0.	.1	3021.6	* 4	22051130	0.	.1	3021.6	* 7	05401797	0.	.1	3021.6
2	1435	464	0.	.1	3021.6	* 4	22101131	0.	.1	3021.6	* 7	05451798	0.	.1	3021.6
2	1440	465	0.	.1	3021.6	* 4	22151132	0.	.1	3021.6	* 7	05501799	0.	.1	3021.6
2	1445	466	0.	.1	3021.6	* 4	22201133	0.	.1	3021.6	* 7	05551800	0.	.1	3021.6
2	1450	467	0.	.1	3021.6	* 4	22251134	0.	.1	3021.6	* 7	06001801	0.	.1	3021.6
2	1455	468	0.	.1	3021.6	* 4	22301135	0.	.1	3021.6	* 7	06051802	0.	.1	3021.6
2	1500	469	0.	.1	3021.6	* 4	22351136	0.	.1	3021.6	* 7	06101803	0.	.1	3021.6
2	1505	470	0.	.1	3021.6	* 4	22401137	0.	.1	3021.6	* 7	06151804	0.	.1	3021.6
2	1510	471	0.	.1	3021.6	* 4	22451138	0.	.1	3021.6	* 7	06201805	0.	.1	3021.6
2	1515	472	0.	.1	3021.6	* 4	22501139	0.	.1	3021.6	* 7	06251806	0.	.1	3021.6
2	1520	473	0.	.1	3021.6	* 4	22551140	0.	.1	3021.6	* 7	06301807	0.	.1	3021.6
2	1525	474	0.	.1	3021.6	* 4	23001141	0.	.1	3021.6	* 7	06351808	0.	.1	3021.6
2	1530	475	0.	.1	3021.6	* 4	23051142	0.	.1	3021.6	* 7	06401809	0.	.1	3021.6
2	1535	476	0.	.1	3021.6	* 4	23101143	0.	.1	3021.6	* 7	06451810	0.	.1	3021.6
2	1540	477	0.	.1	3021.6	* 4	23151144	0.	.1	3021.6	* 7	06501811	0.	.1	3021.6

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2	1545	478	0.	.1	3021.6	* 4	23201145	0.	.1	3021.6	* 7	06551812	0.	.1	3021.6
2	1550	479	0.	.1	3021.6	* 4	23251146	0.	.1	3021.6	* 7	07001813	0.	.1	3021.6
2	1555	480	0.	.1	3021.6	* 4	23301147	0.	.1	3021.6	* 7	07051814	0.	.1	3021.6
2	1600	481	0.	.1	3021.6	* 4	23351148	0.	.1	3021.6	* 7	07101815	0.	.1	3021.6
2	1605	482	0.	.1	3021.6	* 4	23401149	0.	.1	3021.6	* 7	07151816	0.	.1	3021.6
2	1610	483	0.	.1	3021.6	* 4	23451150	0.	.1	3021.6	* 7	07201817	0.	.1	3021.6
2	1615	484	0.	.1	3021.6	* 4	23501151	0.	.1	3021.6	* 7	07251818	0.	.1	3021.6
2	1620	485	0.	.1	3021.6	* 4	23551152	0.	.1	3021.6	* 7	07301819	0.	.1	3021.6
2	1625	486	0.	.1	3021.6	* 5	00001153	0.	.1	3021.6	* 7	07351820	0.	.1	3021.6
2	1630	487	0.	.1	3021.6	* 5	00051154	0.	.1	3021.6	* 7	07401821	0.	.1	3021.6
2	1635	488	0.	.1	3021.6	* 5	00101155	0.	.1	3021.6	* 7	07451822	0.	.1	3021.6
2	1640	489	0.	.1	3021.6	* 5	00151156	0.	.1	3021.6	* 7	07501823	0.	.1	3021.6
2	1645	490	0.	.1	3021.6	* 5	00201157	0.	.1	3021.6	* 7	07551824	0.	.1	3021.6
2	1650	491	0.	.1	3021.6	* 5	00251158	0.	.1	3021.6	* 7	08001825	0.	.1	3021.6
2	1655	492	0.	.1	3021.6	* 5	00301159	0.	.1	3021.6	* 7	08051826	0.	.1	3021.6
2	1700	493	0.	.1	3021.6	* 5	00351160	0.	.1	3021.6	* 7	08101827	0.	.1	3021.6
2	1705	494	0.	.1	3021.6	* 5	00401161	0.	.1	3021.6	* 7	08151828	0.	.1	3021.6
2	1710	495	0.	.1	3021.6	* 5	00451162	0.	.1	3021.6	* 7	08201829	0.	.1	3021.6
2	1715	496	0.	.1	3021.6	* 5	00501163	0.	.1	3021.6	* 7	08251830	0.	.1	3021.6
2	1720	497	0.	.1	3021.6	* 5	00551164	0.	.1	3021.6	* 7	08301831	0.	.1	3021.6
2	1725	498	0.	.1	3021.6	* 5	01001165	0.	.1	3021.6	* 7	08351832	0.	.1	3021.6
2	1730	499	0.	.1	3021.6	* 5	01051166	0.	.1	3021.6	* 7	08401833	0.	.1	3021.6
2	1735	500	0.	.1	3021.6	* 5	01101167	0.	.1	3021.6	* 7	08451834	0.	.1	3021.6
2	1740	501	0.	.1	3021.6	* 5	01151168	0.	.1	3021.6	* 7	08501835	0.	.1	3021.6
2	1745	502	0.	.1	3021.6	* 5	01201169	0.	.1	3021.6	* 7	08551836	0.	.1	3021.6
2	1750	503	0.	.1	3021.6	* 5	01251170	0.	.1	3021.6	* 7	09001837	0.	.1	3021.6
2	1755	504	0.	.1	3021.6	* 5	01301171	0.	.1	3021.6	* 7	09051838	0.	.1	3021.6
2	1800	505	0.	.1	3021.6	* 5	01351172	0.	.1	3021.6	* 7	09101839	0.	.1	3021.6
2	1805	506	0.	.1	3021.6	* 5	01401173	0.	.1	3021.6	* 7	09151840	0.	.1	3021.6
2	1810	507	0.	.1	3021.6	* 5	01451174	0.	.1	3021.6	* 7	09201841	0.	.1	3021.6
2	1815	508	0.	.1	3021.6	* 5	01501175	0.	.1	3021.6	* 7	09251842	0.	.1	3021.6
2	1820	509	0.	.1	3021.6	* 5	01551176	0.	.1	3021.6	* 7	09301843	0.	.1	3021.6
2	1825	510	0.	.1	3021.6	* 5	02001177	0.	.1	3021.6	* 7	09351844	0.	.1	3021.6
2	1830	511	0.	.1	3021.6	* 5	02051178	0.	.1	3021.6	* 7	09401845	0.	.1	3021.6
2	1835	512	0.	.1	3021.6	* 5	02101179	0.	.1	3021.6	* 7	09451846	0.	.1	3021.6
2	1840	513	0.	.1	3021.6	* 5	02151180	0.	.1	3021.6	* 7	09501847	0.	.1	3021.6
2	1845	514	0.	.1	3021.6	* 5	02201181	0.	.1	3021.6	* 7	09551848	0.	.1	3021.6
2	1850	515	0.	.1	3021.6	* 5	02251182	0.	.1	3021.6	* 7	10001849	0.	.1	3021.6
2	1855	516	0.	.1	3021.6	* 5	02301183	0.	.1	3021.6	* 7	10051850	0.	.1	3021.6
2	1900	517	0.	.1	3021.6	* 5	02351184	0.	.1	3021.6	* 7	10101851	0.	.1	3021.6
2	1905	518	0.	.1	3021.6	* 5	02401185	0.	.1	3021.6	* 7	10151852	0.	.1	3021.6
2	1910	519	0.	.1	3021.6	* 5	02451186	0.	.1	3021.6	* 7	10201853	0.	.1	3021.6
2	1915	520	0.	.1	3021.6	* 5	02501187	0.	.1	3021.6	* 7	10251854	0.	.1	3021.6
2	1920	521	0.	.1	3021.6	* 5	02551188	0.	.1	3021.6	* 7	10301855	0.	.1	3021.6
2	1925	522	0.	.1	3021.6	* 5	03001189	0.	.1	3021.6	* 7	10351856	0.	.1	3021.6
2	1930	523	0.	.1	3021.6	* 5	03051190	0.	.1	3021.6	* 7	10401857	0.	.1	3021.6
2	1935	524	0.	.1	3021.6	* 5	03101191	0.	.1	3021.6	* 7	10451858	0.	.1	3021.6
2	1940	525	0.	.1	3021.6	* 5	03151192	0.	.1	3021.6	* 7	10501859	0.	.1	3021.6
2	1945	526	0.	.1	3021.6	* 5	03201193	0.	.1	3021.6	* 7	10551860	0.	.1	3021.6
2	1950	527	0.	.1	3021.6	* 5	03251194	0.	.1	3021.6	* 7	11001861	0.	.1	3021.6
2	1955	528	0.	.1	3021.6	* 5	03301195	0.	.1	3021.6	* 7	11051862	0.	.1	3021.6
2	2000	529	0.	.1	3021.6	* 5	03351196	0.	.1	3021.6	* 7	11101863	0.	.1	3021.6
2	2005	530	0.	.1	3021.6	* 5	03401197	0.	.1	3021.6	* 7	11151864	0.	.1	3021.6
2	2010	531	0.	.1	3021.6	* 5	03451198	0.	.1	3021.6	* 7	11201865	0.	.1	3021.6
2	2015	532	0.	.1	3021.6	* 5	03501199	0.	.1	3021.6	* 7	11251866	0.	.1	3021.6
2	2020	533	0.	.1	3021.6	* 5	03551200	0.	.1	3021.6	* 7	11301867	0.	.1	3021.6
2	2025	534	0.	.1	3021.6	* 5	04001201	0.	.1	3021.6	* 7	11351868	0.	.1	3021.6
2	2030	535	0.	.1	3021.6	* 5	04051202	0.	.1	3021.6	* 7	11401869	0.	.1	3021.6
2	2035	536	0.	.1	3021.6	* 5	04101203	0.	.1	3021.6	* 7	11451870	0.	.1	3021.6
2	2040	537	0.	.1	3021.6	* 5	04151204	0.	.1	3021.6	* 7	11501871	0.	.1	3021.6
2	2045	538	0.	.1	3021.6	* 5	04201205	0.	.1	3021.6	* 7	11551872	0.	.1	3021.6
2	2050	539	0.	.1	3021.6	* 5	04251206	0.	.1	3021.6	* 7	12001873	0.	.1	3021.6
2	2055	540	0.	.1	3021.6	* 5	04301207	0.	.1	3021.6	* 7	12051874	0.	.1	3021.6
2	2100	541	0.	.1	3021.6	* 5	04351208	0.	.1	3021.6	* 7	12101875	0.	.1	3021.6
2	2105	542	0.	.1	3021.6	* 5	04401209	0.	.1	3021.6	* 7	12151876	0.	.1	3021.6
2	2110	543	0.	.1	3021.6	* 5	04451210	0.	.1	3021.6	* 7	12201877	0.	.1	3021.6
2	2115	544	0.	.1	3021.6	* 5	04501211	0.	.1	3021.6	* 7	12251878	0.	.1	3021.6
2	2120	545	0.	.1	3021.6	* 5	04551212	0.	.1	3021.6	* 7	12301879	0.	.1	3021.6
2	2125	546	0.	.1	3021.6	* 5	05001213	0.	.1	3021.6	* 7	12351880	0.	.1	3021.6
2	2130	547	0.	.1	3021.6	* 5	05051214	0.	.1	3021.6	* 7	12401881	0.	.1	3021.6
2	2135	548	0.	.1	3021.6	* 5	05101215	0.	.1	3021.6	* 7	12451882	0.	.1	3021.6
2	2140	549	0.	.1	3021.6	* 5	05151216	0.	.1	3021.6	* 7	12501883	0.	.1	3021.6
2	2145	550	0.	.1	3021.6	* 5	05201217	0.	.1	3021.6	* 7	12551884	0.	.1	3021.6
2	2150	551	0.	.1	3021.6	* 5	05251218	0.	.1	3021.6	* 7	13001885	0.	.1	3021.6
2	2155	552	0.	.1	3021.6	* 5	05301219	0.	.1	3021.6	* 7	13051886	0.	.1	3021.6
2	2200	553	0.	.1	3021.6	* 5	05351220	0.	.1	3021.6	* 7	13101887	0.	.1	3021.6
2	2205	554	0.	.1	3021.6	* 5	05401221	0.	.1	3021.6	* 7	13151888	0.	.1	3021.6
2	2210	555	0.	.1	3021.6	* 5	05451222	0.	.1	3021.6	* 7	13201889	0.	.1	3021.6
2	2215	556	0.	.1	3021.6	* 5	05501223	0.	.1	3021.6	* 7	13251890	0.	.1	3021.6
2	2220	557	0.	.1	3021.6	* 5	05551224	0.	.1	3021.6	* 7	13301891	0.	.1	3021.6
2	2225	558	0.	.1	3021.6	* 5	06001225	0.	.1	3021.6	* 7	13351892	0.	.1	3021.6
2	2230	559	0.	.1	3021.6	* 5	06051226	0.	.1	3021.6	* 7	13401893	0.	.1	3021.6
2	2235	560	0.	.1	3021.6	* 5	06101227	0.	.1	3021.6	* 7	13451894	0.	.1	3021.6
2	2240	561	0.	.1	3021.6	* 5	06151228	0.	.1	3021.6	* 7	13501895	0.	.1	3021.6
2	2245	562	0.	.1	3021.6	* 5	06201229	0.	.1	3021.6	* 7	13551896	0.	.1	3021.6
2	2250	563	0.	.1	3021.6	* 5	06251230	0.	.1	3021.6	* 7	14001897	0.	.1	3021.6
2	2255	564	0.	.1	3021.6	* 5	06301231	0.	.1	3021.6	* 7	14051898	0.	.1	3021.6
2	2300	565	0.	.1	3021.6	* 5	06351232	0.	.1	3021.6	* 7	14101899	0.	.1	3021.6
2	2305	566	0.	.1	3021.6	* 5	06401233	0.	.1	3021.6	* 7	14151900	0.	.1	3021.6

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2	2310	567	0.	.1	3021.6	*	5	06451234	0.	.1	3021.6	*	7	14201901	0.	.1	3021.6
2	2315	568	0.	.1	3021.6	*	5	06501235	0.	.1	3021.6	*	7	14251902	0.	.1	3021.6
2	2320	569	0.	.1	3021.6	*	5	06551236	0.	.1	3021.6	*	7	14301903	0.	.1	3021.6
2	2325	570	0.	.1	3021.6	*	5	07001237	0.	.1	3021.6	*	7	14351904	0.	.1	3021.6
2	2330	571	0.	.1	3021.6	*	5	07051238	0.	.1	3021.6	*	7	14401905	0.	.1	3021.6
2	2335	572	0.	.1	3021.6	*	5	07101239	0.	.1	3021.6	*	7	14451906	0.	.1	3021.6
2	2340	573	0.	.1	3021.6	*	5	07151240	0.	.1	3021.6	*	7	14501907	0.	.1	3021.6
2	2345	574	0.	.1	3021.6	*	5	07201241	0.	.1	3021.6	*	7	14551908	0.	.1	3021.6
2	2350	575	0.	.1	3021.6	*	5	07251242	0.	.1	3021.6	*	7	15001909	0.	.1	3021.6
2	2355	576	0.	.1	3021.6	*	5	07301243	0.	.1	3021.6	*	7	15051910	0.	.1	3021.6
3	0000	577	0.	.1	3021.6	*	5	07351244	0.	.1	3021.6	*	7	15101911	0.	.1	3021.6
3	0005	578	0.	.1	3021.6	*	5	07401245	0.	.1	3021.6	*	7	15151912	0.	.1	3021.6
3	0010	579	0.	.1	3021.6	*	5	07451246	0.	.1	3021.6	*	7	15201913	0.	.1	3021.6
3	0015	580	0.	.1	3021.6	*	5	07501247	0.	.1	3021.6	*	7	15251914	0.	.1	3021.6
3	0020	581	0.	.1	3021.6	*	5	07551248	0.	.1	3021.6	*	7	15301915	0.	.1	3021.6
3	0025	582	0.	.1	3021.6	*	5	08001249	0.	.1	3021.6	*	7	15351916	0.	.1	3021.6
3	0030	583	0.	.1	3021.6	*	5	08051250	0.	.1	3021.6	*	7	15401917	0.	.1	3021.6
3	0035	584	0.	.1	3021.6	*	5	08101251	0.	.1	3021.6	*	7	15451918	0.	.1	3021.6
3	0040	585	0.	.1	3021.6	*	5	08151252	0.	.1	3021.6	*	7	15501919	0.	.1	3021.6
3	0045	586	0.	.1	3021.6	*	5	08201253	0.	.1	3021.6	*	7	15551920	0.	.1	3021.6
3	0050	587	0.	.1	3021.6	*	5	08251254	0.	.1	3021.6	*	7	16001921	0.	.1	3021.6
3	0055	588	0.	.1	3021.6	*	5	08301255	0.	.1	3021.6	*	7	16051922	0.	.1	3021.6
3	0100	589	0.	.1	3021.6	*	5	08351256	0.	.1	3021.6	*	7	16101923	0.	.1	3021.6
3	0105	590	0.	.1	3021.6	*	5	08401257	0.	.1	3021.6	*	7	16151924	0.	.1	3021.6
3	0110	591	0.	.1	3021.6	*	5	08451258	0.	.1	3021.6	*	7	16201925	0.	.1	3021.6
3	0115	592	0.	.1	3021.6	*	5	08501259	0.	.1	3021.6	*	7	16251926	0.	.1	3021.6
3	0120	593	0.	.1	3021.6	*	5	08551260	0.	.1	3021.6	*	7	16301927	0.	.1	3021.6
3	0125	594	0.	.1	3021.6	*	5	09001261	0.	.1	3021.6	*	7	16351928	0.	.1	3021.6
3	0130	595	0.	.1	3021.6	*	5	09051262	0.	.1	3021.6	*	7	16401929	0.	.1	3021.6
3	0135	596	0.	.1	3021.6	*	5	09101263	0.	.1	3021.6	*	7	16451930	0.	.1	3021.6
3	0140	597	0.	.1	3021.6	*	5	09151264	0.	.1	3021.6	*	7	16501931	0.	.1	3021.6
3	0145	598	0.	.1	3021.6	*	5	09201265	0.	.1	3021.6	*	7	16551932	0.	.1	3021.6
3	0150	599	0.	.1	3021.6	*	5	09251266	0.	.1	3021.6	*	7	17001933	0.	.1	3021.6
3	0155	600	0.	.1	3021.6	*	5	09301267	0.	.1	3021.6	*	7	17051934	0.	.1	3021.6
3	0200	601	0.	.1	3021.6	*	5	09351268	0.	.1	3021.6	*	7	17101935	0.	.1	3021.6
3	0205	602	0.	.1	3021.6	*	5	09401269	0.	.1	3021.6	*	7	17151936	0.	.1	3021.6
3	0210	603	0.	.1	3021.6	*	5	09451270	0.	.1	3021.6	*	7	17201937	0.	.1	3021.6
3	0215	604	0.	.1	3021.6	*	5	09501271	0.	.1	3021.6	*	7	17251938	0.	.1	3021.6
3	0220	605	0.	.1	3021.6	*	5	09551272	0.	.1	3021.6	*	7	17301939	0.	.1	3021.6
3	0225	606	0.	.1	3021.6	*	5	10001273	0.	.1	3021.6	*	7	17351940	0.	.1	3021.6
3	0230	607	0.	.1	3021.6	*	5	10051274	0.	.1	3021.6	*	7	17401941	0.	.1	3021.6
3	0235	608	0.	.1	3021.6	*	5	10101275	0.	.1	3021.6	*	7	17451942	0.	.1	3021.6
3	0240	609	0.	.1	3021.6	*	5	10151276	0.	.1	3021.6	*	7	17501943	0.	.1	3021.6
3	0245	610	0.	.1	3021.6	*	5	10201277	0.	.1	3021.6	*	7	17551944	0.	.1	3021.6
3	0250	611	0.	.1	3021.6	*	5	10251278	0.	.1	3021.6	*	7	18001945	0.	.1	3021.6
3	0255	612	0.	.1	3021.6	*	5	10301279	0.	.1	3021.6	*	7	18051946	0.	.1	3021.6
3	0300	613	0.	.1	3021.6	*	5	10351280	0.	.1	3021.6	*	7	18101947	0.	.1	3021.6
3	0305	614	0.	.1	3021.6	*	5	10401281	0.	.1	3021.6	*	7	18151948	0.	.1	3021.6
3	0310	615	0.	.1	3021.6	*	5	10451282	0.	.1	3021.6	*	7	18201949	0.	.1	3021.6
3	0315	616	0.	.1	3021.6	*	5	10501283	0.	.1	3021.6	*	7	18251950	0.	.1	3021.6
3	0320	617	0.	.1	3021.6	*	5	10551284	0.	.1	3021.6	*	7	18301951	0.	.1	3021.6
3	0325	618	0.	.1	3021.6	*	5	11001285	0.	.1	3021.6	*	7	18351952	0.	.1	3021.6
3	0330	619	0.	.1	3021.6	*	5	11051286	0.	.1	3021.6	*	7	18401953	0.	.1	3021.6
3	0335	620	0.	.1	3021.6	*	5	11101287	0.	.1	3021.6	*	7	18451954	0.	.1	3021.6
3	0340	621	0.	.1	3021.6	*	5	11151288	0.	.1	3021.6	*	7	18501955	0.	.1	3021.6
3	0345	622	0.	.1	3021.6	*	5	11201289	0.	.1	3021.6	*	7	18551956	0.	.1	3021.6
3	0350	623	0.	.1	3021.6	*	5	11251290	0.	.1	3021.6	*	7	19001957	0.	.1	3021.6
3	0355	624	0.	.1	3021.6	*	5	11301291	0.	.1	3021.6	*	7	19051958	0.	.1	3021.6
3	0400	625	0.	.1	3021.6	*	5	11351292	0.	.1	3021.6	*	7	19101959	0.	.1	3021.6
3	0405	626	0.	.1	3021.6	*	5	11401293	0.	.1	3021.6	*	7	19151960	0.	.1	3021.6
3	0410	627	0.	.1	3021.6	*	5	11451294	0.	.1	3021.6	*	7	19201961	0.	.1	3021.6
3	0415	628	0.	.1	3021.6	*	5	11501295	0.	.1	3021.6	*	7	19251962	0.	.1	3021.6
3	0420	629	0.	.1	3021.6	*	5	11551296	0.	.1	3021.6	*	7	19301963	0.	.1	3021.6
3	0425	630	0.	.1	3021.6	*	5	12001297	0.	.1	3021.6	*	7	19351964	0.	.1	3021.6
3	0430	631	0.	.1	3021.6	*	5	12051298	0.	.1	3021.6	*	7	19401965	0.	.1	3021.6
3	0435	632	0.	.1	3021.6	*	5	12101299	0.	.1	3021.6	*	7	19451966	0.	.1	3021.6
3	0440	633	0.	.1	3021.6	*	5	12151300	0.	.1	3021.6	*	7	19501967	0.	.1	3021.6
3	0445	634	0.	.1	3021.6	*	5	12201301	0.	.1	3021.6	*	7	19551968	0.	.1	3021.6
3	0450	635	0.	.1	3021.6	*	5	12251302	0.	.1	3021.6	*	7	20001969	0.	.1	3021.6
3	0455	636	0.	.1	3021.6	*	5	12301303	0.	.1	3021.6	*	7	20051970	0.	.1	3021.6
3	0500	637	0.	.1	3021.6	*	5	12351304	0.	.1	3021.6	*	7	20101971	0.	.1	3021.6
3	0505	638	0.	.1	3021.6	*	5	12401305	0.	.1	3021.6	*	7	20151972	0.	.1	3021.6
3	0510	639	0.	.1	3021.6	*	5	12451306	0.	.1	3021.6	*	7	20201973	0.	.1	3021.6
3	0515	640	0.	.1	3021.6	*	5	12501307	0.	.1	3021.6	*	7	20251974	0.	.1	3021.6
3	0520	641	0.	.1	3021.6	*	5	12551308	0.	.1	3021.6	*	7	20301975	0.	.1	3021.6
3	0525	642	0.	.1	3021.6	*	5	13001309	0.	.1	3021.6	*	7	20351976	0.	.1	3021.6
3	0530	643	0.	.1	3021.6	*	5	13051310	0.	.1	3021.6	*	7	20401977	0.	.1	3021.6
3	0535	644	0.	.1	3021.6	*	5	13101311	0.	.1	3021.6	*	7	20451978	0.	.1	3021.6
3	0540	645	0.	.1	3021.6	*	5	13151312	0.	.1	3021.6	*	7	20501979	0.	.1	3021.6
3	0545	646	0.	.1	3021.6	*	5	13201313	0.	.1	3021.6	*	7	20551980	0.	.1	3021.6
3	0550	647	0.	.1	3021.6	*	5	13251314	0.	.1	3021.6	*	7	21001981	0.	.1	3021.6
3	0555	648	0.	.1	3021.6	*	5	13301315	0.	.1	3021.6	*	7	21051982	0.	.1	3021.6
3	0600	649	0.	.1	3021.6	*	5	13351316	0.	.1	3021.6	*	7	21101983	0.	.1	3021.6
3	0605	650	0.	.1	3021.6	*	5	13401317	0.	.1	3021.6	*	7	21151984	0.	.1	3021.6
3	0610	651	0.	.1	3021.6	*	5	13451318	0.	.1	3021.6	*	7	21201985	0.	.1	3021.6
3	0615	652	0.	.1	3021.6	*	5	13501319	0.	.1	3021.6	*	7	21251986	0.	.1	3021.6
3	0620	653	0.	.1	3021.6	*	5	13551320	0.	.1	3021.6	*	7	21301987	0.	.1	3021.6
3	0625	654	0.	.1	3021.6	*	5	14001321	0.	.1	3021.6	*	7	21351988	0.	.1	3021.6
3	0630	655	0.	.1	3021.6	*	5	14051322	0.	.1	3021.6	*	7	21401989	0.	.1	3021.6

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3	0635	656	0.	.1	3021.6	*	5	14101323	0.	.1	3021.6	*	7	21451990	0.	.1	3021.6		
3	0640	657	0.	.1	3021.6	*	5	14151324	0.	.1	3021.6	*	7	21501991	0.	.1	3021.6		
3	0645	658	0.	.1	3021.6	*	5	14201325	0.	.1	3021.6	*	7	21551992	0.	.1	3021.6		
3	0650	659	0.	.1	3021.6	*	5	14251326	0.	.1	3021.6	*	7	22001993	0.	.1	3021.6		
3	0655	660	0.	.1	3021.6	*	5	14301327	0.	.1	3021.6	*	7	22051994	0.	.1	3021.6		
3	0700	661	0.	.1	3021.6	*	5	14351328	0.	.1	3021.6	*	7	22101995	0.	.1	3021.6		
3	0705	662	0.	.1	3021.6	*	5	14401329	0.	.1	3021.6	*	7	22151996	0.	.1	3021.6		
3	0710	663	0.	.1	3021.6	*	5	14451330	0.	.1	3021.6	*	7	22201997	0.	.1	3021.6		
3	0715	664	0.	.1	3021.6	*	5	14501331	0.	.1	3021.6	*	7	22251998	0.	.1	3021.6		
3	0720	665	0.	.1	3021.6	*	5	14551332	0.	.1	3021.6	*	7	22301999	0.	.1	3021.6		
3	0725	666	0.	.1	3021.6	*	5	15001333	0.	.1	3021.6	*	7	22352000	0.	.1	3021.6		
3	0730	667	0.	.1	3021.6	*	5	15051334	0.	.1	3021.6	*							

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 71.	5.58		68.	39.	13.	6.
		(INCHES)	.713	1.661	1.661	1.661
		(AC-FT)	33.	78.	78.	78.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
57.	5.58	47.	18.	6.	3.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
3034.86	5.58	3033.41	3027.02	3023.39	3022.25

CUMULATIVE AREA = .88 SQ MI

HYDROGRAPH AT STATION RDB1
PLAN 1, RATIO = .93

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	50.	.0	3025.5	*	3		0735	668	0.	.0	3013.8	*	5		15101335		0.	.0	3013.8
1		0005	2	0.	.0	3013.8	*	3		0740	669	0.	.0	3013.8	*	5		15151336		0.	.0	3013.8
1		0010	3	1.	.0	3014.0	*	3		0745	670	0.	.0	3013.8	*	5		15201337		0.	.0	3013.8
1		0015	4	2.	.0	3014.3	*	3		0750	671	0.	.0	3013.8	*	5		15251338		0.	.0	3013.8
1		0020	5	4.	.0	3014.8	*	3		0755	672	0.	.0	3013.8	*	5		15301339		0.	.0	3013.8
1		0025	6	7.	.0	3015.4	*	3		0800	673	0.	.0	3013.8	*	5		15351340		0.	.0	3013.8
1		0030	7	9.	.0	3016.0	*	3		0805	674	0.	.0	3013.8	*	5		15401341		0.	.0	3013.8
1		0035	8	8.	.0	3015.8	*	3		0810	675	0.	.0	3013.8	*	5		15451342		0.	.0	3013.8
1		0040	9	5.	.0	3015.1	*	3		0815	676	0.	.0	3013.8	*	5		15501343		0.	.0	3013.8
1		0045	10	3.	.0	3014.5	*	3		0820	677	0.	.0	3013.8	*	5		15551344		0.	.0	3013.8
1		0050	11	2.	.0	3014.3	*	3		0825	678	0.	.0	3013.8	*	5		16001345		0.	.0	3013.8
1		0055	12	1.	.0	3014.1	*	3		0830	679	0.	.0	3013.8	*	5		16051346		0.	.0	3013.8
1		0100	13	1.	.0	3014.1	*	3		0835	680	0.	.0	3013.8	*	5		16101347		0.	.0	3013.8
1		0105	14	2.	.0	3014.2	*	3		0840	681	0.	.0	3013.8	*	5		16151348		0.	.0	3013.8
1		0110	15	4.	.0	3014.6	*	3		0845	682	0.	.0	3013.8	*	5		16201349		0.	.0	3013.8
1		0115	16	5.	.0	3014.9	*	3		0850	683	0.	.0	3013.8	*	5		16251350		0.	.0	3013.8
1		0120	17	6.	.0	3015.1	*	3		0855	684	0.	.0	3013.8	*	5		16301351		0.	.0	3013.8
1		0125	18	9.	.0	3015.9	*	3		0900	685	0.	.0	3013.8	*	5		16351352		0.	.0	3013.8
1		0130	19	15.	.0	3017.2	*	3		0905	686	0.	.0	3013.8	*	5		16401353		0.	.0	3013.8
1		0135	20	20.	.0	3018.1	*	3		0910	687	0.	.0	3013.8	*	5		16451354		0.	.0	3013.8
1		0140	21	24.	.0	3018.7	*	3		0915	688	0.	.0	3013.8	*	5		16501355		0.	.0	3013.8
1		0145	22	27.	.0	3019.2	*	3		0920	689	0.	.0	3013.8	*	5		16551356		0.	.0	3013.8
1		0150	23	27.	.0	3019.2	*	3		0925	690	0.	.0	3013.8	*	5		17001357		0.	.0	3013.8
1		0155	24	25.	.0	3018.8	*	3		0930	691	0.	.0	3013.8	*	5		17051358		0.	.0	3013.8
1		0200	25	22.	.0	3018.4	*	3		0935	692	0.	.0	3013.8	*	5		17101359		0.	.0	3013.8
1		0205	26	20.	.0	3018.0	*	3		0940	693	0.	.0	3013.8	*	5		17151360		0.	.0	3013.8
1		0210	27	22.	.0	3018.4	*	3		0945	694	0.	.0	3013.8	*	5		17201361		0.	.0	3013.8
1		0215	28	30.	.0	3019.7	*	3		0950	695	0.	.0	3013.8	*	5		17251362		0.	.0	3013.8
1		0220	29	38.	.0	3022.0	*	3		0955	696	0.	.0	3013.8	*	5		17301363		0.	.0	3013.8
1		0225	30	44.	.0	3023.6	*	3		1000	697	0.	.0	3013.8	*	5		17351364		0.	.0	3013.8
1		0230	31	44.	.0	3023.8	*	3		1005	698	0.	.0	3013.8	*	5		17401365		0.	.0	3013.8
1		0235	32	43.	.0	3023.5	*	3		1010	699	0.	.0	3013.8	*	5		17451366		0.	.0	3013.8
1		0240	33	49.	.0	3025.3	*	3		1015	700	0.	.0	3013.8	*	5		17501367		0.	.0	3013.8
1		0245	34	50.	.0	3025.5	*	3		1020	701	0.	.0	3013.8	*	5		17551368		0.	.0	3013.8
1		0250	35	50.	.1	3025.5	*	3		1025	702	0.	.0	3013.8	*	5		18001369		0.	.0	3013.8
1		0255	36	50.	.1	3025.5	*	3		1030	703	0.	.0	3013.8	*	5		18051370		0.	.0	3013.8
1		0300	37	50.	.1	3025.5	*	3		1035	704	0.	.0	3013.8	*	5		18101371		0.	.0	3013.8
1		0305	38	50.	.1	3025.5	*	3		1040	705	0.	.0	3013.8	*	5		18151372		0.	.0	3013.8
1		0310	39	50.	.4	3025.6	*	3		1045	706	0.	.0	3013.8	*	5		18201373		0.	.0	3013.8
1		0315	40	50.	.9	3025.7	*	3		1050	707	0.	.0	3013.8	*	5		18251374		0.	.0	3013.8
1		0320	41	50.	1.9	3025.9	*	3		1055	708	0.	.0	3013.8	*	5		18301375		0.	.0	3013.8
1		0325	42	51.	3.8	3026.2	*	3		1100	709	0.	.0	3013.8	*	5		18351376		0.	.0	3013.8
1		0330	43	53.	6.7	3026.8	*	3		1105	710	0.	.0	3013.8	*	5		18401377		0.	.0	3013.8
1		0335	44	55.	10.7	3027.5	*	3		1110	711	0.	.0	3013.8	*	5		18451378		0.	.0	3013.8

												ULT							
1	0340	45	56.	15.2	3028.3	*	3	1115	712	0.	.0	3013.8	*	5	18501379	0.	.0	3013.8	
1	0345	46	58.	19.8	3029.1	*	3	1120	713	0.	.0	3013.8	*	5	18551380	0.	.0	3013.8	
1	0350	47	60.	24.3	3029.9	*	3	1125	714	0.	.0	3013.8	*	5	19001381	0.	.0	3013.8	
1	0355	48	62.	28.5	3030.5	*	3	1130	715	0.	.0	3013.8	*	5	19051382	0.	.0	3013.8	
1	0400	49	63.	32.1	3031.1	*	3	1135	716	0.	.0	3013.8	*	5	19101383	0.	.0	3013.8	
1	0405	50	64.	35.2	3031.5	*	3	1140	717	0.	.0	3013.8	*	5	19151384	0.	.0	3013.8	
1	0410	51	64.	37.7	3031.9	*	3	1145	718	0.	.0	3013.8	*	5	19201385	0.	.0	3013.8	
1	0415	52	65.	39.6	3032.2	*	3	1150	719	0.	.0	3013.8	*	5	19251386	0.	.0	3013.8	
1	0420	53	66.	41.2	3032.4	*	3	1155	720	0.	.0	3013.8	*	5	19301387	0.	.0	3013.8	
1	0425	54	66.	42.4	3032.6	*	3	1200	721	0.	.0	3013.8	*	5	19351388	0.	.0	3013.8	
1	0430	55	66.	43.5	3032.8	*	3	1205	722	0.	.0	3013.8	*	5	19401389	0.	.0	3013.8	
1	0435	56	67.	44.6	3033.0	*	3	1210	723	0.	.0	3013.8	*	5	19451390	0.	.0	3013.8	
1	0440	57	67.	45.7	3033.1	*	3	1215	724	0.	.0	3013.8	*	5	19501391	0.	.0	3013.8	
1	0445	58	67.	46.7	3033.3	*	3	1220	725	0.	.0	3013.8	*	5	19551392	0.	.0	3013.8	
1	0450	59	68.	47.8	3033.4	*	3	1225	726	0.	.0	3013.8	*	5	20001393	0.	.0	3013.8	
1	0455	60	68.	48.8	3033.6	*	3	1230	727	0.	.0	3013.8	*	5	20051394	0.	.0	3013.8	
1	0500	61	68.	49.9	3033.8	*	3	1235	728	0.	.0	3013.8	*	5	20101395	0.	.0	3013.8	
1	0505	62	69.	50.8	3033.9	*	3	1240	729	0.	.0	3013.8	*	5	20151396	0.	.0	3013.8	
1	0510	63	69.	51.5	3034.0	*	3	1245	730	0.	.0	3013.8	*	5	20201397	0.	.0	3013.8	
1	0515	64	69.	52.1	3034.1	*	3	1250	731	0.	.0	3013.8	*	5	20251398	0.	.0	3013.8	
1	0520	65	69.	52.5	3034.2	*	3	1255	732	0.	.0	3013.8	*	5	20301399	0.	.0	3013.8	
1	0525	66	69.	52.8	3034.2	*	3	1300	733	0.	.0	3013.8	*	5	20351400	0.	.0	3013.8	
1	0530	67	69.	52.9	3034.2	*	3	1305	734	0.	.0	3013.8	*	5	20401401	0.	.0	3013.8	
1	0535	68	69.	52.9	3034.2	*	3	1310	735	0.	.0	3013.8	*	5	20451402	0.	.0	3013.8	
1	0540	69	69.	52.8	3034.2	*	3	1315	736	0.	.0	3013.8	*	5	20501403	0.	.0	3013.8	
1	0545	70	69.	52.7	3034.2	*	3	1320	737	0.	.0	3013.8	*	5	20551404	0.	.0	3013.8	
1	0550	71	69.	52.5	3034.2	*	3	1325	738	0.	.0	3013.8	*	5	21001405	0.	.0	3013.8	
1	0555	72	69.	52.2	3034.1	*	3	1330	739	0.	.0	3013.8	*	5	21051406	0.	.0	3013.8	
1	0600	73	69.	51.9	3034.1	*	3	1335	740	0.	.0	3013.8	*	5	21101407	0.	.0	3013.8	
1	0605	74	69.	51.6	3034.0	*	3	1340	741	0.	.0	3013.8	*	5	21151408	0.	.0	3013.8	
1	0610	75	69.	51.3	3034.0	*	3	1345	742	0.	.0	3013.8	*	5	21201409	0.	.0	3013.8	
1	0615	76	69.	51.0	3033.9	*	3	1350	743	0.	.0	3013.8	*	5	21251410	0.	.0	3013.8	
1	0620	77	69.	50.6	3033.9	*	3	1355	744	0.	.0	3013.8	*	5	21301411	0.	.0	3013.8	
1	0625	78	68.	50.2	3033.8	*	3	1400	745	0.	.0	3013.8	*	5	21351412	0.	.0	3013.8	
1	0630	79	68.	49.8	3033.8	*	3	1405	746	0.	.0	3013.8	*	5	21401413	0.	.0	3013.8	
1	0635	80	68.	49.3	3033.7	*	3	1410	747	0.	.0	3013.8	*	5	21451414	0.	.0	3013.8	
1	0640	81	68.	48.9	3033.6	*	3	1415	748	0.	.0	3013.8	*	5	21501415	0.	.0	3013.8	
1	0645	82	68.	48.5	3033.6	*	3	1420	749	0.	.0	3013.8	*	5	21551416	0.	.0	3013.8	
1	0650	83	68.	48.0	3033.5	*	3	1425	750	0.	.0	3013.8	*	5	22001417	0.	.0	3013.8	
1	0655	84	68.	47.6	3033.4	*	3	1430	751	0.	.0	3013.8	*	5	22051418	0.	.0	3013.8	
1	0700	85	67.	47.1	3033.3	*	3	1435	752	0.	.0	3013.8	*	5	22101419	0.	.0	3013.8	
1	0705	86	67.	46.6	3033.3	*	3	1440	753	0.	.0	3013.8	*	5	22151420	0.	.0	3013.8	
1	0710	87	67.	46.2	3033.2	*	3	1445	754	0.	.0	3013.8	*	5	22201421	0.	.0	3013.8	
1	0715	88	67.	45.7	3033.1	*	3	1450	755	0.	.0	3013.8	*	5	22251422	0.	.0	3013.8	
1	0720	89	67.	45.3	3033.1	*	3	1455	756	0.	.0	3013.8	*	5	22301423	0.	.0	3013.8	
1	0725	90	67.	44.8	3033.0	*	3	1500	757	0.	.0	3013.8	*	5	22351424	0.	.0	3013.8	
1	0730	91	67.	44.3	3032.9	*	3	1505	758	0.	.0	3013.8	*	5	22401425	0.	.0	3013.8	
1	0735	92	66.	43.9	3032.9	*	3	1510	759	0.	.0	3013.8	*	5	22451426	0.	.0	3013.8	
1	0740	93	66.	43.4	3032.8	*	3	1515	760	0.	.0	3013.8	*	5	22501427	0.	.0	3013.8	
1	0745	94	66.	43.0	3032.7	*	3	1520	761	0.	.0	3013.8	*	5	22551428	0.	.0	3013.8	
1	0750	95	66.	42.5	3032.7	*	3	1525	762	0.	.0	3013.8	*	5	23001429	0.	.0	3013.8	
1	0755	96	66.	42.1	3032.6	*	3	1530	763	0.	.0	3013.8	*	5	23051430	0.	.0	3013.8	
1	0800	97	66.	41.6	3032.5	*	3	1535	764	0.	.0	3013.8	*	5	23101431	0.	.0	3013.8	
1	0805	98	66.	41.2	3032.4	*	3	1540	765	0.	.0	3013.8	*	5	23151432	0.	.0	3013.8	
1	0810	99	65.	40.7	3032.4	*	3	1545	766	0.	.0	3013.8	*	5	23201433	0.	.0	3013.8	
1	0815	100	65.	40.3	3032.3	*	3	1550	767	0.	.0	3013.8	*	5	23251434	0.	.0	3013.8	
1	0820	101	65.	39.8	3032.2	*	3	1555	768	0.	.0	3013.8	*	5	23301435	0.	.0	3013.8	
1	0825	102	65.	39.4	3032.2	*	3	1600	769	0.	.0	3013.8	*	5	23351436	0.	.0	3013.8	
1	0830	103	65.	38.9	3032.1	*	3	1605	770	0.	.0	3013.8	*	5	23401437	0.	.0	3013.8	
1	0835	104	65.	38.5	3032.0	*	3	1610	771	0.	.0	3013.8	*	5	23451438	0.	.0	3013.8	
1	0840	105	65.	38.0	3032.0	*	3	1615	772	0.	.0	3013.8	*	5	23501439	0.	.0	3013.8	
1	0845	106	64.	37.6	3031.9	*	3	1620	773	0.	.0	3013.8	*	5	23551440	0.	.0	3013.8	
1	0850	107	64.	37.1	3031.8	*	3	1625	774	0.	.0	3013.8	*	6	00001441	0.	.0	3013.8	
1	0855	108	64.	36.7	3031.8	*	3	1630	775	0.	.0	3013.8	*	6	00051442	0.	.0	3013.8	
1	0900	109	64.	36.2	3031.7	*	3	1635	776	0.	.0	3013.8	*	6	00101443	0.	.0	3013.8	
1	0905	110	64.	35.8	3031.6	*	3	1640	777	0.	.0	3013.8	*	6	00151444	0.	.0	3013.8	
1	0910	111	64.	35.4	3031.6	*	3	1645	778	0.	.0	3013.8	*	6	00201445	0.	.0	3013.8	
1	0915	112	64.	34.9	3031.5	*	3	1650	779	0.	.0	3013.8	*	6	00251446	0.	.0	3013.8	
1	0920	113	64.	34.5	3031.4	*	3	1655	780	0.	.0	3013.8	*	6	00301447	0.	.0	3013.8	
1	0925	114	63.	34.1	3031.4	*	3	1700	781	0.	.0	3013.8	*	6	00351448	0.	.0	3013.8	
1	0930	115	63.	33.6	3031.3	*	3	1705	782	0.	.0	3013.8	*	6	00401449	0.	.0	3013.8	
1	0935	116	63.	33.2	3031.2	*	3	1710	783	0.	.0	3013.8	*	6	00451450	0.	.0	3013.8	
1	0940	117	63.	32.7	3031.2	*	3	1715	784	0.	.0	3013.8	*	6	00501451	0.	.0	3013.8	
1	0945	118	63.	32.3	3031.1	*	3	1720	785	0.	.0	3013.8	*	6	00551452	0.	.0	3013.8	
1	0950	119	63.	31.9	3031.0	*	3	1725	786	0.	.0	3013.8	*	6	01001453	0.	.0	3013.8	
1	0955	120	63.	31.5	3031.0	*	3	1730	787	0.	.0	3013.8	*	6	01051454	0.	.0	3013.8	
1	1000	121	62.	31.0	3030.9	*	3	1735	788	0.	.0	3013.8	*	6	01101455	0.	.0	3013.8	
1	1005	122	62.	30.6	3030.8	*	3	1740	789	0.	.0	3013.8	*	6	01151456	0.	.0	3013.8	
1	1010	123	62.	30.2	3030.8	*	3	1745	790	0.	.0	3013.8	*	6	01201457	0.	.0	3013.8	
1	1015	124	62.	29.7	3030.7	*	3	1750	791	0.	.0	3013.8	*	6	01251458	0.	.0	3013.8	
1	1020	125	62.	29.3	3030.6	*	3	1755	792	0.	.0	3013.8	*	6	01301459	0.	.0	3013.8	
1	1025	126	62.	28.9	3030.6	*	3	1800	793	0.	.0	3013.8	*	6	01351460	0.	.0	3013.8	
1	1030	127	62.	28.5	3030.5	*	3	1805	794	0.	.0	3013.8	*	6	01401461	0.	.0	3013.8	
1	1035	128	61.	28.0	3030.4	*	3	1810	795	0.	.0	3013.8	*	6	01451462	0.	.0	3013.8	
1	1040	129	61.	27.6	3030.4	*	3	1815	796	0.	.0	3013.8	*	6	01501463	0.	.0	3013.8	
1	1045	130	61.	27.2	3030.3	*	3	1820	797	0.	.0	3013.8	*	6	01551464	0.	.0	3013.8	
1	1050	131	61.	26.8	3030.2	*	3	1825	798	0.	.0	3013.8	*	6	02001465	0.	.0	3013.8	
1	1055	132	61.	26.3	3030.2	*	3	1830	799	0.	.0	3013.8	*	6	02051466	0.	.0	3013.8	
1	1100	133	61.	25.9	3030.1	*	3	1835	800	0.	.0	3013.8	*	6	02101467	0.	.0	3013.8	

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1	1105	134	61.	25.5	3030.1	*	3	1840	801	0.	.0	3013.8	*	6	02151468	0.	.0	3013.8	
1	1110	135	61.	25.1	3030.0	*	3	1845	802	0.	.0	3013.8	*	6	02201469	0.	.0	3013.8	
1	1115	136	60.	24.7	3029.9	*	3	1850	803	0.	.0	3013.8	*	6	02251470	0.	.0	3013.8	
1	1120	137	60.	24.3	3029.9	*	3	1855	804	0.	.0	3013.8	*	6	02301471	0.	.0	3013.8	
1	1125	138	60.	23.8	3029.8	*	3	1900	805	0.	.0	3013.8	*	6	02351472	0.	.0	3013.8	
1	1130	139	60.	23.4	3029.7	*	3	1905	806	0.	.0	3013.8	*	6	02401473	0.	.0	3013.8	
1	1135	140	60.	23.0	3029.6	*	3	1910	807	0.	.0	3013.8	*	6	02451474	0.	.0	3013.8	
1	1140	141	60.	22.6	3029.6	*	3	1915	808	0.	.0	3013.8	*	6	02501475	0.	.0	3013.8	
1	1145	142	59.	22.2	3029.5	*	3	1920	809	0.	.0	3013.8	*	6	02551476	0.	.0	3013.8	
1	1150	143	59.	21.8	3029.4	*	3	1925	810	0.	.0	3013.8	*	6	03001477	0.	.0	3013.8	
1	1155	144	59.	21.4	3029.4	*	3	1930	811	0.	.0	3013.8	*	6	03051478	0.	.0	3013.8	
1	1200	145	59.	21.0	3029.3	*	3	1935	812	0.	.0	3013.8	*	6	03101479	0.	.0	3013.8	
1	1205	146	59.	20.6	3029.2	*	3	1940	813	0.	.0	3013.8	*	6	03151480	0.	.0	3013.8	
1	1210	147	59.	20.2	3029.2	*	3	1945	814	0.	.0	3013.8	*	6	03201481	0.	.0	3013.8	
1	1215	148	58.	19.8	3029.1	*	3	1950	815	0.	.0	3013.8	*	6	03251482	0.	.0	3013.8	
1	1220	149	58.	19.4	3029.0	*	3	1955	816	0.	.0	3013.8	*	6	03301483	0.	.0	3013.8	
1	1225	150	58.	19.0	3029.0	*	3	2000	817	0.	.0	3013.8	*	6	03351484	0.	.0	3013.8	
1	1230	151	58.	18.6	3028.9	*	3	2005	818	0.	.0	3013.8	*	6	03401485	0.	.0	3013.8	
1	1235	152	58.	18.2	3028.8	*	3	2010	819	0.	.0	3013.8	*	6	03451486	0.	.0	3013.8	
1	1240	153	58.	17.8	3028.8	*	3	2015	820	0.	.0	3013.8	*	6	03501487	0.	.0	3013.8	
1	1245	154	57.	17.4	3028.7	*	3	2020	821	0.	.0	3013.8	*	6	03551488	0.	.0	3013.8	
1	1250	155	57.	17.0	3028.6	*	3	2025	822	0.	.0	3013.8	*	6	04001489	0.	.0	3013.8	
1	1255	156	57.	16.6	3028.6	*	3	2030	823	0.	.0	3013.8	*	6	04051490	0.	.0	3013.8	
1	1300	157	57.	16.2	3028.5	*	3	2035	824	0.	.0	3013.8	*	6	04101491	0.	.0	3013.8	
1	1305	158	57.	15.8	3028.4	*	3	2040	825	0.	.0	3013.8	*	6	04151492	0.	.0	3013.8	
1	1310	159	57.	15.4	3028.4	*	3	2045	826	0.	.0	3013.8	*	6	04201493	0.	.0	3013.8	
1	1315	160	56.	15.0	3028.3	*	3	2050	827	0.	.0	3013.8	*	6	04251494	0.	.0	3013.8	
1	1320	161	56.	14.6	3028.2	*	3	2055	828	0.	.0	3013.8	*	6	04301495	0.	.0	3013.8	
1	1325	162	56.	14.2	3028.2	*	3	2100	829	0.	.0	3013.8	*	6	04351496	0.	.0	3013.8	
1	1330	163	56.	13.9	3028.1	*	3	2105	830	0.	.0	3013.8	*	6	04401497	0.	.0	3013.8	
1	1335	164	56.	13.5	3028.0	*	3	2110	831	0.	.0	3013.8	*	6	04451498	0.	.0	3013.8	
1	1340	165	56.	13.1	3028.0	*	3	2115	832	0.	.0	3013.8	*	6	04501499	0.	.0	3013.8	
1	1345	166	55.	12.7	3027.9	*	3	2120	833	0.	.0	3013.8	*	6	04551500	0.	.0	3013.8	
1	1350	167	55.	12.3	3027.8	*	3	2125	834	0.	.0	3013.8	*	6	05001501	0.	.0	3013.8	
1	1355	168	55.	12.0	3027.8	*	3	2130	835	0.	.0	3013.8	*	6	05051502	0.	.0	3013.8	
1	1400	169	55.	11.6	3027.7	*	3	2135	836	0.	.0	3013.8	*	6	05101503	0.	.0	3013.8	
1	1405	170	55.	11.2	3027.6	*	3	2140	837	0.	.0	3013.8	*	6	05151504	0.	.0	3013.8	
1	1410	171	55.	10.8	3027.6	*	3	2145	838	0.	.0	3013.8	*	6	05201505	0.	.0	3013.8	
1	1415	172	54.	10.4	3027.5	*	3	2150	839	0.	.0	3013.8	*	6	05251506	0.	.0	3013.8	
1	1420	173	54.	10.1	3027.4	*	3	2155	840	0.	.0	3013.8	*	6	05301507	0.	.0	3013.8	
1	1425	174	54.	9.7	3027.4	*	3	2200	841	0.	.0	3013.8	*	6	05351508	0.	.0	3013.8	
1	1430	175	54.	9.3	3027.3	*	3	2205	842	0.	.0	3013.8	*	6	05401509	0.	.0	3013.8	
1	1435	176	54.	9.0	3027.2	*	3	2210	843	0.	.0	3013.8	*	6	05451510	0.	.0	3013.8	
1	1440	177	54.	8.6	3027.2	*	3	2215	844	0.	.0	3013.8	*	6	05501511	0.	.0	3013.8	
1	1445	178	53.	8.2	3027.1	*	3	2220	845	0.	.0	3013.8	*	6	05551512	0.	.0	3013.8	
1	1450	179	53.	7.8	3027.0	*	3	2225	846	0.	.0	3013.8	*	6	06001513	0.	.0	3013.8	
1	1455	180	53.	7.5	3027.0	*	3	2230	847	0.	.0	3013.8	*	6	06051514	0.	.0	3013.8	
1	1500	181	53.	7.1	3026.9	*	3	2235	848	0.	.0	3013.8	*	6	06101515	0.	.0	3013.8	
1	1505	182	53.	6.8	3026.8	*	3	2240	849	0.	.0	3013.8	*	6	06151516	0.	.0	3013.8	
1	1510	183	53.	6.4	3026.7	*	3	2245	850	0.	.0	3013.8	*	6	06201517	0.	.0	3013.8	
1	1515	184	52.	6.0	3026.7	*	3	2250	851	0.	.0	3013.8	*	6	06251518	0.	.0	3013.8	
1	1520	185	52.	5.7	3026.6	*	3	2255	852	0.	.0	3013.8	*	6	06301519	0.	.0	3013.8	
1	1525	186	52.	5.3	3026.5	*	3	2300	853	0.	.0	3013.8	*	6	06351520	0.	.0	3013.8	
1	1530	187	52.	4.9	3026.5	*	3	2305	854	0.	.0	3013.8	*	6	06401521	0.	.0	3013.8	
1	1535	188	52.	4.6	3026.4	*	3	2310	855	0.	.0	3013.8	*	6	06451522	0.	.0	3013.8	
1	1540	189	52.	4.2	3026.3	*	3	2315	856	0.	.0	3013.8	*	6	06501523	0.	.0	3013.8	
1	1545	190	51.	3.9	3026.3	*	3	2320	857	0.	.0	3013.8	*	6	06551524	0.	.0	3013.8	
1	1550	191	51.	3.5	3026.2	*	3	2325	858	0.	.0	3013.8	*	6	07001525	0.	.0	3013.8	
1	1555	192	51.	3.2	3026.1	*	3	2330	859	0.	.0	3013.8	*	6	07051526	0.	.0	3013.8	
1	1600	193	51.	2.8	3026.1	*	3	2335	860	0.	.0	3013.8	*	6	07101527	0.	.0	3013.8	
1	1605	194	51.	2.5	3026.0	*	3	2340	861	0.	.0	3013.8	*	6	07151528	0.	.0	3013.8	
1	1610	195	51.	2.1	3025.9	*	3	2345	862	0.	.0	3013.8	*	6	07201529	0.	.0	3013.8	
1	1615	196	50.	1.8	3025.8	*	3	2350	863	0.	.0	3013.8	*	6	07251530	0.	.0	3013.8	
1	1620	197	50.	1.4	3025.8	*	3	2355	864	0.	.0	3013.8	*	6	07301531	0.	.0	3013.8	
1	1625	198	50.	1.1	3025.7	*	4	0000	865	0.	.0	3013.8	*	6	07351532	0.	.0	3013.8	
1	1630	199	50.	.7	3025.6	*	4	0005	866	0.	.0	3013.8	*	6	07401533	0.	.0	3013.8	
1	1635	200	50.	.4	3025.6	*	4	0010	867	0.	.0	3013.8	*	6	07451534	0.	.0	3013.8	
1	1640	201	50.	.1	3025.5	*	4	0015	868	0.	.0	3013.8	*	6	07501535	0.	.0	3013.8	
1	1645	202	0.	.0	3013.8	*	4	0020	869	0.	.0	3013.8	*	6	07551536	0.	.0	3013.8	
1	1650	203	0.	.0	3013.8	*	4	0025	870	0.	.0	3013.8	*	6	08001537	0.	.0	3013.8	
1	1655	204	0.	.0	3013.8	*	4	0030	871	0.	.0	3013.8	*	6	08051538	0.	.0	3013.8	
1	1700	205	0.	.0	3013.8	*	4	0035	872	0.	.0	3013.8	*	6	08101539	0.	.0	3013.8	
1	1705	206	0.	.0	3013.8	*	4	0040	873	0.	.0	3013.8	*	6	08151540	0.	.0	3013.8	
1	1710	207	0.	.0	3013.8	*	4	0045	874	0.	.0	3013.8	*	6	08201541	0.	.0	3013.8	
1	1715	208	0.	.0	3013.8	*	4	0050	875	0.	.0	3013.8	*	6	08251542	0.	.0	3013.8	
1	1720	209	0.	.0	3013.8	*	4	0055	876	0.	.0	3013.8	*	6	08301543	0.	.0	3013.8	
1	1725	210	0.	.0	3013.8	*	4	0100	877	0.	.0	3013.8	*	6	08351544	0.	.0	3013.8	
1	1730	211	0.	.0	3013.8	*	4	0105	878	0.	.0	3013.8	*	6	08401545	0.	.0	3013.8	
1	1735	212	0.	.0	3013.8	*	4	0110	879	0.	.0	3013.8	*	6	08451546	0.	.0	3013.8	
1	1740	213	0.	.0	3013.8	*	4	0115	880	0.	.0	3013.8	*	6	08501547	0.	.0	3013.8	
1	1745	214	0.	.0	3013.8	*	4	0120	881	0.	.0	3013.8	*	6	08551548	0.	.0	3013.8	
1	1750	215	0.	.0	3013.8	*	4	0125	882	0.	.0	3013.8	*	6	09001549	0.	.0	3013.8	
1	1755	216	0.	.0	3013.8	*	4	0130	883	0.	.0	3013.8	*	6	09051550	0.	.0	3013.8	
1	1800	217	0.	.0	3013.8	*	4	0135	884	0.	.0	3013.8	*	6	09101551	0.	.0	3013.8	
1	1805	218	0.	.0	3013.8	*	4	0140	885	0.	.0	3013.8	*	6	09151552	0.	.0	3013.8	
1	1810	219	0.	.0	3013.8	*	4	0145	886	0.	.0	3013.8	*	6	09201553	0.	.0	3013.8	
1	1815	220	0.	.0	3013.8	*	4	0150	887	0.	.0	3013.8	*	6	09251554	0.	.0	3013.8	
1	1820	221	0.	.0	3013.8	*	4	0155	888	0.	.0	3013.8	*	6	09301555	0.	.0	3013.8	
1	1825	222	0.	.0	3013.8	*	4	0200	889	0.	.0	3013.8	*	6	09351556	0.	.0	3013.8	

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1	1830	223	0.	.0	3013.8	*	4	0205	890	0.	.0	3013.8	*	6	09401557	0.	.0	3013.8
1	1835	224	0.	.0	3013.8	*	4	0210	891	0.	.0	3013.8	*	6	09451558	0.	.0	3013.8
1	1840	225	0.	.0	3013.8	*	4	0215	892	0.	.0	3013.8	*	6	09501559	0.	.0	3013.8
1	1845	226	0.	.0	3013.8	*	4	0220	893	0.	.0	3013.8	*	6	09551560	0.	.0	3013.8
1	1850	227	0.	.0	3013.8	*	4	0225	894	0.	.0	3013.8	*	6	10001561	0.	.0	3013.8
1	1855	228	0.	.0	3013.8	*	4	0230	895	0.	.0	3013.8	*	6	10051562	0.	.0	3013.8
1	1900	229	0.	.0	3013.8	*	4	0235	896	0.	.0	3013.8	*	6	10101563	0.	.0	3013.8
1	1905	230	0.	.0	3013.8	*	4	0240	897	0.	.0	3013.8	*	6	10151564	0.	.0	3013.8
1	1910	231	0.	.0	3013.8	*	4	0245	898	0.	.0	3013.8	*	6	10201565	0.	.0	3013.8
1	1915	232	0.	.0	3013.8	*	4	0250	899	0.	.0	3013.8	*	6	10251566	0.	.0	3013.8
1	1920	233	0.	.0	3013.8	*	4	0255	900	0.	.0	3013.8	*	6	10301567	0.	.0	3013.8
1	1925	234	0.	.0	3013.8	*	4	0300	901	0.	.0	3013.8	*	6	10351568	0.	.0	3013.8
1	1930	235	0.	.0	3013.8	*	4	0305	902	0.	.0	3013.8	*	6	10401569	0.	.0	3013.8
1	1935	236	0.	.0	3013.8	*	4	0310	903	0.	.0	3013.8	*	6	10451570	0.	.0	3013.8
1	1940	237	0.	.0	3013.8	*	4	0315	904	0.	.0	3013.8	*	6	10501571	0.	.0	3013.8
1	1945	238	0.	.0	3013.8	*	4	0320	905	0.	.0	3013.8	*	6	10551572	0.	.0	3013.8
1	1950	239	0.	.0	3013.8	*	4	0325	906	0.	.0	3013.8	*	6	11001573	0.	.0	3013.8
1	1955	240	0.	.0	3013.8	*	4	0330	907	0.	.0	3013.8	*	6	11051574	0.	.0	3013.8
1	2000	241	0.	.0	3013.8	*	4	0335	908	0.	.0	3013.8	*	6	11101575	0.	.0	3013.8
1	2005	242	0.	.0	3013.8	*	4	0340	909	0.	.0	3013.8	*	6	11151576	0.	.0	3013.8
1	2010	243	0.	.0	3013.8	*	4	0345	910	0.	.0	3013.8	*	6	11201577	0.	.0	3013.8
1	2015	244	0.	.0	3013.8	*	4	0350	911	0.	.0	3013.8	*	6	11251578	0.	.0	3013.8
1	2020	245	0.	.0	3013.8	*	4	0355	912	0.	.0	3013.8	*	6	11301579	0.	.0	3013.8
1	2025	246	0.	.0	3013.8	*	4	0400	913	0.	.0	3013.8	*	6	11351580	0.	.0	3013.8
1	2030	247	0.	.0	3013.8	*	4	0405	914	0.	.0	3013.8	*	6	11401581	0.	.0	3013.8
1	2035	248	0.	.0	3013.8	*	4	0410	915	0.	.0	3013.8	*	6	11451582	0.	.0	3013.8
1	2040	249	0.	.0	3013.8	*	4	0415	916	0.	.0	3013.8	*	6	11501583	0.	.0	3013.8
1	2045	250	0.	.0	3013.8	*	4	0420	917	0.	.0	3013.8	*	6	11551584	0.	.0	3013.8
1	2050	251	0.	.0	3013.8	*	4	0425	918	0.	.0	3013.8	*	6	12001585	0.	.0	3013.8
1	2055	252	0.	.0	3013.8	*	4	0430	919	0.	.0	3013.8	*	6	12051586	0.	.0	3013.8
1	2100	253	0.	.0	3013.8	*	4	0435	920	0.	.0	3013.8	*	6	12101587	0.	.0	3013.8
1	2105	254	0.	.0	3013.8	*	4	0440	921	0.	.0	3013.8	*	6	12151588	0.	.0	3013.8
1	2110	255	0.	.0	3013.8	*	4	0445	922	0.	.0	3013.8	*	6	12201589	0.	.0	3013.8
1	2115	256	0.	.0	3013.8	*	4	0450	923	0.	.0	3013.8	*	6	12251590	0.	.0	3013.8
1	2120	257	0.	.0	3013.8	*	4	0455	924	0.	.0	3013.8	*	6	12301591	0.	.0	3013.8
1	2125	258	0.	.0	3013.8	*	4	0500	925	0.	.0	3013.8	*	6	12351592	0.	.0	3013.8
1	2130	259	0.	.0	3013.8	*	4	0505	926	0.	.0	3013.8	*	6	12401593	0.	.0	3013.8
1	2135	260	0.	.0	3013.8	*	4	0510	927	0.	.0	3013.8	*	6	12451594	0.	.0	3013.8
1	2140	261	0.	.0	3013.8	*	4	0515	928	0.	.0	3013.8	*	6	12501595	0.	.0	3013.8
1	2145	262	0.	.0	3013.8	*	4	0520	929	0.	.0	3013.8	*	6	12551596	0.	.0	3013.8
1	2150	263	0.	.0	3013.8	*	4	0525	930	0.	.0	3013.8	*	6	13001597	0.	.0	3013.8
1	2155	264	0.	.0	3013.8	*	4	0530	931	0.	.0	3013.8	*	6	13051598	0.	.0	3013.8
1	2200	265	0.	.0	3013.8	*	4	0535	932	0.	.0	3013.8	*	6	13101599	0.	.0	3013.8
1	2205	266	0.	.0	3013.8	*	4	0540	933	0.	.0	3013.8	*	6	13151600	0.	.0	3013.8
1	2210	267	0.	.0	3013.8	*	4	0545	934	0.	.0	3013.8	*	6	13201601	0.	.0	3013.8
1	2215	268	0.	.0	3013.8	*	4	0550	935	0.	.0	3013.8	*	6	13251602	0.	.0	3013.8
1	2220	269	0.	.0	3013.8	*	4	0555	936	0.	.0	3013.8	*	6	13301603	0.	.0	3013.8
1	2225	270	0.	.0	3013.8	*	4	0600	937	0.	.0	3013.8	*	6	13351604	0.	.0	3013.8
1	2230	271	0.	.0	3013.8	*	4	0605	938	0.	.0	3013.8	*	6	13401605	0.	.0	3013.8
1	2235	272	0.	.0	3013.8	*	4	0610	939	0.	.0	3013.8	*	6	13451606	0.	.0	3013.8
1	2240	273	0.	.0	3013.8	*	4	0615	940	0.	.0	3013.8	*	6	13501607	0.	.0	3013.8
1	2245	274	0.	.0	3013.8	*	4	0620	941	0.	.0	3013.8	*	6	13551608	0.	.0	3013.8
1	2250	275	0.	.0	3013.8	*	4	0625	942	0.	.0	3013.8	*	6	14001609	0.	.0	3013.8
1	2255	276	0.	.0	3013.8	*	4	0630	943	0.	.0	3013.8	*	6	14051610	0.	.0	3013.8
1	2300	277	0.	.0	3013.8	*	4	0635	944	0.	.0	3013.8	*	6	14101611	0.	.0	3013.8
1	2305	278	0.	.0	3013.8	*	4	0640	945	0.	.0	3013.8	*	6	14151612	0.	.0	3013.8
1	2310	279	0.	.0	3013.8	*	4	0645	946	0.	.0	3013.8	*	6	14201613	0.	.0	3013.8
1	2315	280	0.	.0	3013.8	*	4	0650	947	0.	.0	3013.8	*	6	14251614	0.	.0	3013.8
1	2320	281	0.	.0	3013.8	*	4	0655	948	0.	.0	3013.8	*	6	14301615	0.	.0	3013.8
1	2325	282	0.	.0	3013.8	*	4	0700	949	0.	.0	3013.8	*	6	14351616	0.	.0	3013.8
1	2330	283	0.	.0	3013.8	*	4	0705	950	0.	.0	3013.8	*	6	14401617	0.	.0	3013.8
1	2335	284	0.	.0	3013.8	*	4	0710	951	0.	.0	3013.8	*	6	14451618	0.	.0	3013.8
1	2340	285	0.	.0	3013.8	*	4	0715	952	0.	.0	3013.8	*	6	14501619	0.	.0	3013.8
1	2345	286	0.	.0	3013.8	*	4	0720	953	0.	.0	3013.8	*	6	14551620	0.	.0	3013.8
1	2350	287	0.	.0	3013.8	*	4	0725	954	0.	.0	3013.8	*	6	15001621	0.	.0	3013.8
1	2355	288	0.	.0	3013.8	*	4	0730	955	0.	.0	3013.8	*	6	15051622	0.	.0	3013.8
2	0000	289	0.	.0	3013.8	*	4	0735	956	0.	.0	3013.8	*	6	15101623	0.	.0	3013.8
2	0005	290	0.	.0	3013.8	*	4	0740	957	0.	.0	3013.8	*	6	15151624	0.	.0	3013.8
2	0010	291	0.	.0	3013.8	*	4	0745	958	0.	.0	3013.8	*	6	15201625	0.	.0	3013.8
2	0015	292	0.	.0	3013.8	*	4	0750	959	0.	.0	3013.8	*	6	15251626	0.	.0	3013.8
2	0020	293	0.	.0	3013.8	*	4	0755	960	0.	.0	3013.8	*	6	15301627	0.	.0	3013.8
2	0025	294	0.	.0	3013.8	*	4	0800	961	0.	.0	3013.8	*	6	15351628	0.	.0	3013.8
2	0030	295	0.	.0	3013.8	*	4	0805	962	0.	.0	3013.8	*	6	15401629	0.	.0	3013.8
2	0035	296	0.	.0	3013.8	*	4	0810	963	0.	.0	3013.8	*	6	15451630	0.	.0	3013.8
2	0040	297	0.	.0	3013.8	*	4	0815	964	0.	.0	3013.8	*	6	15501631	0.	.0	3013.8
2	0045	298	0.	.0	3013.8	*	4	0820	965	0.	.0	3013.8	*	6	15551632	0.	.0	3013.8
2	0050	299	0.	.0	3013.8	*	4	0825	966	0.	.0	3013.8	*	6	16001633	0.	.0	3013.8
2	0055	300	0.	.0	3013.8	*	4	0830	967	0.	.0	3013.8	*	6	16051634	0.	.0	3013.8
2	0100	301	0.	.0	3013.8	*	4	0835	968	0.	.0	3013.8	*	6	16101635	0.	.0	3013.8
2	0105	302	0.	.0	3013.8	*	4	0840	969	0.	.0	3013.8	*	6	16151636	0.	.0	3013.8
2	0110	303	0.	.0	3013.8	*	4	0845	970	0.	.0	3013.8	*	6	16201637	0.	.0	3013.8
2	0115	304	0.	.0	3013.8	*	4	0850	971	0.	.0	3013.8	*	6	16251638	0.	.0	3013.8
2	0120	305	0.	.0	3013.8	*	4	0855	972	0.	.0	3013.8	*	6	16301639	0.	.0	3013.8
2	0125	306	0.	.0	3013.8	*	4	0900	973	0.	.0	3013.8	*	6	16351640	0.	.0	3013.8
2	0130	307	0.	.0	3013.8	*	4	0905	974	0.	.0	3013.8	*	6	16401641	0.	.0	3013.8
2	0135	308	0.	.0	3013.8	*	4	0910	975	0.	.0	3013.8	*	6	16451642	0.	.0	3013.8
2	0140	309	0.	.0	3013.8	*	4	0915	976	0.	.0	3013.8	*	6	16501643	0.	.0	3013.8
2	0145	310	0.	.0	3013.8	*	4	0920	977	0.	.0	3013.8	*	6	16551644	0.	.0	3013.8
2	0150	311	0.	.0	3013.8	*	4	0925	978	0.	.0	3013.8	*	6	17001645	0.	.0	3013.8

											ULT						
2	0155	312	0.	.0	3013.8	*	4	0930	979	0.	.0	3013.8	*	6	17051646	0.	.0	3013.8
2	0200	313	0.	.0	3013.8	*	4	0935	980	0.	.0	3013.8	*	6	17101647	0.	.0	3013.8
2	0205	314	0.	.0	3013.8	*	4	0940	981	0.	.0	3013.8	*	6	17151648	0.	.0	3013.8
2	0210	315	0.	.0	3013.8	*	4	0945	982	0.	.0	3013.8	*	6	17201649	0.	.0	3013.8
2	0215	316	0.	.0	3013.8	*	4	0950	983	0.	.0	3013.8	*	6	17251650	0.	.0	3013.8
2	0220	317	0.	.0	3013.8	*	4	0955	984	0.	.0	3013.8	*	6	17301651	0.	.0	3013.8
2	0225	318	0.	.0	3013.8	*	4	1000	985	0.	.0	3013.8	*	6	17351652	0.	.0	3013.8
2	0230	319	0.	.0	3013.8	*	4	1005	986	0.	.0	3013.8	*	6	17401653	0.	.0	3013.8
2	0235	320	0.	.0	3013.8	*	4	1010	987	0.	.0	3013.8	*	6	17451654	0.	.0	3013.8
2	0240	321	0.	.0	3013.8	*	4	1015	988	0.	.0	3013.8	*	6	17501655	0.	.0	3013.8
2	0245	322	0.	.0	3013.8	*	4	1020	989	0.	.0	3013.8	*	6	17551656	0.	.0	3013.8
2	0250	323	0.	.0	3013.8	*	4	1025	990	0.	.0	3013.8	*	6	18001657	0.	.0	3013.8
2	0255	324	0.	.0	3013.8	*	4	1030	991	0.	.0	3013.8	*	6	18051658	0.	.0	3013.8
2	0300	325	0.	.0	3013.8	*	4	1035	992	0.	.0	3013.8	*	6	18101659	0.	.0	3013.8
2	0305	326	0.	.0	3013.8	*	4	1040	993	0.	.0	3013.8	*	6	18151660	0.	.0	3013.8
2	0310	327	0.	.0	3013.8	*	4	1045	994	0.	.0	3013.8	*	6	18201661	0.	.0	3013.8
2	0315	328	0.	.0	3013.8	*	4	1050	995	0.	.0	3013.8	*	6	18251662	0.	.0	3013.8
2	0320	329	0.	.0	3013.8	*	4	1055	996	0.	.0	3013.8	*	6	18301663	0.	.0	3013.8
2	0325	330	0.	.0	3013.8	*	4	1100	997	0.	.0	3013.8	*	6	18351664	0.	.0	3013.8
2	0330	331	0.	.0	3013.8	*	4	1105	998	0.	.0	3013.8	*	6	18401665	0.	.0	3013.8
2	0335	332	0.	.0	3013.8	*	4	1110	999	0.	.0	3013.8	*	6	18451666	0.	.0	3013.8
2	0340	333	0.	.0	3013.8	*	4	11151000		0.	.0	3013.8	*	6	18501667	0.	.0	3013.8
2	0345	334	0.	.0	3013.8	*	4	11201001		0.	.0	3013.8	*	6	18551668	0.	.0	3013.8
2	0350	335	0.	.0	3013.8	*	4	11251002		0.	.0	3013.8	*	6	19001669	0.	.0	3013.8
2	0355	336	0.	.0	3013.8	*	4	11301003		0.	.0	3013.8	*	6	19051670	0.	.0	3013.8
2	0400	337	0.	.0	3013.8	*	4	11351004		0.	.0	3013.8	*	6	19101671	0.	.0	3013.8
2	0405	338	0.	.0	3013.8	*	4	11401005		0.	.0	3013.8	*	6	19151672	0.	.0	3013.8
2	0410	339	0.	.0	3013.8	*	4	11451006		0.	.0	3013.8	*	6	19201673	0.	.0	3013.8
2	0415	340	0.	.0	3013.8	*	4	11501007		0.	.0	3013.8	*	6	19251674	0.	.0	3013.8
2	0420	341	0.	.0	3013.8	*	4	11551008		0.	.0	3013.8	*	6	19301675	0.	.0	3013.8
2	0425	342	0.	.0	3013.8	*	4	12001009		0.	.0	3013.8	*	6	19351676	0.	.0	3013.8
2	0430	343	0.	.0	3013.8	*	4	12051010		0.	.0	3013.8	*	6	19401677	0.	.0	3013.8
2	0435	344	0.	.0	3013.8	*	4	12101011		0.	.0	3013.8	*	6	19451678	0.	.0	3013.8
2	0440	345	0.	.0	3013.8	*	4	12151012		0.	.0	3013.8	*	6	19501679	0.	.0	3013.8
2	0445	346	0.	.0	3013.8	*	4	12201013		0.	.0	3013.8	*	6	19551680	0.	.0	3013.8
2	0450	347	0.	.0	3013.8	*	4	12251014		0.	.0	3013.8	*	6	20001681	0.	.0	3013.8
2	0455	348	0.	.0	3013.8	*	4	12301015		0.	.0	3013.8	*	6	20051682	0.	.0	3013.8
2	0500	349	0.	.0	3013.8	*	4	12351016		0.	.0	3013.8	*	6	20101683	0.	.0	3013.8
2	0505	350	0.	.0	3013.8	*	4	12401017		0.	.0	3013.8	*	6	20151684	0.	.0	3013.8
2	0510	351	0.	.0	3013.8	*	4	12451018		0.	.0	3013.8	*	6	20201685	0.	.0	3013.8
2	0515	352	0.	.0	3013.8	*	4	12501019		0.	.0	3013.8	*	6	20251686	0.	.0	3013.8
2	0520	353	0.	.0	3013.8	*	4	12551020		0.	.0	3013.8	*	6	20301687	0.	.0	3013.8
2	0525	354	0.	.0	3013.8	*	4	13001021		0.	.0	3013.8	*	6	20351688	0.	.0	3013.8
2	0530	355	0.	.0	3013.8	*	4	13051022		0.	.0	3013.8	*	6	20401689	0.	.0	3013.8
2	0535	356	0.	.0	3013.8	*	4	13101023		0.	.0	3013.8	*	6	20451690	0.	.0	3013.8
2	0540	357	0.	.0	3013.8	*	4	13151024		0.	.0	3013.8	*	6	20501691	0.	.0	3013.8
2	0545	358	0.	.0	3013.8	*	4	13201025		0.	.0	3013.8	*	6	20551692	0.	.0	3013.8
2	0550	359	0.	.0	3013.8	*	4	13251026		0.	.0	3013.8	*	6	21001693	0.	.0	3013.8
2	0555	360	0.	.0	3013.8	*	4	13301027		0.	.0	3013.8	*	6	21051694	0.	.0	3013.8
2	0600	361	0.	.0	3013.8	*	4	13351028		0.	.0	3013.8	*	6	21101695	0.	.0	3013.8
2	0605	362	0.	.0	3013.8	*	4	13401029		0.	.0	3013.8	*	6	21151696	0.	.0	3013.8
2	0610	363	0.	.0	3013.8	*	4	13451030		0.	.0	3013.8	*	6	21201697	0.	.0	3013.8
2	0615	364	0.	.0	3013.8	*	4	13501031		0.	.0	3013.8	*	6	21251698	0.	.0	3013.8
2	0620	365	0.	.0	3013.8	*	4	13551032		0.	.0	3013.8	*	6	21301699	0.	.0	3013.8
2	0625	366	0.	.0	3013.8	*	4	14001033		0.	.0	3013.8	*	6	21351700	0.	.0	3013.8
2	0630	367	0.	.0	3013.8	*	4	14051034		0.	.0	3013.8	*	6	21401701	0.	.0	3013.8
2	0635	368	0.	.0	3013.8	*	4	14101035		0.	.0	3013.8	*	6	21451702	0.	.0	3013.8
2	0640	369	0.	.0	3013.8	*	4	14151036		0.	.0	3013.8	*	6	21501703	0.	.0	3013.8
2	0645	370	0.	.0	3013.8	*	4	14201037		0.	.0	3013.8	*	6	21551704	0.	.0	3013.8
2	0650	371	0.	.0	3013.8	*	4	14251038		0.	.0	3013.8	*	6	22001705	0.	.0	3013.8
2	0655	372	0.	.0	3013.8	*	4	14301039		0.	.0	3013.8	*	6	22051706	0.	.0	3013.8
2	0700	373	0.	.0	3013.8	*	4	14351040		0.	.0	3013.8	*	6	22101707	0.	.0	3013.8
2	0705	374	0.	.0	3013.8	*	4	14401041		0.	.0	3013.8	*	6	22151708	0.	.0	3013.8
2	0710	375	0.	.0	3013.8	*	4	14451042		0.	.0	3013.8	*	6	22201709	0.	.0	3013.8
2	0715	376	0.	.0	3013.8	*	4	14501043		0.	.0	3013.8	*	6	22251710	0.	.0	3013.8
2	0720	377	0.	.0	3013.8	*	4	14551044		0.	.0	3013.8	*	6	22301711	0.	.0	3013.8
2	0725	378	0.	.0	3013.8	*	4	15001045		0.	.0	3013.8	*	6	22351712	0.	.0	3013.8
2	0730	379	0.	.0	3013.8	*	4	15051046		0.	.0	3013.8	*	6	22401713	0.	.0	3013.8
2	0735	380	0.	.0	3013.8	*	4	15101047		0.	.0	3013.8	*	6	22451714	0.	.0	3013.8
2	0740	381	0.	.0	3013.8	*	4	15151048		0.	.0	3013.8	*	6	22501715	0.	.0	3013.8
2	0745	382	0.	.0	3013.8	*	4	15201049		0.	.0	3013.8	*	6	22551716	0.	.0	3013.8
2	0750	383	0.	.0	3013.8	*	4	15251050		0.	.0	3013.8	*	6	23001717	0.	.0	3013.8
2	0755	384	0.	.0	3013.8	*	4	15301051		0.	.0	3013.8	*	6	23051718	0.	.0	3013.8
2	0800	385	0.	.0	3013.8	*	4	15351052		0.	.0	3013.8	*	6	23101719	0.	.0	3013.8
2	0805	386	0.	.0	3013.8	*	4	15401053		0.	.0	3013.8	*	6	23151720	0.	.0	3013.8
2	0810	387	0.	.0	3013.8	*	4	15451054		0.	.0	3013.8	*	6	23201721	0.	.0	3013.8
2	0815	388	0.	.0	3013.8	*	4	15501055		0.	.0	3013.8	*	6	23251722	0.	.0	3013.8
2	0820	389	0.	.0	3013.8	*	4	15551056		0.	.0	3013.8	*	6	23301723	0.	.0	3013.8
2	0825	390	0.	.0	3013.8	*	4	16001057		0.	.0	3013.8	*	6	23351724	0.	.0	3013.8
2	0830	391	0.	.0	3013.8	*	4	16051058		0.	.0	3013.8	*	6	23401725	0.	.0	3013.8
2	0835	392	0.	.0	3013.8	*	4	16101059		0.	.0	3013.8	*	6	23451726	0.	.0	3013.8
2	0840	393	0.	.0	3013.8	*	4	16151060		0.	.0	3013.8	*	6	23501727	0.	.0	3013.8
2	0845	394	0.	.0	3013.8	*	4	16201061		0.	.0	3013.8	*	6	23551728	0.	.0	3013.8
2	0850	395	0.	.0	3013.8	*	4	16251062		0.	.0	3013.8	*	7	00001729	0.	.0	3013.8
2	0855	396	0.	.0	3013.8	*	4	16301063		0.	.0	3013.8	*	7	00051730	0.	.0	3013.8
2	0900	397	0.	.0	3013.8	*	4	16351064		0.	.0	3013.8	*	7	00101731	0.	.0	3013.8
2	0905	398	0.	.0	3013.8	*	4	16401065		0.	.0	3013.8	*	7	00151732	0.	.0	3013.8
2	0910	399	0.	.0	3013.8	*	4	16451066		0.	.0	3013.8	*	7	00201733	0.	.0	3013.8
2	0915	400	0.	.0	3013.8	*	4	16501067		0.	.0	3013.8	*	7	00251734	0.	.0	3013.8

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2	0920	401	0.	.0	3013.8	* 4	16551068	0.	.0	3013.8	* 7	00301735	0.	.0	3013.8
2	0925	402	0.	.0	3013.8	* 4	17001069	0.	.0	3013.8	* 7	00351736	0.	.0	3013.8
2	0930	403	0.	.0	3013.8	* 4	17051070	0.	.0	3013.8	* 7	00401737	0.	.0	3013.8
2	0935	404	0.	.0	3013.8	* 4	17101071	0.	.0	3013.8	* 7	00451738	0.	.0	3013.8
2	0940	405	0.	.0	3013.8	* 4	17151072	0.	.0	3013.8	* 7	00501739	0.	.0	3013.8
2	0945	406	0.	.0	3013.8	* 4	17201073	0.	.0	3013.8	* 7	00551740	0.	.0	3013.8
2	0950	407	0.	.0	3013.8	* 4	17251074	0.	.0	3013.8	* 7	01001741	0.	.0	3013.8
2	0955	408	0.	.0	3013.8	* 4	17301075	0.	.0	3013.8	* 7	01051742	0.	.0	3013.8
2	1000	409	0.	.0	3013.8	* 4	17351076	0.	.0	3013.8	* 7	01101743	0.	.0	3013.8
2	1005	410	0.	.0	3013.8	* 4	17401077	0.	.0	3013.8	* 7	01151744	0.	.0	3013.8
2	1010	411	0.	.0	3013.8	* 4	17451078	0.	.0	3013.8	* 7	01201745	0.	.0	3013.8
2	1015	412	0.	.0	3013.8	* 4	17501079	0.	.0	3013.8	* 7	01251746	0.	.0	3013.8
2	1020	413	0.	.0	3013.8	* 4	17551080	0.	.0	3013.8	* 7	01301747	0.	.0	3013.8
2	1025	414	0.	.0	3013.8	* 4	18001081	0.	.0	3013.8	* 7	01351748	0.	.0	3013.8
2	1030	415	0.	.0	3013.8	* 4	18051082	0.	.0	3013.8	* 7	01401749	0.	.0	3013.8
2	1035	416	0.	.0	3013.8	* 4	18101083	0.	.0	3013.8	* 7	01451750	0.	.0	3013.8
2	1040	417	0.	.0	3013.8	* 4	18151084	0.	.0	3013.8	* 7	01501751	0.	.0	3013.8
2	1045	418	0.	.0	3013.8	* 4	18201085	0.	.0	3013.8	* 7	01551752	0.	.0	3013.8
2	1050	419	0.	.0	3013.8	* 4	18251086	0.	.0	3013.8	* 7	02001753	0.	.0	3013.8
2	1055	420	0.	.0	3013.8	* 4	18301087	0.	.0	3013.8	* 7	02051754	0.	.0	3013.8
2	1100	421	0.	.0	3013.8	* 4	18351088	0.	.0	3013.8	* 7	02101755	0.	.0	3013.8
2	1105	422	0.	.0	3013.8	* 4	18401089	0.	.0	3013.8	* 7	02151756	0.	.0	3013.8
2	1110	423	0.	.0	3013.8	* 4	18451090	0.	.0	3013.8	* 7	02201757	0.	.0	3013.8
2	1115	424	0.	.0	3013.8	* 4	18501091	0.	.0	3013.8	* 7	02251758	0.	.0	3013.8
2	1120	425	0.	.0	3013.8	* 4	18551092	0.	.0	3013.8	* 7	02301759	0.	.0	3013.8
2	1125	426	0.	.0	3013.8	* 4	19001093	0.	.0	3013.8	* 7	02351760	0.	.0	3013.8
2	1130	427	0.	.0	3013.8	* 4	19051094	0.	.0	3013.8	* 7	02401761	0.	.0	3013.8
2	1135	428	0.	.0	3013.8	* 4	19101095	0.	.0	3013.8	* 7	02451762	0.	.0	3013.8
2	1140	429	0.	.0	3013.8	* 4	19151096	0.	.0	3013.8	* 7	02501763	0.	.0	3013.8
2	1145	430	0.	.0	3013.8	* 4	19201097	0.	.0	3013.8	* 7	02551764	0.	.0	3013.8
2	1150	431	0.	.0	3013.8	* 4	19251098	0.	.0	3013.8	* 7	03001765	0.	.0	3013.8
2	1155	432	0.	.0	3013.8	* 4	19301099	0.	.0	3013.8	* 7	03051766	0.	.0	3013.8
2	1200	433	0.	.0	3013.8	* 4	19351100	0.	.0	3013.8	* 7	03101767	0.	.0	3013.8
2	1205	434	0.	.0	3013.8	* 4	19401101	0.	.0	3013.8	* 7	03151768	0.	.0	3013.8
2	1210	435	0.	.0	3013.8	* 4	19451102	0.	.0	3013.8	* 7	03201769	0.	.0	3013.8
2	1215	436	0.	.0	3013.8	* 4	19501103	0.	.0	3013.8	* 7	03251770	0.	.0	3013.8
2	1220	437	0.	.0	3013.8	* 4	19551104	0.	.0	3013.8	* 7	03301771	0.	.0	3013.8
2	1225	438	0.	.0	3013.8	* 4	20001105	0.	.0	3013.8	* 7	03351772	0.	.0	3013.8
2	1230	439	0.	.0	3013.8	* 4	20051106	0.	.0	3013.8	* 7	03401773	0.	.0	3013.8
2	1235	440	0.	.0	3013.8	* 4	20101107	0.	.0	3013.8	* 7	03451774	0.	.0	3013.8
2	1240	441	0.	.0	3013.8	* 4	20151108	0.	.0	3013.8	* 7	03501775	0.	.0	3013.8
2	1245	442	0.	.0	3013.8	* 4	20201109	0.	.0	3013.8	* 7	03551776	0.	.0	3013.8
2	1250	443	0.	.0	3013.8	* 4	20251110	0.	.0	3013.8	* 7	04001777	0.	.0	3013.8
2	1255	444	0.	.0	3013.8	* 4	20301111	0.	.0	3013.8	* 7	04051778	0.	.0	3013.8
2	1300	445	0.	.0	3013.8	* 4	20351112	0.	.0	3013.8	* 7	04101779	0.	.0	3013.8
2	1305	446	0.	.0	3013.8	* 4	20401113	0.	.0	3013.8	* 7	04151780	0.	.0	3013.8
2	1310	447	0.	.0	3013.8	* 4	20451114	0.	.0	3013.8	* 7	04201781	0.	.0	3013.8
2	1315	448	0.	.0	3013.8	* 4	20501115	0.	.0	3013.8	* 7	04251782	0.	.0	3013.8
2	1320	449	0.	.0	3013.8	* 4	20551116	0.	.0	3013.8	* 7	04301783	0.	.0	3013.8
2	1325	450	0.	.0	3013.8	* 4	21001117	0.	.0	3013.8	* 7	04351784	0.	.0	3013.8
2	1330	451	0.	.0	3013.8	* 4	21051118	0.	.0	3013.8	* 7	04401785	0.	.0	3013.8
2	1335	452	0.	.0	3013.8	* 4	21101119	0.	.0	3013.8	* 7	04451786	0.	.0	3013.8
2	1340	453	0.	.0	3013.8	* 4	21151120	0.	.0	3013.8	* 7	04501787	0.	.0	3013.8
2	1345	454	0.	.0	3013.8	* 4	21201121	0.	.0	3013.8	* 7	04551788	0.	.0	3013.8
2	1350	455	0.	.0	3013.8	* 4	21251122	0.	.0	3013.8	* 7	05001789	0.	.0	3013.8
2	1355	456	0.	.0	3013.8	* 4	21301123	0.	.0	3013.8	* 7	05051790	0.	.0	3013.8
2	1400	457	0.	.0	3013.8	* 4	21351124	0.	.0	3013.8	* 7	05101791	0.	.0	3013.8
2	1405	458	0.	.0	3013.8	* 4	21401125	0.	.0	3013.8	* 7	05151792	0.	.0	3013.8
2	1410	459	0.	.0	3013.8	* 4	21451126	0.	.0	3013.8	* 7	05201793	0.	.0	3013.8
2	1415	460	0.	.0	3013.8	* 4	21501127	0.	.0	3013.8	* 7	05251794	0.	.0	3013.8
2	1420	461	0.	.0	3013.8	* 4	21551128	0.	.0	3013.8	* 7	05301795	0.	.0	3013.8
2	1425	462	0.	.0	3013.8	* 4	22001129	0.	.0	3013.8	* 7	05351796	0.	.0	3013.8
2	1430	463	0.	.0	3013.8	* 4	22051130	0.	.0	3013.8	* 7	05401797	0.	.0	3013.8
2	1435	464	0.	.0	3013.8	* 4	22101131	0.	.0	3013.8	* 7	05451798	0.	.0	3013.8
2	1440	465	0.	.0	3013.8	* 4	22151132	0.	.0	3013.8	* 7	05501799	0.	.0	3013.8
2	1445	466	0.	.0	3013.8	* 4	22201133	0.	.0	3013.8	* 7	05551800	0.	.0	3013.8
2	1450	467	0.	.0	3013.8	* 4	22251134	0.	.0	3013.8	* 7	06001801	0.	.0	3013.8
2	1455	468	0.	.0	3013.8	* 4	22301135	0.	.0	3013.8	* 7	06051802	0.	.0	3013.8
2	1500	469	0.	.0	3013.8	* 4	22351136	0.	.0	3013.8	* 7	06101803	0.	.0	3013.8
2	1505	470	0.	.0	3013.8	* 4	22401137	0.	.0	3013.8	* 7	06151804	0.	.0	3013.8
2	1510	471	0.	.0	3013.8	* 4	22451138	0.	.0	3013.8	* 7	06201805	0.	.0	3013.8
2	1515	472	0.	.0	3013.8	* 4	22501139	0.	.0	3013.8	* 7	06251806	0.	.0	3013.8
2	1520	473	0.	.0	3013.8	* 4	22551140	0.	.0	3013.8	* 7	06301807	0.	.0	3013.8
2	1525	474	0.	.0	3013.8	* 4	23001141	0.	.0	3013.8	* 7	06351808	0.	.0	3013.8
2	1530	475	0.	.0	3013.8	* 4	23051142	0.	.0	3013.8	* 7	06401809	0.	.0	3013.8
2	1535	476	0.	.0	3013.8	* 4	23101143	0.	.0	3013.8	* 7	06451810	0.	.0	3013.8
2	1540	477	0.	.0	3013.8	* 4	23151144	0.	.0	3013.8	* 7	06501811	0.	.0	3013.8
2	1545	478	0.	.0	3013.8	* 4	23201145	0.	.0	3013.8	* 7	06551812	0.	.0	3013.8
2	1550	479	0.	.0	3013.8	* 4	23251146	0.	.0	3013.8	* 7	07001813	0.	.0	3013.8
2	1555	480	0.	.0	3013.8	* 4	23301147	0.	.0	3013.8	* 7	07051814	0.	.0	3013.8
2	1600	481	0.	.0	3013.8	* 4	23351148	0.	.0	3013.8	* 7	07101815	0.	.0	3013.8
2	1605	482	0.	.0	3013.8	* 4	23401149	0.	.0	3013.8	* 7	07151816	0.	.0	3013.8
2	1610	483	0.	.0	3013.8	* 4	23451150	0.	.0	3013.8	* 7	07201817	0.	.0	3013.8
2	1615	484	0.	.0	3013.8	* 4	23501151	0.	.0	3013.8	* 7	07251818	0.	.0	3013.8
2	1620	485	0.	.0	3013.8	* 4	23551152	0.	.0	3013.8	* 7	07301819	0.	.0	3013.8
2	1625	486	0.	.0	3013.8	* 5	00001153	0.	.0	3013.8	* 7	07351820	0.	.0	3013.8
2	1630	487	0.	.0	3013.8	* 5	00051154	0.	.0	3013.8	* 7	07401821	0.	.0	3013.8
2	1635	488	0.	.0	3013.8	* 5	00101155	0.	.0	3013.8	* 7	07451822	0.	.0	3013.8
2	1640	489	0.	.0	3013.8	* 5	00151156	0.	.0	3013.8	* 7	07501823	0.	.0	3013.8

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2	1645	490	0.	.0	3013.8	5	00201157	0.	.0	3013.8	7	07551824	0.	.0	3013.8
2	1650	491	0.	.0	3013.8	5	00251158	0.	.0	3013.8	7	08001825	0.	.0	3013.8
2	1655	492	0.	.0	3013.8	5	00301159	0.	.0	3013.8	7	08051826	0.	.0	3013.8
2	1700	493	0.	.0	3013.8	5	00351160	0.	.0	3013.8	7	08101827	0.	.0	3013.8
2	1705	494	0.	.0	3013.8	5	00401161	0.	.0	3013.8	7	08151828	0.	.0	3013.8
2	1710	495	0.	.0	3013.8	5	00451162	0.	.0	3013.8	7	08201829	0.	.0	3013.8
2	1715	496	0.	.0	3013.8	5	00501163	0.	.0	3013.8	7	08251830	0.	.0	3013.8
2	1720	497	0.	.0	3013.8	5	00551164	0.	.0	3013.8	7	08301831	0.	.0	3013.8
2	1725	498	0.	.0	3013.8	5	01001165	0.	.0	3013.8	7	08351832	0.	.0	3013.8
2	1730	499	0.	.0	3013.8	5	01051166	0.	.0	3013.8	7	08401833	0.	.0	3013.8
2	1735	500	0.	.0	3013.8	5	01101167	0.	.0	3013.8	7	08451834	0.	.0	3013.8
2	1740	501	0.	.0	3013.8	5	01151168	0.	.0	3013.8	7	08501835	0.	.0	3013.8
2	1745	502	0.	.0	3013.8	5	01201169	0.	.0	3013.8	7	08551836	0.	.0	3013.8
2	1750	503	0.	.0	3013.8	5	01251170	0.	.0	3013.8	7	09001837	0.	.0	3013.8
2	1755	504	0.	.0	3013.8	5	01301171	0.	.0	3013.8	7	09051838	0.	.0	3013.8
2	1800	505	0.	.0	3013.8	5	01351172	0.	.0	3013.8	7	09101839	0.	.0	3013.8
2	1805	506	0.	.0	3013.8	5	01401173	0.	.0	3013.8	7	09151840	0.	.0	3013.8
2	1810	507	0.	.0	3013.8	5	01451174	0.	.0	3013.8	7	09201841	0.	.0	3013.8
2	1815	508	0.	.0	3013.8	5	01501175	0.	.0	3013.8	7	09251842	0.	.0	3013.8
2	1820	509	0.	.0	3013.8	5	01551176	0.	.0	3013.8	7	09301843	0.	.0	3013.8
2	1825	510	0.	.0	3013.8	5	02001177	0.	.0	3013.8	7	09351844	0.	.0	3013.8
2	1830	511	0.	.0	3013.8	5	02051178	0.	.0	3013.8	7	09401845	0.	.0	3013.8
2	1835	512	0.	.0	3013.8	5	02101179	0.	.0	3013.8	7	09451846	0.	.0	3013.8
2	1840	513	0.	.0	3013.8	5	02151180	0.	.0	3013.8	7	09501847	0.	.0	3013.8
2	1845	514	0.	.0	3013.8	5	02201181	0.	.0	3013.8	7	09551848	0.	.0	3013.8
2	1850	515	0.	.0	3013.8	5	02251182	0.	.0	3013.8	7	10001849	0.	.0	3013.8
2	1855	516	0.	.0	3013.8	5	02301183	0.	.0	3013.8	7	10051850	0.	.0	3013.8
2	1900	517	0.	.0	3013.8	5	02351184	0.	.0	3013.8	7	10101851	0.	.0	3013.8
2	1905	518	0.	.0	3013.8	5	02401185	0.	.0	3013.8	7	10151852	0.	.0	3013.8
2	1910	519	0.	.0	3013.8	5	02451186	0.	.0	3013.8	7	10201853	0.	.0	3013.8
2	1915	520	0.	.0	3013.8	5	02501187	0.	.0	3013.8	7	10251854	0.	.0	3013.8
2	1920	521	0.	.0	3013.8	5	02551188	0.	.0	3013.8	7	10301855	0.	.0	3013.8
2	1925	522	0.	.0	3013.8	5	03001189	0.	.0	3013.8	7	10351856	0.	.0	3013.8
2	1930	523	0.	.0	3013.8	5	03051190	0.	.0	3013.8	7	10401857	0.	.0	3013.8
2	1935	524	0.	.0	3013.8	5	03101191	0.	.0	3013.8	7	10451858	0.	.0	3013.8
2	1940	525	0.	.0	3013.8	5	03151192	0.	.0	3013.8	7	10501859	0.	.0	3013.8
2	1945	526	0.	.0	3013.8	5	03201193	0.	.0	3013.8	7	10551860	0.	.0	3013.8
2	1950	527	0.	.0	3013.8	5	03251194	0.	.0	3013.8	7	11001861	0.	.0	3013.8
2	1955	528	0.	.0	3013.8	5	03301195	0.	.0	3013.8	7	11051862	0.	.0	3013.8
2	2000	529	0.	.0	3013.8	5	03351196	0.	.0	3013.8	7	11101863	0.	.0	3013.8
2	2005	530	0.	.0	3013.8	5	03401197	0.	.0	3013.8	7	11151864	0.	.0	3013.8
2	2010	531	0.	.0	3013.8	5	03451198	0.	.0	3013.8	7	11201865	0.	.0	3013.8
2	2015	532	0.	.0	3013.8	5	03501199	0.	.0	3013.8	7	11251866	0.	.0	3013.8
2	2020	533	0.	.0	3013.8	5	03551200	0.	.0	3013.8	7	11301867	0.	.0	3013.8
2	2025	534	0.	.0	3013.8	5	04001201	0.	.0	3013.8	7	11351868	0.	.0	3013.8
2	2030	535	0.	.0	3013.8	5	04051202	0.	.0	3013.8	7	11401869	0.	.0	3013.8
2	2035	536	0.	.0	3013.8	5	04101203	0.	.0	3013.8	7	11451870	0.	.0	3013.8
2	2040	537	0.	.0	3013.8	5	04151204	0.	.0	3013.8	7	11501871	0.	.0	3013.8
2	2045	538	0.	.0	3013.8	5	04201205	0.	.0	3013.8	7	11551872	0.	.0	3013.8
2	2050	539	0.	.0	3013.8	5	04251206	0.	.0	3013.8	7	12001873	0.	.0	3013.8
2	2055	540	0.	.0	3013.8	5	04301207	0.	.0	3013.8	7	12051874	0.	.0	3013.8
2	2100	541	0.	.0	3013.8	5	04351208	0.	.0	3013.8	7	12101875	0.	.0	3013.8
2	2105	542	0.	.0	3013.8	5	04401209	0.	.0	3013.8	7	12151876	0.	.0	3013.8
2	2110	543	0.	.0	3013.8	5	04451210	0.	.0	3013.8	7	12201877	0.	.0	3013.8
2	2115	544	0.	.0	3013.8	5	04501211	0.	.0	3013.8	7	12251878	0.	.0	3013.8
2	2120	545	0.	.0	3013.8	5	04551212	0.	.0	3013.8	7	12301879	0.	.0	3013.8
2	2125	546	0.	.0	3013.8	5	05001213	0.	.0	3013.8	7	12351880	0.	.0	3013.8
2	2130	547	0.	.0	3013.8	5	05051214	0.	.0	3013.8	7	12401881	0.	.0	3013.8
2	2135	548	0.	.0	3013.8	5	05101215	0.	.0	3013.8	7	12451882	0.	.0	3013.8
2	2140	549	0.	.0	3013.8	5	05151216	0.	.0	3013.8	7	12501883	0.	.0	3013.8
2	2145	550	0.	.0	3013.8	5	05201217	0.	.0	3013.8	7	12551884	0.	.0	3013.8
2	2150	551	0.	.0	3013.8	5	05251218	0.	.0	3013.8	7	13001885	0.	.0	3013.8
2	2155	552	0.	.0	3013.8	5	05301219	0.	.0	3013.8	7	13051886	0.	.0	3013.8
2	2200	553	0.	.0	3013.8	5	05351220	0.	.0	3013.8	7	13101887	0.	.0	3013.8
2	2205	554	0.	.0	3013.8	5	05401221	0.	.0	3013.8	7	13151888	0.	.0	3013.8
2	2210	555	0.	.0	3013.8	5	05451222	0.	.0	3013.8	7	13201889	0.	.0	3013.8
2	2215	556	0.	.0	3013.8	5	05501223	0.	.0	3013.8	7	13251890	0.	.0	3013.8
2	2220	557	0.	.0	3013.8	5	05551224	0.	.0	3013.8	7	13301891	0.	.0	3013.8
2	2225	558	0.	.0	3013.8	5	06001225	0.	.0	3013.8	7	13351892	0.	.0	3013.8
2	2230	559	0.	.0	3013.8	5	06051226	0.	.0	3013.8	7	13401893	0.	.0	3013.8
2	2235	560	0.	.0	3013.8	5	06101227	0.	.0	3013.8	7	13451894	0.	.0	3013.8
2	2240	561	0.	.0	3013.8	5	06151228	0.	.0	3013.8	7	13501895	0.	.0	3013.8
2	2245	562	0.	.0	3013.8	5	06201229	0.	.0	3013.8	7	13551896	0.	.0	3013.8
2	2250	563	0.	.0	3013.8	5	06251230	0.	.0	3013.8	7	14001897	0.	.0	3013.8
2	2255	564	0.	.0	3013.8	5	06301231	0.	.0	3013.8	7	14051898	0.	.0	3013.8
2	2300	565	0.	.0	3013.8	5	06351232	0.	.0	3013.8	7	14101899	0.	.0	3013.8
2	2305	566	0.	.0	3013.8	5	06401233	0.	.0	3013.8	7	14151900	0.	.0	3013.8
2	2310	567	0.	.0	3013.8	5	06451234	0.	.0	3013.8	7	14201901	0.	.0	3013.8
2	2315	568	0.	.0	3013.8	5	06501235	0.	.0	3013.8	7	14251902	0.	.0	3013.8
2	2320	569	0.	.0	3013.8	5	06551236	0.	.0	3013.8	7	14301903	0.	.0	3013.8
2	2325	570	0.	.0	3013.8	5	07001237	0.	.0	3013.8	7	14351904	0.	.0	3013.8
2	2330	571	0.	.0	3013.8	5	07051238	0.	.0	3013.8	7	14401905	0.	.0	3013.8
2	2335	572	0.	.0	3013.8	5	07101239	0.	.0	3013.8	7	14451906	0.	.0	3013.8
2	2340	573	0.	.0	3013.8	5	07151240	0.	.0	3013.8	7	14501907	0.	.0	3013.8
2	2345	574	0.	.0	3013.8	5	07201241	0.	.0	3013.8	7	14551908	0.	.0	3013.8
2	2350	575	0.	.0	3013.8	5	07251242	0.	.0	3013.8	7	15001909	0.	.0	3013.8
2	2355	576	0.	.0	3013.8	5	07301243	0.	.0	3013.8	7	15051910	0.	.0	3013.8
3	0000	577	0.	.0	3013.8	5	07351244	0.	.0	3013.8	7	15101911	0.	.0	3013.8
3	0005	578	0.	.0	3013.8	5	07401245	0.	.0	3013.8	7	15151912	0.	.0	3013.8

										ULT						
3	0010	579	0.	.0	3013.8	*	5	07451246	0.	.0	3013.8	*	7	15201913	0.	.0	3013.8
3	0015	580	0.	.0	3013.8	*	5	07501247	0.	.0	3013.8	*	7	15251914	0.	.0	3013.8
3	0020	581	0.	.0	3013.8	*	5	07551248	0.	.0	3013.8	*	7	15301915	0.	.0	3013.8
3	0025	582	0.	.0	3013.8	*	5	08001249	0.	.0	3013.8	*	7	15351916	0.	.0	3013.8
3	0030	583	0.	.0	3013.8	*	5	08051250	0.	.0	3013.8	*	7	15401917	0.	.0	3013.8
3	0035	584	0.	.0	3013.8	*	5	08101251	0.	.0	3013.8	*	7	15451918	0.	.0	3013.8
3	0040	585	0.	.0	3013.8	*	5	08151252	0.	.0	3013.8	*	7	15501919	0.	.0	3013.8
3	0045	586	0.	.0	3013.8	*	5	08201253	0.	.0	3013.8	*	7	15551920	0.	.0	3013.8
3	0050	587	0.	.0	3013.8	*	5	08251254	0.	.0	3013.8	*	7	16001921	0.	.0	3013.8
3	0055	588	0.	.0	3013.8	*	5	08301255	0.	.0	3013.8	*	7	16051922	0.	.0	3013.8
3	0100	589	0.	.0	3013.8	*	5	08351256	0.	.0	3013.8	*	7	16101923	0.	.0	3013.8
3	0105	590	0.	.0	3013.8	*	5	08401257	0.	.0	3013.8	*	7	16151924	0.	.0	3013.8
3	0110	591	0.	.0	3013.8	*	5	08451258	0.	.0	3013.8	*	7	16201925	0.	.0	3013.8
3	0115	592	0.	.0	3013.8	*	5	08501259	0.	.0	3013.8	*	7	16251926	0.	.0	3013.8
3	0120	593	0.	.0	3013.8	*	5	08551260	0.	.0	3013.8	*	7	16301927	0.	.0	3013.8
3	0125	594	0.	.0	3013.8	*	5	09001261	0.	.0	3013.8	*	7	16351928	0.	.0	3013.8
3	0130	595	0.	.0	3013.8	*	5	09051262	0.	.0	3013.8	*	7	16401929	0.	.0	3013.8
3	0135	596	0.	.0	3013.8	*	5	09101263	0.	.0	3013.8	*	7	16451930	0.	.0	3013.8
3	0140	597	0.	.0	3013.8	*	5	09151264	0.	.0	3013.8	*	7	16501931	0.	.0	3013.8
3	0145	598	0.	.0	3013.8	*	5	09201265	0.	.0	3013.8	*	7	16551932	0.	.0	3013.8
3	0150	599	0.	.0	3013.8	*	5	09251266	0.	.0	3013.8	*	7	17001933	0.	.0	3013.8
3	0155	600	0.	.0	3013.8	*	5	09301267	0.	.0	3013.8	*	7	17051934	0.	.0	3013.8
3	0200	601	0.	.0	3013.8	*	5	09351268	0.	.0	3013.8	*	7	17101935	0.	.0	3013.8
3	0205	602	0.	.0	3013.8	*	5	09401269	0.	.0	3013.8	*	7	17151936	0.	.0	3013.8
3	0210	603	0.	.0	3013.8	*	5	09451270	0.	.0	3013.8	*	7	17201937	0.	.0	3013.8
3	0215	604	0.	.0	3013.8	*	5	09501271	0.	.0	3013.8	*	7	17251938	0.	.0	3013.8
3	0220	605	0.	.0	3013.8	*	5	09551272	0.	.0	3013.8	*	7	17301939	0.	.0	3013.8
3	0225	606	0.	.0	3013.8	*	5	10001273	0.	.0	3013.8	*	7	17351940	0.	.0	3013.8
3	0230	607	0.	.0	3013.8	*	5	10051274	0.	.0	3013.8	*	7	17401941	0.	.0	3013.8
3	0235	608	0.	.0	3013.8	*	5	10101275	0.	.0	3013.8	*	7	17451942	0.	.0	3013.8
3	0240	609	0.	.0	3013.8	*	5	10151276	0.	.0	3013.8	*	7	17501943	0.	.0	3013.8
3	0245	610	0.	.0	3013.8	*	5	10201277	0.	.0	3013.8	*	7	17551944	0.	.0	3013.8
3	0250	611	0.	.0	3013.8	*	5	10251278	0.	.0	3013.8	*	7	18001945	0.	.0	3013.8
3	0255	612	0.	.0	3013.8	*	5	10301279	0.	.0	3013.8	*	7	18051946	0.	.0	3013.8
3	0300	613	0.	.0	3013.8	*	5	10351280	0.	.0	3013.8	*	7	18101947	0.	.0	3013.8
3	0305	614	0.	.0	3013.8	*	5	10401281	0.	.0	3013.8	*	7	18151948	0.	.0	3013.8
3	0310	615	0.	.0	3013.8	*	5	10451282	0.	.0	3013.8	*	7	18201949	0.	.0	3013.8
3	0315	616	0.	.0	3013.8	*	5	10501283	0.	.0	3013.8	*	7	18251950	0.	.0	3013.8
3	0320	617	0.	.0	3013.8	*	5	10551284	0.	.0	3013.8	*	7	18301951	0.	.0	3013.8
3	0325	618	0.	.0	3013.8	*	5	11001285	0.	.0	3013.8	*	7	18351952	0.	.0	3013.8
3	0330	619	0.	.0	3013.8	*	5	11051286	0.	.0	3013.8	*	7	18401953	0.	.0	3013.8
3	0335	620	0.	.0	3013.8	*	5	11101287	0.	.0	3013.8	*	7	18451954	0.	.0	3013.8
3	0340	621	0.	.0	3013.8	*	5	11151288	0.	.0	3013.8	*	7	18501955	0.	.0	3013.8
3	0345	622	0.	.0	3013.8	*	5	11201289	0.	.0	3013.8	*	7	18551956	0.	.0	3013.8
3	0350	623	0.	.0	3013.8	*	5	11251290	0.	.0	3013.8	*	7	19001957	0.	.0	3013.8
3	0355	624	0.	.0	3013.8	*	5	11301291	0.	.0	3013.8	*	7	19051958	0.	.0	3013.8
3	0400	625	0.	.0	3013.8	*	5	11351292	0.	.0	3013.8	*	7	19101959	0.	.0	3013.8
3	0405	626	0.	.0	3013.8	*	5	11401293	0.	.0	3013.8	*	7	19151960	0.	.0	3013.8
3	0410	627	0.	.0	3013.8	*	5	11451294	0.	.0	3013.8	*	7	19201961	0.	.0	3013.8
3	0415	628	0.	.0	3013.8	*	5	11501295	0.	.0	3013.8	*	7	19251962	0.	.0	3013.8
3	0420	629	0.	.0	3013.8	*	5	11551296	0.	.0	3013.8	*	7	19301963	0.	.0	3013.8
3	0425	630	0.	.0	3013.8	*	5	12001297	0.	.0	3013.8	*	7	19351964	0.	.0	3013.8
3	0430	631	0.	.0	3013.8	*	5	12051298	0.	.0	3013.8	*	7	19401965	0.	.0	3013.8
3	0435	632	0.	.0	3013.8	*	5	12101299	0.	.0	3013.8	*	7	19451966	0.	.0	3013.8
3	0440	633	0.	.0	3013.8	*	5	12151300	0.	.0	3013.8	*	7	19501967	0.	.0	3013.8
3	0445	634	0.	.0	3013.8	*	5	12201301	0.	.0	3013.8	*	7	19551968	0.	.0	3013.8
3	0450	635	0.	.0	3013.8	*	5	12251302	0.	.0	3013.8	*	7	20001969	0.	.0	3013.8
3	0455	636	0.	.0	3013.8	*	5	12301303	0.	.0	3013.8	*	7	20051970	0.	.0	3013.8
3	0500	637	0.	.0	3013.8	*	5	12351304	0.	.0	3013.8	*	7	20101971	0.	.0	3013.8
3	0505	638	0.	.0	3013.8	*	5	12401305	0.	.0	3013.8	*	7	20151972	0.	.0	3013.8
3	0510	639	0.	.0	3013.8	*	5	12451306	0.	.0	3013.8	*	7	20201973	0.	.0	3013.8
3	0515	640	0.	.0	3013.8	*	5	12501307	0.	.0	3013.8	*	7	20251974	0.	.0	3013.8
3	0520	641	0.	.0	3013.8	*	5	12551308	0.	.0	3013.8	*	7	20301975	0.	.0	3013.8
3	0525	642	0.	.0	3013.8	*	5	13001309	0.	.0	3013.8	*	7	20351976	0.	.0	3013.8
3	0530	643	0.	.0	3013.8	*	5	13051310	0.	.0	3013.8	*	7	20401977	0.	.0	3013.8
3	0535	644	0.	.0	3013.8	*	5	13101311	0.	.0	3013.8	*	7	20451978	0.	.0	3013.8
3	0540	645	0.	.0	3013.8	*	5	13151312	0.	.0	3013.8	*	7	20501979	0.	.0	3013.8
3	0545	646	0.	.0	3013.8	*	5	13201313	0.	.0	3013.8	*	7	20551980	0.	.0	3013.8
3	0550	647	0.	.0	3013.8	*	5	13251314	0.	.0	3013.8	*	7	21001981	0.	.0	3013.8
3	0555	648	0.	.0	3013.8	*	5	13301315	0.	.0	3013.8	*	7	21051982	0.	.0	3013.8
3	0600	649	0.	.0	3013.8	*	5	13351316	0.	.0	3013.8	*	7	21101983	0.	.0	3013.8
3	0605	650	0.	.0	3013.8	*	5	13401317	0.	.0	3013.8	*	7	21151984	0.	.0	3013.8
3	0610	651	0.	.0	3013.8	*	5	13451318	0.	.0	3013.8	*	7	21201985	0.	.0	3013.8
3	0615	652	0.	.0	3013.8	*	5	13501319	0.	.0	3013.8	*	7	21251986	0.	.0	3013.8
3	0620	653	0.	.0	3013.8	*	5	13551320	0.	.0	3013.8	*	7	21301987	0.	.0	3013.8
3	0625	654	0.	.0	3013.8	*	5	14001321	0.	.0	3013.8	*	7	21351988	0.	.0	3013.8
3	0630	655	0.	.0	3013.8	*	5	14051322	0.	.0	3013.8	*	7	21401989	0.	.0	3013.8
3	0635	656	0.	.0	3013.8	*	5	14101323	0.	.0	3013.8	*	7	21451990	0.	.0	3013.8
3	0640	657	0.	.0	3013.8	*	5	14151324	0.	.0	3013.8	*	7	21501991	0.	.0	3013.8
3	0645	658	0.	.0	3013.8	*	5	14201325	0.	.0	3013.8	*	7	21551992	0.	.0	3013.8
3	0650	659	0.	.0	3013.8	*	5	14251326	0.	.0	3013.8	*	7	22001993	0.	.0	3013.8
3	0655	660	0.	.0	3013.8	*	5	14301327	0.	.0	3013.8	*	7	22051994	0.	.0	3013.8
3	0700	661	0.	.0	3013.8	*	5	14351328	0.	.0	3013.8	*	7	22101995	0.	.0	3013.8
3	0705	662	0.	.0	3013.8	*	5	14401329	0.	.0	3013.8	*	7	22151996	0.	.0	3013.8
3	0710	663	0.	.0	3013.8	*	5	14451330	0.	.0	3013.8	*	7	22201997	0.	.0	3013.8
3	0715	664	0.	.0	3013.8	*	5	14501331	0.	.0	3013.8	*	7	22251998	0.	.0	3013.8
3	0720	665	0.	.0	3013.8	*	5	14551332	0.	.0	3013.8	*	7	22301999	0.	.0	3013.8
3	0725	666	0.	.0	3013.8	*	5	15001333	0.	.0	3013.8	*	7	22352000	0.	.0	3013.8
3	0730	667	0.	.0	3013.8	*	5	15051334	0.	.0	3013.8	*					

ULT

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	166.58-HR
(CFS)	(HR)				
		(CFS)			
69.	5.50	66.	37.	12.	5.
		(INCHES) .700	1.563	1.563	1.563
		(AC-FT) 33.	73.	73.	73.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
(AC-FT)	(HR)				
53.	5.50	44.	15.	5.	2.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
(FEET)	(HR)				
3034.24	5.50	3032.82	3023.71	3017.07	3015.26

CUMULATIVE AREA = .88 SQ MI

HYDROGRAPH AT STATION RDB1
PLAN 1, RATIO = .91

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	50.	.0	3025.5	3		0735	668	0.	.1	3019.8	5		15101335		0.	.1	3019.8
1		0005	2	0.	.0	3013.8	3		0740	669	0.	.1	3019.8	5		15151336		0.	.1	3019.8
1		0010	3	1.	.0	3013.9	3		0745	670	0.	.1	3019.8	5		15201337		0.	.1	3019.8
1		0015	4	2.	.0	3014.3	3		0750	671	0.	.1	3019.8	5		15251338		0.	.1	3019.8
1		0020	5	4.	.0	3014.7	3		0755	672	0.	.1	3019.8	5		15301339		0.	.1	3019.8
1		0025	6	7.	.0	3015.4	3		0800	673	0.	.1	3019.8	5		15351340		0.	.1	3019.8
1		0030	7	9.	.0	3015.9	3		0805	674	0.	.1	3019.8	5		15401341		0.	.1	3019.8
1		0035	8	8.	.0	3015.7	3		0810	675	0.	.1	3019.8	5		15451342		0.	.1	3019.8
1		0040	9	5.	.0	3015.0	3		0815	676	0.	.1	3019.8	5		15501343		0.	.1	3019.8
1		0045	10	3.	.0	3014.4	3		0820	677	0.	.1	3019.8	5		15551344		0.	.1	3019.8
1		0050	11	2.	.0	3014.2	3		0825	678	0.	.1	3019.8	5		16001345		0.	.1	3019.8
1		0055	12	1.	.0	3014.1	3		0830	679	0.	.1	3019.8	5		16051346		0.	.1	3019.8
1		0100	13	1.	.0	3014.0	3		0835	680	0.	.1	3019.8	5		16101347		0.	.1	3019.8
1		0105	14	1.	.0	3014.1	3		0840	681	0.	.1	3019.8	5		16151348		0.	.1	3019.8
1		0110	15	3.	.0	3014.6	3		0845	682	0.	.1	3019.8	5		16201349		0.	.1	3019.8
1		0115	16	4.	.0	3014.8	3		0850	683	0.	.1	3019.8	5		16251350		0.	.1	3019.8
1		0120	17	5.	.0	3015.0	3		0855	684	0.	.1	3019.8	5		16301351		0.	.1	3019.8
1		0125	18	8.	.0	3015.7	3		0900	685	0.	.1	3019.8	5		16351352		0.	.1	3019.8
1		0130	19	14.	.0	3017.0	3		0905	686	0.	.1	3019.8	5		16401353		0.	.1	3019.8
1		0135	20	19.	.0	3017.8	3		0910	687	0.	.1	3019.8	5		16451354		0.	.1	3019.8
1		0140	21	22.	.0	3018.4	3		0915	688	0.	.1	3019.8	5		16501355		0.	.1	3019.8
1		0145	22	25.	.0	3018.9	3		0920	689	0.	.1	3019.8	5		16551356		0.	.1	3019.8
1		0150	23	25.	.0	3018.9	3		0925	690	0.	.1	3019.8	5		17001357		0.	.1	3019.8
1		0155	24	23.	.0	3018.5	3		0930	691	0.	.1	3019.8	5		17051358		0.	.1	3019.8
1		0200	25	20.	.0	3018.1	3		0935	692	0.	.1	3019.8	5		17101359		0.	.1	3019.8
1		0205	26	19.	.0	3017.8	3		0940	693	0.	.1	3019.8	5		17151360		0.	.1	3019.8
1		0210	27	21.	.0	3018.2	3		0945	694	0.	.1	3019.8	5		17201361		0.	.1	3019.8
1		0215	28	28.	.0	3019.4	3		0950	695	0.	.1	3019.8	5		17251362		0.	.1	3019.8
1		0220	29	36.	.0	3021.4	3		0955	696	0.	.1	3019.8	5		17301363		0.	.1	3019.8
1		0225	30	41.	.0	3023.0	3		1000	697	0.	.1	3019.8	5		17351364		0.	.1	3019.8
1		0230	31	42.	.0	3023.1	3		1005	698	0.	.1	3019.8	5		17401365		0.	.1	3019.8
1		0235	32	41.	.0	3022.9	3		1010	699	0.	.1	3019.8	5		17451366		0.	.1	3019.8
1		0240	33	47.	.0	3024.5	3		1015	700	0.	.1	3019.8	5		17501367		0.	.1	3019.8
1		0245	34	50.	.0	3025.5	3		1020	701	0.	.1	3019.8	5		17551368		0.	.1	3019.8
1		0250	35	50.	.0	3025.5	3		1025	702	0.	.1	3019.8	5		18001369		0.	.1	3019.8
1		0255	36	50.	.0	3025.5	3		1030	703	0.	.1	3019.8	5		18051370		0.	.1	3019.8
1		0300	37	50.	.0	3025.5	3		1035	704	0.	.1	3019.8	5		18101371		0.	.1	3019.8
1		0305	38	50.	.1	3025.5	3		1040	705	0.	.1	3019.8	5		18151372		0.	.1	3019.8
1		0310	39	50.	.3	3025.6	3		1045	706	0.	.1	3019.8	5		18201373		0.	.1	3019.8
1		0315	40	50.	.7	3025.6	3		1050	707	0.	.1	3019.8	5		18251374		0.	.1	3019.8
1		0320	41	50.	1.7	3025.8	3		1055	708	0.	.1	3019.8	5		18301375		0.	.1	3019.8
1		0325	42	51.	3.5	3026.2	3		1100	709	0.	.1	3019.8	5		18351376		0.	.1	3019.8
1		0330	43	53.	6.4	3026.7	3		1105	710	0.	.1	3019.8	5		18401377		0.	.1	3019.8
1		0335	44	54.	10.2	3027.4	3		1110	711	0.	.1	3019.8	5		18451378		0.	.1	3019.8
1		0340	45	56.	14.5	3028.2	3		1115	712	0.	.1	3019.8	5		18501379		0.	.1	3019.8
1		0345	46	58.	18.9	3029.0	3		1120	713	0.	.1	3019.8	5		18551380		0.	.1	3019.8
1		0350	47	60.	23.3	3029.7	3		1125	714	0.	.1	3019.8	5		19001381		0.	.1	3019.8
1		0355	48	61.	27.3	3030.3	3		1130	715	0.	.1	3019.8	5		19051382		0.	.1	3019.8
1		0400	49	62.	30.8	3030.9	3		1135	716	0.	.1	3019.8	5		19101383		0.	.1	3019.8
1		0405	50	63.	33.8	3031.3	3		1140	717	0.	.1	3019.8	5		19151384		0.	.1	3019.8
1		0410	51	64.	36.2	3031.7	3		1145	718	0.	.1	3019.8	5		19201385		0.	.1	3019.8
1		0415	52	65.	38.1	3032.0	3		1150	719	0.	.1	3019.8	5		19251386		0.	.1	3019.8
1		0420	53	65.	39.6	3032.2	3		1155	720	0.	.1	3019.8	5		19301387		0.	.1	3019.8
1		0425	54	65.	40.8	3032.4	3		1200	721	0.	.1	3019.8	5		19351388		0.	.1	3019.8
1		0430	55	66.	41.9	3032.6	3		1205	722	0.	.1	3019.8	5		19401389		0.	.1	3019.8
1		0435	56	66.	42.9	3032.7	3		1210	723	0.	.1	3019.8	5		19451390		0.	.1	3019.8

																ULT					
1	0440	57	66.	43.9	3032.9	*	3	1215	724	0.	.1	3019.8	*	5	19501391	0.	.1	3019.8			
1	0445	58	67.	44.9	3033.0	*	3	1220	725	0.	.1	3019.8	*	5	19551392	0.	.1	3019.8			
1	0450	59	67.	45.9	3033.2	*	3	1225	726	0.	.1	3019.8	*	5	20001393	0.	.1	3019.8			
1	0455	60	67.	47.0	3033.3	*	3	1230	727	0.	.1	3019.8	*	5	20051394	0.	.1	3019.8			
1	0500	61	68.	48.0	3033.5	*	3	1235	728	0.	.1	3019.8	*	5	20101395	0.	.1	3019.8			
1	0505	62	68.	48.9	3033.6	*	3	1240	729	0.	.1	3019.8	*	5	20151396	0.	.1	3019.8			
1	0510	63	68.	49.6	3033.7	*	3	1245	730	0.	.1	3019.8	*	5	20201397	0.	.1	3019.8			
1	0515	64	68.	50.1	3033.8	*	3	1250	731	0.	.1	3019.8	*	5	20251398	0.	.1	3019.8			
1	0520	65	69.	50.5	3033.9	*	3	1255	732	0.	.1	3019.8	*	5	20301399	0.	.1	3019.8			
1	0525	66	69.	50.8	3033.9	*	3	1300	733	0.	.1	3019.8	*	5	20351400	0.	.1	3019.8			
1	0530	67	69.	50.9	3033.9	*	3	1305	734	0.	.1	3019.8	*	5	20401401	0.	.1	3019.8			
1	0535	68	69.	50.9	3033.9	*	3	1310	735	0.	.1	3019.8	*	5	20451402	0.	.1	3019.8			
1	0540	69	69.	50.8	3033.9	*	3	1315	736	0.	.1	3019.8	*	5	20501403	0.	.1	3019.8			
1	0545	70	69.	50.6	3033.9	*	3	1320	737	0.	.1	3019.8	*	5	20551404	0.	.1	3019.8			
1	0550	71	68.	50.4	3033.9	*	3	1325	738	0.	.1	3019.8	*	5	21001405	0.	.1	3019.8			
1	0555	72	68.	50.2	3033.8	*	3	1330	739	0.	.1	3019.8	*	5	21051406	0.	.1	3019.8			
1	0600	73	68.	49.9	3033.8	*	3	1335	740	0.	.1	3019.8	*	5	21101407	0.	.1	3019.8			
1	0605	74	68.	49.6	3033.7	*	3	1340	741	0.	.1	3019.8	*	5	21151408	0.	.1	3019.8			
1	0610	75	68.	49.3	3033.7	*	3	1345	742	0.	.1	3019.8	*	5	21201409	0.	.1	3019.8			
1	0615	76	68.	48.9	3033.6	*	3	1350	743	0.	.1	3019.8	*	5	21251410	0.	.1	3019.8			
1	0620	77	68.	48.5	3033.6	*	3	1355	744	0.	.1	3019.8	*	5	21301411	0.	.1	3019.8			
1	0625	78	68.	48.1	3033.5	*	3	1400	745	0.	.1	3019.8	*	5	21351412	0.	.1	3019.8			
1	0630	79	68.	47.7	3033.4	*	3	1405	746	0.	.1	3019.8	*	5	21401413	0.	.1	3019.8			
1	0635	80	67.	47.3	3033.4	*	3	1410	747	0.	.1	3019.8	*	5	21451414	0.	.1	3019.8			
1	0640	81	67.	46.9	3033.3	*	3	1415	748	0.	.1	3019.8	*	5	21501415	0.	.1	3019.8			
1	0645	82	67.	46.4	3033.2	*	3	1420	749	0.	.1	3019.8	*	5	21551416	0.	.1	3019.8			
1	0650	83	67.	46.0	3033.2	*	3	1425	750	0.	.1	3019.8	*	5	22001417	0.	.1	3019.8			
1	0655	84	67.	45.5	3033.1	*	3	1430	751	0.	.1	3019.8	*	5	22051418	0.	.1	3019.8			
1	0700	85	67.	45.1	3033.0	*	3	1435	752	0.	.1	3019.8	*	5	22101419	0.	.1	3019.8			
1	0705	86	67.	44.6	3033.0	*	3	1440	753	0.	.1	3019.8	*	5	22151420	0.	.1	3019.8			
1	0710	87	67.	44.2	3032.9	*	3	1445	754	0.	.1	3019.8	*	5	22201421	0.	.1	3019.8			
1	0715	88	66.	43.7	3032.8	*	3	1450	755	0.	.1	3019.8	*	5	22251422	0.	.1	3019.8			
1	0720	89	66.	43.3	3032.8	*	3	1455	756	0.	.1	3019.8	*	5	22301423	0.	.1	3019.8			
1	0725	90	66.	42.8	3032.7	*	3	1500	757	0.	.1	3019.8	*	5	22351424	0.	.1	3019.8			
1	0730	91	66.	42.3	3032.6	*	3	1505	758	0.	.1	3019.8	*	5	22401425	0.	.1	3019.8			
1	0735	92	66.	41.9	3032.6	*	3	1510	759	0.	.1	3019.8	*	5	22451426	0.	.1	3019.8			
1	0740	93	66.	41.4	3032.5	*	3	1515	760	0.	.1	3019.8	*	5	22501427	0.	.1	3019.8			
1	0745	94	66.	41.0	3032.4	*	3	1520	761	0.	.1	3019.8	*	5	22551428	0.	.1	3019.8			
1	0750	95	65.	40.5	3032.3	*	3	1525	762	0.	.1	3019.8	*	5	23001429	0.	.1	3019.8			
1	0755	96	65.	40.1	3032.3	*	3	1530	763	0.	.1	3019.8	*	5	23051430	0.	.1	3019.8			
1	0800	97	65.	39.6	3032.2	*	3	1535	764	0.	.1	3019.8	*	5	23101431	0.	.1	3019.8			
1	0805	98	65.	39.2	3032.1	*	3	1540	765	0.	.1	3019.8	*	5	23151432	0.	.1	3019.8			
1	0810	99	65.	38.7	3032.1	*	3	1545	766	0.	.1	3019.8	*	5	23201433	0.	.1	3019.8			
1	0815	100	65.	38.3	3032.0	*	3	1550	767	0.	.1	3019.8	*	5	23251434	0.	.1	3019.8			
1	0820	101	65.	37.9	3031.9	*	3	1555	768	0.	.1	3019.8	*	5	23301435	0.	.1	3019.8			
1	0825	102	64.	37.4	3031.9	*	3	1600	769	0.	.1	3019.8	*	5	23351436	0.	.1	3019.8			
1	0830	103	64.	37.0	3031.8	*	3	1605	770	0.	.1	3019.8	*	5	23401437	0.	.1	3019.8			
1	0835	104	64.	36.5	3031.7	*	3	1610	771	0.	.1	3019.8	*	5	23451438	0.	.1	3019.8			
1	0840	105	64.	36.1	3031.7	*	3	1615	772	0.	.1	3019.8	*	5	23501439	0.	.1	3019.8			
1	0845	106	64.	35.6	3031.6	*	3	1620	773	0.	.1	3019.8	*	5	23551440	0.	.1	3019.8			
1	0850	107	64.	35.2	3031.5	*	3	1625	774	0.	.1	3019.8	*	6	00001441	0.	.1	3019.8			
1	0855	108	64.	34.8	3031.5	*	3	1630	775	0.	.1	3019.8	*	6	00051442	0.	.1	3019.8			
1	0900	109	63.	34.3	3031.4	*	3	1635	776	0.	.1	3019.8	*	6	00101443	0.	.1	3019.8			
1	0905	110	63.	33.9	3031.3	*	3	1640	777	0.	.1	3019.8	*	6	00151444	0.	.1	3019.8			
1	0910	111	63.	33.5	3031.3	*	3	1645	778	0.	.1	3019.8	*	6	00201445	0.	.1	3019.8			
1	0915	112	63.	33.0	3031.2	*	3	1650	779	0.	.1	3019.8	*	6	00251446	0.	.1	3019.8			
1	0920	113	63.	32.6	3031.1	*	3	1655	780	0.	.1	3019.8	*	6	00301447	0.	.1	3019.8			
1	0925	114	63.	32.2	3031.1	*	3	1700	781	0.	.1	3019.8	*	6	00351448	0.	.1	3019.8			
1	0930	115	63.	31.7	3031.0	*	3	1705	782	0.	.1	3019.8	*	6	00401449	0.	.1	3019.8			
1	0935	116	63.	31.3	3030.9	*	3	1710	783	0.	.1	3019.8	*	6	00451450	0.	.1	3019.8			
1	0940	117	62.	30.9	3030.9	*	3	1715	784	0.	.1	3019.8	*	6	00501451	0.	.1	3019.8			
1	0945	118	62.	30.4	3030.8	*	3	1720	785	0.	.1	3019.8	*	6	00551452	0.	.1	3019.8			
1	0950	119	62.	30.0	3030.7	*	3	1725	786	0.	.1	3019.8	*	6	01001453	0.	.1	3019.8			
1	0955	120	62.	29.6	3030.7	*	3	1730	787	0.	.1	3019.8	*	6	01051454	0.	.1	3019.8			
1	1000	121	62.	29.2	3030.6	*	3	1735	788	0.	.1	3019.8	*	6	01101455	0.	.1	3019.8			
1	1005	122	62.	28.7	3030.5	*	3	1740	789	0.	.1	3019.8	*	6	01151456	0.	.1	3019.8			
1	1010	123	62.	28.3	3030.5	*	3	1745	790	0.	.1	3019.8	*	6	01201457	0.	.1	3019.8			
1	1015	124	61.	27.9	3030.4	*	3	1750	791	0.	.1	3019.8	*	6	01251458	0.	.1	3019.8			
1	1020	125	61.	27.5	3030.4	*	3	1755	792	0.	.1	3019.8	*	6	01301459	0.	.1	3019.8			
1	1025	126	61.	27.0	3030.3	*	3	1800	793	0.	.1	3019.8	*	6	01351460	0.	.1	3019.8			
1	1030	127	61.	26.6	3030.2	*	3	1805	794	0.	.1	3019.8	*	6	01401461	0.	.1	3019.8			
1	1035	128	61.	26.2	3030.2	*	3	1810	795	0.	.1	3019.8	*	6	01451462	0.	.1	3019.8			
1	1040	129	61.	25.8	3030.1	*	3	1815	796	0.	.1	3019.8	*	6	01501463	0.	.1	3019.8			
1	1045	130	61.	25.4	3030.0	*	3	1820	797	0.	.1	3019.8	*	6	01551464	0.	.1	3019.8			
1	1050	131	61.	24.9	3030.0	*	3	1825	798	0.	.1	3019.8	*	6	02001465	0.	.1	3019.8			
1	1055	132	60.	24.5	3029.9	*	3	1830	799	0.	.1	3019.8	*	6	02051466	0.	.1	3019.8			
1	1100	133	60.	24.1	3029.8	*	3	1835	800	0.	.1	3019.8	*	6	02101467	0.	.1	3019.8			
1	1105	134	60.	23.7	3029.8	*	3	1840	801	0.	.1	3019.8	*	6	02151468	0.	.1	3019.8			
1	1110	135	60.	23.3	3029.7	*	3	1845	802	0.	.1	3019.8	*	6	02201469	0.	.1	3019.8			
1	1115	136	60.	22.9	3029.6	*	3	1850	803	0.	.1	3019.8	*	6	02251470	0.	.1	3019.8			
1	1120	137	59.	22.5	3029.6	*	3	1855	804	0.	.1	3019.8	*	6	02301471	0.	.1	3019.8			
1	1125	138	59.	22.1	3029.5	*	3	1900	805	0.	.1	3019.8	*	6	02351472	0.	.1	3019.8			
1	1130	139	59.	21.6	3029.4	*	3	1905	806	0.	.1	3019.8	*	6	02401473	0.	.1	3019.8			
1	1135	140	59.	21.2	3029.3	*	3	1910	807	0.	.1	3019.8	*	6	02451474	0.	.1	3019.8			
1	1140	141	59.	20.8	3029.3	*	3	1915	808	0.	.1	3019.8	*	6	02501475	0.	.1	3019.8			
1	1145	142	59.	20.4	3029.2	*	3	1920	809	0.	.1	3019.8	*	6	02551476	0.	.1	3019.8			
1	1150	143	58.	20.0	3029.1	*	3	1925	810	0.	.1	3019.8	*	6	03001477	0.	.1	3019.8			
1	1155	144	58.	19.6	3029.1	*	3	1930	811	0.	.1	3019.8	*	6	03051478	0.	.1	3019.8			
1	1200	145	58.	19.2	3029.0	*	3	1935	812	0.	.1	3019.8	*	6	03101479	0.	.1	3019.8			

ULT

1	1205	146	58.	18.8	3028.9	*	3	1940	813	0.	.1	3019.8	*	6	03151480	0.	.1	3019.8
1	1210	147	58.	18.4	3028.9	*	3	1945	814	0.	.1	3019.8	*	6	03201481	0.	.1	3019.8
1	1215	148	58.	18.0	3028.8	*	3	1950	815	0.	.1	3019.8	*	6	03251482	0.	.1	3019.8
1	1220	149	57.	17.6	3028.7	*	3	1955	816	0.	.1	3019.8	*	6	03301483	0.	.1	3019.8
1	1225	150	57.	17.2	3028.7	*	3	2000	817	0.	.1	3019.8	*	6	03351484	0.	.1	3019.8
1	1230	151	57.	16.8	3028.6	*	3	2005	818	0.	.1	3019.8	*	6	03401485	0.	.1	3019.8
1	1235	152	57.	16.4	3028.5	*	3	2010	819	0.	.1	3019.8	*	6	03451486	0.	.1	3019.8
1	1240	153	57.	16.1	3028.5	*	3	2015	820	0.	.1	3019.8	*	6	03501487	0.	.1	3019.8
1	1245	154	57.	15.7	3028.4	*	3	2020	821	0.	.1	3019.8	*	6	03551488	0.	.1	3019.8
1	1250	155	57.	15.3	3028.3	*	3	2025	822	0.	.1	3019.8	*	6	04001489	0.	.1	3019.8
1	1255	156	56.	14.9	3028.3	*	3	2030	823	0.	.1	3019.8	*	6	04051490	0.	.1	3019.8
1	1300	157	56.	14.5	3028.2	*	3	2035	824	0.	.1	3019.8	*	6	04101491	0.	.1	3019.8
1	1305	158	56.	14.1	3028.1	*	3	2040	825	0.	.1	3019.8	*	6	04151492	0.	.1	3019.8
1	1310	159	56.	13.7	3028.1	*	3	2045	826	0.	.1	3019.8	*	6	04201493	0.	.1	3019.8
1	1315	160	56.	13.3	3028.0	*	3	2050	827	0.	.1	3019.8	*	6	04251494	0.	.1	3019.8
1	1320	161	56.	13.0	3027.9	*	3	2055	828	0.	.1	3019.8	*	6	04301495	0.	.1	3019.8
1	1325	162	55.	12.6	3027.9	*	3	2100	829	0.	.1	3019.8	*	6	04351496	0.	.1	3019.8
1	1330	163	55.	12.2	3027.8	*	3	2105	830	0.	.1	3019.8	*	6	04401497	0.	.1	3019.8
1	1335	164	55.	11.8	3027.7	*	3	2110	831	0.	.1	3019.8	*	6	04451498	0.	.1	3019.8
1	1340	165	55.	11.4	3027.7	*	3	2115	832	0.	.1	3019.8	*	6	04501499	0.	.1	3019.8
1	1345	166	55.	11.1	3027.6	*	3	2120	833	0.	.1	3019.8	*	6	04551500	0.	.1	3019.8
1	1350	167	55.	10.7	3027.5	*	3	2125	834	0.	.1	3019.8	*	6	05001501	0.	.1	3019.8
1	1355	168	54.	10.3	3027.5	*	3	2130	835	0.	.1	3019.8	*	6	05051502	0.	.1	3019.8
1	1400	169	54.	9.9	3027.4	*	3	2135	836	0.	.1	3019.8	*	6	05101503	0.	.1	3019.8
1	1405	170	54.	9.6	3027.3	*	3	2140	837	0.	.1	3019.8	*	6	05151504	0.	.1	3019.8
1	1410	171	54.	9.2	3027.3	*	3	2145	838	0.	.1	3019.8	*	6	05201505	0.	.1	3019.8
1	1415	172	54.	8.8	3027.2	*	3	2150	839	0.	.1	3019.8	*	6	05251506	0.	.1	3019.8
1	1420	173	54.	8.4	3027.1	*	3	2155	840	0.	.1	3019.8	*	6	05301507	0.	.1	3019.8
1	1425	174	53.	8.1	3027.1	*	3	2200	841	0.	.1	3019.8	*	6	05351508	0.	.1	3019.8
1	1430	175	53.	7.7	3027.0	*	3	2205	842	0.	.1	3019.8	*	6	05401509	0.	.1	3019.8
1	1435	176	53.	7.3	3026.9	*	3	2210	843	0.	.1	3019.8	*	6	05451510	0.	.1	3019.8
1	1440	177	53.	7.0	3026.9	*	3	2215	844	0.	.1	3019.8	*	6	05501511	0.	.1	3019.8
1	1445	178	53.	6.6	3026.8	*	3	2220	845	0.	.1	3019.8	*	6	05551512	0.	.1	3019.8
1	1450	179	53.	6.3	3026.7	*	3	2225	846	0.	.1	3019.8	*	6	06001513	0.	.1	3019.8
1	1455	180	52.	5.9	3026.7	*	3	2230	847	0.	.1	3019.8	*	6	06051514	0.	.1	3019.8
1	1500	181	52.	5.5	3026.6	*	3	2235	848	0.	.1	3019.8	*	6	06101515	0.	.1	3019.8
1	1505	182	52.	5.2	3026.5	*	3	2240	849	0.	.1	3019.8	*	6	06151516	0.	.1	3019.8
1	1510	183	52.	4.8	3026.4	*	3	2245	850	0.	.1	3019.8	*	6	06201517	0.	.1	3019.8
1	1515	184	52.	4.5	3026.4	*	3	2250	851	0.	.1	3019.8	*	6	06251518	0.	.1	3019.8
1	1520	185	52.	4.1	3026.3	*	3	2255	852	0.	.1	3019.8	*	6	06301519	0.	.1	3019.8
1	1525	186	51.	3.8	3026.2	*	3	2300	853	0.	.1	3019.8	*	6	06351520	0.	.1	3019.8
1	1530	187	51.	3.4	3026.2	*	3	2305	854	0.	.1	3019.8	*	6	06401521	0.	.1	3019.8
1	1535	188	51.	3.0	3026.1	*	3	2310	855	0.	.1	3019.8	*	6	06451522	0.	.1	3019.8
1	1540	189	51.	2.7	3026.0	*	3	2315	856	0.	.1	3019.8	*	6	06501523	0.	.1	3019.8
1	1545	190	51.	2.3	3026.0	*	3	2320	857	0.	.1	3019.8	*	6	06551524	0.	.1	3019.8
1	1550	191	50.	2.0	3025.9	*	3	2325	858	0.	.1	3019.8	*	6	07001525	0.	.1	3019.8
1	1555	192	50.	1.7	3025.8	*	3	2330	859	0.	.1	3019.8	*	6	07051526	0.	.1	3019.8
1	1600	193	50.	1.3	3025.8	*	3	2335	860	0.	.1	3019.8	*	6	07101527	0.	.1	3019.8
1	1605	194	50.	1.0	3025.7	*	3	2340	861	0.	.1	3019.8	*	6	07151528	0.	.1	3019.8
1	1610	195	50.	.6	3025.6	*	3	2345	862	0.	.1	3019.8	*	6	07201529	0.	.1	3019.8
1	1615	196	50.	.3	3025.6	*	3	2350	863	0.	.1	3019.8	*	6	07251530	0.	.1	3019.8
1	1620	197	0.	.1	3019.8	*	3	2355	864	0.	.1	3019.8	*	6	07301531	0.	.1	3019.8
1	1625	198	0.	.1	3019.8	*	4	0000	865	0.	.1	3019.8	*	6	07351532	0.	.1	3019.8
1	1630	199	0.	.1	3019.8	*	4	0005	866	0.	.1	3019.8	*	6	07401533	0.	.1	3019.8
1	1635	200	0.	.1	3019.8	*	4	0010	867	0.	.1	3019.8	*	6	07451534	0.	.1	3019.8
1	1640	201	0.	.1	3019.8	*	4	0015	868	0.	.1	3019.8	*	6	07501535	0.	.1	3019.8
1	1645	202	0.	.1	3019.8	*	4	0020	869	0.	.1	3019.8	*	6	07551536	0.	.1	3019.8
1	1650	203	0.	.1	3019.8	*	4	0025	870	0.	.1	3019.8	*	6	08001537	0.	.1	3019.8
1	1655	204	0.	.1	3019.8	*	4	0030	871	0.	.1	3019.8	*	6	08051538	0.	.1	3019.8
1	1700	205	0.	.1	3019.8	*	4	0035	872	0.	.1	3019.8	*	6	08101539	0.	.1	3019.8
1	1705	206	0.	.1	3019.8	*	4	0040	873	0.	.1	3019.8	*	6	08151540	0.	.1	3019.8
1	1710	207	0.	.1	3019.8	*	4	0045	874	0.	.1	3019.8	*	6	08201541	0.	.1	3019.8
1	1715	208	0.	.1	3019.8	*	4	0050	875	0.	.1	3019.8	*	6	08251542	0.	.1	3019.8
1	1720	209	0.	.1	3019.8	*	4	0055	876	0.	.1	3019.8	*	6	08301543	0.	.1	3019.8
1	1725	210	0.	.1	3019.8	*	4	0100	877	0.	.1	3019.8	*	6	08351544	0.	.1	3019.8
1	1730	211	0.	.1	3019.8	*	4	0105	878	0.	.1	3019.8	*	6	08401545	0.	.1	3019.8
1	1735	212	0.	.1	3019.8	*	4	0110	879	0.	.1	3019.8	*	6	08451546	0.	.1	3019.8
1	1740	213	0.	.1	3019.8	*	4	0115	880	0.	.1	3019.8	*	6	08501547	0.	.1	3019.8
1	1745	214	0.	.1	3019.8	*	4	0120	881	0.	.1	3019.8	*	6	08551548	0.	.1	3019.8
1	1750	215	0.	.1	3019.8	*	4	0125	882	0.	.1	3019.8	*	6	09001549	0.	.1	3019.8
1	1755	216	0.	.1	3019.8	*	4	0130	883	0.	.1	3019.8	*	6	09051550	0.	.1	3019.8
1	1800	217	0.	.1	3019.8	*	4	0135	884	0.	.1	3019.8	*	6	09101551	0.	.1	3019.8
1	1805	218	0.	.1	3019.8	*	4	0140	885	0.	.1	3019.8	*	6	09151552	0.	.1	3019.8
1	1810	219	0.	.1	3019.8	*	4	0145	886	0.	.1	3019.8	*	6	09201553	0.	.1	3019.8
1	1815	220	0.	.1	3019.8	*	4	0150	887	0.	.1	3019.8	*	6	09251554	0.	.1	3019.8
1	1820	221	0.	.1	3019.8	*	4	0155	888	0.	.1	3019.8	*	6	09301555	0.	.1	3019.8
1	1825	222	0.	.1	3019.8	*	4	0200	889	0.	.1	3019.8	*	6	09351556	0.	.1	3019.8
1	1830	223	0.	.1	3019.8	*	4	0205	890	0.	.1	3019.8	*	6	09401557	0.	.1	3019.8
1	1835	224	0.	.1	3019.8	*	4	0210	891	0.	.1	3019.8	*	6	09451558	0.	.1	3019.8
1	1840	225	0.	.1	3019.8	*	4	0215	892	0.	.1	3019.8	*	6	09501559	0.	.1	3019.8
1	1845	226	0.	.1	3019.8	*	4	0220	893	0.	.1	3019.8	*	6	09551560	0.	.1	3019.8
1	1850	227	0.	.1	3019.8	*	4	0225	894	0.	.1	3019.8	*	6	10001561	0.	.1	3019.8
1	1855	228	0.	.1	3019.8	*	4	0230	895	0.	.1	3019.8	*	6	10051562	0.	.1	3019.8
1	1900	229	0.	.1	3019.8	*	4	0235	896	0.	.1	3019.8	*	6	10101563	0.	.1	3019.8
1	1905	230	0.	.1	3019.8	*	4	0240	897	0.	.1	3019.8	*	6	10151564	0.	.1	3019.8
1	1910	231	0.	.1	3019.8	*	4	0245	898	0.	.1	3019.8	*	6	10201565	0.	.1	3019.8
1	1915	232	0.	.1	3019.8	*	4	0250	899	0.	.1	3019.8	*	6	10251566	0.	.1	3019.8
1	1920	233	0.	.1	3019.8	*	4	0255	900	0.	.1	3019.8	*	6	10301567	0.	.1	3019.8
1	1925	234	0.	.1	3019.8	*	4	0300	901	0.	.1	3019.8	*	6	10351568	0.	.1	3019.8

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1	1930	235	0.	.1	3019.8	* 4	0305	902	0.	.1	3019.8	* 6	10401569	0.	.1	3019.8
1	1935	236	0.	.1	3019.8	* 4	0310	903	0.	.1	3019.8	* 6	10451570	0.	.1	3019.8
1	1940	237	0.	.1	3019.8	* 4	0315	904	0.	.1	3019.8	* 6	10501571	0.	.1	3019.8
1	1945	238	0.	.1	3019.8	* 4	0320	905	0.	.1	3019.8	* 6	10551572	0.	.1	3019.8
1	1950	239	0.	.1	3019.8	* 4	0325	906	0.	.1	3019.8	* 6	11001573	0.	.1	3019.8
1	1955	240	0.	.1	3019.8	* 4	0330	907	0.	.1	3019.8	* 6	11051574	0.	.1	3019.8
1	2000	241	0.	.1	3019.8	* 4	0335	908	0.	.1	3019.8	* 6	11101575	0.	.1	3019.8
1	2005	242	0.	.1	3019.8	* 4	0340	909	0.	.1	3019.8	* 6	11151576	0.	.1	3019.8
1	2010	243	0.	.1	3019.8	* 4	0345	910	0.	.1	3019.8	* 6	11201577	0.	.1	3019.8
1	2015	244	0.	.1	3019.8	* 4	0350	911	0.	.1	3019.8	* 6	11251578	0.	.1	3019.8
1	2020	245	0.	.1	3019.8	* 4	0355	912	0.	.1	3019.8	* 6	11301579	0.	.1	3019.8
1	2025	246	0.	.1	3019.8	* 4	0400	913	0.	.1	3019.8	* 6	11351580	0.	.1	3019.8
1	2030	247	0.	.1	3019.8	* 4	0405	914	0.	.1	3019.8	* 6	11401581	0.	.1	3019.8
1	2035	248	0.	.1	3019.8	* 4	0410	915	0.	.1	3019.8	* 6	11451582	0.	.1	3019.8
1	2040	249	0.	.1	3019.8	* 4	0415	916	0.	.1	3019.8	* 6	11501583	0.	.1	3019.8
1	2045	250	0.	.1	3019.8	* 4	0420	917	0.	.1	3019.8	* 6	11551584	0.	.1	3019.8
1	2050	251	0.	.1	3019.8	* 4	0425	918	0.	.1	3019.8	* 6	12001585	0.	.1	3019.8
1	2055	252	0.	.1	3019.8	* 4	0430	919	0.	.1	3019.8	* 6	12051586	0.	.1	3019.8
1	2100	253	0.	.1	3019.8	* 4	0435	920	0.	.1	3019.8	* 6	12101587	0.	.1	3019.8
1	2105	254	0.	.1	3019.8	* 4	0440	921	0.	.1	3019.8	* 6	12151588	0.	.1	3019.8
1	2110	255	0.	.1	3019.8	* 4	0445	922	0.	.1	3019.8	* 6	12201589	0.	.1	3019.8
1	2115	256	0.	.1	3019.8	* 4	0450	923	0.	.1	3019.8	* 6	12251590	0.	.1	3019.8
1	2120	257	0.	.1	3019.8	* 4	0455	924	0.	.1	3019.8	* 6	12301591	0.	.1	3019.8
1	2125	258	0.	.1	3019.8	* 4	0500	925	0.	.1	3019.8	* 6	12351592	0.	.1	3019.8
1	2130	259	0.	.1	3019.8	* 4	0505	926	0.	.1	3019.8	* 6	12401593	0.	.1	3019.8
1	2135	260	0.	.1	3019.8	* 4	0510	927	0.	.1	3019.8	* 6	12451594	0.	.1	3019.8
1	2140	261	0.	.1	3019.8	* 4	0515	928	0.	.1	3019.8	* 6	12501595	0.	.1	3019.8
1	2145	262	0.	.1	3019.8	* 4	0520	929	0.	.1	3019.8	* 6	12551596	0.	.1	3019.8
1	2150	263	0.	.1	3019.8	* 4	0525	930	0.	.1	3019.8	* 6	13001597	0.	.1	3019.8
1	2155	264	0.	.1	3019.8	* 4	0530	931	0.	.1	3019.8	* 6	13051598	0.	.1	3019.8
1	2200	265	0.	.1	3019.8	* 4	0535	932	0.	.1	3019.8	* 6	13101599	0.	.1	3019.8
1	2205	266	0.	.1	3019.8	* 4	0540	933	0.	.1	3019.8	* 6	13151600	0.	.1	3019.8
1	2210	267	0.	.1	3019.8	* 4	0545	934	0.	.1	3019.8	* 6	13201601	0.	.1	3019.8
1	2215	268	0.	.1	3019.8	* 4	0550	935	0.	.1	3019.8	* 6	13251602	0.	.1	3019.8
1	2220	269	0.	.1	3019.8	* 4	0555	936	0.	.1	3019.8	* 6	13301603	0.	.1	3019.8
1	2225	270	0.	.1	3019.8	* 4	0600	937	0.	.1	3019.8	* 6	13351604	0.	.1	3019.8
1	2230	271	0.	.1	3019.8	* 4	0605	938	0.	.1	3019.8	* 6	13401605	0.	.1	3019.8
1	2235	272	0.	.1	3019.8	* 4	0610	939	0.	.1	3019.8	* 6	13451606	0.	.1	3019.8
1	2240	273	0.	.1	3019.8	* 4	0615	940	0.	.1	3019.8	* 6	13501607	0.	.1	3019.8
1	2245	274	0.	.1	3019.8	* 4	0620	941	0.	.1	3019.8	* 6	13551608	0.	.1	3019.8
1	2250	275	0.	.1	3019.8	* 4	0625	942	0.	.1	3019.8	* 6	14001609	0.	.1	3019.8
1	2255	276	0.	.1	3019.8	* 4	0630	943	0.	.1	3019.8	* 6	14051610	0.	.1	3019.8
1	2300	277	0.	.1	3019.8	* 4	0635	944	0.	.1	3019.8	* 6	14101611	0.	.1	3019.8
1	2305	278	0.	.1	3019.8	* 4	0640	945	0.	.1	3019.8	* 6	14151612	0.	.1	3019.8
1	2310	279	0.	.1	3019.8	* 4	0645	946	0.	.1	3019.8	* 6	14201613	0.	.1	3019.8
1	2315	280	0.	.1	3019.8	* 4	0650	947	0.	.1	3019.8	* 6	14251614	0.	.1	3019.8
1	2320	281	0.	.1	3019.8	* 4	0655	948	0.	.1	3019.8	* 6	14301615	0.	.1	3019.8
1	2325	282	0.	.1	3019.8	* 4	0700	949	0.	.1	3019.8	* 6	14351616	0.	.1	3019.8
1	2330	283	0.	.1	3019.8	* 4	0705	950	0.	.1	3019.8	* 6	14401617	0.	.1	3019.8
1	2335	284	0.	.1	3019.8	* 4	0710	951	0.	.1	3019.8	* 6	14451618	0.	.1	3019.8
1	2340	285	0.	.1	3019.8	* 4	0715	952	0.	.1	3019.8	* 6	14501619	0.	.1	3019.8
1	2345	286	0.	.1	3019.8	* 4	0720	953	0.	.1	3019.8	* 6	14551620	0.	.1	3019.8
1	2350	287	0.	.1	3019.8	* 4	0725	954	0.	.1	3019.8	* 6	15001621	0.	.1	3019.8
1	2355	288	0.	.1	3019.8	* 4	0730	955	0.	.1	3019.8	* 6	15051622	0.	.1	3019.8
2	0000	289	0.	.1	3019.8	* 4	0735	956	0.	.1	3019.8	* 6	15101623	0.	.1	3019.8
2	0005	290	0.	.1	3019.8	* 4	0740	957	0.	.1	3019.8	* 6	15151624	0.	.1	3019.8
2	0010	291	0.	.1	3019.8	* 4	0745	958	0.	.1	3019.8	* 6	15201625	0.	.1	3019.8
2	0015	292	0.	.1	3019.8	* 4	0750	959	0.	.1	3019.8	* 6	15251626	0.	.1	3019.8
2	0020	293	0.	.1	3019.8	* 4	0755	960	0.	.1	3019.8	* 6	15301627	0.	.1	3019.8
2	0025	294	0.	.1	3019.8	* 4	0800	961	0.	.1	3019.8	* 6	15351628	0.	.1	3019.8
2	0030	295	0.	.1	3019.8	* 4	0805	962	0.	.1	3019.8	* 6	15401629	0.	.1	3019.8
2	0035	296	0.	.1	3019.8	* 4	0810	963	0.	.1	3019.8	* 6	15451630	0.	.1	3019.8
2	0040	297	0.	.1	3019.8	* 4	0815	964	0.	.1	3019.8	* 6	15501631	0.	.1	3019.8
2	0045	298	0.	.1	3019.8	* 4	0820	965	0.	.1	3019.8	* 6	15551632	0.	.1	3019.8
2	0050	299	0.	.1	3019.8	* 4	0825	966	0.	.1	3019.8	* 6	16001633	0.	.1	3019.8
2	0055	300	0.	.1	3019.8	* 4	0830	967	0.	.1	3019.8	* 6	16051634	0.	.1	3019.8
2	0100	301	0.	.1	3019.8	* 4	0835	968	0.	.1	3019.8	* 6	16101635	0.	.1	3019.8
2	0105	302	0.	.1	3019.8	* 4	0840	969	0.	.1	3019.8	* 6	16151636	0.	.1	3019.8
2	0110	303	0.	.1	3019.8	* 4	0845	970	0.	.1	3019.8	* 6	16201637	0.	.1	3019.8
2	0115	304	0.	.1	3019.8	* 4	0850	971	0.	.1	3019.8	* 6	16251638	0.	.1	3019.8
2	0120	305	0.	.1	3019.8	* 4	0855	972	0.	.1	3019.8	* 6	16301639	0.	.1	3019.8
2	0125	306	0.	.1	3019.8	* 4	0900	973	0.	.1	3019.8	* 6	16351640	0.	.1	3019.8
2	0130	307	0.	.1	3019.8	* 4	0905	974	0.	.1	3019.8	* 6	16401641	0.	.1	3019.8
2	0135	308	0.	.1	3019.8	* 4	0910	975	0.	.1	3019.8	* 6	16451642	0.	.1	3019.8
2	0140	309	0.	.1	3019.8	* 4	0915	976	0.	.1	3019.8	* 6	16501643	0.	.1	3019.8
2	0145	310	0.	.1	3019.8	* 4	0920	977	0.	.1	3019.8	* 6	16551644	0.	.1	3019.8
2	0150	311	0.	.1	3019.8	* 4	0925	978	0.	.1	3019.8	* 6	17001645	0.	.1	3019.8
2	0155	312	0.	.1	3019.8	* 4	0930	979	0.	.1	3019.8	* 6	17051646	0.	.1	3019.8
2	0200	313	0.	.1	3019.8	* 4	0935	980	0.	.1	3019.8	* 6	17101647	0.	.1	3019.8
2	0205	314	0.	.1	3019.8	* 4	0940	981	0.	.1	3019.8	* 6	17151648	0.	.1	3019.8
2	0210	315	0.	.1	3019.8	* 4	0945	982	0.	.1	3019.8	* 6	17201649	0.	.1	3019.8
2	0215	316	0.	.1	3019.8	* 4	0950	983	0.	.1	3019.8	* 6	17251650	0.	.1	3019.8
2	0220	317	0.	.1	3019.8	* 4	0955	984	0.	.1	3019.8	* 6	17301651	0.	.1	3019.8
2	0225	318	0.	.1	3019.8	* 4	1000	985	0.	.1	3019.8	* 6	17351652	0.	.1	3019.8
2	0230	319	0.	.1	3019.8	* 4	1005	986	0.	.1	3019.8	* 6	17401653	0.	.1	3019.8
2	0235	320	0.	.1	3019.8	* 4	1010	987	0.	.1	3019.8	* 6	17451654	0.	.1	3019.8
2	0240	321	0.	.1	3019.8	* 4	1015	988	0.	.1	3019.8	* 6	17501655	0.	.1	3019.8
2	0245	322	0.	.1	3019.8	* 4	1020	989	0.	.1	3019.8	* 6	17551656	0.	.1	3019.8
2	0250	323	0.	.1	3019.8	* 4	1025	990	0.	.1	3019.8	* 6	18001657	0.	.1	3019.8

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2	0255	324	0.	.1	3019.8 *	4	1030	991	0.	.1	3019.8 *	6	18051658	0.	.1	3019.8
2	0300	325	0.	.1	3019.8 *	4	1035	992	0.	.1	3019.8 *	6	18101659	0.	.1	3019.8
2	0305	326	0.	.1	3019.8 *	4	1040	993	0.	.1	3019.8 *	6	18151660	0.	.1	3019.8
2	0310	327	0.	.1	3019.8 *	4	1045	994	0.	.1	3019.8 *	6	18201661	0.	.1	3019.8
2	0315	328	0.	.1	3019.8 *	4	1050	995	0.	.1	3019.8 *	6	18251662	0.	.1	3019.8
2	0320	329	0.	.1	3019.8 *	4	1055	996	0.	.1	3019.8 *	6	18301663	0.	.1	3019.8
2	0325	330	0.	.1	3019.8 *	4	1100	997	0.	.1	3019.8 *	6	18351664	0.	.1	3019.8
2	0330	331	0.	.1	3019.8 *	4	1105	998	0.	.1	3019.8 *	6	18401665	0.	.1	3019.8
2	0335	332	0.	.1	3019.8 *	4	1110	999	0.	.1	3019.8 *	6	18451666	0.	.1	3019.8
2	0340	333	0.	.1	3019.8 *	4	11151000		0.	.1	3019.8 *	6	18501667	0.	.1	3019.8
2	0345	334	0.	.1	3019.8 *	4	11201001		0.	.1	3019.8 *	6	18551668	0.	.1	3019.8
2	0350	335	0.	.1	3019.8 *	4	11251002		0.	.1	3019.8 *	6	19001669	0.	.1	3019.8
2	0355	336	0.	.1	3019.8 *	4	11301003		0.	.1	3019.8 *	6	19051670	0.	.1	3019.8
2	0400	337	0.	.1	3019.8 *	4	11351004		0.	.1	3019.8 *	6	19101671	0.	.1	3019.8
2	0405	338	0.	.1	3019.8 *	4	11401005		0.	.1	3019.8 *	6	19151672	0.	.1	3019.8
2	0410	339	0.	.1	3019.8 *	4	11451006		0.	.1	3019.8 *	6	19201673	0.	.1	3019.8
2	0415	340	0.	.1	3019.8 *	4	11501007		0.	.1	3019.8 *	6	19251674	0.	.1	3019.8
2	0420	341	0.	.1	3019.8 *	4	11551008		0.	.1	3019.8 *	6	19301675	0.	.1	3019.8
2	0425	342	0.	.1	3019.8 *	4	12001009		0.	.1	3019.8 *	6	19351676	0.	.1	3019.8
2	0430	343	0.	.1	3019.8 *	4	12051010		0.	.1	3019.8 *	6	19401677	0.	.1	3019.8
2	0435	344	0.	.1	3019.8 *	4	12101011		0.	.1	3019.8 *	6	19451678	0.	.1	3019.8
2	0440	345	0.	.1	3019.8 *	4	12151012		0.	.1	3019.8 *	6	19501679	0.	.1	3019.8
2	0445	346	0.	.1	3019.8 *	4	12201013		0.	.1	3019.8 *	6	19551680	0.	.1	3019.8
2	0450	347	0.	.1	3019.8 *	4	12251014		0.	.1	3019.8 *	6	20001681	0.	.1	3019.8
2	0455	348	0.	.1	3019.8 *	4	12301015		0.	.1	3019.8 *	6	20051682	0.	.1	3019.8
2	0500	349	0.	.1	3019.8 *	4	12351016		0.	.1	3019.8 *	6	20101683	0.	.1	3019.8
2	0505	350	0.	.1	3019.8 *	4	12401017		0.	.1	3019.8 *	6	20151684	0.	.1	3019.8
2	0510	351	0.	.1	3019.8 *	4	12451018		0.	.1	3019.8 *	6	20201685	0.	.1	3019.8
2	0515	352	0.	.1	3019.8 *	4	12501019		0.	.1	3019.8 *	6	20251686	0.	.1	3019.8
2	0520	353	0.	.1	3019.8 *	4	12551020		0.	.1	3019.8 *	6	20301687	0.	.1	3019.8
2	0525	354	0.	.1	3019.8 *	4	13001021		0.	.1	3019.8 *	6	20351688	0.	.1	3019.8
2	0530	355	0.	.1	3019.8 *	4	13051022		0.	.1	3019.8 *	6	20401689	0.	.1	3019.8
2	0535	356	0.	.1	3019.8 *	4	13101023		0.	.1	3019.8 *	6	20451690	0.	.1	3019.8
2	0540	357	0.	.1	3019.8 *	4	13151024		0.	.1	3019.8 *	6	20501691	0.	.1	3019.8
2	0545	358	0.	.1	3019.8 *	4	13201025		0.	.1	3019.8 *	6	20551692	0.	.1	3019.8
2	0550	359	0.	.1	3019.8 *	4	13251026		0.	.1	3019.8 *	6	21001693	0.	.1	3019.8
2	0555	360	0.	.1	3019.8 *	4	13301027		0.	.1	3019.8 *	6	21051694	0.	.1	3019.8
2	0600	361	0.	.1	3019.8 *	4	13351028		0.	.1	3019.8 *	6	21101695	0.	.1	3019.8
2	0605	362	0.	.1	3019.8 *	4	13401029		0.	.1	3019.8 *	6	21151696	0.	.1	3019.8
2	0610	363	0.	.1	3019.8 *	4	13451030		0.	.1	3019.8 *	6	21201697	0.	.1	3019.8
2	0615	364	0.	.1	3019.8 *	4	13501031		0.	.1	3019.8 *	6	21251698	0.	.1	3019.8
2	0620	365	0.	.1	3019.8 *	4	13551032		0.	.1	3019.8 *	6	21301699	0.	.1	3019.8
2	0625	366	0.	.1	3019.8 *	4	14001033		0.	.1	3019.8 *	6	21351700	0.	.1	3019.8
2	0630	367	0.	.1	3019.8 *	4	14051034		0.	.1	3019.8 *	6	21401701	0.	.1	3019.8
2	0635	368	0.	.1	3019.8 *	4	14101035		0.	.1	3019.8 *	6	21451702	0.	.1	3019.8
2	0640	369	0.	.1	3019.8 *	4	14151036		0.	.1	3019.8 *	6	21501703	0.	.1	3019.8
2	0645	370	0.	.1	3019.8 *	4	14201037		0.	.1	3019.8 *	6	21551704	0.	.1	3019.8
2	0650	371	0.	.1	3019.8 *	4	14251038		0.	.1	3019.8 *	6	22001705	0.	.1	3019.8
2	0655	372	0.	.1	3019.8 *	4	14301039		0.	.1	3019.8 *	6	22051706	0.	.1	3019.8
2	0700	373	0.	.1	3019.8 *	4	14351040		0.	.1	3019.8 *	6	22101707	0.	.1	3019.8
2	0705	374	0.	.1	3019.8 *	4	14401041		0.	.1	3019.8 *	6	22151708	0.	.1	3019.8
2	0710	375	0.	.1	3019.8 *	4	14451042		0.	.1	3019.8 *	6	22201709	0.	.1	3019.8
2	0715	376	0.	.1	3019.8 *	4	14501043		0.	.1	3019.8 *	6	22251710	0.	.1	3019.8
2	0720	377	0.	.1	3019.8 *	4	14551044		0.	.1	3019.8 *	6	22301711	0.	.1	3019.8
2	0725	378	0.	.1	3019.8 *	4	15001045		0.	.1	3019.8 *	6	22351712	0.	.1	3019.8
2	0730	379	0.	.1	3019.8 *	4	15051046		0.	.1	3019.8 *	6	22401713	0.	.1	3019.8
2	0735	380	0.	.1	3019.8 *	4	15101047		0.	.1	3019.8 *	6	22451714	0.	.1	3019.8
2	0740	381	0.	.1	3019.8 *	4	15151048		0.	.1	3019.8 *	6	22501715	0.	.1	3019.8
2	0745	382	0.	.1	3019.8 *	4	15201049		0.	.1	3019.8 *	6	22551716	0.	.1	3019.8
2	0750	383	0.	.1	3019.8 *	4	15251050		0.	.1	3019.8 *	6	23001717	0.	.1	3019.8
2	0755	384	0.	.1	3019.8 *	4	15301051		0.	.1	3019.8 *	6	23051718	0.	.1	3019.8
2	0800	385	0.	.1	3019.8 *	4	15351052		0.	.1	3019.8 *	6	23101719	0.	.1	3019.8
2	0805	386	0.	.1	3019.8 *	4	15401053		0.	.1	3019.8 *	6	23151720	0.	.1	3019.8
2	0810	387	0.	.1	3019.8 *	4	15451054		0.	.1	3019.8 *	6	23201721	0.	.1	3019.8
2	0815	388	0.	.1	3019.8 *	4	15501055		0.	.1	3019.8 *	6	23251722	0.	.1	3019.8
2	0820	389	0.	.1	3019.8 *	4	15551056		0.	.1	3019.8 *	6	23301723	0.	.1	3019.8
2	0825	390	0.	.1	3019.8 *	4	16001057		0.	.1	3019.8 *	6	23351724	0.	.1	3019.8
2	0830	391	0.	.1	3019.8 *	4	16051058		0.	.1	3019.8 *	6	23401725	0.	.1	3019.8
2	0835	392	0.	.1	3019.8 *	4	16101059		0.	.1	3019.8 *	6	23451726	0.	.1	3019.8
2	0840	393	0.	.1	3019.8 *	4	16151060		0.	.1	3019.8 *	6	23501727	0.	.1	3019.8
2	0845	394	0.	.1	3019.8 *	4	16201061		0.	.1	3019.8 *	6	23551728	0.	.1	3019.8
2	0850	395	0.	.1	3019.8 *	4	16251062		0.	.1	3019.8 *	7	00001729	0.	.1	3019.8
2	0855	396	0.	.1	3019.8 *	4	16301063		0.	.1	3019.8 *	7	00051730	0.	.1	3019.8
2	0900	397	0.	.1	3019.8 *	4	16351064		0.	.1	3019.8 *	7	00101731	0.	.1	3019.8
2	0905	398	0.	.1	3019.8 *	4	16401065		0.	.1	3019.8 *	7	00151732	0.	.1	3019.8
2	0910	399	0.	.1	3019.8 *	4	16451066		0.	.1	3019.8 *	7	00201733	0.	.1	3019.8
2	0915	400	0.	.1	3019.8 *	4	16501067		0.	.1	3019.8 *	7	00251734	0.	.1	3019.8
2	0920	401	0.	.1	3019.8 *	4	16551068		0.	.1	3019.8 *	7	00301735	0.	.1	3019.8
2	0925	402	0.	.1	3019.8 *	4	17001069		0.	.1	3019.8 *	7	00351736	0.	.1	3019.8
2	0930	403	0.	.1	3019.8 *	4	17051070		0.	.1	3019.8 *	7	00401737	0.	.1	3019.8
2	0935	404	0.	.1	3019.8 *	4	17101071		0.	.1	3019.8 *	7	00451738	0.	.1	3019.8
2	0940	405	0.	.1	3019.8 *	4	17151072		0.	.1	3019.8 *	7	00501739	0.	.1	3019.8
2	0945	406	0.	.1	3019.8 *	4	17201073		0.	.1	3019.8 *	7	00551740	0.	.1	3019.8
2	0950	407	0.	.1	3019.8 *	4	17251074		0.	.1	3019.8 *	7	01001741	0.	.1	3019.8
2	0955	408	0.	.1	3019.8 *	4	17301075		0.	.1	3019.8 *	7	01051742	0.	.1	3019.8
2	1000	409	0.	.1	3019.8 *	4	17351076		0.	.1	3019.8 *	7	01101743	0.	.1	3019.8
2	1005	410	0.	.1	3019.8 *	4	17401077		0.	.1	3019.8 *	7	01151744	0.	.1	3019.8
2	1010	411	0.	.1	3019.8 *	4	17451078		0.	.1	3019.8 *	7	01201745	0.	.1	3019.8
2	1015	412	0.	.1	3019.8 *	4	17501079		0.	.1	3019.8 *	7	01251746	0.	.1	3019.8

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2	1020	413	0.	.1	3019.8	4	17551080	0.	.1	3019.8	7	01301747	0.	.1	3019.8
2	1025	414	0.	.1	3019.8	4	18001081	0.	.1	3019.8	7	01351748	0.	.1	3019.8
2	1030	415	0.	.1	3019.8	4	18051082	0.	.1	3019.8	7	01401749	0.	.1	3019.8
2	1035	416	0.	.1	3019.8	4	18101083	0.	.1	3019.8	7	01451750	0.	.1	3019.8
2	1040	417	0.	.1	3019.8	4	18151084	0.	.1	3019.8	7	01501751	0.	.1	3019.8
2	1045	418	0.	.1	3019.8	4	18201085	0.	.1	3019.8	7	01551752	0.	.1	3019.8
2	1050	419	0.	.1	3019.8	4	18251086	0.	.1	3019.8	7	02001753	0.	.1	3019.8
2	1055	420	0.	.1	3019.8	4	18301087	0.	.1	3019.8	7	02051754	0.	.1	3019.8
2	1100	421	0.	.1	3019.8	4	18351088	0.	.1	3019.8	7	02101755	0.	.1	3019.8
2	1105	422	0.	.1	3019.8	4	18401089	0.	.1	3019.8	7	02151756	0.	.1	3019.8
2	1110	423	0.	.1	3019.8	4	18451090	0.	.1	3019.8	7	02201757	0.	.1	3019.8
2	1115	424	0.	.1	3019.8	4	18501091	0.	.1	3019.8	7	02251758	0.	.1	3019.8
2	1120	425	0.	.1	3019.8	4	18551092	0.	.1	3019.8	7	02301759	0.	.1	3019.8
2	1125	426	0.	.1	3019.8	4	19001093	0.	.1	3019.8	7	02351760	0.	.1	3019.8
2	1130	427	0.	.1	3019.8	4	19051094	0.	.1	3019.8	7	02401761	0.	.1	3019.8
2	1135	428	0.	.1	3019.8	4	19101095	0.	.1	3019.8	7	02451762	0.	.1	3019.8
2	1140	429	0.	.1	3019.8	4	19151096	0.	.1	3019.8	7	02501763	0.	.1	3019.8
2	1145	430	0.	.1	3019.8	4	19201097	0.	.1	3019.8	7	02551764	0.	.1	3019.8
2	1150	431	0.	.1	3019.8	4	19251098	0.	.1	3019.8	7	03001765	0.	.1	3019.8
2	1155	432	0.	.1	3019.8	4	19301099	0.	.1	3019.8	7	03051766	0.	.1	3019.8
2	1200	433	0.	.1	3019.8	4	19351100	0.	.1	3019.8	7	03101767	0.	.1	3019.8
2	1205	434	0.	.1	3019.8	4	19401101	0.	.1	3019.8	7	03151768	0.	.1	3019.8
2	1210	435	0.	.1	3019.8	4	19451102	0.	.1	3019.8	7	03201769	0.	.1	3019.8
2	1215	436	0.	.1	3019.8	4	19501103	0.	.1	3019.8	7	03251770	0.	.1	3019.8
2	1220	437	0.	.1	3019.8	4	19551104	0.	.1	3019.8	7	03301771	0.	.1	3019.8
2	1225	438	0.	.1	3019.8	4	20001105	0.	.1	3019.8	7	03351772	0.	.1	3019.8
2	1230	439	0.	.1	3019.8	4	20051106	0.	.1	3019.8	7	03401773	0.	.1	3019.8
2	1235	440	0.	.1	3019.8	4	20101107	0.	.1	3019.8	7	03451774	0.	.1	3019.8
2	1240	441	0.	.1	3019.8	4	20151108	0.	.1	3019.8	7	03501775	0.	.1	3019.8
2	1245	442	0.	.1	3019.8	4	20201109	0.	.1	3019.8	7	03551776	0.	.1	3019.8
2	1250	443	0.	.1	3019.8	4	20251110	0.	.1	3019.8	7	04001777	0.	.1	3019.8
2	1255	444	0.	.1	3019.8	4	20301111	0.	.1	3019.8	7	04051778	0.	.1	3019.8
2	1300	445	0.	.1	3019.8	4	20351112	0.	.1	3019.8	7	04101779	0.	.1	3019.8
2	1305	446	0.	.1	3019.8	4	20401113	0.	.1	3019.8	7	04151780	0.	.1	3019.8
2	1310	447	0.	.1	3019.8	4	20451114	0.	.1	3019.8	7	04201781	0.	.1	3019.8
2	1315	448	0.	.1	3019.8	4	20501115	0.	.1	3019.8	7	04251782	0.	.1	3019.8
2	1320	449	0.	.1	3019.8	4	20551116	0.	.1	3019.8	7	04301783	0.	.1	3019.8
2	1325	450	0.	.1	3019.8	4	21001117	0.	.1	3019.8	7	04351784	0.	.1	3019.8
2	1330	451	0.	.1	3019.8	4	21051118	0.	.1	3019.8	7	04401785	0.	.1	3019.8
2	1335	452	0.	.1	3019.8	4	21101119	0.	.1	3019.8	7	04451786	0.	.1	3019.8
2	1340	453	0.	.1	3019.8	4	21151120	0.	.1	3019.8	7	04501787	0.	.1	3019.8
2	1345	454	0.	.1	3019.8	4	21201121	0.	.1	3019.8	7	04551788	0.	.1	3019.8
2	1350	455	0.	.1	3019.8	4	21251122	0.	.1	3019.8	7	05001789	0.	.1	3019.8
2	1355	456	0.	.1	3019.8	4	21301123	0.	.1	3019.8	7	05051790	0.	.1	3019.8
2	1400	457	0.	.1	3019.8	4	21351124	0.	.1	3019.8	7	05101791	0.	.1	3019.8
2	1405	458	0.	.1	3019.8	4	21401125	0.	.1	3019.8	7	05151792	0.	.1	3019.8
2	1410	459	0.	.1	3019.8	4	21451126	0.	.1	3019.8	7	05201793	0.	.1	3019.8
2	1415	460	0.	.1	3019.8	4	21501127	0.	.1	3019.8	7	05251794	0.	.1	3019.8
2	1420	461	0.	.1	3019.8	4	21551128	0.	.1	3019.8	7	05301795	0.	.1	3019.8
2	1425	462	0.	.1	3019.8	4	22001129	0.	.1	3019.8	7	05351796	0.	.1	3019.8
2	1430	463	0.	.1	3019.8	4	22051130	0.	.1	3019.8	7	05401797	0.	.1	3019.8
2	1435	464	0.	.1	3019.8	4	22101131	0.	.1	3019.8	7	05451798	0.	.1	3019.8
2	1440	465	0.	.1	3019.8	4	22151132	0.	.1	3019.8	7	05501799	0.	.1	3019.8
2	1445	466	0.	.1	3019.8	4	22201133	0.	.1	3019.8	7	05551800	0.	.1	3019.8
2	1450	467	0.	.1	3019.8	4	22251134	0.	.1	3019.8	7	06001801	0.	.1	3019.8
2	1455	468	0.	.1	3019.8	4	22301135	0.	.1	3019.8	7	06051802	0.	.1	3019.8
2	1500	469	0.	.1	3019.8	4	22351136	0.	.1	3019.8	7	06101803	0.	.1	3019.8
2	1505	470	0.	.1	3019.8	4	22401137	0.	.1	3019.8	7	06151804	0.	.1	3019.8
2	1510	471	0.	.1	3019.8	4	22451138	0.	.1	3019.8	7	06201805	0.	.1	3019.8
2	1515	472	0.	.1	3019.8	4	22501139	0.	.1	3019.8	7	06251806	0.	.1	3019.8
2	1520	473	0.	.1	3019.8	4	22551140	0.	.1	3019.8	7	06301807	0.	.1	3019.8
2	1525	474	0.	.1	3019.8	4	23001141	0.	.1	3019.8	7	06351808	0.	.1	3019.8
2	1530	475	0.	.1	3019.8	4	23051142	0.	.1	3019.8	7	06401809	0.	.1	3019.8
2	1535	476	0.	.1	3019.8	4	23101143	0.	.1	3019.8	7	06451810	0.	.1	3019.8
2	1540	477	0.	.1	3019.8	4	23151144	0.	.1	3019.8	7	06501811	0.	.1	3019.8
2	1545	478	0.	.1	3019.8	4	23201145	0.	.1	3019.8	7	06551812	0.	.1	3019.8
2	1550	479	0.	.1	3019.8	4	23251146	0.	.1	3019.8	7	07001813	0.	.1	3019.8
2	1555	480	0.	.1	3019.8	4	23301147	0.	.1	3019.8	7	07051814	0.	.1	3019.8
2	1600	481	0.	.1	3019.8	4	23351148	0.	.1	3019.8	7	07101815	0.	.1	3019.8
2	1605	482	0.	.1	3019.8	4	23401149	0.	.1	3019.8	7	07151816	0.	.1	3019.8
2	1610	483	0.	.1	3019.8	4	23451150	0.	.1	3019.8	7	07201817	0.	.1	3019.8
2	1615	484	0.	.1	3019.8	4	23501151	0.	.1	3019.8	7	07251818	0.	.1	3019.8
2	1620	485	0.	.1	3019.8	4	23551152	0.	.1	3019.8	7	07301819	0.	.1	3019.8
2	1625	486	0.	.1	3019.8	5	00001153	0.	.1	3019.8	7	07351820	0.	.1	3019.8
2	1630	487	0.	.1	3019.8	5	00051154	0.	.1	3019.8	7	07401821	0.	.1	3019.8
2	1635	488	0.	.1	3019.8	5	00101155	0.	.1	3019.8	7	07451822	0.	.1	3019.8
2	1640	489	0.	.1	3019.8	5	00151156	0.	.1	3019.8	7	07501823	0.	.1	3019.8
2	1645	490	0.	.1	3019.8	5	00201157	0.	.1	3019.8	7	07551824	0.	.1	3019.8
2	1650	491	0.	.1	3019.8	5	00251158	0.	.1	3019.8	7	08001825	0.	.1	3019.8
2	1655	492	0.	.1	3019.8	5	00301159	0.	.1	3019.8	7	08051826	0.	.1	3019.8
2	1700	493	0.	.1	3019.8	5	00351160	0.	.1	3019.8	7	08101827	0.	.1	3019.8
2	1705	494	0.	.1	3019.8	5	00401161	0.	.1	3019.8	7	08151828	0.	.1	3019.8
2	1710	495	0.	.1	3019.8	5	00451162	0.	.1	3019.8	7	08201829	0.	.1	3019.8
2	1715	496	0.	.1	3019.8	5	00501163	0.	.1	3019.8	7	08251830	0.	.1	3019.8
2	1720	497	0.	.1	3019.8	5	00551164	0.	.1	3019.8	7	08301831	0.	.1	3019.8
2	1725	498	0.	.1	3019.8	5	01001165	0.	.1	3019.8	7	08351832	0.	.1	3019.8
2	1730	499	0.	.1	3019.8	5	01051166	0.	.1	3019.8	7	08401833	0.	.1	3019.8
2	1735	500	0.	.1	3019.8	5	01101167	0.	.1	3019.8	7	08451834	0.	.1	3019.8
2	1740	501	0.	.1	3019.8	5	01151168	0.	.1	3019.8	7	08501835	0.	.1	3019.8

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2	1745	502	0.	.1	3019.8	* 5	01201169	0.	.1	3019.8	* 7	08551836	0.	.1	3019.8
2	1750	503	0.	.1	3019.8	* 5	01251170	0.	.1	3019.8	* 7	09001837	0.	.1	3019.8
2	1755	504	0.	.1	3019.8	* 5	01301171	0.	.1	3019.8	* 7	09051838	0.	.1	3019.8
2	1800	505	0.	.1	3019.8	* 5	01351172	0.	.1	3019.8	* 7	09101839	0.	.1	3019.8
2	1805	506	0.	.1	3019.8	* 5	01401173	0.	.1	3019.8	* 7	09151840	0.	.1	3019.8
2	1810	507	0.	.1	3019.8	* 5	01451174	0.	.1	3019.8	* 7	09201841	0.	.1	3019.8
2	1815	508	0.	.1	3019.8	* 5	01501175	0.	.1	3019.8	* 7	09251842	0.	.1	3019.8
2	1820	509	0.	.1	3019.8	* 5	01551176	0.	.1	3019.8	* 7	09301843	0.	.1	3019.8
2	1825	510	0.	.1	3019.8	* 5	02001177	0.	.1	3019.8	* 7	09351844	0.	.1	3019.8
2	1830	511	0.	.1	3019.8	* 5	02051178	0.	.1	3019.8	* 7	09401845	0.	.1	3019.8
2	1835	512	0.	.1	3019.8	* 5	02101179	0.	.1	3019.8	* 7	09451846	0.	.1	3019.8
2	1840	513	0.	.1	3019.8	* 5	02151180	0.	.1	3019.8	* 7	09501847	0.	.1	3019.8
2	1845	514	0.	.1	3019.8	* 5	02201181	0.	.1	3019.8	* 7	09551848	0.	.1	3019.8
2	1850	515	0.	.1	3019.8	* 5	02251182	0.	.1	3019.8	* 7	10001849	0.	.1	3019.8
2	1855	516	0.	.1	3019.8	* 5	02301183	0.	.1	3019.8	* 7	10051850	0.	.1	3019.8
2	1900	517	0.	.1	3019.8	* 5	02351184	0.	.1	3019.8	* 7	10101851	0.	.1	3019.8
2	1905	518	0.	.1	3019.8	* 5	02401185	0.	.1	3019.8	* 7	10151852	0.	.1	3019.8
2	1910	519	0.	.1	3019.8	* 5	02451186	0.	.1	3019.8	* 7	10201853	0.	.1	3019.8
2	1915	520	0.	.1	3019.8	* 5	02501187	0.	.1	3019.8	* 7	10251854	0.	.1	3019.8
2	1920	521	0.	.1	3019.8	* 5	02551188	0.	.1	3019.8	* 7	10301855	0.	.1	3019.8
2	1925	522	0.	.1	3019.8	* 5	03001189	0.	.1	3019.8	* 7	10351856	0.	.1	3019.8
2	1930	523	0.	.1	3019.8	* 5	03051190	0.	.1	3019.8	* 7	10401857	0.	.1	3019.8
2	1935	524	0.	.1	3019.8	* 5	03101191	0.	.1	3019.8	* 7	10451858	0.	.1	3019.8
2	1940	525	0.	.1	3019.8	* 5	03151192	0.	.1	3019.8	* 7	10501859	0.	.1	3019.8
2	1945	526	0.	.1	3019.8	* 5	03201193	0.	.1	3019.8	* 7	10551860	0.	.1	3019.8
2	1950	527	0.	.1	3019.8	* 5	03251194	0.	.1	3019.8	* 7	11001861	0.	.1	3019.8
2	1955	528	0.	.1	3019.8	* 5	03301195	0.	.1	3019.8	* 7	11051862	0.	.1	3019.8
2	2000	529	0.	.1	3019.8	* 5	03351196	0.	.1	3019.8	* 7	11101863	0.	.1	3019.8
2	2005	530	0.	.1	3019.8	* 5	03401197	0.	.1	3019.8	* 7	11151864	0.	.1	3019.8
2	2010	531	0.	.1	3019.8	* 5	03451198	0.	.1	3019.8	* 7	11201865	0.	.1	3019.8
2	2015	532	0.	.1	3019.8	* 5	03501199	0.	.1	3019.8	* 7	11251866	0.	.1	3019.8
2	2020	533	0.	.1	3019.8	* 5	03551200	0.	.1	3019.8	* 7	11301867	0.	.1	3019.8
2	2025	534	0.	.1	3019.8	* 5	04001201	0.	.1	3019.8	* 7	11351868	0.	.1	3019.8
2	2030	535	0.	.1	3019.8	* 5	04051202	0.	.1	3019.8	* 7	11401869	0.	.1	3019.8
2	2035	536	0.	.1	3019.8	* 5	04101203	0.	.1	3019.8	* 7	11451870	0.	.1	3019.8
2	2040	537	0.	.1	3019.8	* 5	04151204	0.	.1	3019.8	* 7	11501871	0.	.1	3019.8
2	2045	538	0.	.1	3019.8	* 5	04201205	0.	.1	3019.8	* 7	11551872	0.	.1	3019.8
2	2050	539	0.	.1	3019.8	* 5	04251206	0.	.1	3019.8	* 7	12001873	0.	.1	3019.8
2	2055	540	0.	.1	3019.8	* 5	04301207	0.	.1	3019.8	* 7	12051874	0.	.1	3019.8
2	2100	541	0.	.1	3019.8	* 5	04351208	0.	.1	3019.8	* 7	12101875	0.	.1	3019.8
2	2105	542	0.	.1	3019.8	* 5	04401209	0.	.1	3019.8	* 7	12151876	0.	.1	3019.8
2	2110	543	0.	.1	3019.8	* 5	04451210	0.	.1	3019.8	* 7	12201877	0.	.1	3019.8
2	2115	544	0.	.1	3019.8	* 5	04501211	0.	.1	3019.8	* 7	12251878	0.	.1	3019.8
2	2120	545	0.	.1	3019.8	* 5	04551212	0.	.1	3019.8	* 7	12301879	0.	.1	3019.8
2	2125	546	0.	.1	3019.8	* 5	05001213	0.	.1	3019.8	* 7	12351880	0.	.1	3019.8
2	2130	547	0.	.1	3019.8	* 5	05051214	0.	.1	3019.8	* 7	12401881	0.	.1	3019.8
2	2135	548	0.	.1	3019.8	* 5	05101215	0.	.1	3019.8	* 7	12451882	0.	.1	3019.8
2	2140	549	0.	.1	3019.8	* 5	05151216	0.	.1	3019.8	* 7	12501883	0.	.1	3019.8
2	2145	550	0.	.1	3019.8	* 5	05201217	0.	.1	3019.8	* 7	12551884	0.	.1	3019.8
2	2150	551	0.	.1	3019.8	* 5	05251218	0.	.1	3019.8	* 7	13001885	0.	.1	3019.8
2	2155	552	0.	.1	3019.8	* 5	05301219	0.	.1	3019.8	* 7	13051886	0.	.1	3019.8
2	2200	553	0.	.1	3019.8	* 5	05351220	0.	.1	3019.8	* 7	13101887	0.	.1	3019.8
2	2205	554	0.	.1	3019.8	* 5	05401221	0.	.1	3019.8	* 7	13151888	0.	.1	3019.8
2	2210	555	0.	.1	3019.8	* 5	05451222	0.	.1	3019.8	* 7	13201889	0.	.1	3019.8
2	2215	556	0.	.1	3019.8	* 5	05501223	0.	.1	3019.8	* 7	13251890	0.	.1	3019.8
2	2220	557	0.	.1	3019.8	* 5	05551224	0.	.1	3019.8	* 7	13301891	0.	.1	3019.8
2	2225	558	0.	.1	3019.8	* 5	06001225	0.	.1	3019.8	* 7	13351892	0.	.1	3019.8
2	2230	559	0.	.1	3019.8	* 5	06051226	0.	.1	3019.8	* 7	13401893	0.	.1	3019.8
2	2235	560	0.	.1	3019.8	* 5	06101227	0.	.1	3019.8	* 7	13451894	0.	.1	3019.8
2	2240	561	0.	.1	3019.8	* 5	06151228	0.	.1	3019.8	* 7	13501895	0.	.1	3019.8
2	2245	562	0.	.1	3019.8	* 5	06201229	0.	.1	3019.8	* 7	13551896	0.	.1	3019.8
2	2250	563	0.	.1	3019.8	* 5	06251230	0.	.1	3019.8	* 7	14001897	0.	.1	3019.8
2	2255	564	0.	.1	3019.8	* 5	06301231	0.	.1	3019.8	* 7	14051898	0.	.1	3019.8
2	2300	565	0.	.1	3019.8	* 5	06351232	0.	.1	3019.8	* 7	14101899	0.	.1	3019.8
2	2305	566	0.	.1	3019.8	* 5	06401233	0.	.1	3019.8	* 7	14151900	0.	.1	3019.8
2	2310	567	0.	.1	3019.8	* 5	06451234	0.	.1	3019.8	* 7	14201901	0.	.1	3019.8
2	2315	568	0.	.1	3019.8	* 5	06501235	0.	.1	3019.8	* 7	14251902	0.	.1	3019.8
2	2320	569	0.	.1	3019.8	* 5	06551236	0.	.1	3019.8	* 7	14301903	0.	.1	3019.8
2	2325	570	0.	.1	3019.8	* 5	07001237	0.	.1	3019.8	* 7	14351904	0.	.1	3019.8
2	2330	571	0.	.1	3019.8	* 5	07051238	0.	.1	3019.8	* 7	14401905	0.	.1	3019.8
2	2335	572	0.	.1	3019.8	* 5	07101239	0.	.1	3019.8	* 7	14451906	0.	.1	3019.8
2	2340	573	0.	.1	3019.8	* 5	07151240	0.	.1	3019.8	* 7	14501907	0.	.1	3019.8
2	2345	574	0.	.1	3019.8	* 5	07201241	0.	.1	3019.8	* 7	14551908	0.	.1	3019.8
2	2350	575	0.	.1	3019.8	* 5	07251242	0.	.1	3019.8	* 7	15001909	0.	.1	3019.8
2	2355	576	0.	.1	3019.8	* 5	07301243	0.	.1	3019.8	* 7	15051910	0.	.1	3019.8
3	0000	577	0.	.1	3019.8	* 5	07351244	0.	.1	3019.8	* 7	15101911	0.	.1	3019.8
3	0005	578	0.	.1	3019.8	* 5	07401245	0.	.1	3019.8	* 7	15151912	0.	.1	3019.8
3	0010	579	0.	.1	3019.8	* 5	07451246	0.	.1	3019.8	* 7	15201913	0.	.1	3019.8
3	0015	580	0.	.1	3019.8	* 5	07501247	0.	.1	3019.8	* 7	15251914	0.	.1	3019.8
3	0020	581	0.	.1	3019.8	* 5	07551248	0.	.1	3019.8	* 7	15301915	0.	.1	3019.8
3	0025	582	0.	.1	3019.8	* 5	08001249	0.	.1	3019.8	* 7	15351916	0.	.1	3019.8
3	0030	583	0.	.1	3019.8	* 5	08051250	0.	.1	3019.8	* 7	15401917	0.	.1	3019.8
3	0035	584	0.	.1	3019.8	* 5	08101251	0.	.1	3019.8	* 7	15451918	0.	.1	3019.8
3	0040	585	0.	.1	3019.8	* 5	08151252	0.	.1	3019.8	* 7	15501919	0.	.1	3019.8
3	0045	586	0.	.1	3019.8	* 5	08201253	0.	.1	3019.8	* 7	15551920	0.	.1	3019.8
3	0050	587	0.	.1	3019.8	* 5	08251254	0.	.1	3019.8	* 7	16001921	0.	.1	3019.8
3	0055	588	0.	.1	3019.8	* 5	08301255	0.	.1	3019.8	* 7	16051922	0.	.1	3019.8
3	0100	589	0.	.1	3019.8	* 5	08351256	0.	.1	3019.8	* 7	16101923	0.	.1	3019.8
3	0105	590	0.	.1	3019.8	* 5	08401257	0.	.1	3019.8	* 7	16151924	0.	.1	3019.8

										ULT						
3	0110	591	0.	.1	3019.8 *	5	08451258	0.	.1	3019.8 *	7	16201925	0.	.1	3019.8
3	0115	592	0.	.1	3019.8 *	5	08501259	0.	.1	3019.8 *	7	16251926	0.	.1	3019.8
3	0120	593	0.	.1	3019.8 *	5	08551260	0.	.1	3019.8 *	7	16301927	0.	.1	3019.8
3	0125	594	0.	.1	3019.8 *	5	09001261	0.	.1	3019.8 *	7	16351928	0.	.1	3019.8
3	0130	595	0.	.1	3019.8 *	5	09051262	0.	.1	3019.8 *	7	16401929	0.	.1	3019.8
3	0135	596	0.	.1	3019.8 *	5	09101263	0.	.1	3019.8 *	7	16451930	0.	.1	3019.8
3	0140	597	0.	.1	3019.8 *	5	09151264	0.	.1	3019.8 *	7	16501931	0.	.1	3019.8
3	0145	598	0.	.1	3019.8 *	5	09201265	0.	.1	3019.8 *	7	16551932	0.	.1	3019.8
3	0150	599	0.	.1	3019.8 *	5	09251266	0.	.1	3019.8 *	7	17001933	0.	.1	3019.8
3	0155	600	0.	.1	3019.8 *	5	09301267	0.	.1	3019.8 *	7	17051934	0.	.1	3019.8
3	0200	601	0.	.1	3019.8 *	5	09351268	0.	.1	3019.8 *	7	17101935	0.	.1	3019.8
3	0205	602	0.	.1	3019.8 *	5	09401269	0.	.1	3019.8 *	7	17151936	0.	.1	3019.8
3	0210	603	0.	.1	3019.8 *	5	09451270	0.	.1	3019.8 *	7	17201937	0.	.1	3019.8
3	0215	604	0.	.1	3019.8 *	5	09501271	0.	.1	3019.8 *	7	17251938	0.	.1	3019.8
3	0220	605	0.	.1	3019.8 *	5	09551272	0.	.1	3019.8 *	7	17301939	0.	.1	3019.8
3	0225	606	0.	.1	3019.8 *	5	10001273	0.	.1	3019.8 *	7	17351940	0.	.1	3019.8
3	0230	607	0.	.1	3019.8 *	5	10051274	0.	.1	3019.8 *	7	17401941	0.	.1	3019.8
3	0235	608	0.	.1	3019.8 *	5	10101275	0.	.1	3019.8 *	7	17451942	0.	.1	3019.8
3	0240	609	0.	.1	3019.8 *	5	10151276	0.	.1	3019.8 *	7	17501943	0.	.1	3019.8
3	0245	610	0.	.1	3019.8 *	5	10201277	0.	.1	3019.8 *	7	17551944	0.	.1	3019.8
3	0250	611	0.	.1	3019.8 *	5	10251278	0.	.1	3019.8 *	7	18001945	0.	.1	3019.8
3	0255	612	0.	.1	3019.8 *	5	10301279	0.	.1	3019.8 *	7	18051946	0.	.1	3019.8
3	0300	613	0.	.1	3019.8 *	5	10351280	0.	.1	3019.8 *	7	18101947	0.	.1	3019.8
3	0305	614	0.	.1	3019.8 *	5	10401281	0.	.1	3019.8 *	7	18151948	0.	.1	3019.8
3	0310	615	0.	.1	3019.8 *	5	10451282	0.	.1	3019.8 *	7	18201949	0.	.1	3019.8
3	0315	616	0.	.1	3019.8 *	5	10501283	0.	.1	3019.8 *	7	18251950	0.	.1	3019.8
3	0320	617	0.	.1	3019.8 *	5	10551284	0.	.1	3019.8 *	7	18301951	0.	.1	3019.8
3	0325	618	0.	.1	3019.8 *	5	11001285	0.	.1	3019.8 *	7	18351952	0.	.1	3019.8
3	0330	619	0.	.1	3019.8 *	5	11051286	0.	.1	3019.8 *	7	18401953	0.	.1	3019.8
3	0335	620	0.	.1	3019.8 *	5	11101287	0.	.1	3019.8 *	7	18451954	0.	.1	3019.8
3	0340	621	0.	.1	3019.8 *	5	11151288	0.	.1	3019.8 *	7	18501955	0.	.1	3019.8
3	0345	622	0.	.1	3019.8 *	5	11201289	0.	.1	3019.8 *	7	18551956	0.	.1	3019.8
3	0350	623	0.	.1	3019.8 *	5	11251290	0.	.1	3019.8 *	7	19001957	0.	.1	3019.8
3	0355	624	0.	.1	3019.8 *	5	11301291	0.	.1	3019.8 *	7	19051958	0.	.1	3019.8
3	0400	625	0.	.1	3019.8 *	5	11351292	0.	.1	3019.8 *	7	19101959	0.	.1	3019.8
3	0405	626	0.	.1	3019.8 *	5	11401293	0.	.1	3019.8 *	7	19151960	0.	.1	3019.8
3	0410	627	0.	.1	3019.8 *	5	11451294	0.	.1	3019.8 *	7	19201961	0.	.1	3019.8
3	0415	628	0.	.1	3019.8 *	5	11501295	0.	.1	3019.8 *	7	19251962	0.	.1	3019.8
3	0420	629	0.	.1	3019.8 *	5	11551296	0.	.1	3019.8 *	7	19301963	0.	.1	3019.8
3	0425	630	0.	.1	3019.8 *	5	12001297	0.	.1	3019.8 *	7	19351964	0.	.1	3019.8
3	0430	631	0.	.1	3019.8 *	5	12051298	0.	.1	3019.8 *	7	19401965	0.	.1	3019.8
3	0435	632	0.	.1	3019.8 *	5	12101299	0.	.1	3019.8 *	7	19451966	0.	.1	3019.8
3	0440	633	0.	.1	3019.8 *	5	12151300	0.	.1	3019.8 *	7	19501967	0.	.1	3019.8
3	0445	634	0.	.1	3019.8 *	5	12201301	0.	.1	3019.8 *	7	19551968	0.	.1	3019.8
3	0450	635	0.	.1	3019.8 *	5	12251302	0.	.1	3019.8 *	7	20001969	0.	.1	3019.8
3	0455	636	0.	.1	3019.8 *	5	12301303	0.	.1	3019.8 *	7	20051970	0.	.1	3019.8
3	0500	637	0.	.1	3019.8 *	5	12351304	0.	.1	3019.8 *	7	20101971	0.	.1	3019.8
3	0505	638	0.	.1	3019.8 *	5	12401305	0.	.1	3019.8 *	7	20151972	0.	.1	3019.8
3	0510	639	0.	.1	3019.8 *	5	12451306	0.	.1	3019.8 *	7	20201973	0.	.1	3019.8
3	0515	640	0.	.1	3019.8 *	5	12501307	0.	.1	3019.8 *	7	20251974	0.	.1	3019.8
3	0520	641	0.	.1	3019.8 *	5	12551308	0.	.1	3019.8 *	7	20301975	0.	.1	3019.8
3	0525	642	0.	.1	3019.8 *	5	13001309	0.	.1	3019.8 *	7	20351976	0.	.1	3019.8
3	0530	643	0.	.1	3019.8 *	5	13051310	0.	.1	3019.8 *	7	20401977	0.	.1	3019.8
3	0535	644	0.	.1	3019.8 *	5	13101311	0.	.1	3019.8 *	7	20451978	0.	.1	3019.8
3	0540	645	0.	.1	3019.8 *	5	13151312	0.	.1	3019.8 *	7	20501979	0.	.1	3019.8
3	0545	646	0.	.1	3019.8 *	5	13201313	0.	.1	3019.8 *	7	20551980	0.	.1	3019.8
3	0550	647	0.	.1	3019.8 *	5	13251314	0.	.1	3019.8 *	7	21001981	0.	.1	3019.8
3	0555	648	0.	.1	3019.8 *	5	13301315	0.	.1	3019.8 *	7	21051982	0.	.1	3019.8
3	0600	649	0.	.1	3019.8 *	5	13351316	0.	.1	3019.8 *	7	21101983	0.	.1	3019.8
3	0605	650	0.	.1	3019.8 *	5	13401317	0.	.1	3019.8 *	7	21151984	0.	.1	3019.8
3	0610	651	0.	.1	3019.8 *	5	13451318	0.	.1	3019.8 *	7	21201985	0.	.1	3019.8
3	0615	652	0.	.1	3019.8 *	5	13501319	0.	.1	3019.8 *	7	21251986	0.	.1	3019.8
3	0620	653	0.	.1	3019.8 *	5	13551320	0.	.1	3019.8 *	7	21301987	0.	.1	3019.8
3	0625	654	0.	.1	3019.8 *	5	14001321	0.	.1	3019.8 *	7	21351988	0.	.1	3019.8
3	0630	655	0.	.1	3019.8 *	5	14051322	0.	.1	3019.8 *	7	21401989	0.	.1	3019.8
3	0635	656	0.	.1	3019.8 *	5	14101323	0.	.1	3019.8 *	7	21451990	0.	.1	3019.8
3	0640	657	0.	.1	3019.8 *	5	14151324	0.	.1	3019.8 *	7	21501991	0.	.1	3019.8
3	0645	658	0.	.1	3019.8 *	5	14201325	0.	.1	3019.8 *	7	21551992	0.	.1	3019.8
3	0650	659	0.	.1	3019.8 *	5	14251326	0.	.1	3019.8 *	7	22001993	0.	.1	3019.8
3	0655	660	0.	.1	3019.8 *	5	14301327	0.	.1	3019.8 *	7	22051994	0.	.1	3019.8
3	0700	661	0.	.1	3019.8 *	5	14351328	0.	.1	3019.8 *	7	22101995	0.	.1	3019.8
3	0705	662	0.	.1	3019.8 *	5	14401329	0.	.1	3019.8 *	7	22151996	0.	.1	3019.8
3	0710	663	0.	.1	3019.8 *	5	14451330	0.	.1	3019.8 *	7	22201997	0.	.1	3019.8
3	0715	664	0.	.1	3019.8 *	5	14501331	0.	.1	3019.8 *	7	22251998	0.	.1	3019.8
3	0720	665	0.	.1	3019.8 *	5	14551332	0.	.1	3019.8 *	7	22301999	0.	.1	3019.8
3	0725	666	0.	.1	3019.8 *	5	15001333	0.	.1	3019.8 *	7	22352000	0.	.1	3019.8
3	0730	667	0.	.1	3019.8 *	5	15051334	0.	.1	3019.8 *					
					*					*					

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 69.	5.50		66.	36.	12.	5.
		(INCHES)	.694	1.507	1.507	1.507
		(AC-FT)	33.	71.	71.	71.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE

| | | |

												ULT							
1	0540	69	68.	49.8	3033.8	*	3	1315	736	0.	.1	3017.5	*	5	20501403	0.	.1	3017.5	
1	0545	70	68.	49.6	3033.7	*	3	1320	737	0.	.1	3017.5	*	5	20551404	0.	.1	3017.5	
1	0550	71	68.	49.4	3033.7	*	3	1325	738	0.	.1	3017.5	*	5	21001405	0.	.1	3017.5	
1	0555	72	68.	49.2	3033.7	*	3	1330	739	0.	.1	3017.5	*	5	21051406	0.	.1	3017.5	
1	0600	73	68.	48.9	3033.6	*	3	1335	740	0.	.1	3017.5	*	5	21101407	0.	.1	3017.5	
1	0605	74	68.	48.6	3033.6	*	3	1340	741	0.	.1	3017.5	*	5	21151408	0.	.1	3017.5	
1	0610	75	68.	48.3	3033.5	*	3	1345	742	0.	.1	3017.5	*	5	21201409	0.	.1	3017.5	
1	0615	76	68.	47.9	3033.5	*	3	1350	743	0.	.1	3017.5	*	5	21251410	0.	.1	3017.5	
1	0620	77	68.	47.6	3033.4	*	3	1355	744	0.	.1	3017.5	*	5	21301411	0.	.1	3017.5	
1	0625	78	67.	47.2	3033.4	*	3	1400	745	0.	.1	3017.5	*	5	21351412	0.	.1	3017.5	
1	0630	79	67.	46.7	3033.3	*	3	1405	746	0.	.1	3017.5	*	5	21401413	0.	.1	3017.5	
1	0635	80	67.	46.3	3033.2	*	3	1410	747	0.	.1	3017.5	*	5	21451414	0.	.1	3017.5	
1	0640	81	67.	45.9	3033.2	*	3	1415	748	0.	.1	3017.5	*	5	21501415	0.	.1	3017.5	
1	0645	82	67.	45.4	3033.1	*	3	1420	749	0.	.1	3017.5	*	5	21551416	0.	.1	3017.5	
1	0650	83	67.	45.0	3033.0	*	3	1425	750	0.	.1	3017.5	*	5	22001417	0.	.1	3017.5	
1	0655	84	67.	44.5	3033.0	*	3	1430	751	0.	.1	3017.5	*	5	22051418	0.	.1	3017.5	
1	0700	85	66.	44.1	3032.9	*	3	1435	752	0.	.1	3017.5	*	5	22101419	0.	.1	3017.5	
1	0705	86	66.	43.6	3032.8	*	3	1440	753	0.	.1	3017.5	*	5	22151420	0.	.1	3017.5	
1	0710	87	66.	43.2	3032.8	*	3	1445	754	0.	.1	3017.5	*	5	22201421	0.	.1	3017.5	
1	0715	88	66.	42.7	3032.7	*	3	1450	755	0.	.1	3017.5	*	5	22251422	0.	.1	3017.5	
1	0720	89	66.	42.3	3032.6	*	3	1455	756	0.	.1	3017.5	*	5	22301423	0.	.1	3017.5	
1	0725	90	66.	41.8	3032.5	*	3	1500	757	0.	.1	3017.5	*	5	22351424	0.	.1	3017.5	
1	0730	91	66.	41.4	3032.5	*	3	1505	758	0.	.1	3017.5	*	5	22401425	0.	.1	3017.5	
1	0735	92	66.	40.9	3032.4	*	3	1510	759	0.	.1	3017.5	*	5	22451426	0.	.1	3017.5	
1	0740	93	65.	40.5	3032.3	*	3	1515	760	0.	.1	3017.5	*	5	22501427	0.	.1	3017.5	
1	0745	94	65.	40.0	3032.3	*	3	1520	761	0.	.1	3017.5	*	5	22551428	0.	.1	3017.5	
1	0750	95	65.	39.6	3032.2	*	3	1525	762	0.	.1	3017.5	*	5	23001429	0.	.1	3017.5	
1	0755	96	65.	39.1	3032.1	*	3	1530	763	0.	.1	3017.5	*	5	23051430	0.	.1	3017.5	
1	0800	97	65.	38.7	3032.1	*	3	1535	764	0.	.1	3017.5	*	5	23101431	0.	.1	3017.5	
1	0805	98	65.	38.2	3032.0	*	3	1540	765	0.	.1	3017.5	*	5	23151432	0.	.1	3017.5	
1	0810	99	65.	37.8	3031.9	*	3	1545	766	0.	.1	3017.5	*	5	23201433	0.	.1	3017.5	
1	0815	100	64.	37.4	3031.9	*	3	1550	767	0.	.1	3017.5	*	5	23251434	0.	.1	3017.5	
1	0820	101	64.	36.9	3031.8	*	3	1555	768	0.	.1	3017.5	*	5	23301435	0.	.1	3017.5	
1	0825	102	64.	36.5	3031.7	*	3	1600	769	0.	.1	3017.5	*	5	23351436	0.	.1	3017.5	
1	0830	103	64.	36.0	3031.7	*	3	1605	770	0.	.1	3017.5	*	5	23401437	0.	.1	3017.5	
1	0835	104	64.	35.6	3031.6	*	3	1610	771	0.	.1	3017.5	*	5	23451438	0.	.1	3017.5	
1	0840	105	64.	35.1	3031.5	*	3	1615	772	0.	.1	3017.5	*	5	23501439	0.	.1	3017.5	
1	0845	106	64.	34.7	3031.5	*	3	1620	773	0.	.1	3017.5	*	5	23551440	0.	.1	3017.5	
1	0850	107	63.	34.3	3031.4	*	3	1625	774	0.	.1	3017.5	*	6	00001441	0.	.1	3017.5	
1	0855	108	63.	33.8	3031.3	*	3	1630	775	0.	.1	3017.5	*	6	00051442	0.	.1	3017.5	
1	0900	109	63.	33.4	3031.3	*	3	1635	776	0.	.1	3017.5	*	6	00101443	0.	.1	3017.5	
1	0905	110	63.	33.0	3031.2	*	3	1640	777	0.	.1	3017.5	*	6	00151444	0.	.1	3017.5	
1	0910	111	63.	32.5	3031.1	*	3	1645	778	0.	.1	3017.5	*	6	00201445	0.	.1	3017.5	
1	0915	112	63.	32.1	3031.1	*	3	1650	779	0.	.1	3017.5	*	6	00251446	0.	.1	3017.5	
1	0920	113	63.	31.7	3031.0	*	3	1655	780	0.	.1	3017.5	*	6	00301447	0.	.1	3017.5	
1	0925	114	62.	31.2	3030.9	*	3	1700	781	0.	.1	3017.5	*	6	00351448	0.	.1	3017.5	
1	0930	115	62.	30.8	3030.9	*	3	1705	782	0.	.1	3017.5	*	6	00401449	0.	.1	3017.5	
1	0935	116	62.	30.4	3030.8	*	3	1710	783	0.	.1	3017.5	*	6	00451450	0.	.1	3017.5	
1	0940	117	62.	29.9	3030.7	*	3	1715	784	0.	.1	3017.5	*	6	00501451	0.	.1	3017.5	
1	0945	118	62.	29.5	3030.7	*	3	1720	785	0.	.1	3017.5	*	6	00551452	0.	.1	3017.5	
1	0950	119	62.	29.1	3030.6	*	3	1725	786	0.	.1	3017.5	*	6	01001453	0.	.1	3017.5	
1	0955	120	62.	28.7	3030.5	*	3	1730	787	0.	.1	3017.5	*	6	01051454	0.	.1	3017.5	
1	1000	121	62.	28.2	3030.5	*	3	1735	788	0.	.1	3017.5	*	6	01101455	0.	.1	3017.5	
1	1005	122	61.	27.8	3030.4	*	3	1740	789	0.	.1	3017.5	*	6	01151456	0.	.1	3017.5	
1	1010	123	61.	27.4	3030.3	*	3	1745	790	0.	.1	3017.5	*	6	01201457	0.	.1	3017.5	
1	1015	124	61.	27.0	3030.3	*	3	1750	791	0.	.1	3017.5	*	6	01251458	0.	.1	3017.5	
1	1020	125	61.	26.6	3030.2	*	3	1755	792	0.	.1	3017.5	*	6	01301459	0.	.1	3017.5	
1	1025	126	61.	26.1	3030.1	*	3	1800	793	0.	.1	3017.5	*	6	01351460	0.	.1	3017.5	
1	1030	127	61.	25.7	3030.1	*	3	1805	794	0.	.1	3017.5	*	6	01401461	0.	.1	3017.5	
1	1035	128	61.	25.3	3030.0	*	3	1810	795	0.	.1	3017.5	*	6	01451462	0.	.1	3017.5	
1	1040	129	60.	24.9	3030.0	*	3	1815	796	0.	.1	3017.5	*	6	01501463	0.	.1	3017.5	
1	1045	130	60.	24.5	3029.9	*	3	1820	797	0.	.1	3017.5	*	6	01551464	0.	.1	3017.5	
1	1050	131	60.	24.1	3029.8	*	3	1825	798	0.	.1	3017.5	*	6	02001465	0.	.1	3017.5	
1	1055	132	60.	23.6	3029.7	*	3	1830	799	0.	.1	3017.5	*	6	02051466	0.	.1	3017.5	
1	1100	133	60.	23.2	3029.7	*	3	1835	800	0.	.1	3017.5	*	6	02101467	0.	.1	3017.5	
1	1105	134	60.	22.8	3029.6	*	3	1840	801	0.	.1	3017.5	*	6	02151468	0.	.1	3017.5	
1	1110	135	59.	22.4	3029.5	*	3	1845	802	0.	.1	3017.5	*	6	02201469	0.	.1	3017.5	
1	1115	136	59.	22.0	3029.5	*	3	1850	803	0.	.1	3017.5	*	6	02251470	0.	.1	3017.5	
1	1120	137	59.	21.6	3029.4	*	3	1855	804	0.	.1	3017.5	*	6	02301471	0.	.1	3017.5	
1	1125	138	59.	21.2	3029.3	*	3	1900	805	0.	.1	3017.5	*	6	02351472	0.	.1	3017.5	
1	1130	139	59.	20.8	3029.3	*	3	1905	806	0.	.1	3017.5	*	6	02401473	0.	.1	3017.5	
1	1135	140	59.	20.4	3029.2	*	3	1910	807	0.	.1	3017.5	*	6	02451474	0.	.1	3017.5	
1	1140	141	58.	20.0	3029.1	*	3	1915	808	0.	.1	3017.5	*	6	02501475	0.	.1	3017.5	
1	1145	142	58.	19.6	3029.1	*	3	1920	809	0.	.1	3017.5	*	6	02551476	0.	.1	3017.5	
1	1150	143	58.	19.2	3029.0	*	3	1925	810	0.	.1	3017.5	*	6	03001477	0.	.1	3017.5	
1	1155	144	58.	18.8	3028.9	*	3	1930	811	0.	.1	3017.5	*	6	03051478	0.	.1	3017.5	
1	1200	145	58.	18.4	3028.9	*	3	1935	812	0.	.1	3017.5	*	6	03101479	0.	.1	3017.5	
1	1205	146	58.	18.0	3028.8	*	3	1940	813	0.	.1	3017.5	*	6	03151480	0.	.1	3017.5	
1	1210	147	57.	17.6	3028.7	*	3	1945	814	0.	.1	3017.5	*	6	03201481	0.	.1	3017.5	
1	1215	148	57.	17.2	3028.7	*	3	1950	815	0.	.1	3017.5	*	6	03251482	0.	.1	3017.5	
1	1220	149	57.	16.8	3028.6	*	3	1955	816	0.	.1	3017.5	*	6	03301483	0.	.1	3017.5	
1	1225	150	57.	16.4	3028.5	*	3	2000	817	0.	.1	3017.5	*	6	03351484	0.	.1	3017.5	
1	1230	151	57.	16.0	3028.5	*	3	2005	818	0.	.1	3017.5	*	6	03401485	0.	.1	3017.5	
1	1235	152	57.	15.6	3028.4	*	3	2010	819	0.	.1	3017.5	*	6	03451486	0.	.1	3017.5	
1	1240	153	56.	15.2	3028.3	*	3	2015	820	0.	.1	3017.5	*	6	03501487	0.	.1	3017.5	
1	1245	154	56.	14.8	3028.3	*	3	2020	821	0.	.1	3017.5	*	6	03551488	0.	.1	3017.5	
1	1250	155	56.	14.4	3028.2	*	3	2025	822	0.	.1	3017.5	*	6	04001489	0.	.1	3017.5	
1	1255	156	56.	14.1	3028.1	*	3	2030	823	0.	.1	3017.5	*	6	04051490	0.	.1	3017.5	
1	1300	157	56.	13.7	3028.1	*	3	2035	824	0.	.1	3017.5	*	6	04101491	0.	.1	3017.5	

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1	1305	158	56.	13.3	3028.0	*	3	2040	825	0.	.1	3017.5	*	6	04151492	0.	.1	3017.5	
1	1310	159	55.	12.9	3027.9	*	3	2045	826	0.	.1	3017.5	*	6	04201493	0.	.1	3017.5	
1	1315	160	55.	12.5	3027.9	*	3	2050	827	0.	.1	3017.5	*	6	04251494	0.	.1	3017.5	
1	1320	161	55.	12.1	3027.8	*	3	2055	828	0.	.1	3017.5	*	6	04301495	0.	.1	3017.5	
1	1325	162	55.	11.8	3027.7	*	3	2100	829	0.	.1	3017.5	*	6	04351496	0.	.1	3017.5	
1	1330	163	55.	11.4	3027.7	*	3	2105	830	0.	.1	3017.5	*	6	04401497	0.	.1	3017.5	
1	1335	164	55.	11.0	3027.6	*	3	2110	831	0.	.1	3017.5	*	6	04451498	0.	.1	3017.5	
1	1340	165	55.	10.6	3027.5	*	3	2115	832	0.	.1	3017.5	*	6	04501499	0.	.1	3017.5	
1	1345	166	54.	10.3	3027.5	*	3	2120	833	0.	.1	3017.5	*	6	04551500	0.	.1	3017.5	
1	1350	167	54.	9.9	3027.4	*	3	2125	834	0.	.1	3017.5	*	6	05001501	0.	.1	3017.5	
1	1355	168	54.	9.5	3027.3	*	3	2130	835	0.	.1	3017.5	*	6	05051502	0.	.1	3017.5	
1	1400	169	54.	9.1	3027.3	*	3	2135	836	0.	.1	3017.5	*	6	05101503	0.	.1	3017.5	
1	1405	170	54.	8.8	3027.2	*	3	2140	837	0.	.1	3017.5	*	6	05151504	0.	.1	3017.5	
1	1410	171	54.	8.4	3027.1	*	3	2145	838	0.	.1	3017.5	*	6	05201505	0.	.1	3017.5	
1	1415	172	53.	8.0	3027.1	*	3	2150	839	0.	.1	3017.5	*	6	05251506	0.	.1	3017.5	
1	1420	173	53.	7.7	3027.0	*	3	2155	840	0.	.1	3017.5	*	6	05301507	0.	.1	3017.5	
1	1425	174	53.	7.3	3026.9	*	3	2200	841	0.	.1	3017.5	*	6	05351508	0.	.1	3017.5	
1	1430	175	53.	6.9	3026.9	*	3	2205	842	0.	.1	3017.5	*	6	05401509	0.	.1	3017.5	
1	1435	176	53.	6.6	3026.8	*	3	2210	843	0.	.1	3017.5	*	6	05451510	0.	.1	3017.5	
1	1440	177	53.	6.2	3026.7	*	3	2215	844	0.	.1	3017.5	*	6	05501511	0.	.1	3017.5	
1	1445	178	52.	5.8	3026.6	*	3	2220	845	0.	.1	3017.5	*	6	05551512	0.	.1	3017.5	
1	1450	179	52.	5.5	3026.6	*	3	2225	846	0.	.1	3017.5	*	6	06001513	0.	.1	3017.5	
1	1455	180	52.	5.1	3026.5	*	3	2230	847	0.	.1	3017.5	*	6	06051514	0.	.1	3017.5	
1	1500	181	52.	4.8	3026.4	*	3	2235	848	0.	.1	3017.5	*	6	06101515	0.	.1	3017.5	
1	1505	182	52.	4.4	3026.4	*	3	2240	849	0.	.1	3017.5	*	6	06151516	0.	.1	3017.5	
1	1510	183	51.	4.1	3026.3	*	3	2245	850	0.	.1	3017.5	*	6	06201517	0.	.1	3017.5	
1	1515	184	51.	3.7	3026.2	*	3	2250	851	0.	.1	3017.5	*	6	06251518	0.	.1	3017.5	
1	1520	185	51.	3.4	3026.2	*	3	2255	852	0.	.1	3017.5	*	6	06301519	0.	.1	3017.5	
1	1525	186	51.	3.0	3026.1	*	3	2300	853	0.	.1	3017.5	*	6	06351520	0.	.1	3017.5	
1	1530	187	51.	2.6	3026.0	*	3	2305	854	0.	.1	3017.5	*	6	06401521	0.	.1	3017.5	
1	1535	188	51.	2.3	3025.9	*	3	2310	855	0.	.1	3017.5	*	6	06451522	0.	.1	3017.5	
1	1540	189	50.	2.0	3025.9	*	3	2315	856	0.	.1	3017.5	*	6	06501523	0.	.1	3017.5	
1	1545	190	50.	1.6	3025.8	*	3	2320	857	0.	.1	3017.5	*	6	06551524	0.	.1	3017.5	
1	1550	191	50.	1.3	3025.7	*	3	2325	858	0.	.1	3017.5	*	6	07001525	0.	.1	3017.5	
1	1555	192	50.	.9	3025.7	*	3	2330	859	0.	.1	3017.5	*	6	07051526	0.	.1	3017.5	
1	1600	193	50.	.6	3025.6	*	3	2335	860	0.	.1	3017.5	*	6	07101527	0.	.1	3017.5	
1	1605	194	50.	.2	3025.5	*	3	2340	861	0.	.1	3017.5	*	6	07151528	0.	.1	3017.5	
1	1610	195	0.	.1	3017.5	*	3	2345	862	0.	.1	3017.5	*	6	07201529	0.	.1	3017.5	
1	1615	196	0.	.1	3017.5	*	3	2350	863	0.	.1	3017.5	*	6	07251530	0.	.1	3017.5	
1	1620	197	0.	.1	3017.5	*	3	2355	864	0.	.1	3017.5	*	6	07301531	0.	.1	3017.5	
1	1625	198	0.	.1	3017.5	*	4	0000	865	0.	.1	3017.5	*	6	07351532	0.	.1	3017.5	
1	1630	199	0.	.1	3017.5	*	4	0005	866	0.	.1	3017.5	*	6	07401533	0.	.1	3017.5	
1	1635	200	0.	.1	3017.5	*	4	0010	867	0.	.1	3017.5	*	6	07451534	0.	.1	3017.5	
1	1640	201	0.	.1	3017.5	*	4	0015	868	0.	.1	3017.5	*	6	07501535	0.	.1	3017.5	
1	1645	202	0.	.1	3017.5	*	4	0020	869	0.	.1	3017.5	*	6	07551536	0.	.1	3017.5	
1	1650	203	0.	.1	3017.5	*	4	0025	870	0.	.1	3017.5	*	6	08001537	0.	.1	3017.5	
1	1655	204	0.	.1	3017.5	*	4	0030	871	0.	.1	3017.5	*	6	08051538	0.	.1	3017.5	
1	1700	205	0.	.1	3017.5	*	4	0035	872	0.	.1	3017.5	*	6	08101539	0.	.1	3017.5	
1	1705	206	0.	.1	3017.5	*	4	0040	873	0.	.1	3017.5	*	6	08151540	0.	.1	3017.5	
1	1710	207	0.	.1	3017.5	*	4	0045	874	0.	.1	3017.5	*	6	08201541	0.	.1	3017.5	
1	1715	208	0.	.1	3017.5	*	4	0050	875	0.	.1	3017.5	*	6	08251542	0.	.1	3017.5	
1	1720	209	0.	.1	3017.5	*	4	0055	876	0.	.1	3017.5	*	6	08301543	0.	.1	3017.5	
1	1725	210	0.	.1	3017.5	*	4	0100	877	0.	.1	3017.5	*	6	08351544	0.	.1	3017.5	
1	1730	211	0.	.1	3017.5	*	4	0105	878	0.	.1	3017.5	*	6	08401545	0.	.1	3017.5	
1	1735	212	0.	.1	3017.5	*	4	0110	879	0.	.1	3017.5	*	6	08451546	0.	.1	3017.5	
1	1740	213	0.	.1	3017.5	*	4	0115	880	0.	.1	3017.5	*	6	08501547	0.	.1	3017.5	
1	1745	214	0.	.1	3017.5	*	4	0120	881	0.	.1	3017.5	*	6	08551548	0.	.1	3017.5	
1	1750	215	0.	.1	3017.5	*	4	0125	882	0.	.1	3017.5	*	6	09001549	0.	.1	3017.5	
1	1755	216	0.	.1	3017.5	*	4	0130	883	0.	.1	3017.5	*	6	09051550	0.	.1	3017.5	
1	1800	217	0.	.1	3017.5	*	4	0135	884	0.	.1	3017.5	*	6	09101551	0.	.1	3017.5	
1	1805	218	0.	.1	3017.5	*	4	0140	885	0.	.1	3017.5	*	6	09151552	0.	.1	3017.5	
1	1810	219	0.	.1	3017.5	*	4	0145	886	0.	.1	3017.5	*	6	09201553	0.	.1	3017.5	
1	1815	220	0.	.1	3017.5	*	4	0150	887	0.	.1	3017.5	*	6	09251554	0.	.1	3017.5	
1	1820	221	0.	.1	3017.5	*	4	0155	888	0.	.1	3017.5	*	6	09301555	0.	.1	3017.5	
1	1825	222	0.	.1	3017.5	*	4	0200	889	0.	.1	3017.5	*	6	09351556	0.	.1	3017.5	
1	1830	223	0.	.1	3017.5	*	4	0205	890	0.	.1	3017.5	*	6	09401557	0.	.1	3017.5	
1	1835	224	0.	.1	3017.5	*	4	0210	891	0.	.1	3017.5	*	6	09451558	0.	.1	3017.5	
1	1840	225	0.	.1	3017.5	*	4	0215	892	0.	.1	3017.5	*	6	09501559	0.	.1	3017.5	
1	1845	226	0.	.1	3017.5	*	4	0220	893	0.	.1	3017.5	*	6	09551560	0.	.1	3017.5	
1	1850	227	0.	.1	3017.5	*	4	0225	894	0.	.1	3017.5	*	6	10001561	0.	.1	3017.5	
1	1855	228	0.	.1	3017.5	*	4	0230	895	0.	.1	3017.5	*	6	10051562	0.	.1	3017.5	
1	1900	229	0.	.1	3017.5	*	4	0235	896	0.	.1	3017.5	*	6	10101563	0.	.1	3017.5	
1	1905	230	0.	.1	3017.5	*	4	0240	897	0.	.1	3017.5	*	6	10151564	0.	.1	3017.5	
1	1910	231	0.	.1	3017.5	*	4	0245	898	0.	.1	3017.5	*	6	10201565	0.	.1	3017.5	
1	1915	232	0.	.1	3017.5	*	4	0250	899	0.	.1	3017.5	*	6	10251566	0.	.1	3017.5	
1	1920	233	0.	.1	3017.5	*	4	0255	900	0.	.1	3017.5	*	6	10301567	0.	.1	3017.5	
1	1925	234	0.	.1	3017.5	*	4	0300	901	0.	.1	3017.5	*	6	10351568	0.	.1	3017.5	
1	1930	235	0.	.1	3017.5	*	4	0305	902	0.	.1	3017.5	*	6	10401569	0.	.1	3017.5	
1	1935	236	0.	.1	3017.5	*	4	0310	903	0.	.1	3017.5	*	6	10451570	0.	.1	3017.5	
1	1940	237	0.	.1	3017.5	*	4	0315	904	0.	.1	3017.5	*	6	10501571	0.	.1	3017.5	
1	1945	238	0.	.1	3017.5	*	4	0320	905	0.	.1	3017.5	*	6	10551572	0.	.1	3017.5	
1	1950	239	0.	.1	3017.5	*	4	0325	906	0.	.1	3017.5	*	6	11001573	0.	.1	3017.5	
1	1955	240	0.	.1	3017.5	*	4	0330	907	0.	.1	3017.5	*	6	11051574	0.	.1	3017.5	
1	2000	241	0.	.1	3017.5	*	4	0335	908	0.	.1	3017.5	*	6	11101575	0.	.1	3017.5	
1	2005	242	0.	.1	3017.5	*	4	0340	909	0.	.1	3017.5	*	6	11151576	0.	.1	3017.5	
1	2010	243	0.	.1	3017.5	*	4	0345	910	0.	.1	3017.5	*	6	11201577	0.	.1	3017.5	
1	2015	244	0.	.1	3017.5	*	4	0350	911	0.	.1	3017.5	*	6	11251578	0.	.1	3017.5	
1	2020	245	0.	.1	3017.5	*	4	0355	912	0.	.1	3017.5	*	6	11301579	0.	.1	3017.5	
1	2025	246	0.	.1	3017.5	*	4	0400	913	0.	.1	3017.5	*	6	11351580	0.	.1	3017.5	

												ULT							
1	2030	247	0.	.1	3017.5	*	4	0405	914	0.	.1	3017.5	*	6	11401581	0.	.1	3017.5	
1	2035	248	0.	.1	3017.5	*	4	0410	915	0.	.1	3017.5	*	6	11451582	0.	.1	3017.5	
1	2040	249	0.	.1	3017.5	*	4	0415	916	0.	.1	3017.5	*	6	11501583	0.	.1	3017.5	
1	2045	250	0.	.1	3017.5	*	4	0420	917	0.	.1	3017.5	*	6	11551584	0.	.1	3017.5	
1	2050	251	0.	.1	3017.5	*	4	0425	918	0.	.1	3017.5	*	6	12001585	0.	.1	3017.5	
1	2055	252	0.	.1	3017.5	*	4	0430	919	0.	.1	3017.5	*	6	12051586	0.	.1	3017.5	
1	2100	253	0.	.1	3017.5	*	4	0435	920	0.	.1	3017.5	*	6	12101587	0.	.1	3017.5	
1	2105	254	0.	.1	3017.5	*	4	0440	921	0.	.1	3017.5	*	6	12151588	0.	.1	3017.5	
1	2110	255	0.	.1	3017.5	*	4	0445	922	0.	.1	3017.5	*	6	12201589	0.	.1	3017.5	
1	2115	256	0.	.1	3017.5	*	4	0450	923	0.	.1	3017.5	*	6	12251590	0.	.1	3017.5	
1	2120	257	0.	.1	3017.5	*	4	0455	924	0.	.1	3017.5	*	6	12301591	0.	.1	3017.5	
1	2125	258	0.	.1	3017.5	*	4	0500	925	0.	.1	3017.5	*	6	12351592	0.	.1	3017.5	
1	2130	259	0.	.1	3017.5	*	4	0505	926	0.	.1	3017.5	*	6	12401593	0.	.1	3017.5	
1	2135	260	0.	.1	3017.5	*	4	0510	927	0.	.1	3017.5	*	6	12451594	0.	.1	3017.5	
1	2140	261	0.	.1	3017.5	*	4	0515	928	0.	.1	3017.5	*	6	12501595	0.	.1	3017.5	
1	2145	262	0.	.1	3017.5	*	4	0520	929	0.	.1	3017.5	*	6	12551596	0.	.1	3017.5	
1	2150	263	0.	.1	3017.5	*	4	0525	930	0.	.1	3017.5	*	6	13001597	0.	.1	3017.5	
1	2155	264	0.	.1	3017.5	*	4	0530	931	0.	.1	3017.5	*	6	13051598	0.	.1	3017.5	
1	2200	265	0.	.1	3017.5	*	4	0535	932	0.	.1	3017.5	*	6	13101599	0.	.1	3017.5	
1	2205	266	0.	.1	3017.5	*	4	0540	933	0.	.1	3017.5	*	6	13151600	0.	.1	3017.5	
1	2210	267	0.	.1	3017.5	*	4	0545	934	0.	.1	3017.5	*	6	13201601	0.	.1	3017.5	
1	2215	268	0.	.1	3017.5	*	4	0550	935	0.	.1	3017.5	*	6	13251602	0.	.1	3017.5	
1	2220	269	0.	.1	3017.5	*	4	0555	936	0.	.1	3017.5	*	6	13301603	0.	.1	3017.5	
1	2225	270	0.	.1	3017.5	*	4	0600	937	0.	.1	3017.5	*	6	13351604	0.	.1	3017.5	
1	2230	271	0.	.1	3017.5	*	4	0605	938	0.	.1	3017.5	*	6	13401605	0.	.1	3017.5	
1	2235	272	0.	.1	3017.5	*	4	0610	939	0.	.1	3017.5	*	6	13451606	0.	.1	3017.5	
1	2240	273	0.	.1	3017.5	*	4	0615	940	0.	.1	3017.5	*	6	13501607	0.	.1	3017.5	
1	2245	274	0.	.1	3017.5	*	4	0620	941	0.	.1	3017.5	*	6	13551608	0.	.1	3017.5	
1	2250	275	0.	.1	3017.5	*	4	0625	942	0.	.1	3017.5	*	6	14001609	0.	.1	3017.5	
1	2255	276	0.	.1	3017.5	*	4	0630	943	0.	.1	3017.5	*	6	14051610	0.	.1	3017.5	
1	2300	277	0.	.1	3017.5	*	4	0635	944	0.	.1	3017.5	*	6	14101611	0.	.1	3017.5	
1	2305	278	0.	.1	3017.5	*	4	0640	945	0.	.1	3017.5	*	6	14151612	0.	.1	3017.5	
1	2310	279	0.	.1	3017.5	*	4	0645	946	0.	.1	3017.5	*	6	14201613	0.	.1	3017.5	
1	2315	280	0.	.1	3017.5	*	4	0650	947	0.	.1	3017.5	*	6	14251614	0.	.1	3017.5	
1	2320	281	0.	.1	3017.5	*	4	0655	948	0.	.1	3017.5	*	6	14301615	0.	.1	3017.5	
1	2325	282	0.	.1	3017.5	*	4	0700	949	0.	.1	3017.5	*	6	14351616	0.	.1	3017.5	
1	2330	283	0.	.1	3017.5	*	4	0705	950	0.	.1	3017.5	*	6	14401617	0.	.1	3017.5	
1	2335	284	0.	.1	3017.5	*	4	0710	951	0.	.1	3017.5	*	6	14451618	0.	.1	3017.5	
1	2340	285	0.	.1	3017.5	*	4	0715	952	0.	.1	3017.5	*	6	14501619	0.	.1	3017.5	
1	2345	286	0.	.1	3017.5	*	4	0720	953	0.	.1	3017.5	*	6	14551620	0.	.1	3017.5	
1	2350	287	0.	.1	3017.5	*	4	0725	954	0.	.1	3017.5	*	6	15001621	0.	.1	3017.5	
1	2355	288	0.	.1	3017.5	*	4	0730	955	0.	.1	3017.5	*	6	15051622	0.	.1	3017.5	
2	0000	289	0.	.1	3017.5	*	4	0735	956	0.	.1	3017.5	*	6	15101623	0.	.1	3017.5	
2	0005	290	0.	.1	3017.5	*	4	0740	957	0.	.1	3017.5	*	6	15151624	0.	.1	3017.5	
2	0010	291	0.	.1	3017.5	*	4	0745	958	0.	.1	3017.5	*	6	15201625	0.	.1	3017.5	
2	0015	292	0.	.1	3017.5	*	4	0750	959	0.	.1	3017.5	*	6	15251626	0.	.1	3017.5	
2	0020	293	0.	.1	3017.5	*	4	0755	960	0.	.1	3017.5	*	6	15301627	0.	.1	3017.5	
2	0025	294	0.	.1	3017.5	*	4	0800	961	0.	.1	3017.5	*	6	15351628	0.	.1	3017.5	
2	0030	295	0.	.1	3017.5	*	4	0805	962	0.	.1	3017.5	*	6	15401629	0.	.1	3017.5	
2	0035	296	0.	.1	3017.5	*	4	0810	963	0.	.1	3017.5	*	6	15451630	0.	.1	3017.5	
2	0040	297	0.	.1	3017.5	*	4	0815	964	0.	.1	3017.5	*	6	15501631	0.	.1	3017.5	
2	0045	298	0.	.1	3017.5	*	4	0820	965	0.	.1	3017.5	*	6	15551632	0.	.1	3017.5	
2	0050	299	0.	.1	3017.5	*	4	0825	966	0.	.1	3017.5	*	6	16001633	0.	.1	3017.5	
2	0055	300	0.	.1	3017.5	*	4	0830	967	0.	.1	3017.5	*	6	16051634	0.	.1	3017.5	
2	0100	301	0.	.1	3017.5	*	4	0835	968	0.	.1	3017.5	*	6	16101635	0.	.1	3017.5	
2	0105	302	0.	.1	3017.5	*	4	0840	969	0.	.1	3017.5	*	6	16151636	0.	.1	3017.5	
2	0110	303	0.	.1	3017.5	*	4	0845	970	0.	.1	3017.5	*	6	16201637	0.	.1	3017.5	
2	0115	304	0.	.1	3017.5	*	4	0850	971	0.	.1	3017.5	*	6	16251638	0.	.1	3017.5	
2	0120	305	0.	.1	3017.5	*	4	0855	972	0.	.1	3017.5	*	6	16301639	0.	.1	3017.5	
2	0125	306	0.	.1	3017.5	*	4	0900	973	0.	.1	3017.5	*	6	16351640	0.	.1	3017.5	
2	0130	307	0.	.1	3017.5	*	4	0905	974	0.	.1	3017.5	*	6	16401641	0.	.1	3017.5	
2	0135	308	0.	.1	3017.5	*	4	0910	975	0.	.1	3017.5	*	6	16451642	0.	.1	3017.5	
2	0140	309	0.	.1	3017.5	*	4	0915	976	0.	.1	3017.5	*	6	16501643	0.	.1	3017.5	
2	0145	310	0.	.1	3017.5	*	4	0920	977	0.	.1	3017.5	*	6	16551644	0.	.1	3017.5	
2	0150	311	0.	.1	3017.5	*	4	0925	978	0.	.1	3017.5	*	6	17001645	0.	.1	3017.5	
2	0155	312	0.	.1	3017.5	*	4	0930	979	0.	.1	3017.5	*	6	17051646	0.	.1	3017.5	
2	0200	313	0.	.1	3017.5	*	4	0935	980	0.	.1	3017.5	*	6	17101647	0.	.1	3017.5	
2	0205	314	0.	.1	3017.5	*	4	0940	981	0.	.1	3017.5	*	6	17151648	0.	.1	3017.5	
2	0210	315	0.	.1	3017.5	*	4	0945	982	0.	.1	3017.5	*	6	17201649	0.	.1	3017.5	
2	0215	316	0.	.1	3017.5	*	4	0950	983	0.	.1	3017.5	*	6	17251650	0.	.1	3017.5	
2	0220	317	0.	.1	3017.5	*	4	0955	984	0.	.1	3017.5	*	6	17301651	0.	.1	3017.5	
2	0225	318	0.	.1	3017.5	*	4	1000	985	0.	.1	3017.5	*	6	17351652	0.	.1	3017.5	
2	0230	319	0.	.1	3017.5	*	4	1005	986	0.	.1	3017.5	*	6	17401653	0.	.1	3017.5	
2	0235	320	0.	.1	3017.5	*	4	1010	987	0.	.1	3017.5	*	6	17451654	0.	.1	3017.5	
2	0240	321	0.	.1	3017.5	*	4	1015	988	0.	.1	3017.5	*	6	17501655	0.	.1	3017.5	
2	0245	322	0.	.1	3017.5	*	4	1020	989	0.	.1	3017.5	*	6	17551656	0.	.1	3017.5	
2	0250	323	0.	.1	3017.5	*	4	1025	990	0.	.1	3017.5	*	6	18001657	0.	.1	3017.5	
2	0255	324	0.	.1	3017.5	*	4	1030	991	0.	.1	3017.5	*	6	18051658	0.	.1	3017.5	
2	0300	325	0.	.1	3017.5	*	4	1035	992	0.	.1	3017.5	*	6	18101659	0.	.1	3017.5	
2	0305	326	0.	.1	3017.5	*	4	1040	993	0.	.1	3017.5	*	6	18151660	0.	.1	3017.5	
2	0310	327	0.	.1	3017.5	*	4	1045	994	0.	.1	3017.5	*	6	18201661	0.	.1	3017.5	
2	0315	328	0.	.1	3017.5	*	4	1050	995	0.	.1	3017.5	*	6	18251662	0.	.1	3017.5	
2	0320	329	0.	.1	3017.5	*	4	1055	996	0.	.1	3017.5	*	6	18301663	0.	.1	3017.5	
2	0325	330	0.	.1	3017.5	*	4	1100	997	0.	.1	3017.5	*	6	18351664	0.	.1	3017.5	
2	0330	331	0.	.1	3017.5	*	4	1105	998	0.	.1	3017.5	*	6	18401665	0.	.1	3017.5	
2	0335	332	0.	.1	3017.5	*	4	1110	999	0.	.1	3017.5	*	6	18451666	0.	.1	3017.5	
2	0340	333	0.	.1	3017.5	*	4	11151000		0.	.1	3017.5	*	6	18501667	0.	.1	3017.5	
2	0345	334	0.	.1	3017.5	*	4	11201001		0.	.1	3017.5	*	6	18551668	0.	.1	3017.5	
2	0350	335	0.	.1	3017.5	*	4	11251002		0.	.1	3017.5	*	6	19001669	0.	.1	3017.5	

											ULT				
2	0355	336	0.	.1	3017.5	* 4	11301003	0.	.1	3017.5	* 6	19051670	0.	.1	3017.5
2	0400	337	0.	.1	3017.5	* 4	11351004	0.	.1	3017.5	* 6	19101671	0.	.1	3017.5
2	0405	338	0.	.1	3017.5	* 4	11401005	0.	.1	3017.5	* 6	19151672	0.	.1	3017.5
2	0410	339	0.	.1	3017.5	* 4	11451006	0.	.1	3017.5	* 6	19201673	0.	.1	3017.5
2	0415	340	0.	.1	3017.5	* 4	11501007	0.	.1	3017.5	* 6	19251674	0.	.1	3017.5
2	0420	341	0.	.1	3017.5	* 4	11551008	0.	.1	3017.5	* 6	19301675	0.	.1	3017.5
2	0425	342	0.	.1	3017.5	* 4	12001009	0.	.1	3017.5	* 6	19351676	0.	.1	3017.5
2	0430	343	0.	.1	3017.5	* 4	12051010	0.	.1	3017.5	* 6	19401677	0.	.1	3017.5
2	0435	344	0.	.1	3017.5	* 4	12101011	0.	.1	3017.5	* 6	19451678	0.	.1	3017.5
2	0440	345	0.	.1	3017.5	* 4	12151012	0.	.1	3017.5	* 6	19501679	0.	.1	3017.5
2	0445	346	0.	.1	3017.5	* 4	12201013	0.	.1	3017.5	* 6	19551680	0.	.1	3017.5
2	0450	347	0.	.1	3017.5	* 4	12251014	0.	.1	3017.5	* 6	20001681	0.	.1	3017.5
2	0455	348	0.	.1	3017.5	* 4	12301015	0.	.1	3017.5	* 6	20051682	0.	.1	3017.5
2	0500	349	0.	.1	3017.5	* 4	12351016	0.	.1	3017.5	* 6	20101683	0.	.1	3017.5
2	0505	350	0.	.1	3017.5	* 4	12401017	0.	.1	3017.5	* 6	20151684	0.	.1	3017.5
2	0510	351	0.	.1	3017.5	* 4	12451018	0.	.1	3017.5	* 6	20201685	0.	.1	3017.5
2	0515	352	0.	.1	3017.5	* 4	12501019	0.	.1	3017.5	* 6	20251686	0.	.1	3017.5
2	0520	353	0.	.1	3017.5	* 4	12551020	0.	.1	3017.5	* 6	20301687	0.	.1	3017.5
2	0525	354	0.	.1	3017.5	* 4	13001021	0.	.1	3017.5	* 6	20351688	0.	.1	3017.5
2	0530	355	0.	.1	3017.5	* 4	13051022	0.	.1	3017.5	* 6	20401689	0.	.1	3017.5
2	0535	356	0.	.1	3017.5	* 4	13101023	0.	.1	3017.5	* 6	20451690	0.	.1	3017.5
2	0540	357	0.	.1	3017.5	* 4	13151024	0.	.1	3017.5	* 6	20501691	0.	.1	3017.5
2	0545	358	0.	.1	3017.5	* 4	13201025	0.	.1	3017.5	* 6	20551692	0.	.1	3017.5
2	0550	359	0.	.1	3017.5	* 4	13251026	0.	.1	3017.5	* 6	21001693	0.	.1	3017.5
2	0555	360	0.	.1	3017.5	* 4	13301027	0.	.1	3017.5	* 6	21051694	0.	.1	3017.5
2	0600	361	0.	.1	3017.5	* 4	13351028	0.	.1	3017.5	* 6	21101695	0.	.1	3017.5
2	0605	362	0.	.1	3017.5	* 4	13401029	0.	.1	3017.5	* 6	21151696	0.	.1	3017.5
2	0610	363	0.	.1	3017.5	* 4	13451030	0.	.1	3017.5	* 6	21201697	0.	.1	3017.5
2	0615	364	0.	.1	3017.5	* 4	13501031	0.	.1	3017.5	* 6	21251698	0.	.1	3017.5
2	0620	365	0.	.1	3017.5	* 4	13551032	0.	.1	3017.5	* 6	21301699	0.	.1	3017.5
2	0625	366	0.	.1	3017.5	* 4	14001033	0.	.1	3017.5	* 6	21351700	0.	.1	3017.5
2	0630	367	0.	.1	3017.5	* 4	14051034	0.	.1	3017.5	* 6	21401701	0.	.1	3017.5
2	0635	368	0.	.1	3017.5	* 4	14101035	0.	.1	3017.5	* 6	21451702	0.	.1	3017.5
2	0640	369	0.	.1	3017.5	* 4	14151036	0.	.1	3017.5	* 6	21501703	0.	.1	3017.5
2	0645	370	0.	.1	3017.5	* 4	14201037	0.	.1	3017.5	* 6	21551704	0.	.1	3017.5
2	0650	371	0.	.1	3017.5	* 4	14251038	0.	.1	3017.5	* 6	22001705	0.	.1	3017.5
2	0655	372	0.	.1	3017.5	* 4	14301039	0.	.1	3017.5	* 6	22051706	0.	.1	3017.5
2	0700	373	0.	.1	3017.5	* 4	14351040	0.	.1	3017.5	* 6	22101707	0.	.1	3017.5
2	0705	374	0.	.1	3017.5	* 4	14401041	0.	.1	3017.5	* 6	22151708	0.	.1	3017.5
2	0710	375	0.	.1	3017.5	* 4	14451042	0.	.1	3017.5	* 6	22201709	0.	.1	3017.5
2	0715	376	0.	.1	3017.5	* 4	14501043	0.	.1	3017.5	* 6	22251710	0.	.1	3017.5
2	0720	377	0.	.1	3017.5	* 4	14551044	0.	.1	3017.5	* 6	22301711	0.	.1	3017.5
2	0725	378	0.	.1	3017.5	* 4	15001045	0.	.1	3017.5	* 6	22351712	0.	.1	3017.5
2	0730	379	0.	.1	3017.5	* 4	15051046	0.	.1	3017.5	* 6	22401713	0.	.1	3017.5
2	0735	380	0.	.1	3017.5	* 4	15101047	0.	.1	3017.5	* 6	22451714	0.	.1	3017.5
2	0740	381	0.	.1	3017.5	* 4	15151048	0.	.1	3017.5	* 6	22501715	0.	.1	3017.5
2	0745	382	0.	.1	3017.5	* 4	15201049	0.	.1	3017.5	* 6	22551716	0.	.1	3017.5
2	0750	383	0.	.1	3017.5	* 4	15251050	0.	.1	3017.5	* 6	23001717	0.	.1	3017.5
2	0755	384	0.	.1	3017.5	* 4	15301051	0.	.1	3017.5	* 6	23051718	0.	.1	3017.5
2	0800	385	0.	.1	3017.5	* 4	15351052	0.	.1	3017.5	* 6	23101719	0.	.1	3017.5
2	0805	386	0.	.1	3017.5	* 4	15401053	0.	.1	3017.5	* 6	23151720	0.	.1	3017.5
2	0810	387	0.	.1	3017.5	* 4	15451054	0.	.1	3017.5	* 6	23201721	0.	.1	3017.5
2	0815	388	0.	.1	3017.5	* 4	15501055	0.	.1	3017.5	* 6	23251722	0.	.1	3017.5
2	0820	389	0.	.1	3017.5	* 4	15551056	0.	.1	3017.5	* 6	23301723	0.	.1	3017.5
2	0825	390	0.	.1	3017.5	* 4	16001057	0.	.1	3017.5	* 6	23351724	0.	.1	3017.5
2	0830	391	0.	.1	3017.5	* 4	16051058	0.	.1	3017.5	* 6	23401725	0.	.1	3017.5
2	0835	392	0.	.1	3017.5	* 4	16101059	0.	.1	3017.5	* 6	23451726	0.	.1	3017.5
2	0840	393	0.	.1	3017.5	* 4	16151060	0.	.1	3017.5	* 6	23501727	0.	.1	3017.5
2	0845	394	0.	.1	3017.5	* 4	16201061	0.	.1	3017.5	* 6	23551728	0.	.1	3017.5
2	0850	395	0.	.1	3017.5	* 4	16251062	0.	.1	3017.5	* 7	00001729	0.	.1	3017.5
2	0855	396	0.	.1	3017.5	* 4	16301063	0.	.1	3017.5	* 7	00051730	0.	.1	3017.5
2	0900	397	0.	.1	3017.5	* 4	16351064	0.	.1	3017.5	* 7	00101731	0.	.1	3017.5
2	0905	398	0.	.1	3017.5	* 4	16401065	0.	.1	3017.5	* 7	00151732	0.	.1	3017.5
2	0910	399	0.	.1	3017.5	* 4	16451066	0.	.1	3017.5	* 7	00201733	0.	.1	3017.5
2	0915	400	0.	.1	3017.5	* 4	16501067	0.	.1	3017.5	* 7	00251734	0.	.1	3017.5
2	0920	401	0.	.1	3017.5	* 4	16551068	0.	.1	3017.5	* 7	00301735	0.	.1	3017.5
2	0925	402	0.	.1	3017.5	* 4	17001069	0.	.1	3017.5	* 7	00351736	0.	.1	3017.5
2	0930	403	0.	.1	3017.5	* 4	17051070	0.	.1	3017.5	* 7	00401737	0.	.1	3017.5
2	0935	404	0.	.1	3017.5	* 4	17101071	0.	.1	3017.5	* 7	00451738	0.	.1	3017.5
2	0940	405	0.	.1	3017.5	* 4	17151072	0.	.1	3017.5	* 7	00501739	0.	.1	3017.5
2	0945	406	0.	.1	3017.5	* 4	17201073	0.	.1	3017.5	* 7	00551740	0.	.1	3017.5
2	0950	407	0.	.1	3017.5	* 4	17251074	0.	.1	3017.5	* 7	01001741	0.	.1	3017.5
2	0955	408	0.	.1	3017.5	* 4	17301075	0.	.1	3017.5	* 7	01051742	0.	.1	3017.5
2	1000	409	0.	.1	3017.5	* 4	17351076	0.	.1	3017.5	* 7	01101743	0.	.1	3017.5
2	1005	410	0.	.1	3017.5	* 4	17401077	0.	.1	3017.5	* 7	01151744	0.	.1	3017.5
2	1010	411	0.	.1	3017.5	* 4	17451078	0.	.1	3017.5	* 7	01201745	0.	.1	3017.5
2	1015	412	0.	.1	3017.5	* 4	17501079	0.	.1	3017.5	* 7	01251746	0.	.1	3017.5
2	1020	413	0.	.1	3017.5	* 4	17551080	0.	.1	3017.5	* 7	01301747	0.	.1	3017.5
2	1025	414	0.	.1	3017.5	* 4	18001081	0.	.1	3017.5	* 7	01351748	0.	.1	3017.5
2	1030	415	0.	.1	3017.5	* 4	18051082	0.	.1	3017.5	* 7	01401749	0.	.1	3017.5
2	1035	416	0.	.1	3017.5	* 4	18101083	0.	.1	3017.5	* 7	01451750	0.	.1	3017.5
2	1040	417	0.	.1	3017.5	* 4	18151084	0.	.1	3017.5	* 7	01501751	0.	.1	3017.5
2	1045	418	0.	.1	3017.5	* 4	18201085	0.	.1	3017.5	* 7	01551752	0.	.1	3017.5
2	1050	419	0.	.1	3017.5	* 4	18251086	0.	.1	3017.5	* 7	02001753	0.	.1	3017.5
2	1055	420	0.	.1	3017.5	* 4	18301087	0.	.1	3017.5	* 7	02051754	0.	.1	3017.5
2	1100	421	0.	.1	3017.5	* 4	18351088	0.	.1	3017.5	* 7	02101755	0.	.1	3017.5
2	1105	422	0.	.1	3017.5	* 4	18401089	0.	.1	3017.5	* 7	02151756	0.	.1	3017.5
2	1110	423	0.	.1	3017.5	* 4	18451090	0.	.1	3017.5	* 7	02201757	0.	.1	3017.5
2	1115	424	0.	.1	3017.5	* 4	18501091	0.	.1	3017.5	* 7	02251758	0.	.1	3017.5

ULT

2	1120	425	0.	.1	3017.5	*	4	18551092	0.	.1	3017.5	*	7	02301759	0.	.1	3017.5
2	1125	426	0.	.1	3017.5	*	4	19001093	0.	.1	3017.5	*	7	02351760	0.	.1	3017.5
2	1130	427	0.	.1	3017.5	*	4	19051094	0.	.1	3017.5	*	7	02401761	0.	.1	3017.5
2	1135	428	0.	.1	3017.5	*	4	19101095	0.	.1	3017.5	*	7	02451762	0.	.1	3017.5
2	1140	429	0.	.1	3017.5	*	4	19151096	0.	.1	3017.5	*	7	02501763	0.	.1	3017.5
2	1145	430	0.	.1	3017.5	*	4	19201097	0.	.1	3017.5	*	7	02551764	0.	.1	3017.5
2	1150	431	0.	.1	3017.5	*	4	19251098	0.	.1	3017.5	*	7	03001765	0.	.1	3017.5
2	1155	432	0.	.1	3017.5	*	4	19301099	0.	.1	3017.5	*	7	03051766	0.	.1	3017.5
2	1200	433	0.	.1	3017.5	*	4	19351100	0.	.1	3017.5	*	7	03101767	0.	.1	3017.5
2	1205	434	0.	.1	3017.5	*	4	19401101	0.	.1	3017.5	*	7	03151768	0.	.1	3017.5
2	1210	435	0.	.1	3017.5	*	4	19451102	0.	.1	3017.5	*	7	03201769	0.	.1	3017.5
2	1215	436	0.	.1	3017.5	*	4	19501103	0.	.1	3017.5	*	7	03251770	0.	.1	3017.5
2	1220	437	0.	.1	3017.5	*	4	19551104	0.	.1	3017.5	*	7	03301771	0.	.1	3017.5
2	1225	438	0.	.1	3017.5	*	4	20001105	0.	.1	3017.5	*	7	03351772	0.	.1	3017.5
2	1230	439	0.	.1	3017.5	*	4	20051106	0.	.1	3017.5	*	7	03401773	0.	.1	3017.5
2	1235	440	0.	.1	3017.5	*	4	20101107	0.	.1	3017.5	*	7	03451774	0.	.1	3017.5
2	1240	441	0.	.1	3017.5	*	4	20151108	0.	.1	3017.5	*	7	03501775	0.	.1	3017.5
2	1245	442	0.	.1	3017.5	*	4	20201109	0.	.1	3017.5	*	7	03551776	0.	.1	3017.5
2	1250	443	0.	.1	3017.5	*	4	20251110	0.	.1	3017.5	*	7	04001777	0.	.1	3017.5
2	1255	444	0.	.1	3017.5	*	4	20301111	0.	.1	3017.5	*	7	04051778	0.	.1	3017.5
2	1300	445	0.	.1	3017.5	*	4	20351112	0.	.1	3017.5	*	7	04101779	0.	.1	3017.5
2	1305	446	0.	.1	3017.5	*	4	20401113	0.	.1	3017.5	*	7	04151780	0.	.1	3017.5
2	1310	447	0.	.1	3017.5	*	4	20451114	0.	.1	3017.5	*	7	04201781	0.	.1	3017.5
2	1315	448	0.	.1	3017.5	*	4	20501115	0.	.1	3017.5	*	7	04251782	0.	.1	3017.5
2	1320	449	0.	.1	3017.5	*	4	20551116	0.	.1	3017.5	*	7	04301783	0.	.1	3017.5
2	1325	450	0.	.1	3017.5	*	4	21001117	0.	.1	3017.5	*	7	04351784	0.	.1	3017.5
2	1330	451	0.	.1	3017.5	*	4	21051118	0.	.1	3017.5	*	7	04401785	0.	.1	3017.5
2	1335	452	0.	.1	3017.5	*	4	21101119	0.	.1	3017.5	*	7	04451786	0.	.1	3017.5
2	1340	453	0.	.1	3017.5	*	4	21151120	0.	.1	3017.5	*	7	04501787	0.	.1	3017.5
2	1345	454	0.	.1	3017.5	*	4	21201121	0.	.1	3017.5	*	7	04551788	0.	.1	3017.5
2	1350	455	0.	.1	3017.5	*	4	21251122	0.	.1	3017.5	*	7	05001789	0.	.1	3017.5
2	1355	456	0.	.1	3017.5	*	4	21301123	0.	.1	3017.5	*	7	05051790	0.	.1	3017.5
2	1400	457	0.	.1	3017.5	*	4	21351124	0.	.1	3017.5	*	7	05101791	0.	.1	3017.5
2	1405	458	0.	.1	3017.5	*	4	21401125	0.	.1	3017.5	*	7	05151792	0.	.1	3017.5
2	1410	459	0.	.1	3017.5	*	4	21451126	0.	.1	3017.5	*	7	05201793	0.	.1	3017.5
2	1415	460	0.	.1	3017.5	*	4	21501127	0.	.1	3017.5	*	7	05251794	0.	.1	3017.5
2	1420	461	0.	.1	3017.5	*	4	21551128	0.	.1	3017.5	*	7	05301795	0.	.1	3017.5
2	1425	462	0.	.1	3017.5	*	4	22001129	0.	.1	3017.5	*	7	05351796	0.	.1	3017.5
2	1430	463	0.	.1	3017.5	*	4	22051130	0.	.1	3017.5	*	7	05401797	0.	.1	3017.5
2	1435	464	0.	.1	3017.5	*	4	22101131	0.	.1	3017.5	*	7	05451798	0.	.1	3017.5
2	1440	465	0.	.1	3017.5	*	4	22151132	0.	.1	3017.5	*	7	05501799	0.	.1	3017.5
2	1445	466	0.	.1	3017.5	*	4	22201133	0.	.1	3017.5	*	7	05551800	0.	.1	3017.5
2	1450	467	0.	.1	3017.5	*	4	22251134	0.	.1	3017.5	*	7	06001801	0.	.1	3017.5
2	1455	468	0.	.1	3017.5	*	4	22301135	0.	.1	3017.5	*	7	06051802	0.	.1	3017.5
2	1500	469	0.	.1	3017.5	*	4	22351136	0.	.1	3017.5	*	7	06101803	0.	.1	3017.5
2	1505	470	0.	.1	3017.5	*	4	22401137	0.	.1	3017.5	*	7	06151804	0.	.1	3017.5
2	1510	471	0.	.1	3017.5	*	4	22451138	0.	.1	3017.5	*	7	06201805	0.	.1	3017.5
2	1515	472	0.	.1	3017.5	*	4	22501139	0.	.1	3017.5	*	7	06251806	0.	.1	3017.5
2	1520	473	0.	.1	3017.5	*	4	22551140	0.	.1	3017.5	*	7	06301807	0.	.1	3017.5
2	1525	474	0.	.1	3017.5	*	4	23001141	0.	.1	3017.5	*	7	06351808	0.	.1	3017.5
2	1530	475	0.	.1	3017.5	*	4	23051142	0.	.1	3017.5	*	7	06401809	0.	.1	3017.5
2	1535	476	0.	.1	3017.5	*	4	23101143	0.	.1	3017.5	*	7	06451810	0.	.1	3017.5
2	1540	477	0.	.1	3017.5	*	4	23151144	0.	.1	3017.5	*	7	06501811	0.	.1	3017.5
2	1545	478	0.	.1	3017.5	*	4	23201145	0.	.1	3017.5	*	7	06551812	0.	.1	3017.5
2	1550	479	0.	.1	3017.5	*	4	23251146	0.	.1	3017.5	*	7	07001813	0.	.1	3017.5
2	1555	480	0.	.1	3017.5	*	4	23301147	0.	.1	3017.5	*	7	07051814	0.	.1	3017.5
2	1600	481	0.	.1	3017.5	*	4	23351148	0.	.1	3017.5	*	7	07101815	0.	.1	3017.5
2	1605	482	0.	.1	3017.5	*	4	23401149	0.	.1	3017.5	*	7	07151816	0.	.1	3017.5
2	1610	483	0.	.1	3017.5	*	4	23451150	0.	.1	3017.5	*	7	07201817	0.	.1	3017.5
2	1615	484	0.	.1	3017.5	*	4	23501151	0.	.1	3017.5	*	7	07251818	0.	.1	3017.5
2	1620	485	0.	.1	3017.5	*	4	23551152	0.	.1	3017.5	*	7	07301819	0.	.1	3017.5
2	1625	486	0.	.1	3017.5	*	5	00001153	0.	.1	3017.5	*	7	07351820	0.	.1	3017.5
2	1630	487	0.	.1	3017.5	*	5	00051154	0.	.1	3017.5	*	7	07401821	0.	.1	3017.5
2	1635	488	0.	.1	3017.5	*	5	00101155	0.	.1	3017.5	*	7	07451822	0.	.1	3017.5
2	1640	489	0.	.1	3017.5	*	5	00151156	0.	.1	3017.5	*	7	07501823	0.	.1	3017.5
2	1645	490	0.	.1	3017.5	*	5	00201157	0.	.1	3017.5	*	7	07551824	0.	.1	3017.5
2	1650	491	0.	.1	3017.5	*	5	00251158	0.	.1	3017.5	*	7	08001825	0.	.1	3017.5
2	1655	492	0.	.1	3017.5	*	5	00301159	0.	.1	3017.5	*	7	08051826	0.	.1	3017.5
2	1700	493	0.	.1	3017.5	*	5	00351160	0.	.1	3017.5	*	7	08101827	0.	.1	3017.5
2	1705	494	0.	.1	3017.5	*	5	00401161	0.	.1	3017.5	*	7	08151828	0.	.1	3017.5
2	1710	495	0.	.1	3017.5	*	5	00451162	0.	.1	3017.5	*	7	08201829	0.	.1	3017.5
2	1715	496	0.	.1	3017.5	*	5	00501163	0.	.1	3017.5	*	7	08251830	0.	.1	3017.5
2	1720	497	0.	.1	3017.5	*	5	00551164	0.	.1	3017.5	*	7	08301831	0.	.1	3017.5
2	1725	498	0.	.1	3017.5	*	5	01001165	0.	.1	3017.5	*	7	08351832	0.	.1	3017.5
2	1730	499	0.	.1	3017.5	*	5	01051166	0.	.1	3017.5	*	7	08401833	0.	.1	3017.5
2	1735	500	0.	.1	3017.5	*	5	01101167	0.	.1	3017.5	*	7	08451834	0.	.1	3017.5
2	1740	501	0.	.1	3017.5	*	5	01151168	0.	.1	3017.5	*	7	08501835	0.	.1	3017.5
2	1745	502	0.	.1	3017.5	*	5	01201169	0.	.1	3017.5	*	7	08551836	0.	.1	3017.5
2	1750	503	0.	.1	3017.5	*	5	01251170	0.	.1	3017.5	*	7	09001837	0.	.1	3017.5
2	1755	504	0.	.1	3017.5	*	5	01301171	0.	.1	3017.5	*	7	09051838	0.	.1	3017.5
2	1800	505	0.	.1	3017.5	*	5	01351172	0.	.1	3017.5	*	7	09101839	0.	.1	3017.5
2	1805	506	0.	.1	3017.5	*	5	01401173	0.	.1	3017.5	*	7	09151840	0.	.1	3017.5
2	1810	507	0.	.1	3017.5	*	5	01451174	0.	.1	3017.5	*	7	09201841	0.	.1	3017.5
2	1815	508	0.	.1	3017.5	*	5	01501175	0.	.1	3017.5	*	7	09251842	0.	.1	3017.5
2	1820	509	0.	.1	3017.5	*	5	01551176	0.	.1	3017.5	*	7	09301843	0.	.1	3017.5
2	1825	510	0.	.1	3017.5	*	5	02001177	0.	.1	3017.5	*	7	09351844	0.	.1	3017.5
2	1830	511	0.	.1	3017.5	*	5	02051178	0.	.1	3017.5	*	7	09401845	0.	.1	3017.5
2	1835	512	0.	.1	3017.5	*	5	02101179	0.	.1	3017.5	*	7	09451846	0.	.1	3017.5
2	1840	513	0.	.1	3017.5	*	5	02151180	0.	.1	3017.5	*	7	09501847	0.	.1	3017.5

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2	1845	514	0.	.1	3017.5	* 5	02201181	0.	.1	3017.5	* 7	09551848	0.	.1	3017.5
2	1850	515	0.	.1	3017.5	* 5	02251182	0.	.1	3017.5	* 7	10001849	0.	.1	3017.5
2	1855	516	0.	.1	3017.5	* 5	02301183	0.	.1	3017.5	* 7	10051850	0.	.1	3017.5
2	1900	517	0.	.1	3017.5	* 5	02351184	0.	.1	3017.5	* 7	10101851	0.	.1	3017.5
2	1905	518	0.	.1	3017.5	* 5	02401185	0.	.1	3017.5	* 7	10151852	0.	.1	3017.5
2	1910	519	0.	.1	3017.5	* 5	02451186	0.	.1	3017.5	* 7	10201853	0.	.1	3017.5
2	1915	520	0.	.1	3017.5	* 5	02501187	0.	.1	3017.5	* 7	10251854	0.	.1	3017.5
2	1920	521	0.	.1	3017.5	* 5	02551188	0.	.1	3017.5	* 7	10301855	0.	.1	3017.5
2	1925	522	0.	.1	3017.5	* 5	03001189	0.	.1	3017.5	* 7	10351856	0.	.1	3017.5
2	1930	523	0.	.1	3017.5	* 5	03051190	0.	.1	3017.5	* 7	10401857	0.	.1	3017.5
2	1935	524	0.	.1	3017.5	* 5	03101191	0.	.1	3017.5	* 7	10451858	0.	.1	3017.5
2	1940	525	0.	.1	3017.5	* 5	03151192	0.	.1	3017.5	* 7	10501859	0.	.1	3017.5
2	1945	526	0.	.1	3017.5	* 5	03201193	0.	.1	3017.5	* 7	10551860	0.	.1	3017.5
2	1950	527	0.	.1	3017.5	* 5	03251194	0.	.1	3017.5	* 7	11001861	0.	.1	3017.5
2	1955	528	0.	.1	3017.5	* 5	03301195	0.	.1	3017.5	* 7	11051862	0.	.1	3017.5
2	2000	529	0.	.1	3017.5	* 5	03351196	0.	.1	3017.5	* 7	11101863	0.	.1	3017.5
2	2005	530	0.	.1	3017.5	* 5	03401197	0.	.1	3017.5	* 7	11151864	0.	.1	3017.5
2	2010	531	0.	.1	3017.5	* 5	03451198	0.	.1	3017.5	* 7	11201865	0.	.1	3017.5
2	2015	532	0.	.1	3017.5	* 5	03501199	0.	.1	3017.5	* 7	11251866	0.	.1	3017.5
2	2020	533	0.	.1	3017.5	* 5	03551200	0.	.1	3017.5	* 7	11301867	0.	.1	3017.5
2	2025	534	0.	.1	3017.5	* 5	04001201	0.	.1	3017.5	* 7	11351868	0.	.1	3017.5
2	2030	535	0.	.1	3017.5	* 5	04051202	0.	.1	3017.5	* 7	11401869	0.	.1	3017.5
2	2035	536	0.	.1	3017.5	* 5	04101203	0.	.1	3017.5	* 7	11451870	0.	.1	3017.5
2	2040	537	0.	.1	3017.5	* 5	04151204	0.	.1	3017.5	* 7	11501871	0.	.1	3017.5
2	2045	538	0.	.1	3017.5	* 5	04201205	0.	.1	3017.5	* 7	11551872	0.	.1	3017.5
2	2050	539	0.	.1	3017.5	* 5	04251206	0.	.1	3017.5	* 7	12001873	0.	.1	3017.5
2	2055	540	0.	.1	3017.5	* 5	04301207	0.	.1	3017.5	* 7	12051874	0.	.1	3017.5
2	2100	541	0.	.1	3017.5	* 5	04351208	0.	.1	3017.5	* 7	12101875	0.	.1	3017.5
2	2105	542	0.	.1	3017.5	* 5	04401209	0.	.1	3017.5	* 7	12151876	0.	.1	3017.5
2	2110	543	0.	.1	3017.5	* 5	04451210	0.	.1	3017.5	* 7	12201877	0.	.1	3017.5
2	2115	544	0.	.1	3017.5	* 5	04501211	0.	.1	3017.5	* 7	12251878	0.	.1	3017.5
2	2120	545	0.	.1	3017.5	* 5	04551212	0.	.1	3017.5	* 7	12301879	0.	.1	3017.5
2	2125	546	0.	.1	3017.5	* 5	05001213	0.	.1	3017.5	* 7	12351880	0.	.1	3017.5
2	2130	547	0.	.1	3017.5	* 5	05051214	0.	.1	3017.5	* 7	12401881	0.	.1	3017.5
2	2135	548	0.	.1	3017.5	* 5	05101215	0.	.1	3017.5	* 7	12451882	0.	.1	3017.5
2	2140	549	0.	.1	3017.5	* 5	05151216	0.	.1	3017.5	* 7	12501883	0.	.1	3017.5
2	2145	550	0.	.1	3017.5	* 5	05201217	0.	.1	3017.5	* 7	12551884	0.	.1	3017.5
2	2150	551	0.	.1	3017.5	* 5	05251218	0.	.1	3017.5	* 7	13001885	0.	.1	3017.5
2	2155	552	0.	.1	3017.5	* 5	05301219	0.	.1	3017.5	* 7	13051886	0.	.1	3017.5
2	2200	553	0.	.1	3017.5	* 5	05351220	0.	.1	3017.5	* 7	13101887	0.	.1	3017.5
2	2205	554	0.	.1	3017.5	* 5	05401221	0.	.1	3017.5	* 7	13151888	0.	.1	3017.5
2	2210	555	0.	.1	3017.5	* 5	05451222	0.	.1	3017.5	* 7	13201889	0.	.1	3017.5
2	2215	556	0.	.1	3017.5	* 5	05501223	0.	.1	3017.5	* 7	13251890	0.	.1	3017.5
2	2220	557	0.	.1	3017.5	* 5	05551224	0.	.1	3017.5	* 7	13301891	0.	.1	3017.5
2	2225	558	0.	.1	3017.5	* 5	06001225	0.	.1	3017.5	* 7	13351892	0.	.1	3017.5
2	2230	559	0.	.1	3017.5	* 5	06051226	0.	.1	3017.5	* 7	13401893	0.	.1	3017.5
2	2235	560	0.	.1	3017.5	* 5	06101227	0.	.1	3017.5	* 7	13451894	0.	.1	3017.5
2	2240	561	0.	.1	3017.5	* 5	06151228	0.	.1	3017.5	* 7	13501895	0.	.1	3017.5
2	2245	562	0.	.1	3017.5	* 5	06201229	0.	.1	3017.5	* 7	13551896	0.	.1	3017.5
2	2250	563	0.	.1	3017.5	* 5	06251230	0.	.1	3017.5	* 7	14001897	0.	.1	3017.5
2	2255	564	0.	.1	3017.5	* 5	06301231	0.	.1	3017.5	* 7	14051898	0.	.1	3017.5
2	2300	565	0.	.1	3017.5	* 5	06351232	0.	.1	3017.5	* 7	14101899	0.	.1	3017.5
2	2305	566	0.	.1	3017.5	* 5	06401233	0.	.1	3017.5	* 7	14151900	0.	.1	3017.5
2	2310	567	0.	.1	3017.5	* 5	06451234	0.	.1	3017.5	* 7	14201901	0.	.1	3017.5
2	2315	568	0.	.1	3017.5	* 5	06501235	0.	.1	3017.5	* 7	14251902	0.	.1	3017.5
2	2320	569	0.	.1	3017.5	* 5	06551236	0.	.1	3017.5	* 7	14301903	0.	.1	3017.5
2	2325	570	0.	.1	3017.5	* 5	07001237	0.	.1	3017.5	* 7	14351904	0.	.1	3017.5
2	2330	571	0.	.1	3017.5	* 5	07051238	0.	.1	3017.5	* 7	14401905	0.	.1	3017.5
2	2335	572	0.	.1	3017.5	* 5	07101239	0.	.1	3017.5	* 7	14451906	0.	.1	3017.5
2	2340	573	0.	.1	3017.5	* 5	07151240	0.	.1	3017.5	* 7	14501907	0.	.1	3017.5
2	2345	574	0.	.1	3017.5	* 5	07201241	0.	.1	3017.5	* 7	14551908	0.	.1	3017.5
2	2350	575	0.	.1	3017.5	* 5	07251242	0.	.1	3017.5	* 7	15001909	0.	.1	3017.5
2	2355	576	0.	.1	3017.5	* 5	07301243	0.	.1	3017.5	* 7	15051910	0.	.1	3017.5
3	0000	577	0.	.1	3017.5	* 5	07351244	0.	.1	3017.5	* 7	15101911	0.	.1	3017.5
3	0005	578	0.	.1	3017.5	* 5	07401245	0.	.1	3017.5	* 7	15151912	0.	.1	3017.5
3	0010	579	0.	.1	3017.5	* 5	07451246	0.	.1	3017.5	* 7	15201913	0.	.1	3017.5
3	0015	580	0.	.1	3017.5	* 5	07501247	0.	.1	3017.5	* 7	15251914	0.	.1	3017.5
3	0020	581	0.	.1	3017.5	* 5	07551248	0.	.1	3017.5	* 7	15301915	0.	.1	3017.5
3	0025	582	0.	.1	3017.5	* 5	08001249	0.	.1	3017.5	* 7	15351916	0.	.1	3017.5
3	0030	583	0.	.1	3017.5	* 5	08051250	0.	.1	3017.5	* 7	15401917	0.	.1	3017.5
3	0035	584	0.	.1	3017.5	* 5	08101251	0.	.1	3017.5	* 7	15451918	0.	.1	3017.5
3	0040	585	0.	.1	3017.5	* 5	08151252	0.	.1	3017.5	* 7	15501919	0.	.1	3017.5
3	0045	586	0.	.1	3017.5	* 5	08201253	0.	.1	3017.5	* 7	15551920	0.	.1	3017.5
3	0050	587	0.	.1	3017.5	* 5	08251254	0.	.1	3017.5	* 7	16001921	0.	.1	3017.5
3	0055	588	0.	.1	3017.5	* 5	08301255	0.	.1	3017.5	* 7	16051922	0.	.1	3017.5
3	0100	589	0.	.1	3017.5	* 5	08351256	0.	.1	3017.5	* 7	16101923	0.	.1	3017.5
3	0105	590	0.	.1	3017.5	* 5	08401257	0.	.1	3017.5	* 7	16151924	0.	.1	3017.5
3	0110	591	0.	.1	3017.5	* 5	08451258	0.	.1	3017.5	* 7	16201925	0.	.1	3017.5
3	0115	592	0.	.1	3017.5	* 5	08501259	0.	.1	3017.5	* 7	16251926	0.	.1	3017.5
3	0120	593	0.	.1	3017.5	* 5	08551260	0.	.1	3017.5	* 7	16301927	0.	.1	3017.5
3	0125	594	0.	.1	3017.5	* 5	09001261	0.	.1	3017.5	* 7	16351928	0.	.1	3017.5
3	0130	595	0.	.1	3017.5	* 5	09051262	0.	.1	3017.5	* 7	16401929	0.	.1	3017.5
3	0135	596	0.	.1	3017.5	* 5	09101263	0.	.1	3017.5	* 7	16451930	0.	.1	3017.5
3	0140	597	0.	.1	3017.5	* 5	09151264	0.	.1	3017.5	* 7	16501931	0.	.1	3017.5
3	0145	598	0.	.1	3017.5	* 5	09201265	0.	.1	3017.5	* 7	16551932	0.	.1	3017.5
3	0150	599	0.	.1	3017.5	* 5	09251266	0.	.1	3017.5	* 7	17001933	0.	.1	3017.5
3	0155	600	0.	.1	3017.5	* 5	09301267	0.	.1	3017.5	* 7	17051934	0.	.1	3017.5
3	0200	601	0.	.1	3017.5	* 5	09351268	0.	.1	3017.5	* 7	17101935	0.	.1	3017.5
3	0205	602	0.	.1	3017.5	* 5	09401269	0.	.1	3017.5	* 7	17151936	0.	.1	3017.5

											ULT				
3	0210	603	0.	.1	3017.5	* 5	09451270	0.	.1	3017.5	* 7	17201937	0.	.1	3017.5
3	0215	604	0.	.1	3017.5	* 5	09501271	0.	.1	3017.5	* 7	17251938	0.	.1	3017.5
3	0220	605	0.	.1	3017.5	* 5	09551272	0.	.1	3017.5	* 7	17301939	0.	.1	3017.5
3	0225	606	0.	.1	3017.5	* 5	10001273	0.	.1	3017.5	* 7	17351940	0.	.1	3017.5
3	0230	607	0.	.1	3017.5	* 5	10051274	0.	.1	3017.5	* 7	17401941	0.	.1	3017.5
3	0235	608	0.	.1	3017.5	* 5	10101275	0.	.1	3017.5	* 7	17451942	0.	.1	3017.5
3	0240	609	0.	.1	3017.5	* 5	10151276	0.	.1	3017.5	* 7	17501943	0.	.1	3017.5
3	0245	610	0.	.1	3017.5	* 5	10201277	0.	.1	3017.5	* 7	17551944	0.	.1	3017.5
3	0250	611	0.	.1	3017.5	* 5	10251278	0.	.1	3017.5	* 7	18001945	0.	.1	3017.5
3	0255	612	0.	.1	3017.5	* 5	10301279	0.	.1	3017.5	* 7	18051946	0.	.1	3017.5
3	0300	613	0.	.1	3017.5	* 5	10351280	0.	.1	3017.5	* 7	18101947	0.	.1	3017.5
3	0305	614	0.	.1	3017.5	* 5	10401281	0.	.1	3017.5	* 7	18151948	0.	.1	3017.5
3	0310	615	0.	.1	3017.5	* 5	10451282	0.	.1	3017.5	* 7	18201949	0.	.1	3017.5
3	0315	616	0.	.1	3017.5	* 5	10501283	0.	.1	3017.5	* 7	18251950	0.	.1	3017.5
3	0320	617	0.	.1	3017.5	* 5	10551284	0.	.1	3017.5	* 7	18301951	0.	.1	3017.5
3	0325	618	0.	.1	3017.5	* 5	11001285	0.	.1	3017.5	* 7	18351952	0.	.1	3017.5
3	0330	619	0.	.1	3017.5	* 5	11051286	0.	.1	3017.5	* 7	18401953	0.	.1	3017.5
3	0335	620	0.	.1	3017.5	* 5	11101287	0.	.1	3017.5	* 7	18451954	0.	.1	3017.5
3	0340	621	0.	.1	3017.5	* 5	11151288	0.	.1	3017.5	* 7	18501955	0.	.1	3017.5
3	0345	622	0.	.1	3017.5	* 5	11201289	0.	.1	3017.5	* 7	18551956	0.	.1	3017.5
3	0350	623	0.	.1	3017.5	* 5	11251290	0.	.1	3017.5	* 7	19001957	0.	.1	3017.5
3	0355	624	0.	.1	3017.5	* 5	11301291	0.	.1	3017.5	* 7	19051958	0.	.1	3017.5
3	0400	625	0.	.1	3017.5	* 5	11351292	0.	.1	3017.5	* 7	19101959	0.	.1	3017.5
3	0405	626	0.	.1	3017.5	* 5	11401293	0.	.1	3017.5	* 7	19151960	0.	.1	3017.5
3	0410	627	0.	.1	3017.5	* 5	11451294	0.	.1	3017.5	* 7	19201961	0.	.1	3017.5
3	0415	628	0.	.1	3017.5	* 5	11501295	0.	.1	3017.5	* 7	19251962	0.	.1	3017.5
3	0420	629	0.	.1	3017.5	* 5	11551296	0.	.1	3017.5	* 7	19301963	0.	.1	3017.5
3	0425	630	0.	.1	3017.5	* 5	12001297	0.	.1	3017.5	* 7	19351964	0.	.1	3017.5
3	0430	631	0.	.1	3017.5	* 5	12051298	0.	.1	3017.5	* 7	19401965	0.	.1	3017.5
3	0435	632	0.	.1	3017.5	* 5	12101299	0.	.1	3017.5	* 7	19451966	0.	.1	3017.5
3	0440	633	0.	.1	3017.5	* 5	12151300	0.	.1	3017.5	* 7	19501967	0.	.1	3017.5
3	0445	634	0.	.1	3017.5	* 5	12201301	0.	.1	3017.5	* 7	19551968	0.	.1	3017.5
3	0450	635	0.	.1	3017.5	* 5	12251302	0.	.1	3017.5	* 7	20001969	0.	.1	3017.5
3	0455	636	0.	.1	3017.5	* 5	12301303	0.	.1	3017.5	* 7	20051970	0.	.1	3017.5
3	0500	637	0.	.1	3017.5	* 5	12351304	0.	.1	3017.5	* 7	20101971	0.	.1	3017.5
3	0505	638	0.	.1	3017.5	* 5	12401305	0.	.1	3017.5	* 7	20151972	0.	.1	3017.5
3	0510	639	0.	.1	3017.5	* 5	12451306	0.	.1	3017.5	* 7	20201973	0.	.1	3017.5
3	0515	640	0.	.1	3017.5	* 5	12501307	0.	.1	3017.5	* 7	20251974	0.	.1	3017.5
3	0520	641	0.	.1	3017.5	* 5	12551308	0.	.1	3017.5	* 7	20301975	0.	.1	3017.5
3	0525	642	0.	.1	3017.5	* 5	13001309	0.	.1	3017.5	* 7	20351976	0.	.1	3017.5
3	0530	643	0.	.1	3017.5	* 5	13051310	0.	.1	3017.5	* 7	20401977	0.	.1	3017.5
3	0535	644	0.	.1	3017.5	* 5	13101311	0.	.1	3017.5	* 7	20451978	0.	.1	3017.5
3	0540	645	0.	.1	3017.5	* 5	13151312	0.	.1	3017.5	* 7	20501979	0.	.1	3017.5
3	0545	646	0.	.1	3017.5	* 5	13201313	0.	.1	3017.5	* 7	20551980	0.	.1	3017.5
3	0550	647	0.	.1	3017.5	* 5	13251314	0.	.1	3017.5	* 7	21001981	0.	.1	3017.5
3	0555	648	0.	.1	3017.5	* 5	13301315	0.	.1	3017.5	* 7	21051982	0.	.1	3017.5
3	0600	649	0.	.1	3017.5	* 5	13351316	0.	.1	3017.5	* 7	21101983	0.	.1	3017.5
3	0605	650	0.	.1	3017.5	* 5	13401317	0.	.1	3017.5	* 7	21151984	0.	.1	3017.5
3	0610	651	0.	.1	3017.5	* 5	13451318	0.	.1	3017.5	* 7	21201985	0.	.1	3017.5
3	0615	652	0.	.1	3017.5	* 5	13501319	0.	.1	3017.5	* 7	21251986	0.	.1	3017.5
3	0620	653	0.	.1	3017.5	* 5	13551320	0.	.1	3017.5	* 7	21301987	0.	.1	3017.5
3	0625	654	0.	.1	3017.5	* 5	14001321	0.	.1	3017.5	* 7	21351988	0.	.1	3017.5
3	0630	655	0.	.1	3017.5	* 5	14051322	0.	.1	3017.5	* 7	21401989	0.	.1	3017.5
3	0635	656	0.	.1	3017.5	* 5	14101323	0.	.1	3017.5	* 7	21451990	0.	.1	3017.5
3	0640	657	0.	.1	3017.5	* 5	14151324	0.	.1	3017.5	* 7	21501991	0.	.1	3017.5
3	0645	658	0.	.1	3017.5	* 5	14201325	0.	.1	3017.5	* 7	21551992	0.	.1	3017.5
3	0650	659	0.	.1	3017.5	* 5	14251326	0.	.1	3017.5	* 7	22001993	0.	.1	3017.5
3	0655	660	0.	.1	3017.5	* 5	14301327	0.	.1	3017.5	* 7	22051994	0.	.1	3017.5
3	0700	661	0.	.1	3017.5	* 5	14351328	0.	.1	3017.5	* 7	22101995	0.	.1	3017.5
3	0705	662	0.	.1	3017.5	* 5	14401329	0.	.1	3017.5	* 7	22151996	0.	.1	3017.5
3	0710	663	0.	.1	3017.5	* 5	14451330	0.	.1	3017.5	* 7	22201997	0.	.1	3017.5
3	0715	664	0.	.1	3017.5	* 5	14501331	0.	.1	3017.5	* 7	22251998	0.	.1	3017.5
3	0720	665	0.	.1	3017.5	* 5	14551332	0.	.1	3017.5	* 7	22301999	0.	.1	3017.5
3	0725	666	0.	.1	3017.5	* 5	15001333	0.	.1	3017.5	* 7	22352000	0.	.1	3017.5
3	0730	667	0.	.1	3017.5	* 5	15051334	0.	.1	3017.5	*				
						*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 68.	5.50		65.	35.	12.	5.
		(INCHES)	.691	1.483	1.483	1.483
		(AC-FT)	32.	70.	70.	70.

PEAK STORAGE	TIME		MAXIMUM AVERAGE STORAGE			
			6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)					
50.	5.50		41.	14.	5.	2.

PEAK STAGE	TIME		MAXIMUM AVERAGE STAGE			
			6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)					
3033.78	5.50		3032.38	3024.52	3019.84	3018.49

CUMULATIVE AREA = .88 SQ MI

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          *            *
1269 KK   *      RDB2  *
          *            *
          **************

1271 KO          OUTPUT CONTROL VARIABLES
                      IPRNT          1  PRINT CONTROL
                      IPLOT          0  PLOT CONTROL
                      QSCAL         0.  HYDROGRAPH PLOT SCALE

               HYDROGRAPH ROUTING DATA

1272 RS          STORAGE ROUTING
                      NSTPS          1  NUMBER OF SUBREACHES
                       ITYP       ELEV  TYPE OF INITIAL CONDITION
                     RSVRIC    2992.00  INITIAL CONDITION
                          X        .00 WORKING R AND D COEFFICIENT

1273 SV            STORAGE         .0       2.3       7.6      24.3      46.3      73.8     107.1     146.8     193.0

1274 SE          ELEVATION    2992.00   2993.00   2995.00   3000.00   3005.00   3010.00   3015.00   3020.00   3025.00

1275 SQ          DISCHARGE         0.       44.       51.       65.       84.       99.      521.     3466.     7888.

1276 SE          ELEVATION    2992.00   2993.00   2995.00   3000.00   3009.00   3018.00   3019.00   3022.00   3025.00

                                                          ***

                                        COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

          STORAGE        .00      2.34      7.60     24.30     46.28     68.28     73.78    107.11    130.89    138.82
          OUTFLOW        .00     44.44     51.05     64.70     75.33     83.84     85.56     94.19     99.36    520.90
        ELEVATION    2992.00   2993.00   2995.00   3000.00   3005.00   3009.00   3010.00   3015.00   3018.00   3019.00

          STORAGE     146.75    165.26    193.03
          OUTFLOW    1502.43   3465.50   7888.40
        ELEVATION    3020.00   3022.00   3025.00
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HYDROGRAPH AT STATION RDB2
PLAN 1, RATIO = 1.00

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	3		0735	668	0.	.0	2992.0	5		15101335		0.	.0	2992.0
1		0005	2	0.	.0	2992.0	3		0740	669	0.	.0	2992.0	5		15151336		0.	.0	2992.0
1		0010	3	0.	.0	2992.0	3		0745	670	0.	.0	2992.0	5		15201337		0.	.0	2992.0
1		0015	4	0.	.0	2992.0	3		0750	671	0.	.0	2992.0	5		15251338		0.	.0	2992.0
1		0020	5	0.	.0	2992.0	3		0755	672	0.	.0	2992.0	5		15301339		0.	.0	2992.0
1		0025	6	0.	.0	2992.0	3		0800	673	0.	.0	2992.0	5		15351340		0.	.0	2992.0
1		0030	7	1.	.0	2992.0	3		0805	674	0.	.0	2992.0	5		15401341		0.	.0	2992.0
1		0035	8	1.	.1	2992.0	3		0810	675	0.	.0	2992.0	5		15451342		0.	.0	2992.0
1		0040	9	2.	.1	2992.0	3		0815	676	0.	.0	2992.0	5		15501343		0.	.0	2992.0
1		0045	10	2.	.1	2992.0	3		0820	677	0.	.0	2992.0	5		15551344		0.	.0	2992.0
1		0050	11	2.	.1	2992.1	3		0825	678	0.	.0	2992.0	5		16001345		0.	.0	2992.0
1		0055	12	2.	.1	2992.1	3		0830	679	0.	.0	2992.0	5		16051346		0.	.0	2992.0
1		0100	13	2.	.1	2992.1	3		0835	680	0.	.0	2992.0	5		16101347		0.	.0	2992.0
1		0105	14	2.	.1	2992.0	3		0840	681	0.	.0	2992.0	5		16151348		0.	.0	2992.0
1		0110	15	2.	.1	2992.0	3		0845	682	0.	.0	2992.0	5		16201349		0.	.0	2992.0
1		0115	16	2.	.1	2992.0	3		0850	683	0.	.0	2992.0	5		16251350		0.	.0	2992.0
1		0120	17	2.	.1	2992.1	3		0855	684	0.	.0	2992.0	5		16301351		0.	.0	2992.0
1		0125	18	3.	.2	2992.1	3		0900	685	0.	.0	2992.0	5		16351352		0.	.0	2992.0
1		0130	19	4.	.2	2992.1	3		0905	686	0.	.0	2992.0	5		16401353		0.	.0	2992.0
1		0135	20	5.	.3	2992.1	3		0910	687	0.	.0	2992.0	5		16451354		0.	.0	2992.0
1		0140	21	7.	.4	2992.2	3		0915	688	0.	.0	2992.0	5		16501355		0.	.0	2992.0
1		0145	22	9.	.5	2992.2	3		0920	689	0.	.0	2992.0	5		16551356		0.	.0	2992.0
1		0150	23	11.	.6	2992.3	3		0925	690	0.	.0	2992.0	5		17001357		0.	.0	2992.0
1		0155	24	13.	.7	2992.3	3		0930	691	0.	.0	2992.0	5		17051358		0.	.0	2992.0
1		0200	25	14.	.7	2992.3	3		0935	692	0.	.0	2992.0	5		17101359		0.	.0	2992.0
1		0205	26	14.	.7	2992.3	3		0940	693	0.	.0	2992.0	5		17151360		0.	.0	2992.0
1		0210	27	14.	.7	2992.3	3		0945	694	0.	.0	2992.0	5		17201361		0.	.0	2992.0
1		0215	28	14.	.7	2992.3	3		0950	695	0.	.0	2992.0	5		17251362		0.	.0	2992.0
1		0220	29	16.	.8	2992.4	3		0955	696	0.	.0	2992.0	5		17301363		0.	.0	2992.0
1		0225	30	18.	1.0	2992.4	3		1000	697	0.	.0	2992.0	5		17351364		0.	.0	2992.0
1		0230	31	21.	1.1	2992.5	3		1005	698	0.	.0	2992.0	5		17401365		0.	.0	2992.0
1		0235	32	23.	1.2	2992.5	3		1010	699	0.	.0	2992.0	5		17451366		0.	.0	2992.0
1		0240	33	25.	1.3	2992.6	3		1015	700	0.	.0	2992.0	5		17501367		0.	.0	2992.0
1		0245	34	27.	1.4	2992.6	3		1020	701	0.	.0	2992.0	5		17551368		0.	.0	2992.0
1		0250	35	29.	1.5	2992.6	3		1025	702	0.	.0	2992.0	5		18001369		0.	.0	2992.0
1		0255	36	30.	1.6	2992.7	3		1030	703	0.	.0	2992.0	5		18051370		0.	.0	2992.0

																ULT			
1	0300	37	31.	1.6	2992.7	*	3	1035	704	0.	.0	2992.0	*	5	18101371	0.	.0	2992.0	
1	0305	38	32.	1.7	2992.7	*	3	1040	705	0.	.0	2992.0	*	5	18151372	0.	.0	2992.0	
1	0310	39	36.	1.9	2992.8	*	3	1045	706	0.	.0	2992.0	*	5	18201373	0.	.0	2992.0	
1	0315	40	44.	2.3	2993.0	*	3	1050	707	0.	.0	2992.0	*	5	18251374	0.	.0	2992.0	
1	0320	41	45.	3.2	2993.3	*	3	1055	708	0.	.0	2992.0	*	5	18301375	0.	.0	2992.0	
1	0325	42	48.	4.8	2993.9	*	3	1100	709	0.	.0	2992.0	*	5	18351376	0.	.0	2992.0	
1	0330	43	51.	7.5	2994.9	*	3	1105	710	0.	.0	2992.0	*	5	18401377	0.	.0	2992.0	
1	0335	44	54.	11.2	2996.1	*	3	1110	711	0.	.0	2992.0	*	5	18451378	0.	.0	2992.0	
1	0340	45	57.	15.4	2997.3	*	3	1115	712	0.	.0	2992.0	*	5	18501379	0.	.0	2992.0	
1	0345	46	61.	19.5	2998.6	*	3	1120	713	0.	.0	2992.0	*	5	18551380	0.	.0	2992.0	
1	0350	47	64.	23.0	2999.6	*	3	1125	714	0.	.0	2992.0	*	5	19001381	0.	.0	2992.0	
1	0355	48	65.	25.8	3000.3	*	3	1130	715	0.	.0	2992.0	*	5	19051382	0.	.0	2992.0	
1	0400	49	66.	27.8	3000.8	*	3	1135	716	0.	.0	2992.0	*	5	19101383	0.	.0	2992.0	
1	0405	50	67.	29.3	3001.1	*	3	1140	717	0.	.0	2992.0	*	5	19151384	0.	.0	2992.0	
1	0410	51	68.	30.4	3001.4	*	3	1145	718	0.	.0	2992.0	*	5	19201385	0.	.0	2992.0	
1	0415	52	68.	31.1	3001.6	*	3	1150	719	0.	.0	2992.0	*	5	19251386	0.	.0	2992.0	
1	0420	53	68.	31.6	3001.7	*	3	1155	720	0.	.0	2992.0	*	5	19301387	0.	.0	2992.0	
1	0425	54	68.	31.9	3001.7	*	3	1200	721	0.	.0	2992.0	*	5	19351388	0.	.0	2992.0	
1	0430	55	69.	32.2	3001.8	*	3	1205	722	0.	.0	2992.0	*	5	19401389	0.	.0	2992.0	
1	0435	56	69.	32.6	3001.9	*	3	1210	723	0.	.0	2992.0	*	5	19451390	0.	.0	2992.0	
1	0440	57	69.	33.1	3002.0	*	3	1215	724	0.	.0	2992.0	*	5	19501391	0.	.0	2992.0	
1	0445	58	69.	33.7	3002.1	*	3	1220	725	0.	.0	2992.0	*	5	19551392	0.	.0	2992.0	
1	0450	59	70.	34.3	3002.3	*	3	1225	726	0.	.0	2992.0	*	5	20001393	0.	.0	2992.0	
1	0455	60	70.	34.9	3002.4	*	3	1230	727	0.	.0	2992.0	*	5	20051394	0.	.0	2992.0	
1	0500	61	70.	35.5	3002.5	*	3	1235	728	0.	.0	2992.0	*	5	20101395	0.	.0	2992.0	
1	0505	62	70.	36.0	3002.7	*	3	1240	729	0.	.0	2992.0	*	5	20151396	0.	.0	2992.0	
1	0510	63	70.	36.3	3002.7	*	3	1245	730	0.	.0	2992.0	*	5	20201397	0.	.0	2992.0	
1	0515	64	71.	36.4	3002.7	*	3	1250	731	0.	.0	2992.0	*	5	20251398	0.	.0	2992.0	
1	0520	65	71.	36.3	3002.7	*	3	1255	732	0.	.0	2992.0	*	5	20301399	0.	.0	2992.0	
1	0525	66	70.	36.2	3002.7	*	3	1300	733	0.	.0	2992.0	*	5	20351400	0.	.0	2992.0	
1	0530	67	70.	36.0	3002.7	*	3	1305	734	0.	.0	2992.0	*	5	20401401	0.	.0	2992.0	
1	0535	68	70.	35.7	3002.6	*	3	1310	735	0.	.0	2992.0	*	5	20451402	0.	.0	2992.0	
1	0540	69	70.	35.4	3002.5	*	3	1315	736	0.	.0	2992.0	*	5	20501403	0.	.0	2992.0	
1	0545	70	70.	35.0	3002.4	*	3	1320	737	0.	.0	2992.0	*	5	20551404	0.	.0	2992.0	
1	0550	71	70.	34.7	3002.4	*	3	1325	738	0.	.0	2992.0	*	5	21001405	0.	.0	2992.0	
1	0555	72	70.	34.3	3002.3	*	3	1330	739	0.	.0	2992.0	*	5	21051406	0.	.0	2992.0	
1	0600	73	69.	33.9	3002.2	*	3	1335	740	0.	.0	2992.0	*	5	21101407	0.	.0	2992.0	
1	0605	74	69.	33.5	3002.1	*	3	1340	741	0.	.0	2992.0	*	5	21151408	0.	.0	2992.0	
1	0610	75	69.	33.1	3002.0	*	3	1345	742	0.	.0	2992.0	*	5	21201409	0.	.0	2992.0	
1	0615	76	69.	32.7	3001.9	*	3	1350	743	0.	.0	2992.0	*	5	21251410	0.	.0	2992.0	
1	0620	77	69.	32.3	3001.8	*	3	1355	744	0.	.0	2992.0	*	5	21301411	0.	.0	2992.0	
1	0625	78	68.	31.8	3001.7	*	3	1400	745	0.	.0	2992.0	*	5	21351412	0.	.0	2992.0	
1	0630	79	68.	31.4	3001.6	*	3	1405	746	0.	.0	2992.0	*	5	21401413	0.	.0	2992.0	
1	0635	80	68.	30.9	3001.5	*	3	1410	747	0.	.0	2992.0	*	5	21451414	0.	.0	2992.0	
1	0640	81	68.	30.5	3001.4	*	3	1415	748	0.	.0	2992.0	*	5	21501415	0.	.0	2992.0	
1	0645	82	67.	30.0	3001.3	*	3	1420	749	0.	.0	2992.0	*	5	21551416	0.	.0	2992.0	
1	0650	83	67.	29.5	3001.2	*	3	1425	750	0.	.0	2992.0	*	5	22001417	0.	.0	2992.0	
1	0655	84	67.	29.1	3001.1	*	3	1430	751	0.	.0	2992.0	*	5	22051418	0.	.0	2992.0	
1	0700	85	67.	28.6	3001.0	*	3	1435	752	0.	.0	2992.0	*	5	22101419	0.	.0	2992.0	
1	0705	86	67.	28.2	3000.9	*	3	1440	753	0.	.0	2992.0	*	5	22151420	0.	.0	2992.0	
1	0710	87	66.	27.7	3000.8	*	3	1445	754	0.	.0	2992.0	*	5	22201421	0.	.0	2992.0	
1	0715	88	66.	27.2	3000.7	*	3	1450	755	0.	.0	2992.0	*	5	22251422	0.	.0	2992.0	
1	0720	89	66.	26.8	3000.6	*	3	1455	756	0.	.0	2992.0	*	5	22301423	0.	.0	2992.0	
1	0725	90	66.	26.3	3000.5	*	3	1500	757	0.	.0	2992.0	*	5	22351424	0.	.0	2992.0	
1	0730	91	65.	25.9	3000.4	*	3	1505	758	0.	.0	2992.0	*	5	22401425	0.	.0	2992.0	
1	0735	92	65.	25.4	3000.3	*	3	1510	759	0.	.0	2992.0	*	5	22451426	0.	.0	2992.0	
1	0740	93	65.	25.0	3000.2	*	3	1515	760	0.	.0	2992.0	*	5	22501427	0.	.0	2992.0	
1	0745	94	65.	24.5	3000.1	*	3	1520	761	0.	.0	2992.0	*	5	22551428	0.	.0	2992.0	
1	0750	95	65.	24.1	2999.9	*	3	1525	762	0.	.0	2992.0	*	5	23001429	0.	.0	2992.0	
1	0755	96	64.	23.6	2999.8	*	3	1530	763	0.	.0	2992.0	*	5	23051430	0.	.0	2992.0	
1	0800	97	64.	23.2	2999.7	*	3	1535	764	0.	.0	2992.0	*	5	23101431	0.	.0	2992.0	
1	0805	98	63.	22.8	2999.5	*	3	1540	765	0.	.0	2992.0	*	5	23151432	0.	.0	2992.0	
1	0810	99	63.	22.3	2999.4	*	3	1545	766	0.	.0	2992.0	*	5	23201433	0.	.0	2992.0	
1	0815	100	63.	21.9	2999.3	*	3	1550	767	0.	.0	2992.0	*	5	23251434	0.	.0	2992.0	
1	0820	101	62.	21.5	2999.2	*	3	1555	768	0.	.0	2992.0	*	5	23301435	0.	.0	2992.0	
1	0825	102	62.	21.0	2999.0	*	3	1600	769	0.	.0	2992.0	*	5	23351436	0.	.0	2992.0	
1	0830	103	62.	20.6	2998.9	*	3	1605	770	0.	.0	2992.0	*	5	23401437	0.	.0	2992.0	
1	0835	104	61.	20.2	2998.8	*	3	1610	771	0.	.0	2992.0	*	5	23451438	0.	.0	2992.0	
1	0840	105	61.	19.8	2998.6	*	3	1615	772	0.	.0	2992.0	*	5	23501439	0.	.0	2992.0	
1	0845	106	61.	19.3	2998.5	*	3	1620	773	0.	.0	2992.0	*	5	23551440	0.	.0	2992.0	
1	0850	107	60.	18.9	2998.4	*	3	1625	774	0.	.0	2992.0	*	6	00001441	0.	.0	2992.0	
1	0855	108	60.	18.5	2998.3	*	3	1630	775	0.	.0	2992.0	*	6	00051442	0.	.0	2992.0	
1	0900	109	60.	18.1	2998.1	*	3	1635	776	0.	.0	2992.0	*	6	00101443	0.	.0	2992.0	
1	0905	110	59.	17.7	2998.0	*	3	1640	777	0.	.0	2992.0	*	6	00151444	0.	.0	2992.0	
1	0910	111	59.	17.3	2997.9	*	3	1645	778	0.	.0	2992.0	*	6	00201445	0.	.0	2992.0	
1	0915	112	59.	16.9	2997.8	*	3	1650	779	0.	.0	2992.0	*	6	00251446	0.	.0	2992.0	
1	0920	113	58.	16.5	2997.7	*	3	1655	780	0.	.0	2992.0	*	6	00301447	0.	.0	2992.0	
1	0925	114	58.	16.1	2997.5	*	3	1700	781	0.	.0	2992.0	*	6	00351448	0.	.0	2992.0	
1	0930	115	58.	15.7	2997.4	*	3	1705	782	0.	.0	2992.0	*	6	00401449	0.	.0	2992.0	
1	0935	116	57.	15.3	2997.3	*	3	1710	783	0.	.0	2992.0	*	6	00451450	0.	.0	2992.0	
1	0940	117	57.	14.9	2997.2	*	3	1715	784	0.	.0	2992.0	*	6	00501451	0.	.0	2992.0	
1	0945	118	57.	14.5	2997.1	*	3	1720	785	0.	.0	2992.0	*	6	00551452	0.	.0	2992.0	
1	0950	119	56.	14.1	2996.9	*	3	1725	786	0.	.0	2992.0	*	6	01001453	0.	.0	2992.0	
1	0955	120	56.	13.7	2996.8	*	3	1730	787	0.	.0	2992.0	*	6	01051454	0.	.0	2992.0	
1	1000	121	56.	13.3	2996.7	*	3	1735	788	0.	.0	2992.0	*	6	01101455	0.	.0	2992.0	
1	1005	122	55.	13.0	2996.6	*	3	1740	789	0.	.0	2992.0	*	6	01151456	0.	.0	2992.0	
1	1010	123	55.	12.6	2996.5	*	3	1745	790	0.	.0	2992.0	*	6	01201457	0.	.0	2992.0	
1	1015	124	55.	12.2	2996.4	*	3	1750	791	0.	.0	2992.0	*	6	01251458	0.	.0	2992.0	
1	1020	125	54.	11.8	2996.3	*	3	1755	792	0.	.0	2992.0	*	6	01301459	0.	.0	2992.0	

												ULT							
1	1025	126	54.	11.4	2996.2	*	3	1800	793	0.	.0	2992.0	*	6	01351460	0.	.0	2992.0	
1	1030	127	54.	11.1	2996.0	*	3	1805	794	0.	.0	2992.0	*	6	01401461	0.	.0	2992.0	
1	1035	128	54.	10.7	2995.9	*	3	1810	795	0.	.0	2992.0	*	6	01451462	0.	.0	2992.0	
1	1040	129	53.	10.3	2995.8	*	3	1815	796	0.	.0	2992.0	*	6	01501463	0.	.0	2992.0	
1	1045	130	53.	10.0	2995.7	*	3	1820	797	0.	.0	2992.0	*	6	01551464	0.	.0	2992.0	
1	1050	131	53.	9.6	2995.6	*	3	1825	798	0.	.0	2992.0	*	6	02001465	0.	.0	2992.0	
1	1055	132	52.	9.2	2995.5	*	3	1830	799	0.	.0	2992.0	*	6	02051466	0.	.0	2992.0	
1	1100	133	52.	8.9	2995.4	*	3	1835	800	0.	.0	2992.0	*	6	02101467	0.	.0	2992.0	
1	1105	134	52.	8.5	2995.3	*	3	1840	801	0.	.0	2992.0	*	6	02151468	0.	.0	2992.0	
1	1110	135	52.	8.2	2995.2	*	3	1845	802	0.	.0	2992.0	*	6	02201469	0.	.0	2992.0	
1	1115	136	51.	7.8	2995.1	*	3	1850	803	0.	.0	2992.0	*	6	02251470	0.	.0	2992.0	
1	1120	137	51.	7.5	2994.9	*	3	1855	804	0.	.0	2992.0	*	6	02301471	0.	.0	2992.0	
1	1125	138	50.	7.1	2994.8	*	3	1900	805	0.	.0	2992.0	*	6	02351472	0.	.0	2992.0	
1	1130	139	50.	6.8	2994.7	*	3	1905	806	0.	.0	2992.0	*	6	02401473	0.	.0	2992.0	
1	1135	140	50.	6.4	2994.6	*	3	1910	807	0.	.0	2992.0	*	6	02451474	0.	.0	2992.0	
1	1140	141	49.	6.1	2994.4	*	3	1915	808	0.	.0	2992.0	*	6	02501475	0.	.0	2992.0	
1	1145	142	49.	5.8	2994.3	*	3	1920	809	0.	.0	2992.0	*	6	02551476	0.	.0	2992.0	
1	1150	143	48.	5.4	2994.2	*	3	1925	810	0.	.0	2992.0	*	6	03001477	0.	.0	2992.0	
1	1155	144	48.	5.1	2994.0	*	3	1930	811	0.	.0	2992.0	*	6	03051478	0.	.0	2992.0	
1	1200	145	47.	4.8	2993.9	*	3	1935	812	0.	.0	2992.0	*	6	03101479	0.	.0	2992.0	
1	1205	146	47.	4.4	2993.8	*	3	1940	813	0.	.0	2992.0	*	6	03151480	0.	.0	2992.0	
1	1210	147	47.	4.1	2993.7	*	3	1945	814	0.	.0	2992.0	*	6	03201481	0.	.0	2992.0	
1	1215	148	46.	3.8	2993.6	*	3	1950	815	0.	.0	2992.0	*	6	03251482	0.	.0	2992.0	
1	1220	149	46.	3.5	2993.4	*	3	1955	816	0.	.0	2992.0	*	6	03301483	0.	.0	2992.0	
1	1225	150	45.	3.2	2993.3	*	3	2000	817	0.	.0	2992.0	*	6	03351484	0.	.0	2992.0	
1	1230	151	45.	2.8	2993.2	*	3	2005	818	0.	.0	2992.0	*	6	03401485	0.	.0	2992.0	
1	1235	152	45.	2.5	2993.1	*	3	2010	819	0.	.0	2992.0	*	6	03451486	0.	.0	2992.0	
1	1240	153	42.	2.2	2993.0	*	3	2015	820	0.	.0	2992.0	*	6	03501487	0.	.0	2992.0	
1	1245	154	37.	2.0	2992.8	*	3	2020	821	0.	.0	2992.0	*	6	03551488	0.	.0	2992.0	
1	1250	155	33.	1.7	2992.7	*	3	2025	822	0.	.0	2992.0	*	6	04001489	0.	.0	2992.0	
1	1255	156	29.	1.5	2992.6	*	3	2030	823	0.	.0	2992.0	*	6	04051490	0.	.0	2992.0	
1	1300	157	25.	1.3	2992.6	*	3	2035	824	0.	.0	2992.0	*	6	04101491	0.	.0	2992.0	
1	1305	158	22.	1.2	2992.5	*	3	2040	825	0.	.0	2992.0	*	6	04151492	0.	.0	2992.0	
1	1310	159	19.	1.0	2992.4	*	3	2045	826	0.	.0	2992.0	*	6	04201493	0.	.0	2992.0	
1	1315	160	17.	.9	2992.4	*	3	2050	827	0.	.0	2992.0	*	6	04251494	0.	.0	2992.0	
1	1320	161	15.	.8	2992.3	*	3	2055	828	0.	.0	2992.0	*	6	04301495	0.	.0	2992.0	
1	1325	162	13.	.7	2992.3	*	3	2100	829	0.	.0	2992.0	*	6	04351496	0.	.0	2992.0	
1	1330	163	11.	.6	2992.3	*	3	2105	830	0.	.0	2992.0	*	6	04401497	0.	.0	2992.0	
1	1335	164	10.	.5	2992.2	*	3	2110	831	0.	.0	2992.0	*	6	04451498	0.	.0	2992.0	
1	1340	165	9.	.5	2992.2	*	3	2115	832	0.	.0	2992.0	*	6	04501499	0.	.0	2992.0	
1	1345	166	8.	.4	2992.2	*	3	2120	833	0.	.0	2992.0	*	6	04551500	0.	.0	2992.0	
1	1350	167	7.	.4	2992.2	*	3	2125	834	0.	.0	2992.0	*	6	05001501	0.	.0	2992.0	
1	1355	168	6.	.3	2992.1	*	3	2130	835	0.	.0	2992.0	*	6	05051502	0.	.0	2992.0	
1	1400	169	5.	.3	2992.1	*	3	2135	836	0.	.0	2992.0	*	6	05101503	0.	.0	2992.0	
1	1405	170	5.	.2	2992.1	*	3	2140	837	0.	.0	2992.0	*	6	05151504	0.	.0	2992.0	
1	1410	171	4.	.2	2992.1	*	3	2145	838	0.	.0	2992.0	*	6	05201505	0.	.0	2992.0	
1	1415	172	4.	.2	2992.1	*	3	2150	839	0.	.0	2992.0	*	6	05251506	0.	.0	2992.0	
1	1420	173	3.	.2	2992.1	*	3	2155	840	0.	.0	2992.0	*	6	05301507	0.	.0	2992.0	
1	1425	174	3.	.1	2992.1	*	3	2200	841	0.	.0	2992.0	*	6	05351508	0.	.0	2992.0	
1	1430	175	2.	.1	2992.1	*	3	2205	842	0.	.0	2992.0	*	6	05401509	0.	.0	2992.0	
1	1435	176	2.	.1	2992.0	*	3	2210	843	0.	.0	2992.0	*	6	05451510	0.	.0	2992.0	
1	1440	177	2.	.1	2992.0	*	3	2215	844	0.	.0	2992.0	*	6	05501511	0.	.0	2992.0	
1	1445	178	2.	.1	2992.0	*	3	2220	845	0.	.0	2992.0	*	6	05551512	0.	.0	2992.0	
1	1450	179	1.	.1	2992.0	*	3	2225	846	0.	.0	2992.0	*	6	06001513	0.	.0	2992.0	
1	1455	180	1.	.1	2992.0	*	3	2230	847	0.	.0	2992.0	*	6	06051514	0.	.0	2992.0	
1	1500	181	1.	.1	2992.0	*	3	2235	848	0.	.0	2992.0	*	6	06101515	0.	.0	2992.0	
1	1505	182	1.	.1	2992.0	*	3	2240	849	0.	.0	2992.0	*	6	06151516	0.	.0	2992.0	
1	1510	183	1.	.0	2992.0	*	3	2245	850	0.	.0	2992.0	*	6	06201517	0.	.0	2992.0	
1	1515	184	1.	.0	2992.0	*	3	2250	851	0.	.0	2992.0	*	6	06251518	0.	.0	2992.0	
1	1520	185	1.	.0	2992.0	*	3	2255	852	0.	.0	2992.0	*	6	06301519	0.	.0	2992.0	
1	1525	186	1.	.0	2992.0	*	3	2300	853	0.	.0	2992.0	*	6	06351520	0.	.0	2992.0	
1	1530	187	0.	.0	2992.0	*	3	2305	854	0.	.0	2992.0	*	6	06401521	0.	.0	2992.0	
1	1535	188	0.	.0	2992.0	*	3	2310	855	0.	.0	2992.0	*	6	06451522	0.	.0	2992.0	
1	1540	189	0.	.0	2992.0	*	3	2315	856	0.	.0	2992.0	*	6	06501523	0.	.0	2992.0	
1	1545	190	0.	.0	2992.0	*	3	2320	857	0.	.0	2992.0	*	6	06551524	0.	.0	2992.0	
1	1550	191	0.	.0	2992.0	*	3	2325	858	0.	.0	2992.0	*	6	07001525	0.	.0	2992.0	
1	1555	192	0.	.0	2992.0	*	3	2330	859	0.	.0	2992.0	*	6	07051526	0.	.0	2992.0	
1	1600	193	0.	.0	2992.0	*	3	2335	860	0.	.0	2992.0	*	6	07101527	0.	.0	2992.0	
1	1605	194	0.	.0	2992.0	*	3	2340	861	0.	.0	2992.0	*	6	07151528	0.	.0	2992.0	
1	1610	195	0.	.0	2992.0	*	3	2345	862	0.	.0	2992.0	*	6	07201529	0.	.0	2992.0	
1	1615	196	0.	.0	2992.0	*	3	2350	863	0.	.0	2992.0	*	6	07251530	0.	.0	2992.0	
1	1620	197	0.	.0	2992.0	*	3	2355	864	0.	.0	2992.0	*	6	07301531	0.	.0	2992.0	
1	1625	198	0.	.0	2992.0	*	4	0000	865	0.	.0	2992.0	*	6	07351532	0.	.0	2992.0	
1	1630	199	0.	.0	2992.0	*	4	0005	866	0.	.0	2992.0	*	6	07401533	0.	.0	2992.0	
1	1635	200	0.	.0	2992.0	*	4	0010	867	0.	.0	2992.0	*	6	07451534	0.	.0	2992.0	
1	1640	201	0.	.0	2992.0	*	4	0015	868	0.	.0	2992.0	*	6	07501535	0.	.0	2992.0	
1	1645	202	0.	.0	2992.0	*	4	0020	869	0.	.0	2992.0	*	6	07551536	0.	.0	2992.0	
1	1650	203	0.	.0	2992.0	*	4	0025	870	0.	.0	2992.0	*	6	08001537	0.	.0	2992.0	
1	1655	204	0.	.0	2992.0	*	4	0030	871	0.	.0	2992.0	*	6	08051538	0.	.0	2992.0	
1	1700	205	0.	.0	2992.0	*	4	0035	872	0.	.0	2992.0	*	6	08101539	0.	.0	2992.0	
1	1705	206	0.	.0	2992.0	*	4	0040	873	0.	.0	2992.0	*	6	08151540	0.	.0	2992.0	
1	1710	207	0.	.0	2992.0	*	4	0045	874	0.	.0	2992.0	*	6	08201541	0.	.0	2992.0	
1	1715	208	0.	.0	2992.0	*	4	0050	875	0.	.0	2992.0	*	6	08251542	0.	.0	2992.0	
1	1720	209	0.	.0	2992.0	*	4	0055	876	0.	.0	2992.0	*	6	08301543	0.	.0	2992.0	
1	1725	210	0.	.0	2992.0	*	4	0100	877	0.	.0	2992.0	*	6	08351544	0.	.0	2992.0	
1	1730	211	0.	.0	2992.0	*	4	0105	878	0.	.0	2992.0	*	6	08401545	0.	.0	2992.0	
1	1735	212	0.	.0	2992.0	*	4	0110	879	0.	.0	2992.0	*	6	08451546	0.	.0	2992.0	
1	1740	213	0.	.0	2992.0	*	4	0115	880	0.	.0	2992.0	*	6	08501547	0.	.0	2992.0	
1	1745	214	0.	.0	2992.0	*	4	0120	881	0.	.0	2992.0	*	6	08551548	0.	.0	2992.0	

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1	1750	215	0.	.0	2992.0	*	4	0125	882	0.	.0	2992.0	*	6	09001549	0.	.0	2992.0
1	1755	216	0.	.0	2992.0	*	4	0130	883	0.	.0	2992.0	*	6	09051550	0.	.0	2992.0
1	1800	217	0.	.0	2992.0	*	4	0135	884	0.	.0	2992.0	*	6	09101551	0.	.0	2992.0
1	1805	218	0.	.0	2992.0	*	4	0140	885	0.	.0	2992.0	*	6	09151552	0.	.0	2992.0
1	1810	219	0.	.0	2992.0	*	4	0145	886	0.	.0	2992.0	*	6	09201553	0.	.0	2992.0
1	1815	220	0.	.0	2992.0	*	4	0150	887	0.	.0	2992.0	*	6	09251554	0.	.0	2992.0
1	1820	221	0.	.0	2992.0	*	4	0155	888	0.	.0	2992.0	*	6	09301555	0.	.0	2992.0
1	1825	222	0.	.0	2992.0	*	4	0200	889	0.	.0	2992.0	*	6	09351556	0.	.0	2992.0
1	1830	223	0.	.0	2992.0	*	4	0205	890	0.	.0	2992.0	*	6	09401557	0.	.0	2992.0
1	1835	224	0.	.0	2992.0	*	4	0210	891	0.	.0	2992.0	*	6	09451558	0.	.0	2992.0
1	1840	225	0.	.0	2992.0	*	4	0215	892	0.	.0	2992.0	*	6	09501559	0.	.0	2992.0
1	1845	226	0.	.0	2992.0	*	4	0220	893	0.	.0	2992.0	*	6	09551560	0.	.0	2992.0
1	1850	227	0.	.0	2992.0	*	4	0225	894	0.	.0	2992.0	*	6	10001561	0.	.0	2992.0
1	1855	228	0.	.0	2992.0	*	4	0230	895	0.	.0	2992.0	*	6	10051562	0.	.0	2992.0
1	1900	229	0.	.0	2992.0	*	4	0235	896	0.	.0	2992.0	*	6	10101563	0.	.0	2992.0
1	1905	230	0.	.0	2992.0	*	4	0240	897	0.	.0	2992.0	*	6	10151564	0.	.0	2992.0
1	1910	231	0.	.0	2992.0	*	4	0245	898	0.	.0	2992.0	*	6	10201565	0.	.0	2992.0
1	1915	232	0.	.0	2992.0	*	4	0250	899	0.	.0	2992.0	*	6	10251566	0.	.0	2992.0
1	1920	233	0.	.0	2992.0	*	4	0255	900	0.	.0	2992.0	*	6	10301567	0.	.0	2992.0
1	1925	234	0.	.0	2992.0	*	4	0300	901	0.	.0	2992.0	*	6	10351568	0.	.0	2992.0
1	1930	235	0.	.0	2992.0	*	4	0305	902	0.	.0	2992.0	*	6	10401569	0.	.0	2992.0
1	1935	236	0.	.0	2992.0	*	4	0310	903	0.	.0	2992.0	*	6	10451570	0.	.0	2992.0
1	1940	237	0.	.0	2992.0	*	4	0315	904	0.	.0	2992.0	*	6	10501571	0.	.0	2992.0
1	1945	238	0.	.0	2992.0	*	4	0320	905	0.	.0	2992.0	*	6	10551572	0.	.0	2992.0
1	1950	239	0.	.0	2992.0	*	4	0325	906	0.	.0	2992.0	*	6	11001573	0.	.0	2992.0
1	1955	240	0.	.0	2992.0	*	4	0330	907	0.	.0	2992.0	*	6	11051574	0.	.0	2992.0
1	2000	241	0.	.0	2992.0	*	4	0335	908	0.	.0	2992.0	*	6	11101575	0.	.0	2992.0
1	2005	242	0.	.0	2992.0	*	4	0340	909	0.	.0	2992.0	*	6	11151576	0.	.0	2992.0
1	2010	243	0.	.0	2992.0	*	4	0345	910	0.	.0	2992.0	*	6	11201577	0.	.0	2992.0
1	2015	244	0.	.0	2992.0	*	4	0350	911	0.	.0	2992.0	*	6	11251578	0.	.0	2992.0
1	2020	245	0.	.0	2992.0	*	4	0355	912	0.	.0	2992.0	*	6	11301579	0.	.0	2992.0
1	2025	246	0.	.0	2992.0	*	4	0400	913	0.	.0	2992.0	*	6	11351580	0.	.0	2992.0
1	2030	247	0.	.0	2992.0	*	4	0405	914	0.	.0	2992.0	*	6	11401581	0.	.0	2992.0
1	2035	248	0.	.0	2992.0	*	4	0410	915	0.	.0	2992.0	*	6	11451582	0.	.0	2992.0
1	2040	249	0.	.0	2992.0	*	4	0415	916	0.	.0	2992.0	*	6	11501583	0.	.0	2992.0
1	2045	250	0.	.0	2992.0	*	4	0420	917	0.	.0	2992.0	*	6	11551584	0.	.0	2992.0
1	2050	251	0.	.0	2992.0	*	4	0425	918	0.	.0	2992.0	*	6	12001585	0.	.0	2992.0
1	2055	252	0.	.0	2992.0	*	4	0430	919	0.	.0	2992.0	*	6	12051586	0.	.0	2992.0
1	2100	253	0.	.0	2992.0	*	4	0435	920	0.	.0	2992.0	*	6	12101587	0.	.0	2992.0
1	2105	254	0.	.0	2992.0	*	4	0440	921	0.	.0	2992.0	*	6	12151588	0.	.0	2992.0
1	2110	255	0.	.0	2992.0	*	4	0445	922	0.	.0	2992.0	*	6	12201589	0.	.0	2992.0
1	2115	256	0.	.0	2992.0	*	4	0450	923	0.	.0	2992.0	*	6	12251590	0.	.0	2992.0
1	2120	257	0.	.0	2992.0	*	4	0455	924	0.	.0	2992.0	*	6	12301591	0.	.0	2992.0
1	2125	258	0.	.0	2992.0	*	4	0500	925	0.	.0	2992.0	*	6	12351592	0.	.0	2992.0
1	2130	259	0.	.0	2992.0	*	4	0505	926	0.	.0	2992.0	*	6	12401593	0.	.0	2992.0
1	2135	260	0.	.0	2992.0	*	4	0510	927	0.	.0	2992.0	*	6	12451594	0.	.0	2992.0
1	2140	261	0.	.0	2992.0	*	4	0515	928	0.	.0	2992.0	*	6	12501595	0.	.0	2992.0
1	2145	262	0.	.0	2992.0	*	4	0520	929	0.	.0	2992.0	*	6	12551596	0.	.0	2992.0
1	2150	263	0.	.0	2992.0	*	4	0525	930	0.	.0	2992.0	*	6	13001597	0.	.0	2992.0
1	2155	264	0.	.0	2992.0	*	4	0530	931	0.	.0	2992.0	*	6	13051598	0.	.0	2992.0
1	2200	265	0.	.0	2992.0	*	4	0535	932	0.	.0	2992.0	*	6	13101599	0.	.0	2992.0
1	2205	266	0.	.0	2992.0	*	4	0540	933	0.	.0	2992.0	*	6	13151600	0.	.0	2992.0
1	2210	267	0.	.0	2992.0	*	4	0545	934	0.	.0	2992.0	*	6	13201601	0.	.0	2992.0
1	2215	268	0.	.0	2992.0	*	4	0550	935	0.	.0	2992.0	*	6	13251602	0.	.0	2992.0
1	2220	269	0.	.0	2992.0	*	4	0555	936	0.	.0	2992.0	*	6	13301603	0.	.0	2992.0
1	2225	270	0.	.0	2992.0	*	4	0600	937	0.	.0	2992.0	*	6	13351604	0.	.0	2992.0
1	2230	271	0.	.0	2992.0	*	4	0605	938	0.	.0	2992.0	*	6	13401605	0.	.0	2992.0
1	2235	272	0.	.0	2992.0	*	4	0610	939	0.	.0	2992.0	*	6	13451606	0.	.0	2992.0
1	2240	273	0.	.0	2992.0	*	4	0615	940	0.	.0	2992.0	*	6	13501607	0.	.0	2992.0
1	2245	274	0.	.0	2992.0	*	4	0620	941	0.	.0	2992.0	*	6	13551608	0.	.0	2992.0
1	2250	275	0.	.0	2992.0	*	4	0625	942	0.	.0	2992.0	*	6	14001609	0.	.0	2992.0
1	2255	276	0.	.0	2992.0	*	4	0630	943	0.	.0	2992.0	*	6	14051610	0.	.0	2992.0
1	2300	277	0.	.0	2992.0	*	4	0635	944	0.	.0	2992.0	*	6	14101611	0.	.0	2992.0
1	2305	278	0.	.0	2992.0	*	4	0640	945	0.	.0	2992.0	*	6	14151612	0.	.0	2992.0
1	2310	279	0.	.0	2992.0	*	4	0645	946	0.	.0	2992.0	*	6	14201613	0.	.0	2992.0
1	2315	280	0.	.0	2992.0	*	4	0650	947	0.	.0	2992.0	*	6	14251614	0.	.0	2992.0
1	2320	281	0.	.0	2992.0	*	4	0655	948	0.	.0	2992.0	*	6	14301615	0.	.0	2992.0
1	2325	282	0.	.0	2992.0	*	4	0700	949	0.	.0	2992.0	*	6	14351616	0.	.0	2992.0
1	2330	283	0.	.0	2992.0	*	4	0705	950	0.	.0	2992.0	*	6	14401617	0.	.0	2992.0
1	2335	284	0.	.0	2992.0	*	4	0710	951	0.	.0	2992.0	*	6	14451618	0.	.0	2992.0
1	2340	285	0.	.0	2992.0	*	4	0715	952	0.	.0	2992.0	*	6	14501619	0.	.0	2992.0
1	2345	286	0.	.0	2992.0	*	4	0720	953	0.	.0	2992.0	*	6	14551620	0.	.0	2992.0
1	2350	287	0.	.0	2992.0	*	4	0725	954	0.	.0	2992.0	*	6	15001621	0.	.0	2992.0
1	2355	288	0.	.0	2992.0	*	4	0730	955	0.	.0	2992.0	*	6	15051622	0.	.0	2992.0
2	0000	289	0.	.0	2992.0	*	4	0735	956	0.	.0	2992.0	*	6	15101623	0.	.0	2992.0
2	0005	290	0.	.0	2992.0	*	4	0740	957	0.	.0	2992.0	*	6	15151624	0.	.0	2992.0
2	0010	291	0.	.0	2992.0	*	4	0745	958	0.	.0	2992.0	*	6	15201625	0.	.0	2992.0
2	0015	292	0.	.0	2992.0	*	4	0750	959	0.	.0	2992.0	*	6	15251626	0.	.0	2992.0
2	0020	293	0.	.0	2992.0	*	4	0755	960	0.	.0	2992.0	*	6	15301627	0.	.0	2992.0
2	0025	294	0.	.0	2992.0	*	4	0800	961	0.	.0	2992.0	*	6	15351628	0.	.0	2992.0
2	0030	295	0.	.0	2992.0	*	4	0805	962	0.	.0	2992.0	*	6	15401629	0.	.0	2992.0
2	0035	296	0.	.0	2992.0	*	4	0810	963	0.	.0	2992.0	*	6	15451630	0.	.0	2992.0
2	0040	297	0.	.0	2992.0	*	4	0815	964	0.	.0	2992.0	*	6	15501631	0.	.0	2992.0
2	0045	298	0.	.0	2992.0	*	4	0820	965	0.	.0	2992.0	*	6	15551632	0.	.0	2992.0
2	0050	299	0.	.0	2992.0	*	4	0825	966	0.	.0	2992.0	*	6	16001633	0.	.0	2992.0
2	0055	300	0.	.0	2992.0	*	4	0830	967	0.	.0	2992.0	*	6	16051634	0.	.0	2992.0
2	0100	301	0.	.0	2992.0	*	4	0835	968	0.	.0	2992.0	*	6	16101635	0.	.0	2992.0
2	0105	302	0.	.0	2992.0	*	4	0840	969	0.	.0	2992.0	*	6	16151636	0.	.0	2992.0
2	0110	303	0.	.0	2992.0	*	4	0845	970	0.	.0	2992.0	*	6	16201637	0.	.0	2992.0

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2	0115	304	0.	.0	2992.0	* 4	0850	971	0.	.0	2992.0	* 6	16251638	0.	.0	2992.0
2	0120	305	0.	.0	2992.0	* 4	0855	972	0.	.0	2992.0	* 6	16301639	0.	.0	2992.0
2	0125	306	0.	.0	2992.0	* 4	0900	973	0.	.0	2992.0	* 6	16351640	0.	.0	2992.0
2	0130	307	0.	.0	2992.0	* 4	0905	974	0.	.0	2992.0	* 6	16401641	0.	.0	2992.0
2	0135	308	0.	.0	2992.0	* 4	0910	975	0.	.0	2992.0	* 6	16451642	0.	.0	2992.0
2	0140	309	0.	.0	2992.0	* 4	0915	976	0.	.0	2992.0	* 6	16501643	0.	.0	2992.0
2	0145	310	0.	.0	2992.0	* 4	0920	977	0.	.0	2992.0	* 6	16551644	0.	.0	2992.0
2	0150	311	0.	.0	2992.0	* 4	0925	978	0.	.0	2992.0	* 6	17001645	0.	.0	2992.0
2	0155	312	0.	.0	2992.0	* 4	0930	979	0.	.0	2992.0	* 6	17051646	0.	.0	2992.0
2	0200	313	0.	.0	2992.0	* 4	0935	980	0.	.0	2992.0	* 6	17101647	0.	.0	2992.0
2	0205	314	0.	.0	2992.0	* 4	0940	981	0.	.0	2992.0	* 6	17151648	0.	.0	2992.0
2	0210	315	0.	.0	2992.0	* 4	0945	982	0.	.0	2992.0	* 6	17201649	0.	.0	2992.0
2	0215	316	0.	.0	2992.0	* 4	0950	983	0.	.0	2992.0	* 6	17251650	0.	.0	2992.0
2	0220	317	0.	.0	2992.0	* 4	0955	984	0.	.0	2992.0	* 6	17301651	0.	.0	2992.0
2	0225	318	0.	.0	2992.0	* 4	1000	985	0.	.0	2992.0	* 6	17351652	0.	.0	2992.0
2	0230	319	0.	.0	2992.0	* 4	1005	986	0.	.0	2992.0	* 6	17401653	0.	.0	2992.0
2	0235	320	0.	.0	2992.0	* 4	1010	987	0.	.0	2992.0	* 6	17451654	0.	.0	2992.0
2	0240	321	0.	.0	2992.0	* 4	1015	988	0.	.0	2992.0	* 6	17501655	0.	.0	2992.0
2	0245	322	0.	.0	2992.0	* 4	1020	989	0.	.0	2992.0	* 6	17551656	0.	.0	2992.0
2	0250	323	0.	.0	2992.0	* 4	1025	990	0.	.0	2992.0	* 6	18001657	0.	.0	2992.0
2	0255	324	0.	.0	2992.0	* 4	1030	991	0.	.0	2992.0	* 6	18051658	0.	.0	2992.0
2	0300	325	0.	.0	2992.0	* 4	1035	992	0.	.0	2992.0	* 6	18101659	0.	.0	2992.0
2	0305	326	0.	.0	2992.0	* 4	1040	993	0.	.0	2992.0	* 6	18151660	0.	.0	2992.0
2	0310	327	0.	.0	2992.0	* 4	1045	994	0.	.0	2992.0	* 6	18201661	0.	.0	2992.0
2	0315	328	0.	.0	2992.0	* 4	1050	995	0.	.0	2992.0	* 6	18251662	0.	.0	2992.0
2	0320	329	0.	.0	2992.0	* 4	1055	996	0.	.0	2992.0	* 6	18301663	0.	.0	2992.0
2	0325	330	0.	.0	2992.0	* 4	1100	997	0.	.0	2992.0	* 6	18351664	0.	.0	2992.0
2	0330	331	0.	.0	2992.0	* 4	1105	998	0.	.0	2992.0	* 6	18401665	0.	.0	2992.0
2	0335	332	0.	.0	2992.0	* 4	1110	999	0.	.0	2992.0	* 6	18451666	0.	.0	2992.0
2	0340	333	0.	.0	2992.0	* 4	11151000		0.	.0	2992.0	* 6	18501667	0.	.0	2992.0
2	0345	334	0.	.0	2992.0	* 4	11201001		0.	.0	2992.0	* 6	18551668	0.	.0	2992.0
2	0350	335	0.	.0	2992.0	* 4	11251002		0.	.0	2992.0	* 6	19001669	0.	.0	2992.0
2	0355	336	0.	.0	2992.0	* 4	11301003		0.	.0	2992.0	* 6	19051670	0.	.0	2992.0
2	0400	337	0.	.0	2992.0	* 4	11351004		0.	.0	2992.0	* 6	19101671	0.	.0	2992.0
2	0405	338	0.	.0	2992.0	* 4	11401005		0.	.0	2992.0	* 6	19151672	0.	.0	2992.0
2	0410	339	0.	.0	2992.0	* 4	11451006		0.	.0	2992.0	* 6	19201673	0.	.0	2992.0
2	0415	340	0.	.0	2992.0	* 4	11501007		0.	.0	2992.0	* 6	19251674	0.	.0	2992.0
2	0420	341	0.	.0	2992.0	* 4	11551008		0.	.0	2992.0	* 6	19301675	0.	.0	2992.0
2	0425	342	0.	.0	2992.0	* 4	12001009		0.	.0	2992.0	* 6	19351676	0.	.0	2992.0
2	0430	343	0.	.0	2992.0	* 4	12051010		0.	.0	2992.0	* 6	19401677	0.	.0	2992.0
2	0435	344	0.	.0	2992.0	* 4	12101011		0.	.0	2992.0	* 6	19451678	0.	.0	2992.0
2	0440	345	0.	.0	2992.0	* 4	12151012		0.	.0	2992.0	* 6	19501679	0.	.0	2992.0
2	0445	346	0.	.0	2992.0	* 4	12201013		0.	.0	2992.0	* 6	19551680	0.	.0	2992.0
2	0450	347	0.	.0	2992.0	* 4	12251014		0.	.0	2992.0	* 6	20001681	0.	.0	2992.0
2	0455	348	0.	.0	2992.0	* 4	12301015		0.	.0	2992.0	* 6	20051682	0.	.0	2992.0
2	0500	349	0.	.0	2992.0	* 4	12351016		0.	.0	2992.0	* 6	20101683	0.	.0	2992.0
2	0505	350	0.	.0	2992.0	* 4	12401017		0.	.0	2992.0	* 6	20151684	0.	.0	2992.0
2	0510	351	0.	.0	2992.0	* 4	12451018		0.	.0	2992.0	* 6	20201685	0.	.0	2992.0
2	0515	352	0.	.0	2992.0	* 4	12501019		0.	.0	2992.0	* 6	20251686	0.	.0	2992.0
2	0520	353	0.	.0	2992.0	* 4	12551020		0.	.0	2992.0	* 6	20301687	0.	.0	2992.0
2	0525	354	0.	.0	2992.0	* 4	13001021		0.	.0	2992.0	* 6	20351688	0.	.0	2992.0
2	0530	355	0.	.0	2992.0	* 4	13051022		0.	.0	2992.0	* 6	20401689	0.	.0	2992.0
2	0535	356	0.	.0	2992.0	* 4	13101023		0.	.0	2992.0	* 6	20451690	0.	.0	2992.0
2	0540	357	0.	.0	2992.0	* 4	13151024		0.	.0	2992.0	* 6	20501691	0.	.0	2992.0
2	0545	358	0.	.0	2992.0	* 4	13201025		0.	.0	2992.0	* 6	20551692	0.	.0	2992.0
2	0550	359	0.	.0	2992.0	* 4	13251026		0.	.0	2992.0	* 6	21001693	0.	.0	2992.0
2	0555	360	0.	.0	2992.0	* 4	13301027		0.	.0	2992.0	* 6	21051694	0.	.0	2992.0
2	0600	361	0.	.0	2992.0	* 4	13351028		0.	.0	2992.0	* 6	21101695	0.	.0	2992.0
2	0605	362	0.	.0	2992.0	* 4	13401029		0.	.0	2992.0	* 6	21151696	0.	.0	2992.0
2	0610	363	0.	.0	2992.0	* 4	13451030		0.	.0	2992.0	* 6	21201697	0.	.0	2992.0
2	0615	364	0.	.0	2992.0	* 4	13501031		0.	.0	2992.0	* 6	21251698	0.	.0	2992.0
2	0620	365	0.	.0	2992.0	* 4	13551032		0.	.0	2992.0	* 6	21301699	0.	.0	2992.0
2	0625	366	0.	.0	2992.0	* 4	14001033		0.	.0	2992.0	* 6	21351700	0.	.0	2992.0
2	0630	367	0.	.0	2992.0	* 4	14051034		0.	.0	2992.0	* 6	21401701	0.	.0	2992.0
2	0635	368	0.	.0	2992.0	* 4	14101035		0.	.0	2992.0	* 6	21451702	0.	.0	2992.0
2	0640	369	0.	.0	2992.0	* 4	14151036		0.	.0	2992.0	* 6	21501703	0.	.0	2992.0
2	0645	370	0.	.0	2992.0	* 4	14201037		0.	.0	2992.0	* 6	21551704	0.	.0	2992.0
2	0650	371	0.	.0	2992.0	* 4	14251038		0.	.0	2992.0	* 6	22001705	0.	.0	2992.0
2	0655	372	0.	.0	2992.0	* 4	14301039		0.	.0	2992.0	* 6	22051706	0.	.0	2992.0
2	0700	373	0.	.0	2992.0	* 4	14351040		0.	.0	2992.0	* 6	22101707	0.	.0	2992.0
2	0705	374	0.	.0	2992.0	* 4	14401041		0.	.0	2992.0	* 6	22151708	0.	.0	2992.0
2	0710	375	0.	.0	2992.0	* 4	14451042		0.	.0	2992.0	* 6	22201709	0.	.0	2992.0
2	0715	376	0.	.0	2992.0	* 4	14501043		0.	.0	2992.0	* 6	22251710	0.	.0	2992.0
2	0720	377	0.	.0	2992.0	* 4	14551044		0.	.0	2992.0	* 6	22301711	0.	.0	2992.0
2	0725	378	0.	.0	2992.0	* 4	15001045		0.	.0	2992.0	* 6	22351712	0.	.0	2992.0
2	0730	379	0.	.0	2992.0	* 4	15051046		0.	.0	2992.0	* 6	22401713	0.	.0	2992.0
2	0735	380	0.	.0	2992.0	* 4	15101047		0.	.0	2992.0	* 6	22451714	0.	.0	2992.0
2	0740	381	0.	.0	2992.0	* 4	15151048		0.	.0	2992.0	* 6	22501715	0.	.0	2992.0
2	0745	382	0.	.0	2992.0	* 4	15201049		0.	.0	2992.0	* 6	22551716	0.	.0	2992.0
2	0750	383	0.	.0	2992.0	* 4	15251050		0.	.0	2992.0	* 6	23001717	0.	.0	2992.0
2	0755	384	0.	.0	2992.0	* 4	15301051		0.	.0	2992.0	* 6	23051718	0.	.0	2992.0
2	0800	385	0.	.0	2992.0	* 4	15351052		0.	.0	2992.0	* 6	23101719	0.	.0	2992.0
2	0805	386	0.	.0	2992.0	* 4	15401053		0.	.0	2992.0	* 6	23151720	0.	.0	2992.0
2	0810	387	0.	.0	2992.0	* 4	15451054		0.	.0	2992.0	* 6	23201721	0.	.0	2992.0
2	0815	388	0.	.0	2992.0	* 4	15501055		0.	.0	2992.0	* 6	23251722	0.	.0	2992.0
2	0820	389	0.	.0	2992.0	* 4	15551056		0.	.0	2992.0	* 6	23301723	0.	.0	2992.0
2	0825	390	0.	.0	2992.0	* 4	16001057		0.	.0	2992.0	* 6	23351724	0.	.0	2992.0
2	0830	391	0.	.0	2992.0	* 4	16051058		0.	.0	2992.0	* 6	23401725	0.	.0	2992.0
2	0835	392	0.	.0	2992.0	* 4	16101059		0.	.0	2992.0	* 6	23451726	0.	.0	2992.0

										ULT						
2	0840	393	0.	.0	2992.0	* 4	16151060	0.	.0	2992.0	* 6	23501727	0.	.0	2992.0	
2	0845	394	0.	.0	2992.0	* 4	16201061	0.	.0	2992.0	* 6	23551728	0.	.0	2992.0	
2	0850	395	0.	.0	2992.0	* 4	16251062	0.	.0	2992.0	* 7	00001729	0.	.0	2992.0	
2	0855	396	0.	.0	2992.0	* 4	16301063	0.	.0	2992.0	* 7	00051730	0.	.0	2992.0	
2	0900	397	0.	.0	2992.0	* 4	16351064	0.	.0	2992.0	* 7	00101731	0.	.0	2992.0	
2	0905	398	0.	.0	2992.0	* 4	16401065	0.	.0	2992.0	* 7	00151732	0.	.0	2992.0	
2	0910	399	0.	.0	2992.0	* 4	16451066	0.	.0	2992.0	* 7	00201733	0.	.0	2992.0	
2	0915	400	0.	.0	2992.0	* 4	16501067	0.	.0	2992.0	* 7	00251734	0.	.0	2992.0	
2	0920	401	0.	.0	2992.0	* 4	16551068	0.	.0	2992.0	* 7	00301735	0.	.0	2992.0	
2	0925	402	0.	.0	2992.0	* 4	17001069	0.	.0	2992.0	* 7	00351736	0.	.0	2992.0	
2	0930	403	0.	.0	2992.0	* 4	17051070	0.	.0	2992.0	* 7	00401737	0.	.0	2992.0	
2	0935	404	0.	.0	2992.0	* 4	17101071	0.	.0	2992.0	* 7	00451738	0.	.0	2992.0	
2	0940	405	0.	.0	2992.0	* 4	17151072	0.	.0	2992.0	* 7	00501739	0.	.0	2992.0	
2	0945	406	0.	.0	2992.0	* 4	17201073	0.	.0	2992.0	* 7	00551740	0.	.0	2992.0	
2	0950	407	0.	.0	2992.0	* 4	17251074	0.	.0	2992.0	* 7	01001741	0.	.0	2992.0	
2	0955	408	0.	.0	2992.0	* 4	17301075	0.	.0	2992.0	* 7	01051742	0.	.0	2992.0	
2	1000	409	0.	.0	2992.0	* 4	17351076	0.	.0	2992.0	* 7	01101743	0.	.0	2992.0	
2	1005	410	0.	.0	2992.0	* 4	17401077	0.	.0	2992.0	* 7	01151744	0.	.0	2992.0	
2	1010	411	0.	.0	2992.0	* 4	17451078	0.	.0	2992.0	* 7	01201745	0.	.0	2992.0	
2	1015	412	0.	.0	2992.0	* 4	17501079	0.	.0	2992.0	* 7	01251746	0.	.0	2992.0	
2	1020	413	0.	.0	2992.0	* 4	17551080	0.	.0	2992.0	* 7	01301747	0.	.0	2992.0	
2	1025	414	0.	.0	2992.0	* 4	18001081	0.	.0	2992.0	* 7	01351748	0.	.0	2992.0	
2	1030	415	0.	.0	2992.0	* 4	18051082	0.	.0	2992.0	* 7	01401749	0.	.0	2992.0	
2	1035	416	0.	.0	2992.0	* 4	18101083	0.	.0	2992.0	* 7	01451750	0.	.0	2992.0	
2	1040	417	0.	.0	2992.0	* 4	18151084	0.	.0	2992.0	* 7	01501751	0.	.0	2992.0	
2	1045	418	0.	.0	2992.0	* 4	18201085	0.	.0	2992.0	* 7	01551752	0.	.0	2992.0	
2	1050	419	0.	.0	2992.0	* 4	18251086	0.	.0	2992.0	* 7	02001753	0.	.0	2992.0	
2	1055	420	0.	.0	2992.0	* 4	18301087	0.	.0	2992.0	* 7	02051754	0.	.0	2992.0	
2	1100	421	0.	.0	2992.0	* 4	18351088	0.	.0	2992.0	* 7	02101755	0.	.0	2992.0	
2	1105	422	0.	.0	2992.0	* 4	18401089	0.	.0	2992.0	* 7	02151756	0.	.0	2992.0	
2	1110	423	0.	.0	2992.0	* 4	18451090	0.	.0	2992.0	* 7	02201757	0.	.0	2992.0	
2	1115	424	0.	.0	2992.0	* 4	18501091	0.	.0	2992.0	* 7	02251758	0.	.0	2992.0	
2	1120	425	0.	.0	2992.0	* 4	18551092	0.	.0	2992.0	* 7	02301759	0.	.0	2992.0	
2	1125	426	0.	.0	2992.0	* 4	19001093	0.	.0	2992.0	* 7	02351760	0.	.0	2992.0	
2	1130	427	0.	.0	2992.0	* 4	19051094	0.	.0	2992.0	* 7	02401761	0.	.0	2992.0	
2	1135	428	0.	.0	2992.0	* 4	19101095	0.	.0	2992.0	* 7	02451762	0.	.0	2992.0	
2	1140	429	0.	.0	2992.0	* 4	19151096	0.	.0	2992.0	* 7	02501763	0.	.0	2992.0	
2	1145	430	0.	.0	2992.0	* 4	19201097	0.	.0	2992.0	* 7	02551764	0.	.0	2992.0	
2	1150	431	0.	.0	2992.0	* 4	19251098	0.	.0	2992.0	* 7	03001765	0.	.0	2992.0	
2	1155	432	0.	.0	2992.0	* 4	19301099	0.	.0	2992.0	* 7	03051766	0.	.0	2992.0	
2	1200	433	0.	.0	2992.0	* 4	19351100	0.	.0	2992.0	* 7	03101767	0.	.0	2992.0	
2	1205	434	0.	.0	2992.0	* 4	19401101	0.	.0	2992.0	* 7	03151768	0.	.0	2992.0	
2	1210	435	0.	.0	2992.0	* 4	19451102	0.	.0	2992.0	* 7	03201769	0.	.0	2992.0	
2	1215	436	0.	.0	2992.0	* 4	19501103	0.	.0	2992.0	* 7	03251770	0.	.0	2992.0	
2	1220	437	0.	.0	2992.0	* 4	19551104	0.	.0	2992.0	* 7	03301771	0.	.0	2992.0	
2	1225	438	0.	.0	2992.0	* 4	20001105	0.	.0	2992.0	* 7	03351772	0.	.0	2992.0	
2	1230	439	0.	.0	2992.0	* 4	20051106	0.	.0	2992.0	* 7	03401773	0.	.0	2992.0	
2	1235	440	0.	.0	2992.0	* 4	20101107	0.	.0	2992.0	* 7	03451774	0.	.0	2992.0	
2	1240	441	0.	.0	2992.0	* 4	20151108	0.	.0	2992.0	* 7	03501775	0.	.0	2992.0	
2	1245	442	0.	.0	2992.0	* 4	20201109	0.	.0	2992.0	* 7	03551776	0.	.0	2992.0	
2	1250	443	0.	.0	2992.0	* 4	20251110	0.	.0	2992.0	* 7	04001777	0.	.0	2992.0	
2	1255	444	0.	.0	2992.0	* 4	20301111	0.	.0	2992.0	* 7	04051778	0.	.0	2992.0	
2	1300	445	0.	.0	2992.0	* 4	20351112	0.	.0	2992.0	* 7	04101779	0.	.0	2992.0	
2	1305	446	0.	.0	2992.0	* 4	20401113	0.	.0	2992.0	* 7	04151780	0.	.0	2992.0	
2	1310	447	0.	.0	2992.0	* 4	20451114	0.	.0	2992.0	* 7	04201781	0.	.0	2992.0	
2	1315	448	0.	.0	2992.0	* 4	20501115	0.	.0	2992.0	* 7	04251782	0.	.0	2992.0	
2	1320	449	0.	.0	2992.0	* 4	20551116	0.	.0	2992.0	* 7	04301783	0.	.0	2992.0	
2	1325	450	0.	.0	2992.0	* 4	21001117	0.	.0	2992.0	* 7	04351784	0.	.0	2992.0	
2	1330	451	0.	.0	2992.0	* 4	21051118	0.	.0	2992.0	* 7	04401785	0.	.0	2992.0	
2	1335	452	0.	.0	2992.0	* 4	21101119	0.	.0	2992.0	* 7	04451786	0.	.0	2992.0	
2	1340	453	0.	.0	2992.0	* 4	21151120	0.	.0	2992.0	* 7	04501787	0.	.0	2992.0	
2	1345	454	0.	.0	2992.0	* 4	21201121	0.	.0	2992.0	* 7	04551788	0.	.0	2992.0	
2	1350	455	0.	.0	2992.0	* 4	21251122	0.	.0	2992.0	* 7	05001789	0.	.0	2992.0	
2	1355	456	0.	.0	2992.0	* 4	21301123	0.	.0	2992.0	* 7	05051790	0.	.0	2992.0	
2	1400	457	0.	.0	2992.0	* 4	21351124	0.	.0	2992.0	* 7	05101791	0.	.0	2992.0	
2	1405	458	0.	.0	2992.0	* 4	21401125	0.	.0	2992.0	* 7	05151792	0.	.0	2992.0	
2	1410	459	0.	.0	2992.0	* 4	21451126	0.	.0	2992.0	* 7	05201793	0.	.0	2992.0	
2	1415	460	0.	.0	2992.0	* 4	21501127	0.	.0	2992.0	* 7	05251794	0.	.0	2992.0	
2	1420	461	0.	.0	2992.0	* 4	21551128	0.	.0	2992.0	* 7	05301795	0.	.0	2992.0	
2	1425	462	0.	.0	2992.0	* 4	22001129	0.	.0	2992.0	* 7	05351796	0.	.0	2992.0	
2	1430	463	0.	.0	2992.0	* 4	22051130	0.	.0	2992.0	* 7	05401797	0.	.0	2992.0	
2	1435	464	0.	.0	2992.0	* 4	22101131	0.	.0	2992.0	* 7	05451798	0.	.0	2992.0	
2	1440	465	0.	.0	2992.0	* 4	22151132	0.	.0	2992.0	* 7	05501799	0.	.0	2992.0	
2	1445	466	0.	.0	2992.0	* 4	22201133	0.	.0	2992.0	* 7	05551800	0.	.0	2992.0	
2	1450	467	0.	.0	2992.0	* 4	22251134	0.	.0	2992.0	* 7	06001801	0.	.0	2992.0	
2	1455	468	0.	.0	2992.0	* 4	22301135	0.	.0	2992.0	* 7	06051802	0.	.0	2992.0	
2	1500	469	0.	.0	2992.0	* 4	22351136	0.	.0	2992.0	* 7	06101803	0.	.0	2992.0	
2	1505	470	0.	.0	2992.0	* 4	22401137	0.	.0	2992.0	* 7	06151804	0.	.0	2992.0	
2	1510	471	0.	.0	2992.0	* 4	22451138	0.	.0	2992.0	* 7	06201805	0.	.0	2992.0	
2	1515	472	0.	.0	2992.0	* 4	22501139	0.	.0	2992.0	* 7	06251806	0.	.0	2992.0	
2	1520	473	0.	.0	2992.0	* 4	22551140	0.	.0	2992.0	* 7	06301807	0.	.0	2992.0	
2	1525	474	0.	.0	2992.0	* 4	23001141	0.	.0	2992.0	* 7	06351808	0.	.0	2992.0	
2	1530	475	0.	.0	2992.0	* 4	23051142	0.	.0	2992.0	* 7	06401809	0.	.0	2992.0	
2	1535	476	0.	.0	2992.0	* 4	23101143	0.	.0	2992.0	* 7	06451810	0.	.0	2992.0	
2	1540	477	0.	.0	2992.0	* 4	23151144	0.	.0	2992.0	* 7	06501811	0.	.0	2992.0	
2	1545	478	0.	.0	2992.0	* 4	23201145	0.	.0	2992.0	* 7	06551812	0.	.0	2992.0	
2	1550	479	0.	.0	2992.0	* 4	23251146	0.	.0	2992.0	* 7	07001813	0.	.0	2992.0	
2	1555	480	0.	.0	2992.0	* 4	23301147	0.	.0	2992.0	* 7	07051814	0.	.0	2992.0	
2	1600	481	0.	.0	2992.0	* 4	23351148	0.	.0	2992.0	* 7	07101815	0.	.0	2992.0	

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2	1605	482	0.	.0	2992.0	* 4	23401149	0.	.0	2992.0	* 7	07151816	0.	.0	2992.0
2	1610	483	0.	.0	2992.0	* 4	23451150	0.	.0	2992.0	* 7	07201817	0.	.0	2992.0
2	1615	484	0.	.0	2992.0	* 4	23501151	0.	.0	2992.0	* 7	07251818	0.	.0	2992.0
2	1620	485	0.	.0	2992.0	* 4	23551152	0.	.0	2992.0	* 7	07301819	0.	.0	2992.0
2	1625	486	0.	.0	2992.0	* 5	00001153	0.	.0	2992.0	* 7	07351820	0.	.0	2992.0
2	1630	487	0.	.0	2992.0	* 5	00051154	0.	.0	2992.0	* 7	07401821	0.	.0	2992.0
2	1635	488	0.	.0	2992.0	* 5	00101155	0.	.0	2992.0	* 7	07451822	0.	.0	2992.0
2	1640	489	0.	.0	2992.0	* 5	00151156	0.	.0	2992.0	* 7	07501823	0.	.0	2992.0
2	1645	490	0.	.0	2992.0	* 5	00201157	0.	.0	2992.0	* 7	07551824	0.	.0	2992.0
2	1650	491	0.	.0	2992.0	* 5	00251158	0.	.0	2992.0	* 7	08001825	0.	.0	2992.0
2	1655	492	0.	.0	2992.0	* 5	00301159	0.	.0	2992.0	* 7	08051826	0.	.0	2992.0
2	1700	493	0.	.0	2992.0	* 5	00351160	0.	.0	2992.0	* 7	08101827	0.	.0	2992.0
2	1705	494	0.	.0	2992.0	* 5	00401161	0.	.0	2992.0	* 7	08151828	0.	.0	2992.0
2	1710	495	0.	.0	2992.0	* 5	00451162	0.	.0	2992.0	* 7	08201829	0.	.0	2992.0
2	1715	496	0.	.0	2992.0	* 5	00501163	0.	.0	2992.0	* 7	08251830	0.	.0	2992.0
2	1720	497	0.	.0	2992.0	* 5	00551164	0.	.0	2992.0	* 7	08301831	0.	.0	2992.0
2	1725	498	0.	.0	2992.0	* 5	01001165	0.	.0	2992.0	* 7	08351832	0.	.0	2992.0
2	1730	499	0.	.0	2992.0	* 5	01051166	0.	.0	2992.0	* 7	08401833	0.	.0	2992.0
2	1735	500	0.	.0	2992.0	* 5	01101167	0.	.0	2992.0	* 7	08451834	0.	.0	2992.0
2	1740	501	0.	.0	2992.0	* 5	01151168	0.	.0	2992.0	* 7	08501835	0.	.0	2992.0
2	1745	502	0.	.0	2992.0	* 5	01201169	0.	.0	2992.0	* 7	08551836	0.	.0	2992.0
2	1750	503	0.	.0	2992.0	* 5	01251170	0.	.0	2992.0	* 7	09001837	0.	.0	2992.0
2	1755	504	0.	.0	2992.0	* 5	01301171	0.	.0	2992.0	* 7	09051838	0.	.0	2992.0
2	1800	505	0.	.0	2992.0	* 5	01351172	0.	.0	2992.0	* 7	09101839	0.	.0	2992.0
2	1805	506	0.	.0	2992.0	* 5	01401173	0.	.0	2992.0	* 7	09151840	0.	.0	2992.0
2	1810	507	0.	.0	2992.0	* 5	01451174	0.	.0	2992.0	* 7	09201841	0.	.0	2992.0
2	1815	508	0.	.0	2992.0	* 5	01501175	0.	.0	2992.0	* 7	09251842	0.	.0	2992.0
2	1820	509	0.	.0	2992.0	* 5	01551176	0.	.0	2992.0	* 7	09301843	0.	.0	2992.0
2	1825	510	0.	.0	2992.0	* 5	02001177	0.	.0	2992.0	* 7	09351844	0.	.0	2992.0
2	1830	511	0.	.0	2992.0	* 5	02051178	0.	.0	2992.0	* 7	09401845	0.	.0	2992.0
2	1835	512	0.	.0	2992.0	* 5	02101179	0.	.0	2992.0	* 7	09451846	0.	.0	2992.0
2	1840	513	0.	.0	2992.0	* 5	02151180	0.	.0	2992.0	* 7	09501847	0.	.0	2992.0
2	1845	514	0.	.0	2992.0	* 5	02201181	0.	.0	2992.0	* 7	09551848	0.	.0	2992.0
2	1850	515	0.	.0	2992.0	* 5	02251182	0.	.0	2992.0	* 7	10001849	0.	.0	2992.0
2	1855	516	0.	.0	2992.0	* 5	02301183	0.	.0	2992.0	* 7	10051850	0.	.0	2992.0
2	1900	517	0.	.0	2992.0	* 5	02351184	0.	.0	2992.0	* 7	10101851	0.	.0	2992.0
2	1905	518	0.	.0	2992.0	* 5	02401185	0.	.0	2992.0	* 7	10151852	0.	.0	2992.0
2	1910	519	0.	.0	2992.0	* 5	02451186	0.	.0	2992.0	* 7	10201853	0.	.0	2992.0
2	1915	520	0.	.0	2992.0	* 5	02501187	0.	.0	2992.0	* 7	10251854	0.	.0	2992.0
2	1920	521	0.	.0	2992.0	* 5	02551188	0.	.0	2992.0	* 7	10301855	0.	.0	2992.0
2	1925	522	0.	.0	2992.0	* 5	03001189	0.	.0	2992.0	* 7	10351856	0.	.0	2992.0
2	1930	523	0.	.0	2992.0	* 5	03051190	0.	.0	2992.0	* 7	10401857	0.	.0	2992.0
2	1935	524	0.	.0	2992.0	* 5	03101191	0.	.0	2992.0	* 7	10451858	0.	.0	2992.0
2	1940	525	0.	.0	2992.0	* 5	03151192	0.	.0	2992.0	* 7	10501859	0.	.0	2992.0
2	1945	526	0.	.0	2992.0	* 5	03201193	0.	.0	2992.0	* 7	10551860	0.	.0	2992.0
2	1950	527	0.	.0	2992.0	* 5	03251194	0.	.0	2992.0	* 7	11001861	0.	.0	2992.0
2	1955	528	0.	.0	2992.0	* 5	03301195	0.	.0	2992.0	* 7	11051862	0.	.0	2992.0
2	2000	529	0.	.0	2992.0	* 5	03351196	0.	.0	2992.0	* 7	11101863	0.	.0	2992.0
2	2005	530	0.	.0	2992.0	* 5	03401197	0.	.0	2992.0	* 7	11151864	0.	.0	2992.0
2	2010	531	0.	.0	2992.0	* 5	03451198	0.	.0	2992.0	* 7	11201865	0.	.0	2992.0
2	2015	532	0.	.0	2992.0	* 5	03501199	0.	.0	2992.0	* 7	11251866	0.	.0	2992.0
2	2020	533	0.	.0	2992.0	* 5	03551200	0.	.0	2992.0	* 7	11301867	0.	.0	2992.0
2	2025	534	0.	.0	2992.0	* 5	04001201	0.	.0	2992.0	* 7	11351868	0.	.0	2992.0
2	2030	535	0.	.0	2992.0	* 5	04051202	0.	.0	2992.0	* 7	11401869	0.	.0	2992.0
2	2035	536	0.	.0	2992.0	* 5	04101203	0.	.0	2992.0	* 7	11451870	0.	.0	2992.0
2	2040	537	0.	.0	2992.0	* 5	04151204	0.	.0	2992.0	* 7	11501871	0.	.0	2992.0
2	2045	538	0.	.0	2992.0	* 5	04201205	0.	.0	2992.0	* 7	11551872	0.	.0	2992.0
2	2050	539	0.	.0	2992.0	* 5	04251206	0.	.0	2992.0	* 7	12001873	0.	.0	2992.0
2	2055	540	0.	.0	2992.0	* 5	04301207	0.	.0	2992.0	* 7	12051874	0.	.0	2992.0
2	2100	541	0.	.0	2992.0	* 5	04351208	0.	.0	2992.0	* 7	12101875	0.	.0	2992.0
2	2105	542	0.	.0	2992.0	* 5	04401209	0.	.0	2992.0	* 7	12151876	0.	.0	2992.0
2	2110	543	0.	.0	2992.0	* 5	04451210	0.	.0	2992.0	* 7	12201877	0.	.0	2992.0
2	2115	544	0.	.0	2992.0	* 5	04501211	0.	.0	2992.0	* 7	12251878	0.	.0	2992.0
2	2120	545	0.	.0	2992.0	* 5	04551212	0.	.0	2992.0	* 7	12301879	0.	.0	2992.0
2	2125	546	0.	.0	2992.0	* 5	05001213	0.	.0	2992.0	* 7	12351880	0.	.0	2992.0
2	2130	547	0.	.0	2992.0	* 5	05051214	0.	.0	2992.0	* 7	12401881	0.	.0	2992.0
2	2135	548	0.	.0	2992.0	* 5	05101215	0.	.0	2992.0	* 7	12451882	0.	.0	2992.0
2	2140	549	0.	.0	2992.0	* 5	05151216	0.	.0	2992.0	* 7	12501883	0.	.0	2992.0
2	2145	550	0.	.0	2992.0	* 5	05201217	0.	.0	2992.0	* 7	12551884	0.	.0	2992.0
2	2150	551	0.	.0	2992.0	* 5	05251218	0.	.0	2992.0	* 7	13001885	0.	.0	2992.0
2	2155	552	0.	.0	2992.0	* 5	05301219	0.	.0	2992.0	* 7	13051886	0.	.0	2992.0
2	2200	553	0.	.0	2992.0	* 5	05351220	0.	.0	2992.0	* 7	13101887	0.	.0	2992.0
2	2205	554	0.	.0	2992.0	* 5	05401221	0.	.0	2992.0	* 7	13151888	0.	.0	2992.0
2	2210	555	0.	.0	2992.0	* 5	05451222	0.	.0	2992.0	* 7	13201889	0.	.0	2992.0
2	2215	556	0.	.0	2992.0	* 5	05501223	0.	.0	2992.0	* 7	13251890	0.	.0	2992.0
2	2220	557	0.	.0	2992.0	* 5	05551224	0.	.0	2992.0	* 7	13301891	0.	.0	2992.0
2	2225	558	0.	.0	2992.0	* 5	06001225	0.	.0	2992.0	* 7	13351892	0.	.0	2992.0
2	2230	559	0.	.0	2992.0	* 5	06051226	0.	.0	2992.0	* 7	13401893	0.	.0	2992.0
2	2235	560	0.	.0	2992.0	* 5	06101227	0.	.0	2992.0	* 7	13451894	0.	.0	2992.0
2	2240	561	0.	.0	2992.0	* 5	06151228	0.	.0	2992.0	* 7	13501895	0.	.0	2992.0
2	2245	562	0.	.0	2992.0	* 5	06201229	0.	.0	2992.0	* 7	13551896	0.	.0	2992.0
2	2250	563	0.	.0	2992.0	* 5	06251230	0.	.0	2992.0	* 7	14001897	0.	.0	2992.0
2	2255	564	0.	.0	2992.0	* 5	06301231	0.	.0	2992.0	* 7	14051898	0.	.0	2992.0
2	2300	565	0.	.0	2992.0	* 5	06351232	0.	.0	2992.0	* 7	14101899	0.	.0	2992.0
2	2305	566	0.	.0	2992.0	* 5	06401233	0.	.0	2992.0	* 7	14151900	0.	.0	2992.0
2	2310	567	0.	.0	2992.0	* 5	06451234	0.	.0	2992.0	* 7	14201901	0.	.0	2992.0
2	2315	568	0.	.0	2992.0	* 5	06501235	0.	.0	2992.0	* 7	14251902	0.	.0	2992.0
2	2320	569	0.	.0	2992.0	* 5	06551236	0.	.0	2992.0	* 7	14301903	0.	.0	2992.0
2	2325	570	0.	.0	2992.0	* 5	07001237	0.	.0	2992.0	* 7	14351904	0.	.0	2992.0

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2	2330	571	0.	.0	2992.0	*	5	07051238	0.	.0	2992.0	*	7	14401905	0.	.0	2992.0
2	2335	572	0.	.0	2992.0	*	5	07101239	0.	.0	2992.0	*	7	14451906	0.	.0	2992.0
2	2340	573	0.	.0	2992.0	*	5	07151240	0.	.0	2992.0	*	7	14501907	0.	.0	2992.0
2	2345	574	0.	.0	2992.0	*	5	07201241	0.	.0	2992.0	*	7	14551908	0.	.0	2992.0
2	2350	575	0.	.0	2992.0	*	5	07251242	0.	.0	2992.0	*	7	15001909	0.	.0	2992.0
2	2355	576	0.	.0	2992.0	*	5	07301243	0.	.0	2992.0	*	7	15051910	0.	.0	2992.0
3	0000	577	0.	.0	2992.0	*	5	07351244	0.	.0	2992.0	*	7	15101911	0.	.0	2992.0
3	0005	578	0.	.0	2992.0	*	5	07401245	0.	.0	2992.0	*	7	15151912	0.	.0	2992.0
3	0010	579	0.	.0	2992.0	*	5	07451246	0.	.0	2992.0	*	7	15201913	0.	.0	2992.0
3	0015	580	0.	.0	2992.0	*	5	07501247	0.	.0	2992.0	*	7	15251914	0.	.0	2992.0
3	0020	581	0.	.0	2992.0	*	5	07551248	0.	.0	2992.0	*	7	15301915	0.	.0	2992.0
3	0025	582	0.	.0	2992.0	*	5	08001249	0.	.0	2992.0	*	7	15351916	0.	.0	2992.0
3	0030	583	0.	.0	2992.0	*	5	08051250	0.	.0	2992.0	*	7	15401917	0.	.0	2992.0
3	0035	584	0.	.0	2992.0	*	5	08101251	0.	.0	2992.0	*	7	15451918	0.	.0	2992.0
3	0040	585	0.	.0	2992.0	*	5	08151252	0.	.0	2992.0	*	7	15501919	0.	.0	2992.0
3	0045	586	0.	.0	2992.0	*	5	08201253	0.	.0	2992.0	*	7	15551920	0.	.0	2992.0
3	0050	587	0.	.0	2992.0	*	5	08251254	0.	.0	2992.0	*	7	16001921	0.	.0	2992.0
3	0055	588	0.	.0	2992.0	*	5	08301255	0.	.0	2992.0	*	7	16051922	0.	.0	2992.0
3	0100	589	0.	.0	2992.0	*	5	08351256	0.	.0	2992.0	*	7	16101923	0.	.0	2992.0
3	0105	590	0.	.0	2992.0	*	5	08401257	0.	.0	2992.0	*	7	16151924	0.	.0	2992.0
3	0110	591	0.	.0	2992.0	*	5	08451258	0.	.0	2992.0	*	7	16201925	0.	.0	2992.0
3	0115	592	0.	.0	2992.0	*	5	08501259	0.	.0	2992.0	*	7	16251926	0.	.0	2992.0
3	0120	593	0.	.0	2992.0	*	5	08551260	0.	.0	2992.0	*	7	16301927	0.	.0	2992.0
3	0125	594	0.	.0	2992.0	*	5	09001261	0.	.0	2992.0	*	7	16351928	0.	.0	2992.0
3	0130	595	0.	.0	2992.0	*	5	09051262	0.	.0	2992.0	*	7	16401929	0.	.0	2992.0
3	0135	596	0.	.0	2992.0	*	5	09101263	0.	.0	2992.0	*	7	16451930	0.	.0	2992.0
3	0140	597	0.	.0	2992.0	*	5	09151264	0.	.0	2992.0	*	7	16501931	0.	.0	2992.0
3	0145	598	0.	.0	2992.0	*	5	09201265	0.	.0	2992.0	*	7	16551932	0.	.0	2992.0
3	0150	599	0.	.0	2992.0	*	5	09251266	0.	.0	2992.0	*	7	17001933	0.	.0	2992.0
3	0155	600	0.	.0	2992.0	*	5	09301267	0.	.0	2992.0	*	7	17051934	0.	.0	2992.0
3	0200	601	0.	.0	2992.0	*	5	09351268	0.	.0	2992.0	*	7	17101935	0.	.0	2992.0
3	0205	602	0.	.0	2992.0	*	5	09401269	0.	.0	2992.0	*	7	17151936	0.	.0	2992.0
3	0210	603	0.	.0	2992.0	*	5	09451270	0.	.0	2992.0	*	7	17201937	0.	.0	2992.0
3	0215	604	0.	.0	2992.0	*	5	09501271	0.	.0	2992.0	*	7	17251938	0.	.0	2992.0
3	0220	605	0.	.0	2992.0	*	5	09551272	0.	.0	2992.0	*	7	17301939	0.	.0	2992.0
3	0225	606	0.	.0	2992.0	*	5	10001273	0.	.0	2992.0	*	7	17351940	0.	.0	2992.0
3	0230	607	0.	.0	2992.0	*	5	10051274	0.	.0	2992.0	*	7	17401941	0.	.0	2992.0
3	0235	608	0.	.0	2992.0	*	5	10101275	0.	.0	2992.0	*	7	17451942	0.	.0	2992.0
3	0240	609	0.	.0	2992.0	*	5	10151276	0.	.0	2992.0	*	7	17501943	0.	.0	2992.0
3	0245	610	0.	.0	2992.0	*	5	10201277	0.	.0	2992.0	*	7	17551944	0.	.0	2992.0
3	0250	611	0.	.0	2992.0	*	5	10251278	0.	.0	2992.0	*	7	18001945	0.	.0	2992.0
3	0255	612	0.	.0	2992.0	*	5	10301279	0.	.0	2992.0	*	7	18051946	0.	.0	2992.0
3	0300	613	0.	.0	2992.0	*	5	10351280	0.	.0	2992.0	*	7	18101947	0.	.0	2992.0
3	0305	614	0.	.0	2992.0	*	5	10401281	0.	.0	2992.0	*	7	18151948	0.	.0	2992.0
3	0310	615	0.	.0	2992.0	*	5	10451282	0.	.0	2992.0	*	7	18201949	0.	.0	2992.0
3	0315	616	0.	.0	2992.0	*	5	10501283	0.	.0	2992.0	*	7	18251950	0.	.0	2992.0
3	0320	617	0.	.0	2992.0	*	5	10551284	0.	.0	2992.0	*	7	18301951	0.	.0	2992.0
3	0325	618	0.	.0	2992.0	*	5	11001285	0.	.0	2992.0	*	7	18351952	0.	.0	2992.0
3	0330	619	0.	.0	2992.0	*	5	11051286	0.	.0	2992.0	*	7	18401953	0.	.0	2992.0
3	0335	620	0.	.0	2992.0	*	5	11101287	0.	.0	2992.0	*	7	18451954	0.	.0	2992.0
3	0340	621	0.	.0	2992.0	*	5	11151288	0.	.0	2992.0	*	7	18501955	0.	.0	2992.0
3	0345	622	0.	.0	2992.0	*	5	11201289	0.	.0	2992.0	*	7	18551956	0.	.0	2992.0
3	0350	623	0.	.0	2992.0	*	5	11251290	0.	.0	2992.0	*	7	19001957	0.	.0	2992.0
3	0355	624	0.	.0	2992.0	*	5	11301291	0.	.0	2992.0	*	7	19051958	0.	.0	2992.0
3	0400	625	0.	.0	2992.0	*	5	11351292	0.	.0	2992.0	*	7	19101959	0.	.0	2992.0
3	0405	626	0.	.0	2992.0	*	5	11401293	0.	.0	2992.0	*	7	19151960	0.	.0	2992.0
3	0410	627	0.	.0	2992.0	*	5	11451294	0.	.0	2992.0	*	7	19201961	0.	.0	2992.0
3	0415	628	0.	.0	2992.0	*	5	11501295	0.	.0	2992.0	*	7	19251962	0.	.0	2992.0
3	0420	629	0.	.0	2992.0	*	5	11551296	0.	.0	2992.0	*	7	19301963	0.	.0	2992.0
3	0425	630	0.	.0	2992.0	*	5	12001297	0.	.0	2992.0	*	7	19351964	0.	.0	2992.0
3	0430	631	0.	.0	2992.0	*	5	12051298	0.	.0	2992.0	*	7	19401965	0.	.0	2992.0
3	0435	632	0.	.0	2992.0	*	5	12101299	0.	.0	2992.0	*	7	19451966	0.	.0	2992.0
3	0440	633	0.	.0	2992.0	*	5	12151300	0.	.0	2992.0	*	7	19501967	0.	.0	2992.0
3	0445	634	0.	.0	2992.0	*	5	12201301	0.	.0	2992.0	*	7	19551968	0.	.0	2992.0
3	0450	635	0.	.0	2992.0	*	5	12251302	0.	.0	2992.0	*	7	20001969	0.	.0	2992.0
3	0455	636	0.	.0	2992.0	*	5	12301303	0.	.0	2992.0	*	7	20051970	0.	.0	2992.0
3	0500	637	0.	.0	2992.0	*	5	12351304	0.	.0	2992.0	*	7	20101971	0.	.0	2992.0
3	0505	638	0.	.0	2992.0	*	5	12401305	0.	.0	2992.0	*	7	20151972	0.	.0	2992.0
3	0510	639	0.	.0	2992.0	*	5	12451306	0.	.0	2992.0	*	7	20201973	0.	.0	2992.0
3	0515	640	0.	.0	2992.0	*	5	12501307	0.	.0	2992.0	*	7	20251974	0.	.0	2992.0
3	0520	641	0.	.0	2992.0	*	5	12551308	0.	.0	2992.0	*	7	20301975	0.	.0	2992.0
3	0525	642	0.	.0	2992.0	*	5	13001309	0.	.0	2992.0	*	7	20351976	0.	.0	2992.0
3	0530	643	0.	.0	2992.0	*	5	13051310	0.	.0	2992.0	*	7	20401977	0.	.0	2992.0
3	0535	644	0.	.0	2992.0	*	5	13101311	0.	.0	2992.0	*	7	20451978	0.	.0	2992.0
3	0540	645	0.	.0	2992.0	*	5	13151312	0.	.0	2992.0	*	7	20501979	0.	.0	2992.0
3	0545	646	0.	.0	2992.0	*	5	13201313	0.	.0	2992.0	*	7	20551980	0.	.0	2992.0
3	0550	647	0.	.0	2992.0	*	5	13251314	0.	.0	2992.0	*	7	21001981	0.	.0	2992.0
3	0555	648	0.	.0	2992.0	*	5	13301315	0.	.0	2992.0	*	7	21051982	0.	.0	2992.0
3	0600	649	0.	.0	2992.0	*	5	13351316	0.	.0	2992.0	*	7	21101983	0.	.0	2992.0
3	0605	650	0.	.0	2992.0	*	5	13401317	0.	.0	2992.0	*	7	21151984	0.	.0	2992.0
3	0610	651	0.	.0	2992.0	*	5	13451318	0.	.0	2992.0	*	7	21201985	0.	.0	2992.0
3	0615	652	0.	.0	2992.0	*	5	13501319	0.	.0	2992.0	*	7	21251986	0.	.0	2992.0
3	0620	653	0.	.0	2992.0	*	5	13551320	0.	.0	2992.0	*	7	21301987	0.	.0	2992.0
3	0625	654	0.	.0	2992.0	*	5	14001321	0.	.0	2992.0	*	7	21351988	0.	.0	2992.0
3	0630	655	0.	.0	2992.0	*	5	14051322	0.	.0	2992.0	*	7	21401989	0.	.0	2992.0
3	0635	656	0.	.0	2992.0	*	5	14101323	0.	.0	2992.0	*	7	21451990	0.	.0	2992.0
3	0640	657	0.	.0	2992.0	*	5	14151324	0.	.0	2992.0	*	7	21501991	0.	.0	2992.0
3	0645	658	0.	.0	2992.0	*	5	14201325	0.	.0	2992.0	*	7	21551992	0.	.0	2992.0
3	0650	659	0.	.0	2992.0	*	5	14251326	0.	.0	2992.0	*	7	22001993	0.	.0	2992.0

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3	0655	660	0.	.0	2992.0	*	5	14301327	0.	.0	2992.0	*	7	22051994	0.	.0	2992.0		
3	0700	661	0.	.0	2992.0	*	5	14351328	0.	.0	2992.0	*	7	22101995	0.	.0	2992.0		
3	0705	662	0.	.0	2992.0	*	5	14401329	0.	.0	2992.0	*	7	22151996	0.	.0	2992.0		
3	0710	663	0.	.0	2992.0	*	5	14451330	0.	.0	2992.0	*	7	22201997	0.	.0	2992.0		
3	0715	664	0.	.0	2992.0	*	5	14501331	0.	.0	2992.0	*	7	22251998	0.	.0	2992.0		
3	0720	665	0.	.0	2992.0	*	5	14551332	0.	.0	2992.0	*	7	22301999	0.	.0	2992.0		
3	0725	666	0.	.0	2992.0	*	5	15001333	0.	.0	2992.0	*	7	22352000	0.	.0	2992.0		
3	0730	667	0.	.0	2992.0	*	5	15051334	0.	.0	2992.0	*							
						*						*							

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 71.	5.25		66.	26.	9.	4.
		(INCHES)	1.076	1.725	1.725	1.725
		(AC-FT)	33.	52.	52.	52.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
36.	5.25	27.	8.	3.	1.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
3002.75	5.25	3000.58	2994.64	2992.88	2992.38

CUMULATIVE AREA = .57 SQ MI

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HYDROGRAPH AT STATION RDB2
PLAN 1, RATIO = .98

****

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
							*								*							
1	0000		1	0.	.0	2992.0	*	3	0735		668	0.	.0	2992.0	*	5	15101335			0.	.0	2992.0
1	0005		2	0.	.0	2992.0	*	3	0740		669	0.	.0	2992.0	*	5	15151336			0.	.0	2992.0
1	0010		3	0.	.0	2992.0	*	3	0745		670	0.	.0	2992.0	*	5	15201337			0.	.0	2992.0
1	0015		4	0.	.0	2992.0	*	3	0750		671	0.	.0	2992.0	*	5	15251338			0.	.0	2992.0
1	0020		5	0.	.0	2992.0	*	3	0755		672	0.	.0	2992.0	*	5	15301339			0.	.0	2992.0
1	0025		6	0.	.0	2992.0	*	3	0800		673	0.	.0	2992.0	*	5	15351340			0.	.0	2992.0
1	0030		7	1.	.0	2992.0	*	3	0805		674	0.	.0	2992.0	*	5	15401341			0.	.0	2992.0
1	0035		8	1.	.1	2992.0	*	3	0810		675	0.	.0	2992.0	*	5	15451342			0.	.0	2992.0
1	0040		9	2.	.1	2992.0	*	3	0815		676	0.	.0	2992.0	*	5	15501343			0.	.0	2992.0
1	0045		10	2.	.1	2992.0	*	3	0820		677	0.	.0	2992.0	*	5	15551344			0.	.0	2992.0
1	0050		11	2.	.1	2992.0	*	3	0825		678	0.	.0	2992.0	*	5	16001345			0.	.0	2992.0
1	0055		12	2.	.1	2992.0	*	3	0830		679	0.	.0	2992.0	*	5	16051346			0.	.0	2992.0
1	0100		13	2.	.1	2992.0	*	3	0835		680	0.	.0	2992.0	*	5	16101347			0.	.0	2992.0
1	0105		14	2.	.1	2992.0	*	3	0840		681	0.	.0	2992.0	*	5	16151348			0.	.0	2992.0
1	0110		15	2.	.1	2992.0	*	3	0845		682	0.	.0	2992.0	*	5	16201349			0.	.0	2992.0
1	0115		16	2.	.1	2992.0	*	3	0850		683	0.	.0	2992.0	*	5	16251350			0.	.0	2992.0
1	0120		17	2.	.1	2992.1	*	3	0855		684	0.	.0	2992.0	*	5	16301351			0.	.0	2992.0
1	0125		18	3.	.1	2992.1	*	3	0900		685	0.	.0	2992.0	*	5	16351352			0.	.0	2992.0
1	0130		19	4.	.2	2992.1	*	3	0905		686	0.	.0	2992.0	*	5	16401353			0.	.0	2992.0
1	0135		20	5.	.3	2992.1	*	3	0910		687	0.	.0	2992.0	*	5	16451354			0.	.0	2992.0
1	0140		21	7.	.4	2992.2	*	3	0915		688	0.	.0	2992.0	*	5	16501355			0.	.0	2992.0
1	0145		22	9.	.5	2992.2	*	3	0920		689	0.	.0	2992.0	*	5	16551356			0.	.0	2992.0
1	0150		23	11.	.6	2992.2	*	3	0925		690	0.	.0	2992.0	*	5	17001357			0.	.0	2992.0
1	0155		24	12.	.6	2992.3	*	3	0930		691	0.	.0	2992.0	*	5	17051358			0.	.0	2992.0
1	0200		25	13.	.7	2992.3	*	3	0935		692	0.	.0	2992.0	*	5	17101359			0.	.0	2992.0
1	0205		26	13.	.7	2992.3	*	3	0940		693	0.	.0	2992.0	*	5	17151360			0.	.0	2992.0
1	0210		27	13.	.7	2992.3	*	3	0945		694	0.	.0	2992.0	*	5	17201361			0.	.0	2992.0
1	0215		28	13.	.7	2992.3	*	3	0950		695	0.	.0	2992.0	*	5	17251362			0.	.0	2992.0
1	0220		29	15.	.8	2992.3	*	3	0955		696	0.	.0	2992.0	*	5	17301363			0.	.0	2992.0
1	0225		30	17.	.9	2992.4	*	3	1000		697	0.	.0	2992.0	*	5	17351364			0.	.0	2992.0
1	0230		31	20.	1.0	2992.4	*	3	1005		698	0.	.0	2992.0	*	5	17401365			0.	.0	2992.0
1	0235		32	22.	1.2	2992.5	*	3	1010		699	0.	.0	2992.0	*	5	17451366			0.	.0	2992.0
1	0240		33	24.	1.3	2992.5	*	3	1015		700	0.	.0	2992.0	*	5	17501367			0.	.0	2992.0
1	0245		34	25.	1.3	2992.6	*	3	1020		701	0.	.0	2992.0	*	5	17551368			0.	.0	2992.0
1	0250		35	27.	1.4	2992.6	*	3	1025		702	0.	.0	2992.0	*	5	18001369			0.	.0	2992.0
1	0255		36	29.	1.5	2992.6	*	3	1030		703	0.	.0	2992.0	*	5	18051370			0.	.0	2992.0
1	0300		37	30.	1.6	2992.7	*	3	1035		704	0.	.0	2992.0	*	5	18101371			0.	.0	2992.0
1	0305		38	31.	1.6	2992.7	*	3	1040		705	0.	.0	2992.0	*	5	18151372			0.	.0	2992.0
1	0310		39	34.	1.8	2992.8	*	3	1045		706	0.	.0	2992.0	*	5	18201373			0.	.0	2992.0
1	0315		40	42.	2.2	2992.9	*	3	1050		707	0.	.0	2992.0	*	5	18251374			0.	.0	2992.0
1	0320		41	45.	3.0	2993.3	*	3	1055		708	0.	.0	2992.0	*	5	18301375			0.	.0	2992.0
1	0325		42	47.	4.6	2993.9	*	3	1100		709	0.	.0	2992.0	*	5	18351376			0.	.0	2992.0
1	0330		43	51.	7.2	2994.8	*	3	1105		710	0.	.0	2992.0	*	5	18401377			0.	.0	2992.0
1	0335		44	54.	10.8	2995.9	*	3	1110		711	0.	.0	2992.0	*	5	18451378			0.	.0	2992.0
1	0340		45	57.	14.9	2997.2	*	3	1115		712	0.	.0	2992.0	*	5	18501379			0.	.0	2992.0
1	0345		46	60.	18.8	2998.4	*	3	1120		713	0.	.0	2992.0	*	5	18551380			0.	.0	2992.0
1	0350		47	63.	22.3	2999.4	*	3	1125		714	0.	.0	2992.0	*	5	19001381			0.	.0	2992.0
1	0355		48	65.	24.9	3000.1	*	3	1130		715	0.	.0	2992.0	*	5	19051382			0.	.0	2992.0

															ULT						
1	0400	49	66.	26.9	3000.6	*	3	1135	716	0.	.0	2992.0	*	5	19101383	0.	.0	2992.0			
1	0405	50	67.	28.3	3000.9	*	3	1140	717	0.	.0	2992.0	*	5	19151384	0.	.0	2992.0			
1	0410	51	67.	29.4	3001.2	*	3	1145	718	0.	.0	2992.0	*	5	19201385	0.	.0	2992.0			
1	0415	52	68.	30.1	3001.3	*	3	1150	719	0.	.0	2992.0	*	5	19251386	0.	.0	2992.0			
1	0420	53	68.	30.5	3001.4	*	3	1155	720	0.	.0	2992.0	*	5	19301387	0.	.0	2992.0			
1	0425	54	68.	30.8	3001.5	*	3	1200	721	0.	.0	2992.0	*	5	19351388	0.	.0	2992.0			
1	0430	55	68.	31.1	3001.6	*	3	1205	722	0.	.0	2992.0	*	5	19401389	0.	.0	2992.0			
1	0435	56	68.	31.5	3001.6	*	3	1210	723	0.	.0	2992.0	*	5	19451390	0.	.0	2992.0			
1	0440	57	68.	32.0	3001.7	*	3	1215	724	0.	.0	2992.0	*	5	19501391	0.	.0	2992.0			
1	0445	58	69.	32.6	3001.9	*	3	1220	725	0.	.0	2992.0	*	5	19551392	0.	.0	2992.0			
1	0450	59	69.	33.1	3002.0	*	3	1225	726	0.	.0	2992.0	*	5	20001393	0.	.0	2992.0			
1	0455	60	69.	33.7	3002.1	*	3	1230	727	0.	.0	2992.0	*	5	20051394	0.	.0	2992.0			
1	0500	61	70.	34.3	3002.3	*	3	1235	728	0.	.0	2992.0	*	5	20101395	0.	.0	2992.0			
1	0505	62	70.	34.7	3002.4	*	3	1240	729	0.	.0	2992.0	*	5	20151396	0.	.0	2992.0			
1	0510	63	70.	35.0	3002.4	*	3	1245	730	0.	.0	2992.0	*	5	20201397	0.	.0	2992.0			
1	0515	64	70.	35.1	3002.5	*	3	1250	731	0.	.0	2992.0	*	5	20251398	0.	.0	2992.0			
1	0520	65	70.	35.1	3002.5	*	3	1255	732	0.	.0	2992.0	*	5	20301399	0.	.0	2992.0			
1	0525	66	70.	34.9	3002.4	*	3	1300	733	0.	.0	2992.0	*	5	20351400	0.	.0	2992.0			
1	0530	67	70.	34.7	3002.4	*	3	1305	734	0.	.0	2992.0	*	5	20401401	0.	.0	2992.0			
1	0535	68	70.	34.4	3002.3	*	3	1310	735	0.	.0	2992.0	*	5	20451402	0.	.0	2992.0			
1	0540	69	69.	34.1	3002.2	*	3	1315	736	0.	.0	2992.0	*	5	20501403	0.	.0	2992.0			
1	0545	70	69.	33.7	3002.1	*	3	1320	737	0.	.0	2992.0	*	5	20551404	0.	.0	2992.0			
1	0550	71	69.	33.4	3002.1	*	3	1325	738	0.	.0	2992.0	*	5	21001405	0.	.0	2992.0			
1	0555	72	69.	33.0	3002.0	*	3	1330	739	0.	.0	2992.0	*	5	21051406	0.	.0	2992.0			
1	0600	73	69.	32.6	3001.9	*	3	1335	740	0.	.0	2992.0	*	5	21101407	0.	.0	2992.0			
1	0605	74	69.	32.3	3001.8	*	3	1340	741	0.	.0	2992.0	*	5	21151408	0.	.0	2992.0			
1	0610	75	68.	31.9	3001.7	*	3	1345	742	0.	.0	2992.0	*	5	21201409	0.	.0	2992.0			
1	0615	76	68.	31.5	3001.6	*	3	1350	743	0.	.0	2992.0	*	5	21251410	0.	.0	2992.0			
1	0620	77	68.	31.0	3001.5	*	3	1355	744	0.	.0	2992.0	*	5	21301411	0.	.0	2992.0			
1	0625	78	68.	30.6	3001.4	*	3	1400	745	0.	.0	2992.0	*	5	21351412	0.	.0	2992.0			
1	0630	79	68.	30.1	3001.3	*	3	1405	746	0.	.0	2992.0	*	5	21401413	0.	.0	2992.0			
1	0635	80	67.	29.7	3001.2	*	3	1410	747	0.	.0	2992.0	*	5	21451414	0.	.0	2992.0			
1	0640	81	67.	29.2	3001.1	*	3	1415	748	0.	.0	2992.0	*	5	21501415	0.	.0	2992.0			
1	0645	82	67.	28.8	3001.0	*	3	1420	749	0.	.0	2992.0	*	5	21551416	0.	.0	2992.0			
1	0650	83	67.	28.3	3000.9	*	3	1425	750	0.	.0	2992.0	*	5	22001417	0.	.0	2992.0			
1	0655	84	66.	27.8	3000.8	*	3	1430	751	0.	.0	2992.0	*	5	22051418	0.	.0	2992.0			
1	0700	85	66.	27.4	3000.7	*	3	1435	752	0.	.0	2992.0	*	5	22101419	0.	.0	2992.0			
1	0705	86	66.	26.9	3000.6	*	3	1440	753	0.	.0	2992.0	*	5	22151420	0.	.0	2992.0			
1	0710	87	66.	26.5	3000.5	*	3	1445	754	0.	.0	2992.0	*	5	22201421	0.	.0	2992.0			
1	0715	88	66.	26.0	3000.4	*	3	1450	755	0.	.0	2992.0	*	5	22251422	0.	.0	2992.0			
1	0720	89	65.	25.6	3000.3	*	3	1455	756	0.	.0	2992.0	*	5	22301423	0.	.0	2992.0			
1	0725	90	65.	25.1	3000.2	*	3	1500	757	0.	.0	2992.0	*	5	22351424	0.	.0	2992.0			
1	0730	91	65.	24.7	3000.1	*	3	1505	758	0.	.0	2992.0	*	5	22401425	0.	.0	2992.0			
1	0735	92	65.	24.2	3000.0	*	3	1510	759	0.	.0	2992.0	*	5	22451426	0.	.0	2992.0			
1	0740	93	64.	23.8	2999.8	*	3	1515	760	0.	.0	2992.0	*	5	22501427	0.	.0	2992.0			
1	0745	94	64.	23.3	2999.7	*	3	1520	761	0.	.0	2992.0	*	5	22551428	0.	.0	2992.0			
1	0750	95	64.	22.9	2999.6	*	3	1525	762	0.	.0	2992.0	*	5	23001429	0.	.0	2992.0			
1	0755	96	63.	22.5	2999.5	*	3	1530	763	0.	.0	2992.0	*	5	23051430	0.	.0	2992.0			
1	0800	97	63.	22.0	2999.3	*	3	1535	764	0.	.0	2992.0	*	5	23101431	0.	.0	2992.0			
1	0805	98	62.	21.6	2999.2	*	3	1540	765	0.	.0	2992.0	*	5	23151432	0.	.0	2992.0			
1	0810	99	62.	21.2	2999.1	*	3	1545	766	0.	.0	2992.0	*	5	23201433	0.	.0	2992.0			
1	0815	100	62.	20.7	2998.9	*	3	1550	767	0.	.0	2992.0	*	5	23251434	0.	.0	2992.0			
1	0820	101	61.	20.3	2998.8	*	3	1555	768	0.	.0	2992.0	*	5	23301435	0.	.0	2992.0			
1	0825	102	61.	19.9	2998.7	*	3	1600	769	0.	.0	2992.0	*	5	23351436	0.	.0	2992.0			
1	0830	103	61.	19.5	2998.6	*	3	1605	770	0.	.0	2992.0	*	5	23401437	0.	.0	2992.0			
1	0835	104	60.	19.1	2998.4	*	3	1610	771	0.	.0	2992.0	*	5	23451438	0.	.0	2992.0			
1	0840	105	60.	18.6	2998.3	*	3	1615	772	0.	.0	2992.0	*	5	23501439	0.	.0	2992.0			
1	0845	106	60.	18.2	2998.2	*	3	1620	773	0.	.0	2992.0	*	5	23551440	0.	.0	2992.0			
1	0850	107	59.	17.8	2998.1	*	3	1625	774	0.	.0	2992.0	*	6	00001441	0.	.0	2992.0			
1	0855	108	59.	17.4	2997.9	*	3	1630	775	0.	.0	2992.0	*	6	00051442	0.	.0	2992.0			
1	0900	109	59.	17.0	2997.8	*	3	1635	776	0.	.0	2992.0	*	6	00101443	0.	.0	2992.0			
1	0905	110	58.	16.6	2997.7	*	3	1640	777	0.	.0	2992.0	*	6	00151444	0.	.0	2992.0			
1	0910	111	58.	16.2	2997.6	*	3	1645	778	0.	.0	2992.0	*	6	00201445	0.	.0	2992.0			
1	0915	112	58.	15.8	2997.5	*	3	1650	779	0.	.0	2992.0	*	6	00251446	0.	.0	2992.0			
1	0920	113	57.	15.4	2997.3	*	3	1655	780	0.	.0	2992.0	*	6	00301447	0.	.0	2992.0			
1	0925	114	57.	15.0	2997.2	*	3	1700	781	0.	.0	2992.0	*	6	00351448	0.	.0	2992.0			
1	0930	115	57.	14.6	2997.1	*	3	1705	782	0.	.0	2992.0	*	6	00401449	0.	.0	2992.0			
1	0935	116	56.	14.2	2997.0	*	3	1710	783	0.	.0	2992.0	*	6	00451450	0.	.0	2992.0			
1	0940	117	56.	13.8	2996.9	*	3	1715	784	0.	.0	2992.0	*	6	00501451	0.	.0	2992.0			
1	0945	118	56.	13.5	2996.8	*	3	1720	785	0.	.0	2992.0	*	6	00551452	0.	.0	2992.0			
1	0950	119	56.	13.1	2996.6	*	3	1725	786	0.	.0	2992.0	*	6	01001453	0.	.0	2992.0			
1	0955	120	55.	12.7	2996.5	*	3	1730	787	0.	.0	2992.0	*	6	01051454	0.	.0	2992.0			
1	1000	121	55.	12.3	2996.4	*	3	1735	788	0.	.0	2992.0	*	6	01101455	0.	.0	2992.0			
1	1005	122	55.	11.9	2996.3	*	3	1740	789	0.	.0	2992.0	*	6	01151456	0.	.0	2992.0			
1	1010	123	54.	11.6	2996.2	*	3	1745	790	0.	.0	2992.0	*	6	01201457	0.	.0	2992.0			
1	1015	124	54.	11.2	2996.1	*	3	1750	791	0.	.0	2992.0	*	6	01251458	0.	.0	2992.0			
1	1020	125	54.	10.8	2996.0	*	3	1755	792	0.	.0	2992.0	*	6	01301459	0.	.0	2992.0			
1	1025	126	53.	10.5	2995.9	*	3	1800	793	0.	.0	2992.0	*	6	01351460	0.	.0	2992.0			
1	1030	127	53.	10.1	2995.7	*	3	1805	794	0.	.0	2992.0	*	6	01401461	0.	.0	2992.0			
1	1035	128	53.	9.7	2995.6	*	3	1810	795	0.	.0	2992.0	*	6	01451462	0.	.0	2992.0			
1	1040	129	52.	9.4	2995.5	*	3	1815	796	0.	.0	2992.0	*	6	01501463	0.	.0	2992.0			
1	1045	130	52.	9.0	2995.4	*	3	1820	797	0.	.0	2992.0	*	6	01551464	0.	.0	2992.0			
1	1050	131	52.	8.6	2995.3	*	3	1825	798	0.	.0	2992.0	*	6	02001465	0.	.0	2992.0			
1	1055	132	52.	8.3	2995.2	*	3	1830	799	0.	.0	2992.0	*	6	02051466	0.	.0	2992.0			
1	1100	133	51.	7.9	2995.1	*	3	1835	800	0.	.0	2992.0	*	6	02101467	0.	.0	2992.0			
1	1105	134	51.	7.6	2995.0	*	3	1840	801	0.	.0	2992.0	*	6	02151468	0.	.0	2992.0			
1	1110	135	51.	7.2	2994.9	*	3	1845	802	0.	.0	2992.0	*	6	02201469	0.	.0	2992.0			
1	1115	136	50.	6.9	2994.7	*	3	1850	803	0.	.0	2992.0	*	6	02251470	0.	.0	2992.0			
1	1120	137	50.	6.5	2994.6	*	3	1855	804	0.	.0	2992.0	*	6	02301471	0.	.0	2992.0			

												ULT							
1	1125	138	49.	6.2	2994.5	*	3	1900	805	0.	.0	2992.0	*	6	02351472	0.	.0	2992.0	
1	1130	139	49.	5.9	2994.3	*	3	1905	806	0.	.0	2992.0	*	6	02401473	0.	.0	2992.0	
1	1135	140	48.	5.5	2994.2	*	3	1910	807	0.	.0	2992.0	*	6	02451474	0.	.0	2992.0	
1	1140	141	48.	5.2	2994.1	*	3	1915	808	0.	.0	2992.0	*	6	02501475	0.	.0	2992.0	
1	1145	142	48.	4.9	2994.0	*	3	1920	809	0.	.0	2992.0	*	6	02551476	0.	.0	2992.0	
1	1150	143	47.	4.5	2993.8	*	3	1925	810	0.	.0	2992.0	*	6	03001477	0.	.0	2992.0	
1	1155	144	47.	4.2	2993.7	*	3	1930	811	0.	.0	2992.0	*	6	03051478	0.	.0	2992.0	
1	1200	145	46.	3.9	2993.6	*	3	1935	812	0.	.0	2992.0	*	6	03101479	0.	.0	2992.0	
1	1205	146	46.	3.6	2993.5	*	3	1940	813	0.	.0	2992.0	*	6	03151480	0.	.0	2992.0	
1	1210	147	46.	3.3	2993.3	*	3	1945	814	0.	.0	2992.0	*	6	03201481	0.	.0	2992.0	
1	1215	148	45.	2.9	2993.2	*	3	1950	815	0.	.0	2992.0	*	6	03251482	0.	.0	2992.0	
1	1220	149	45.	2.6	2993.1	*	3	1955	816	0.	.0	2992.0	*	6	03301483	0.	.0	2992.0	
1	1225	150	44.	2.3	2993.0	*	3	2000	817	0.	.0	2992.0	*	6	03351484	0.	.0	2992.0	
1	1230	151	39.	2.0	2992.9	*	3	2005	818	0.	.0	2992.0	*	6	03401485	0.	.0	2992.0	
1	1235	152	34.	1.8	2992.8	*	3	2010	819	0.	.0	2992.0	*	6	03451486	0.	.0	2992.0	
1	1240	153	30.	1.6	2992.7	*	3	2015	820	0.	.0	2992.0	*	6	03501487	0.	.0	2992.0	
1	1245	154	26.	1.4	2992.6	*	3	2020	821	0.	.0	2992.0	*	6	03551488	0.	.0	2992.0	
1	1250	155	23.	1.2	2992.5	*	3	2025	822	0.	.0	2992.0	*	6	04001489	0.	.0	2992.0	
1	1255	156	20.	1.1	2992.5	*	3	2030	823	0.	.0	2992.0	*	6	04051490	0.	.0	2992.0	
1	1300	157	18.	.9	2992.4	*	3	2035	824	0.	.0	2992.0	*	6	04101491	0.	.0	2992.0	
1	1305	158	15.	.8	2992.3	*	3	2040	825	0.	.0	2992.0	*	6	04151492	0.	.0	2992.0	
1	1310	159	14.	.7	2992.3	*	3	2045	826	0.	.0	2992.0	*	6	04201493	0.	.0	2992.0	
1	1315	160	12.	.6	2992.3	*	3	2050	827	0.	.0	2992.0	*	6	04251494	0.	.0	2992.0	
1	1320	161	10.	.6	2992.2	*	3	2055	828	0.	.0	2992.0	*	6	04301495	0.	.0	2992.0	
1	1325	162	9.	.5	2992.2	*	3	2100	829	0.	.0	2992.0	*	6	04351496	0.	.0	2992.0	
1	1330	163	8.	.4	2992.2	*	3	2105	830	0.	.0	2992.0	*	6	04401497	0.	.0	2992.0	
1	1335	164	7.	.4	2992.2	*	3	2110	831	0.	.0	2992.0	*	6	04451498	0.	.0	2992.0	
1	1340	165	6.	.3	2992.1	*	3	2115	832	0.	.0	2992.0	*	6	04501499	0.	.0	2992.0	
1	1345	166	5.	.3	2992.1	*	3	2120	833	0.	.0	2992.0	*	6	04551500	0.	.0	2992.0	
1	1350	167	5.	.3	2992.1	*	3	2125	834	0.	.0	2992.0	*	6	05001501	0.	.0	2992.0	
1	1355	168	4.	.2	2992.1	*	3	2130	835	0.	.0	2992.0	*	6	05051502	0.	.0	2992.0	
1	1400	169	4.	.2	2992.1	*	3	2135	836	0.	.0	2992.0	*	6	05101503	0.	.0	2992.0	
1	1405	170	3.	.2	2992.1	*	3	2140	837	0.	.0	2992.0	*	6	05151504	0.	.0	2992.0	
1	1410	171	3.	.1	2992.1	*	3	2145	838	0.	.0	2992.0	*	6	05201505	0.	.0	2992.0	
1	1415	172	2.	.1	2992.1	*	3	2150	839	0.	.0	2992.0	*	6	05251506	0.	.0	2992.0	
1	1420	173	2.	.1	2992.0	*	3	2155	840	0.	.0	2992.0	*	6	05301507	0.	.0	2992.0	
1	1425	174	2.	.1	2992.0	*	3	2200	841	0.	.0	2992.0	*	6	05351508	0.	.0	2992.0	
1	1430	175	2.	.1	2992.0	*	3	2205	842	0.	.0	2992.0	*	6	05401509	0.	.0	2992.0	
1	1435	176	1.	.1	2992.0	*	3	2210	843	0.	.0	2992.0	*	6	05451510	0.	.0	2992.0	
1	1440	177	1.	.1	2992.0	*	3	2215	844	0.	.0	2992.0	*	6	05501511	0.	.0	2992.0	
1	1445	178	1.	.1	2992.0	*	3	2220	845	0.	.0	2992.0	*	6	05551512	0.	.0	2992.0	
1	1450	179	1.	.1	2992.0	*	3	2225	846	0.	.0	2992.0	*	6	06001513	0.	.0	2992.0	
1	1455	180	1.	.0	2992.0	*	3	2230	847	0.	.0	2992.0	*	6	06051514	0.	.0	2992.0	
1	1500	181	1.	.0	2992.0	*	3	2235	848	0.	.0	2992.0	*	6	06101515	0.	.0	2992.0	
1	1505	182	1.	.0	2992.0	*	3	2240	849	0.	.0	2992.0	*	6	06151516	0.	.0	2992.0	
1	1510	183	1.	.0	2992.0	*	3	2245	850	0.	.0	2992.0	*	6	06201517	0.	.0	2992.0	
1	1515	184	1.	.0	2992.0	*	3	2250	851	0.	.0	2992.0	*	6	06251518	0.	.0	2992.0	
1	1520	185	0.	.0	2992.0	*	3	2255	852	0.	.0	2992.0	*	6	06301519	0.	.0	2992.0	
1	1525	186	0.	.0	2992.0	*	3	2300	853	0.	.0	2992.0	*	6	06351520	0.	.0	2992.0	
1	1530	187	0.	.0	2992.0	*	3	2305	854	0.	.0	2992.0	*	6	06401521	0.	.0	2992.0	
1	1535	188	0.	.0	2992.0	*	3	2310	855	0.	.0	2992.0	*	6	06451522	0.	.0	2992.0	
1	1540	189	0.	.0	2992.0	*	3	2315	856	0.	.0	2992.0	*	6	06501523	0.	.0	2992.0	
1	1545	190	0.	.0	2992.0	*	3	2320	857	0.	.0	2992.0	*	6	06551524	0.	.0	2992.0	
1	1550	191	0.	.0	2992.0	*	3	2325	858	0.	.0	2992.0	*	6	07001525	0.	.0	2992.0	
1	1555	192	0.	.0	2992.0	*	3	2330	859	0.	.0	2992.0	*	6	07051526	0.	.0	2992.0	
1	1600	193	0.	.0	2992.0	*	3	2335	860	0.	.0	2992.0	*	6	07101527	0.	.0	2992.0	
1	1605	194	0.	.0	2992.0	*	3	2340	861	0.	.0	2992.0	*	6	07151528	0.	.0	2992.0	
1	1610	195	0.	.0	2992.0	*	3	2345	862	0.	.0	2992.0	*	6	07201529	0.	.0	2992.0	
1	1615	196	0.	.0	2992.0	*	3	2350	863	0.	.0	2992.0	*	6	07251530	0.	.0	2992.0	
1	1620	197	0.	.0	2992.0	*	3	2355	864	0.	.0	2992.0	*	6	07301531	0.	.0	2992.0	
1	1625	198	0.	.0	2992.0	*	4	0000	865	0.	.0	2992.0	*	6	07351532	0.	.0	2992.0	
1	1630	199	0.	.0	2992.0	*	4	0005	866	0.	.0	2992.0	*	6	07401533	0.	.0	2992.0	
1	1635	200	0.	.0	2992.0	*	4	0010	867	0.	.0	2992.0	*	6	07451534	0.	.0	2992.0	
1	1640	201	0.	.0	2992.0	*	4	0015	868	0.	.0	2992.0	*	6	07501535	0.	.0	2992.0	
1	1645	202	0.	.0	2992.0	*	4	0020	869	0.	.0	2992.0	*	6	07551536	0.	.0	2992.0	
1	1650	203	0.	.0	2992.0	*	4	0025	870	0.	.0	2992.0	*	6	08001537	0.	.0	2992.0	
1	1655	204	0.	.0	2992.0	*	4	0030	871	0.	.0	2992.0	*	6	08051538	0.	.0	2992.0	
1	1700	205	0.	.0	2992.0	*	4	0035	872	0.	.0	2992.0	*	6	08101539	0.	.0	2992.0	
1	1705	206	0.	.0	2992.0	*	4	0040	873	0.	.0	2992.0	*	6	08151540	0.	.0	2992.0	
1	1710	207	0.	.0	2992.0	*	4	0045	874	0.	.0	2992.0	*	6	08201541	0.	.0	2992.0	
1	1715	208	0.	.0	2992.0	*	4	0050	875	0.	.0	2992.0	*	6	08251542	0.	.0	2992.0	
1	1720	209	0.	.0	2992.0	*	4	0055	876	0.	.0	2992.0	*	6	08301543	0.	.0	2992.0	
1	1725	210	0.	.0	2992.0	*	4	0100	877	0.	.0	2992.0	*	6	08351544	0.	.0	2992.0	
1	1730	211	0.	.0	2992.0	*	4	0105	878	0.	.0	2992.0	*	6	08401545	0.	.0	2992.0	
1	1735	212	0.	.0	2992.0	*	4	0110	879	0.	.0	2992.0	*	6	08451546	0.	.0	2992.0	
1	1740	213	0.	.0	2992.0	*	4	0115	880	0.	.0	2992.0	*	6	08501547	0.	.0	2992.0	
1	1745	214	0.	.0	2992.0	*	4	0120	881	0.	.0	2992.0	*	6	08551548	0.	.0	2992.0	
1	1750	215	0.	.0	2992.0	*	4	0125	882	0.	.0	2992.0	*	6	09001549	0.	.0	2992.0	
1	1755	216	0.	.0	2992.0	*	4	0130	883	0.	.0	2992.0	*	6	09051550	0.	.0	2992.0	
1	1800	217	0.	.0	2992.0	*	4	0135	884	0.	.0	2992.0	*	6	09101551	0.	.0	2992.0	
1	1805	218	0.	.0	2992.0	*	4	0140	885	0.	.0	2992.0	*	6	09151552	0.	.0	2992.0	
1	1810	219	0.	.0	2992.0	*	4	0145	886	0.	.0	2992.0	*	6	09201553	0.	.0	2992.0	
1	1815	220	0.	.0	2992.0	*	4	0150	887	0.	.0	2992.0	*	6	09251554	0.	.0	2992.0	
1	1820	221	0.	.0	2992.0	*	4	0155	888	0.	.0	2992.0	*	6	09301555	0.	.0	2992.0	
1	1825	222	0.	.0	2992.0	*	4	0200	889	0.	.0	2992.0	*	6	09351556	0.	.0	2992.0	
1	1830	223	0.	.0	2992.0	*	4	0205	890	0.	.0	2992.0	*	6	09401557	0.	.0	2992.0	
1	1835	224	0.	.0	2992.0	*	4	0210	891	0.	.0	2992.0	*	6	09451558	0.	.0	2992.0	
1	1840	225	0.	.0	2992.0	*	4	0215	892	0.	.0	2992.0	*	6	09501559	0.	.0	2992.0	
1	1845	226	0.	.0	2992.0	*	4	0220	893	0.	.0	2992.0	*	6	09551560	0.	.0	2992.0	

												ULT							
1	1850	227	0.	.0	2992.0	*	4	0225	894	0.	.0	2992.0	*	6	10001561	0.	.0	2992.0	
1	1855	228	0.	.0	2992.0	*	4	0230	895	0.	.0	2992.0	*	6	10051562	0.	.0	2992.0	
1	1900	229	0.	.0	2992.0	*	4	0235	896	0.	.0	2992.0	*	6	10101563	0.	.0	2992.0	
1	1905	230	0.	.0	2992.0	*	4	0240	897	0.	.0	2992.0	*	6	10151564	0.	.0	2992.0	
1	1910	231	0.	.0	2992.0	*	4	0245	898	0.	.0	2992.0	*	6	10201565	0.	.0	2992.0	
1	1915	232	0.	.0	2992.0	*	4	0250	899	0.	.0	2992.0	*	6	10251566	0.	.0	2992.0	
1	1920	233	0.	.0	2992.0	*	4	0255	900	0.	.0	2992.0	*	6	10301567	0.	.0	2992.0	
1	1925	234	0.	.0	2992.0	*	4	0300	901	0.	.0	2992.0	*	6	10351568	0.	.0	2992.0	
1	1930	235	0.	.0	2992.0	*	4	0305	902	0.	.0	2992.0	*	6	10401569	0.	.0	2992.0	
1	1935	236	0.	.0	2992.0	*	4	0310	903	0.	.0	2992.0	*	6	10451570	0.	.0	2992.0	
1	1940	237	0.	.0	2992.0	*	4	0315	904	0.	.0	2992.0	*	6	10501571	0.	.0	2992.0	
1	1945	238	0.	.0	2992.0	*	4	0320	905	0.	.0	2992.0	*	6	10551572	0.	.0	2992.0	
1	1950	239	0.	.0	2992.0	*	4	0325	906	0.	.0	2992.0	*	6	11001573	0.	.0	2992.0	
1	1955	240	0.	.0	2992.0	*	4	0330	907	0.	.0	2992.0	*	6	11051574	0.	.0	2992.0	
1	2000	241	0.	.0	2992.0	*	4	0335	908	0.	.0	2992.0	*	6	11101575	0.	.0	2992.0	
1	2005	242	0.	.0	2992.0	*	4	0340	909	0.	.0	2992.0	*	6	11151576	0.	.0	2992.0	
1	2010	243	0.	.0	2992.0	*	4	0345	910	0.	.0	2992.0	*	6	11201577	0.	.0	2992.0	
1	2015	244	0.	.0	2992.0	*	4	0350	911	0.	.0	2992.0	*	6	11251578	0.	.0	2992.0	
1	2020	245	0.	.0	2992.0	*	4	0355	912	0.	.0	2992.0	*	6	11301579	0.	.0	2992.0	
1	2025	246	0.	.0	2992.0	*	4	0400	913	0.	.0	2992.0	*	6	11351580	0.	.0	2992.0	
1	2030	247	0.	.0	2992.0	*	4	0405	914	0.	.0	2992.0	*	6	11401581	0.	.0	2992.0	
1	2035	248	0.	.0	2992.0	*	4	0410	915	0.	.0	2992.0	*	6	11451582	0.	.0	2992.0	
1	2040	249	0.	.0	2992.0	*	4	0415	916	0.	.0	2992.0	*	6	11501583	0.	.0	2992.0	
1	2045	250	0.	.0	2992.0	*	4	0420	917	0.	.0	2992.0	*	6	11551584	0.	.0	2992.0	
1	2050	251	0.	.0	2992.0	*	4	0425	918	0.	.0	2992.0	*	6	12001585	0.	.0	2992.0	
1	2055	252	0.	.0	2992.0	*	4	0430	919	0.	.0	2992.0	*	6	12051586	0.	.0	2992.0	
1	2100	253	0.	.0	2992.0	*	4	0435	920	0.	.0	2992.0	*	6	12101587	0.	.0	2992.0	
1	2105	254	0.	.0	2992.0	*	4	0440	921	0.	.0	2992.0	*	6	12151588	0.	.0	2992.0	
1	2110	255	0.	.0	2992.0	*	4	0445	922	0.	.0	2992.0	*	6	12201589	0.	.0	2992.0	
1	2115	256	0.	.0	2992.0	*	4	0450	923	0.	.0	2992.0	*	6	12251590	0.	.0	2992.0	
1	2120	257	0.	.0	2992.0	*	4	0455	924	0.	.0	2992.0	*	6	12301591	0.	.0	2992.0	
1	2125	258	0.	.0	2992.0	*	4	0500	925	0.	.0	2992.0	*	6	12351592	0.	.0	2992.0	
1	2130	259	0.	.0	2992.0	*	4	0505	926	0.	.0	2992.0	*	6	12401593	0.	.0	2992.0	
1	2135	260	0.	.0	2992.0	*	4	0510	927	0.	.0	2992.0	*	6	12451594	0.	.0	2992.0	
1	2140	261	0.	.0	2992.0	*	4	0515	928	0.	.0	2992.0	*	6	12501595	0.	.0	2992.0	
1	2145	262	0.	.0	2992.0	*	4	0520	929	0.	.0	2992.0	*	6	12551596	0.	.0	2992.0	
1	2150	263	0.	.0	2992.0	*	4	0525	930	0.	.0	2992.0	*	6	13001597	0.	.0	2992.0	
1	2155	264	0.	.0	2992.0	*	4	0530	931	0.	.0	2992.0	*	6	13051598	0.	.0	2992.0	
1	2200	265	0.	.0	2992.0	*	4	0535	932	0.	.0	2992.0	*	6	13101599	0.	.0	2992.0	
1	2205	266	0.	.0	2992.0	*	4	0540	933	0.	.0	2992.0	*	6	13151600	0.	.0	2992.0	
1	2210	267	0.	.0	2992.0	*	4	0545	934	0.	.0	2992.0	*	6	13201601	0.	.0	2992.0	
1	2215	268	0.	.0	2992.0	*	4	0550	935	0.	.0	2992.0	*	6	13251602	0.	.0	2992.0	
1	2220	269	0.	.0	2992.0	*	4	0555	936	0.	.0	2992.0	*	6	13301603	0.	.0	2992.0	
1	2225	270	0.	.0	2992.0	*	4	0600	937	0.	.0	2992.0	*	6	13351604	0.	.0	2992.0	
1	2230	271	0.	.0	2992.0	*	4	0605	938	0.	.0	2992.0	*	6	13401605	0.	.0	2992.0	
1	2235	272	0.	.0	2992.0	*	4	0610	939	0.	.0	2992.0	*	6	13451606	0.	.0	2992.0	
1	2240	273	0.	.0	2992.0	*	4	0615	940	0.	.0	2992.0	*	6	13501607	0.	.0	2992.0	
1	2245	274	0.	.0	2992.0	*	4	0620	941	0.	.0	2992.0	*	6	13551608	0.	.0	2992.0	
1	2250	275	0.	.0	2992.0	*	4	0625	942	0.	.0	2992.0	*	6	14001609	0.	.0	2992.0	
1	2255	276	0.	.0	2992.0	*	4	0630	943	0.	.0	2992.0	*	6	14051610	0.	.0	2992.0	
1	2300	277	0.	.0	2992.0	*	4	0635	944	0.	.0	2992.0	*	6	14101611	0.	.0	2992.0	
1	2305	278	0.	.0	2992.0	*	4	0640	945	0.	.0	2992.0	*	6	14151612	0.	.0	2992.0	
1	2310	279	0.	.0	2992.0	*	4	0645	946	0.	.0	2992.0	*	6	14201613	0.	.0	2992.0	
1	2315	280	0.	.0	2992.0	*	4	0650	947	0.	.0	2992.0	*	6	14251614	0.	.0	2992.0	
1	2320	281	0.	.0	2992.0	*	4	0655	948	0.	.0	2992.0	*	6	14301615	0.	.0	2992.0	
1	2325	282	0.	.0	2992.0	*	4	0700	949	0.	.0	2992.0	*	6	14351616	0.	.0	2992.0	
1	2330	283	0.	.0	2992.0	*	4	0705	950	0.	.0	2992.0	*	6	14401617	0.	.0	2992.0	
1	2335	284	0.	.0	2992.0	*	4	0710	951	0.	.0	2992.0	*	6	14451618	0.	.0	2992.0	
1	2340	285	0.	.0	2992.0	*	4	0715	952	0.	.0	2992.0	*	6	14501619	0.	.0	2992.0	
1	2345	286	0.	.0	2992.0	*	4	0720	953	0.	.0	2992.0	*	6	14551620	0.	.0	2992.0	
1	2350	287	0.	.0	2992.0	*	4	0725	954	0.	.0	2992.0	*	6	15001621	0.	.0	2992.0	
1	2355	288	0.	.0	2992.0	*	4	0730	955	0.	.0	2992.0	*	6	15051622	0.	.0	2992.0	
2	0000	289	0.	.0	2992.0	*	4	0735	956	0.	.0	2992.0	*	6	15101623	0.	.0	2992.0	
2	0005	290	0.	.0	2992.0	*	4	0740	957	0.	.0	2992.0	*	6	15151624	0.	.0	2992.0	
2	0010	291	0.	.0	2992.0	*	4	0745	958	0.	.0	2992.0	*	6	15201625	0.	.0	2992.0	
2	0015	292	0.	.0	2992.0	*	4	0750	959	0.	.0	2992.0	*	6	15251626	0.	.0	2992.0	
2	0020	293	0.	.0	2992.0	*	4	0755	960	0.	.0	2992.0	*	6	15301627	0.	.0	2992.0	
2	0025	294	0.	.0	2992.0	*	4	0800	961	0.	.0	2992.0	*	6	15351628	0.	.0	2992.0	
2	0030	295	0.	.0	2992.0	*	4	0805	962	0.	.0	2992.0	*	6	15401629	0.	.0	2992.0	
2	0035	296	0.	.0	2992.0	*	4	0810	963	0.	.0	2992.0	*	6	15451630	0.	.0	2992.0	
2	0040	297	0.	.0	2992.0	*	4	0815	964	0.	.0	2992.0	*	6	15501631	0.	.0	2992.0	
2	0045	298	0.	.0	2992.0	*	4	0820	965	0.	.0	2992.0	*	6	15551632	0.	.0	2992.0	
2	0050	299	0.	.0	2992.0	*	4	0825	966	0.	.0	2992.0	*	6	16001633	0.	.0	2992.0	
2	0055	300	0.	.0	2992.0	*	4	0830	967	0.	.0	2992.0	*	6	16051634	0.	.0	2992.0	
2	0100	301	0.	.0	2992.0	*	4	0835	968	0.	.0	2992.0	*	6	16101635	0.	.0	2992.0	
2	0105	302	0.	.0	2992.0	*	4	0840	969	0.	.0	2992.0	*	6	16151636	0.	.0	2992.0	
2	0110	303	0.	.0	2992.0	*	4	0845	970	0.	.0	2992.0	*	6	16201637	0.	.0	2992.0	
2	0115	304	0.	.0	2992.0	*	4	0850	971	0.	.0	2992.0	*	6	16251638	0.	.0	2992.0	
2	0120	305	0.	.0	2992.0	*	4	0855	972	0.	.0	2992.0	*	6	16301639	0.	.0	2992.0	
2	0125	306	0.	.0	2992.0	*	4	0900	973	0.	.0	2992.0	*	6	16351640	0.	.0	2992.0	
2	0130	307	0.	.0	2992.0	*	4	0905	974	0.	.0	2992.0	*	6	16401641	0.	.0	2992.0	
2	0135	308	0.	.0	2992.0	*	4	0910	975	0.	.0	2992.0	*	6	16451642	0.	.0	2992.0	
2	0140	309	0.	.0	2992.0	*	4	0915	976	0.	.0	2992.0	*	6	16501643	0.	.0	2992.0	
2	0145	310	0.	.0	2992.0	*	4	0920	977	0.	.0	2992.0	*	6	16551644	0.	.0	2992.0	
2	0150	311	0.	.0	2992.0	*	4	0925	978	0.	.0	2992.0	*	6	17001645	0.	.0	2992.0	
2	0155	312	0.	.0	2992.0	*	4	0930	979	0.	.0	2992.0	*	6	17051646	0.	.0	2992.0	
2	0200	313	0.	.0	2992.0	*	4	0935	980	0.	.0	2992.0	*	6	17101647	0.	.0	2992.0	
2	0205	314	0.	.0	2992.0	*	4	0940	981	0.	.0	2992.0	*	6	17151648	0.	.0	2992.0	
2	0210	315	0.	.0	2992.0	*	4	0945	982	0.	.0	2992.0	*	6	17201649	0.	.0	2992.0	

												ULT							
2	0215	316	0.	.0	2992.0	*	4	0950	983	0.	.0	2992.0	*	6	17251650	0.	.0	2992.0	
2	0220	317	0.	.0	2992.0	*	4	0955	984	0.	.0	2992.0	*	6	17301651	0.	.0	2992.0	
2	0225	318	0.	.0	2992.0	*	4	1000	985	0.	.0	2992.0	*	6	17351652	0.	.0	2992.0	
2	0230	319	0.	.0	2992.0	*	4	1005	986	0.	.0	2992.0	*	6	17401653	0.	.0	2992.0	
2	0235	320	0.	.0	2992.0	*	4	1010	987	0.	.0	2992.0	*	6	17451654	0.	.0	2992.0	
2	0240	321	0.	.0	2992.0	*	4	1015	988	0.	.0	2992.0	*	6	17501655	0.	.0	2992.0	
2	0245	322	0.	.0	2992.0	*	4	1020	989	0.	.0	2992.0	*	6	17551656	0.	.0	2992.0	
2	0250	323	0.	.0	2992.0	*	4	1025	990	0.	.0	2992.0	*	6	18001657	0.	.0	2992.0	
2	0255	324	0.	.0	2992.0	*	4	1030	991	0.	.0	2992.0	*	6	18051658	0.	.0	2992.0	
2	0300	325	0.	.0	2992.0	*	4	1035	992	0.	.0	2992.0	*	6	18101659	0.	.0	2992.0	
2	0305	326	0.	.0	2992.0	*	4	1040	993	0.	.0	2992.0	*	6	18151660	0.	.0	2992.0	
2	0310	327	0.	.0	2992.0	*	4	1045	994	0.	.0	2992.0	*	6	18201661	0.	.0	2992.0	
2	0315	328	0.	.0	2992.0	*	4	1050	995	0.	.0	2992.0	*	6	18251662	0.	.0	2992.0	
2	0320	329	0.	.0	2992.0	*	4	1055	996	0.	.0	2992.0	*	6	18301663	0.	.0	2992.0	
2	0325	330	0.	.0	2992.0	*	4	1100	997	0.	.0	2992.0	*	6	18351664	0.	.0	2992.0	
2	0330	331	0.	.0	2992.0	*	4	1105	998	0.	.0	2992.0	*	6	18401665	0.	.0	2992.0	
2	0335	332	0.	.0	2992.0	*	4	1110	999	0.	.0	2992.0	*	6	18451666	0.	.0	2992.0	
2	0340	333	0.	.0	2992.0	*	4	11151000		0.	.0	2992.0	*	6	18501667	0.	.0	2992.0	
2	0345	334	0.	.0	2992.0	*	4	11201001		0.	.0	2992.0	*	6	18551668	0.	.0	2992.0	
2	0350	335	0.	.0	2992.0	*	4	11251002		0.	.0	2992.0	*	6	19001669	0.	.0	2992.0	
2	0355	336	0.	.0	2992.0	*	4	11301003		0.	.0	2992.0	*	6	19051670	0.	.0	2992.0	
2	0400	337	0.	.0	2992.0	*	4	11351004		0.	.0	2992.0	*	6	19101671	0.	.0	2992.0	
2	0405	338	0.	.0	2992.0	*	4	11401005		0.	.0	2992.0	*	6	19151672	0.	.0	2992.0	
2	0410	339	0.	.0	2992.0	*	4	11451006		0.	.0	2992.0	*	6	19201673	0.	.0	2992.0	
2	0415	340	0.	.0	2992.0	*	4	11501007		0.	.0	2992.0	*	6	19251674	0.	.0	2992.0	
2	0420	341	0.	.0	2992.0	*	4	11551008		0.	.0	2992.0	*	6	19301675	0.	.0	2992.0	
2	0425	342	0.	.0	2992.0	*	4	12001009		0.	.0	2992.0	*	6	19351676	0.	.0	2992.0	
2	0430	343	0.	.0	2992.0	*	4	12051010		0.	.0	2992.0	*	6	19401677	0.	.0	2992.0	
2	0435	344	0.	.0	2992.0	*	4	12101011		0.	.0	2992.0	*	6	19451678	0.	.0	2992.0	
2	0440	345	0.	.0	2992.0	*	4	12151012		0.	.0	2992.0	*	6	19501679	0.	.0	2992.0	
2	0445	346	0.	.0	2992.0	*	4	12201013		0.	.0	2992.0	*	6	19551680	0.	.0	2992.0	
2	0450	347	0.	.0	2992.0	*	4	12251014		0.	.0	2992.0	*	6	20001681	0.	.0	2992.0	
2	0455	348	0.	.0	2992.0	*	4	12301015		0.	.0	2992.0	*	6	20051682	0.	.0	2992.0	
2	0500	349	0.	.0	2992.0	*	4	12351016		0.	.0	2992.0	*	6	20101683	0.	.0	2992.0	
2	0505	350	0.	.0	2992.0	*	4	12401017		0.	.0	2992.0	*	6	20151684	0.	.0	2992.0	
2	0510	351	0.	.0	2992.0	*	4	12451018		0.	.0	2992.0	*	6	20201685	0.	.0	2992.0	
2	0515	352	0.	.0	2992.0	*	4	12501019		0.	.0	2992.0	*	6	20251686	0.	.0	2992.0	
2	0520	353	0.	.0	2992.0	*	4	12551020		0.	.0	2992.0	*	6	20301687	0.	.0	2992.0	
2	0525	354	0.	.0	2992.0	*	4	13001021		0.	.0	2992.0	*	6	20351688	0.	.0	2992.0	
2	0530	355	0.	.0	2992.0	*	4	13051022		0.	.0	2992.0	*	6	20401689	0.	.0	2992.0	
2	0535	356	0.	.0	2992.0	*	4	13101023		0.	.0	2992.0	*	6	20451690	0.	.0	2992.0	
2	0540	357	0.	.0	2992.0	*	4	13151024		0.	.0	2992.0	*	6	20501691	0.	.0	2992.0	
2	0545	358	0.	.0	2992.0	*	4	13201025		0.	.0	2992.0	*	6	20551692	0.	.0	2992.0	
2	0550	359	0.	.0	2992.0	*	4	13251026		0.	.0	2992.0	*	6	21001693	0.	.0	2992.0	
2	0555	360	0.	.0	2992.0	*	4	13301027		0.	.0	2992.0	*	6	21051694	0.	.0	2992.0	
2	0600	361	0.	.0	2992.0	*	4	13351028		0.	.0	2992.0	*	6	21101695	0.	.0	2992.0	
2	0605	362	0.	.0	2992.0	*	4	13401029		0.	.0	2992.0	*	6	21151696	0.	.0	2992.0	
2	0610	363	0.	.0	2992.0	*	4	13451030		0.	.0	2992.0	*	6	21201697	0.	.0	2992.0	
2	0615	364	0.	.0	2992.0	*	4	13501031		0.	.0	2992.0	*	6	21251698	0.	.0	2992.0	
2	0620	365	0.	.0	2992.0	*	4	13551032		0.	.0	2992.0	*	6	21301699	0.	.0	2992.0	
2	0625	366	0.	.0	2992.0	*	4	14001033		0.	.0	2992.0	*	6	21351700	0.	.0	2992.0	
2	0630	367	0.	.0	2992.0	*	4	14051034		0.	.0	2992.0	*	6	21401701	0.	.0	2992.0	
2	0635	368	0.	.0	2992.0	*	4	14101035		0.	.0	2992.0	*	6	21451702	0.	.0	2992.0	
2	0640	369	0.	.0	2992.0	*	4	14151036		0.	.0	2992.0	*	6	21501703	0.	.0	2992.0	
2	0645	370	0.	.0	2992.0	*	4	14201037		0.	.0	2992.0	*	6	21551704	0.	.0	2992.0	
2	0650	371	0.	.0	2992.0	*	4	14251038		0.	.0	2992.0	*	6	22001705	0.	.0	2992.0	
2	0655	372	0.	.0	2992.0	*	4	14301039		0.	.0	2992.0	*	6	22051706	0.	.0	2992.0	
2	0700	373	0.	.0	2992.0	*	4	14351040		0.	.0	2992.0	*	6	22101707	0.	.0	2992.0	
2	0705	374	0.	.0	2992.0	*	4	14401041		0.	.0	2992.0	*	6	22151708	0.	.0	2992.0	
2	0710	375	0.	.0	2992.0	*	4	14451042		0.	.0	2992.0	*	6	22201709	0.	.0	2992.0	
2	0715	376	0.	.0	2992.0	*	4	14501043		0.	.0	2992.0	*	6	22251710	0.	.0	2992.0	
2	0720	377	0.	.0	2992.0	*	4	14551044		0.	.0	2992.0	*	6	22301711	0.	.0	2992.0	
2	0725	378	0.	.0	2992.0	*	4	15001045		0.	.0	2992.0	*	6	22351712	0.	.0	2992.0	
2	0730	379	0.	.0	2992.0	*	4	15051046		0.	.0	2992.0	*	6	22401713	0.	.0	2992.0	
2	0735	380	0.	.0	2992.0	*	4	15101047		0.	.0	2992.0	*	6	22451714	0.	.0	2992.0	
2	0740	381	0.	.0	2992.0	*	4	15151048		0.	.0	2992.0	*	6	22501715	0.	.0	2992.0	
2	0745	382	0.	.0	2992.0	*	4	15201049		0.	.0	2992.0	*	6	22551716	0.	.0	2992.0	
2	0750	383	0.	.0	2992.0	*	4	15251050		0.	.0	2992.0	*	6	23001717	0.	.0	2992.0	
2	0755	384	0.	.0	2992.0	*	4	15301051		0.	.0	2992.0	*	6	23051718	0.	.0	2992.0	
2	0800	385	0.	.0	2992.0	*	4	15351052		0.	.0	2992.0	*	6	23101719	0.	.0	2992.0	
2	0805	386	0.	.0	2992.0	*	4	15401053		0.	.0	2992.0	*	6	23151720	0.	.0	2992.0	
2	0810	387	0.	.0	2992.0	*	4	15451054		0.	.0	2992.0	*	6	23201721	0.	.0	2992.0	
2	0815	388	0.	.0	2992.0	*	4	15501055		0.	.0	2992.0	*	6	23251722	0.	.0	2992.0	
2	0820	389	0.	.0	2992.0	*	4	15551056		0.	.0	2992.0	*	6	23301723	0.	.0	2992.0	
2	0825	390	0.	.0	2992.0	*	4	16001057		0.	.0	2992.0	*	6	23351724	0.	.0	2992.0	
2	0830	391	0.	.0	2992.0	*	4	16051058		0.	.0	2992.0	*	6	23401725	0.	.0	2992.0	
2	0835	392	0.	.0	2992.0	*	4	16101059		0.	.0	2992.0	*	6	23451726	0.	.0	2992.0	
2	0840	393	0.	.0	2992.0	*	4	16151060		0.	.0	2992.0	*	6	23501727	0.	.0	2992.0	
2	0845	394	0.	.0	2992.0	*	4	16201061		0.	.0	2992.0	*	6	23551728	0.	.0	2992.0	
2	0850	395	0.	.0	2992.0	*	4	16251062		0.	.0	2992.0	*	7	00001729	0.	.0	2992.0	
2	0855	396	0.	.0	2992.0	*	4	16301063		0.	.0	2992.0	*	7	00051730	0.	.0	2992.0	
2	0900	397	0.	.0	2992.0	*	4	16351064		0.	.0	2992.0	*	7	00101731	0.	.0	2992.0	
2	0905	398	0.	.0	2992.0	*	4	16401065		0.	.0	2992.0	*	7	00151732	0.	.0	2992.0	
2	0910	399	0.	.0	2992.0	*	4	16451066		0.	.0	2992.0	*	7	00201733	0.	.0	2992.0	
2	0915	400	0.	.0	2992.0	*	4	16501067		0.	.0	2992.0	*	7	00251734	0.	.0	2992.0	
2	0920	401	0.	.0	2992.0	*	4	16551068		0.	.0	2992.0	*	7	00301735	0.	.0	2992.0	
2	0925	402	0.	.0	2992.0	*	4	17001069		0.	.0	2992.0	*	7	00351736	0.	.0	2992.0	
2	0930	403	0.	.0	2992.0	*	4	17051070		0.	.0	2992.0	*	7	00401737	0.	.0	2992.0	
2	0935	404	0.	.0	2992.0	*	4	17101071		0.	.0	2992.0	*	7	00451738	0.	.0	2992.0	

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2	0940	405	0.	.0	2992.0	4	17151072	0.	.0	2992.0	7	00501739	0.	.0	2992.0
2	0945	406	0.	.0	2992.0	4	17201073	0.	.0	2992.0	7	00551740	0.	.0	2992.0
2	0950	407	0.	.0	2992.0	4	17251074	0.	.0	2992.0	7	01001741	0.	.0	2992.0
2	0955	408	0.	.0	2992.0	4	17301075	0.	.0	2992.0	7	01051742	0.	.0	2992.0
2	1000	409	0.	.0	2992.0	4	17351076	0.	.0	2992.0	7	01101743	0.	.0	2992.0
2	1005	410	0.	.0	2992.0	4	17401077	0.	.0	2992.0	7	01151744	0.	.0	2992.0
2	1010	411	0.	.0	2992.0	4	17451078	0.	.0	2992.0	7	01201745	0.	.0	2992.0
2	1015	412	0.	.0	2992.0	4	17501079	0.	.0	2992.0	7	01251746	0.	.0	2992.0
2	1020	413	0.	.0	2992.0	4	17551080	0.	.0	2992.0	7	01301747	0.	.0	2992.0
2	1025	414	0.	.0	2992.0	4	18001081	0.	.0	2992.0	7	01351748	0.	.0	2992.0
2	1030	415	0.	.0	2992.0	4	18051082	0.	.0	2992.0	7	01401749	0.	.0	2992.0
2	1035	416	0.	.0	2992.0	4	18101083	0.	.0	2992.0	7	01451750	0.	.0	2992.0
2	1040	417	0.	.0	2992.0	4	18151084	0.	.0	2992.0	7	01501751	0.	.0	2992.0
2	1045	418	0.	.0	2992.0	4	18201085	0.	.0	2992.0	7	01551752	0.	.0	2992.0
2	1050	419	0.	.0	2992.0	4	18251086	0.	.0	2992.0	7	02001753	0.	.0	2992.0
2	1055	420	0.	.0	2992.0	4	18301087	0.	.0	2992.0	7	02051754	0.	.0	2992.0
2	1100	421	0.	.0	2992.0	4	18351088	0.	.0	2992.0	7	02101755	0.	.0	2992.0
2	1105	422	0.	.0	2992.0	4	18401089	0.	.0	2992.0	7	02151756	0.	.0	2992.0
2	1110	423	0.	.0	2992.0	4	18451090	0.	.0	2992.0	7	02201757	0.	.0	2992.0
2	1115	424	0.	.0	2992.0	4	18501091	0.	.0	2992.0	7	02251758	0.	.0	2992.0
2	1120	425	0.	.0	2992.0	4	18551092	0.	.0	2992.0	7	02301759	0.	.0	2992.0
2	1125	426	0.	.0	2992.0	4	19001093	0.	.0	2992.0	7	02351760	0.	.0	2992.0
2	1130	427	0.	.0	2992.0	4	19051094	0.	.0	2992.0	7	02401761	0.	.0	2992.0
2	1135	428	0.	.0	2992.0	4	19101095	0.	.0	2992.0	7	02451762	0.	.0	2992.0
2	1140	429	0.	.0	2992.0	4	19151096	0.	.0	2992.0	7	02501763	0.	.0	2992.0
2	1145	430	0.	.0	2992.0	4	19201097	0.	.0	2992.0	7	02551764	0.	.0	2992.0
2	1150	431	0.	.0	2992.0	4	19251098	0.	.0	2992.0	7	03001765	0.	.0	2992.0
2	1155	432	0.	.0	2992.0	4	19301099	0.	.0	2992.0	7	03051766	0.	.0	2992.0
2	1200	433	0.	.0	2992.0	4	19351100	0.	.0	2992.0	7	03101767	0.	.0	2992.0
2	1205	434	0.	.0	2992.0	4	19401101	0.	.0	2992.0	7	03151768	0.	.0	2992.0
2	1210	435	0.	.0	2992.0	4	19451102	0.	.0	2992.0	7	03201769	0.	.0	2992.0
2	1215	436	0.	.0	2992.0	4	19501103	0.	.0	2992.0	7	03251770	0.	.0	2992.0
2	1220	437	0.	.0	2992.0	4	19551104	0.	.0	2992.0	7	03301771	0.	.0	2992.0
2	1225	438	0.	.0	2992.0	4	20001105	0.	.0	2992.0	7	03351772	0.	.0	2992.0
2	1230	439	0.	.0	2992.0	4	20051106	0.	.0	2992.0	7	03401773	0.	.0	2992.0
2	1235	440	0.	.0	2992.0	4	20101107	0.	.0	2992.0	7	03451774	0.	.0	2992.0
2	1240	441	0.	.0	2992.0	4	20151108	0.	.0	2992.0	7	03501775	0.	.0	2992.0
2	1245	442	0.	.0	2992.0	4	20201109	0.	.0	2992.0	7	03551776	0.	.0	2992.0
2	1250	443	0.	.0	2992.0	4	20251110	0.	.0	2992.0	7	04001777	0.	.0	2992.0
2	1255	444	0.	.0	2992.0	4	20301111	0.	.0	2992.0	7	04051778	0.	.0	2992.0
2	1300	445	0.	.0	2992.0	4	20351112	0.	.0	2992.0	7	04101779	0.	.0	2992.0
2	1305	446	0.	.0	2992.0	4	20401113	0.	.0	2992.0	7	04151780	0.	.0	2992.0
2	1310	447	0.	.0	2992.0	4	20451114	0.	.0	2992.0	7	04201781	0.	.0	2992.0
2	1315	448	0.	.0	2992.0	4	20501115	0.	.0	2992.0	7	04251782	0.	.0	2992.0
2	1320	449	0.	.0	2992.0	4	20551116	0.	.0	2992.0	7	04301783	0.	.0	2992.0
2	1325	450	0.	.0	2992.0	4	21001117	0.	.0	2992.0	7	04351784	0.	.0	2992.0
2	1330	451	0.	.0	2992.0	4	21051118	0.	.0	2992.0	7	04401785	0.	.0	2992.0
2	1335	452	0.	.0	2992.0	4	21101119	0.	.0	2992.0	7	04451786	0.	.0	2992.0
2	1340	453	0.	.0	2992.0	4	21151120	0.	.0	2992.0	7	04501787	0.	.0	2992.0
2	1345	454	0.	.0	2992.0	4	21201121	0.	.0	2992.0	7	04551788	0.	.0	2992.0
2	1350	455	0.	.0	2992.0	4	21251122	0.	.0	2992.0	7	05001789	0.	.0	2992.0
2	1355	456	0.	.0	2992.0	4	21301123	0.	.0	2992.0	7	05051790	0.	.0	2992.0
2	1400	457	0.	.0	2992.0	4	21351124	0.	.0	2992.0	7	05101791	0.	.0	2992.0
2	1405	458	0.	.0	2992.0	4	21401125	0.	.0	2992.0	7	05151792	0.	.0	2992.0
2	1410	459	0.	.0	2992.0	4	21451126	0.	.0	2992.0	7	05201793	0.	.0	2992.0
2	1415	460	0.	.0	2992.0	4	21501127	0.	.0	2992.0	7	05251794	0.	.0	2992.0
2	1420	461	0.	.0	2992.0	4	21551128	0.	.0	2992.0	7	05301795	0.	.0	2992.0
2	1425	462	0.	.0	2992.0	4	22001129	0.	.0	2992.0	7	05351796	0.	.0	2992.0
2	1430	463	0.	.0	2992.0	4	22051130	0.	.0	2992.0	7	05401797	0.	.0	2992.0
2	1435	464	0.	.0	2992.0	4	22101131	0.	.0	2992.0	7	05451798	0.	.0	2992.0
2	1440	465	0.	.0	2992.0	4	22151132	0.	.0	2992.0	7	05501799	0.	.0	2992.0
2	1445	466	0.	.0	2992.0	4	22201133	0.	.0	2992.0	7	05551800	0.	.0	2992.0
2	1450	467	0.	.0	2992.0	4	22251134	0.	.0	2992.0	7	06001801	0.	.0	2992.0
2	1455	468	0.	.0	2992.0	4	22301135	0.	.0	2992.0	7	06051802	0.	.0	2992.0
2	1500	469	0.	.0	2992.0	4	22351136	0.	.0	2992.0	7	06101803	0.	.0	2992.0
2	1505	470	0.	.0	2992.0	4	22401137	0.	.0	2992.0	7	06151804	0.	.0	2992.0
2	1510	471	0.	.0	2992.0	4	22451138	0.	.0	2992.0	7	06201805	0.	.0	2992.0
2	1515	472	0.	.0	2992.0	4	22501139	0.	.0	2992.0	7	06251806	0.	.0	2992.0
2	1520	473	0.	.0	2992.0	4	22551140	0.	.0	2992.0	7	06301807	0.	.0	2992.0
2	1525	474	0.	.0	2992.0	4	23001141	0.	.0	2992.0	7	06351808	0.	.0	2992.0
2	1530	475	0.	.0	2992.0	4	23051142	0.	.0	2992.0	7	06401809	0.	.0	2992.0
2	1535	476	0.	.0	2992.0	4	23101143	0.	.0	2992.0	7	06451810	0.	.0	2992.0
2	1540	477	0.	.0	2992.0	4	23151144	0.	.0	2992.0	7	06501811	0.	.0	2992.0
2	1545	478	0.	.0	2992.0	4	23201145	0.	.0	2992.0	7	06551812	0.	.0	2992.0
2	1550	479	0.	.0	2992.0	4	23251146	0.	.0	2992.0	7	07001813	0.	.0	2992.0
2	1555	480	0.	.0	2992.0	4	23301147	0.	.0	2992.0	7	07051814	0.	.0	2992.0
2	1600	481	0.	.0	2992.0	4	23351148	0.	.0	2992.0	7	07101815	0.	.0	2992.0
2	1605	482	0.	.0	2992.0	4	23401149	0.	.0	2992.0	7	07151816	0.	.0	2992.0
2	1610	483	0.	.0	2992.0	4	23451150	0.	.0	2992.0	7	07201817	0.	.0	2992.0
2	1615	484	0.	.0	2992.0	4	23501151	0.	.0	2992.0	7	07251818	0.	.0	2992.0
2	1620	485	0.	.0	2992.0	4	23551152	0.	.0	2992.0	7	07301819	0.	.0	2992.0
2	1625	486	0.	.0	2992.0	5	00001153	0.	.0	2992.0	7	07351820	0.	.0	2992.0
2	1630	487	0.	.0	2992.0	5	00051154	0.	.0	2992.0	7	07401821	0.	.0	2992.0
2	1635	488	0.	.0	2992.0	5	00101155	0.	.0	2992.0	7	07451822	0.	.0	2992.0
2	1640	489	0.	.0	2992.0	5	00151156	0.	.0	2992.0	7	07501823	0.	.0	2992.0
2	1645	490	0.	.0	2992.0	5	00201157	0.	.0	2992.0	7	07551824	0.	.0	2992.0
2	1650	491	0.	.0	2992.0	5	00251158	0.	.0	2992.0	7	08001825	0.	.0	2992.0
2	1655	492	0.	.0	2992.0	5	00301159	0.	.0	2992.0	7	08051826	0.	.0	2992.0
2	1700	493	0.	.0	2992.0	5	00351160	0.	.0	2992.0	7	08101827	0.	.0	2992.0

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2	1705	494	0.	.0	2992.0	5	00401161	0.	.0	2992.0	7	08151828	0.	.0	2992.0
2	1710	495	0.	.0	2992.0	5	00451162	0.	.0	2992.0	7	08201829	0.	.0	2992.0
2	1715	496	0.	.0	2992.0	5	00501163	0.	.0	2992.0	7	08251830	0.	.0	2992.0
2	1720	497	0.	.0	2992.0	5	00551164	0.	.0	2992.0	7	08301831	0.	.0	2992.0
2	1725	498	0.	.0	2992.0	5	01001165	0.	.0	2992.0	7	08351832	0.	.0	2992.0
2	1730	499	0.	.0	2992.0	5	01051166	0.	.0	2992.0	7	08401833	0.	.0	2992.0
2	1735	500	0.	.0	2992.0	5	01101167	0.	.0	2992.0	7	08451834	0.	.0	2992.0
2	1740	501	0.	.0	2992.0	5	01151168	0.	.0	2992.0	7	08501835	0.	.0	2992.0
2	1745	502	0.	.0	2992.0	5	01201169	0.	.0	2992.0	7	08551836	0.	.0	2992.0
2	1750	503	0.	.0	2992.0	5	01251170	0.	.0	2992.0	7	09001837	0.	.0	2992.0
2	1755	504	0.	.0	2992.0	5	01301171	0.	.0	2992.0	7	09051838	0.	.0	2992.0
2	1800	505	0.	.0	2992.0	5	01351172	0.	.0	2992.0	7	09101839	0.	.0	2992.0
2	1805	506	0.	.0	2992.0	5	01401173	0.	.0	2992.0	7	09151840	0.	.0	2992.0
2	1810	507	0.	.0	2992.0	5	01451174	0.	.0	2992.0	7	09201841	0.	.0	2992.0
2	1815	508	0.	.0	2992.0	5	01501175	0.	.0	2992.0	7	09251842	0.	.0	2992.0
2	1820	509	0.	.0	2992.0	5	01551176	0.	.0	2992.0	7	09301843	0.	.0	2992.0
2	1825	510	0.	.0	2992.0	5	02001177	0.	.0	2992.0	7	09351844	0.	.0	2992.0
2	1830	511	0.	.0	2992.0	5	02051178	0.	.0	2992.0	7	09401845	0.	.0	2992.0
2	1835	512	0.	.0	2992.0	5	02101179	0.	.0	2992.0	7	09451846	0.	.0	2992.0
2	1840	513	0.	.0	2992.0	5	02151180	0.	.0	2992.0	7	09501847	0.	.0	2992.0
2	1845	514	0.	.0	2992.0	5	02201181	0.	.0	2992.0	7	09551848	0.	.0	2992.0
2	1850	515	0.	.0	2992.0	5	02251182	0.	.0	2992.0	7	10001849	0.	.0	2992.0
2	1855	516	0.	.0	2992.0	5	02301183	0.	.0	2992.0	7	10051850	0.	.0	2992.0
2	1900	517	0.	.0	2992.0	5	02351184	0.	.0	2992.0	7	10101851	0.	.0	2992.0
2	1905	518	0.	.0	2992.0	5	02401185	0.	.0	2992.0	7	10151852	0.	.0	2992.0
2	1910	519	0.	.0	2992.0	5	02451186	0.	.0	2992.0	7	10201853	0.	.0	2992.0
2	1915	520	0.	.0	2992.0	5	02501187	0.	.0	2992.0	7	10251854	0.	.0	2992.0
2	1920	521	0.	.0	2992.0	5	02551188	0.	.0	2992.0	7	10301855	0.	.0	2992.0
2	1925	522	0.	.0	2992.0	5	03001189	0.	.0	2992.0	7	10351856	0.	.0	2992.0
2	1930	523	0.	.0	2992.0	5	03051190	0.	.0	2992.0	7	10401857	0.	.0	2992.0
2	1935	524	0.	.0	2992.0	5	03101191	0.	.0	2992.0	7	10451858	0.	.0	2992.0
2	1940	525	0.	.0	2992.0	5	03151192	0.	.0	2992.0	7	10501859	0.	.0	2992.0
2	1945	526	0.	.0	2992.0	5	03201193	0.	.0	2992.0	7	10551860	0.	.0	2992.0
2	1950	527	0.	.0	2992.0	5	03251194	0.	.0	2992.0	7	11001861	0.	.0	2992.0
2	1955	528	0.	.0	2992.0	5	03301195	0.	.0	2992.0	7	11051862	0.	.0	2992.0
2	2000	529	0.	.0	2992.0	5	03351196	0.	.0	2992.0	7	11101863	0.	.0	2992.0
2	2005	530	0.	.0	2992.0	5	03401197	0.	.0	2992.0	7	11151864	0.	.0	2992.0
2	2010	531	0.	.0	2992.0	5	03451198	0.	.0	2992.0	7	11201865	0.	.0	2992.0
2	2015	532	0.	.0	2992.0	5	03501199	0.	.0	2992.0	7	11251866	0.	.0	2992.0
2	2020	533	0.	.0	2992.0	5	03551200	0.	.0	2992.0	7	11301867	0.	.0	2992.0
2	2025	534	0.	.0	2992.0	5	04001201	0.	.0	2992.0	7	11351868	0.	.0	2992.0
2	2030	535	0.	.0	2992.0	5	04051202	0.	.0	2992.0	7	11401869	0.	.0	2992.0
2	2035	536	0.	.0	2992.0	5	04101203	0.	.0	2992.0	7	11451870	0.	.0	2992.0
2	2040	537	0.	.0	2992.0	5	04151204	0.	.0	2992.0	7	11501871	0.	.0	2992.0
2	2045	538	0.	.0	2992.0	5	04201205	0.	.0	2992.0	7	11551872	0.	.0	2992.0
2	2050	539	0.	.0	2992.0	5	04251206	0.	.0	2992.0	7	12001873	0.	.0	2992.0
2	2055	540	0.	.0	2992.0	5	04301207	0.	.0	2992.0	7	12051874	0.	.0	2992.0
2	2100	541	0.	.0	2992.0	5	04351208	0.	.0	2992.0	7	12101875	0.	.0	2992.0
2	2105	542	0.	.0	2992.0	5	04401209	0.	.0	2992.0	7	12151876	0.	.0	2992.0
2	2110	543	0.	.0	2992.0	5	04451210	0.	.0	2992.0	7	12201877	0.	.0	2992.0
2	2115	544	0.	.0	2992.0	5	04501211	0.	.0	2992.0	7	12251878	0.	.0	2992.0
2	2120	545	0.	.0	2992.0	5	04551212	0.	.0	2992.0	7	12301879	0.	.0	2992.0
2	2125	546	0.	.0	2992.0	5	05001213	0.	.0	2992.0	7	12351880	0.	.0	2992.0
2	2130	547	0.	.0	2992.0	5	05051214	0.	.0	2992.0	7	12401881	0.	.0	2992.0
2	2135	548	0.	.0	2992.0	5	05101215	0.	.0	2992.0	7	12451882	0.	.0	2992.0
2	2140	549	0.	.0	2992.0	5	05151216	0.	.0	2992.0	7	12501883	0.	.0	2992.0
2	2145	550	0.	.0	2992.0	5	05201217	0.	.0	2992.0	7	12551884	0.	.0	2992.0
2	2150	551	0.	.0	2992.0	5	05251218	0.	.0	2992.0	7	13001885	0.	.0	2992.0
2	2155	552	0.	.0	2992.0	5	05301219	0.	.0	2992.0	7	13051886	0.	.0	2992.0
2	2200	553	0.	.0	2992.0	5	05351220	0.	.0	2992.0	7	13101887	0.	.0	2992.0
2	2205	554	0.	.0	2992.0	5	05401221	0.	.0	2992.0	7	13151888	0.	.0	2992.0
2	2210	555	0.	.0	2992.0	5	05451222	0.	.0	2992.0	7	13201889	0.	.0	2992.0
2	2215	556	0.	.0	2992.0	5	05501223	0.	.0	2992.0	7	13251890	0.	.0	2992.0
2	2220	557	0.	.0	2992.0	5	05551224	0.	.0	2992.0	7	13301891	0.	.0	2992.0
2	2225	558	0.	.0	2992.0	5	06001225	0.	.0	2992.0	7	13351892	0.	.0	2992.0
2	2230	559	0.	.0	2992.0	5	06051226	0.	.0	2992.0	7	13401893	0.	.0	2992.0
2	2235	560	0.	.0	2992.0	5	06101227	0.	.0	2992.0	7	13451894	0.	.0	2992.0
2	2240	561	0.	.0	2992.0	5	06151228	0.	.0	2992.0	7	13501895	0.	.0	2992.0
2	2245	562	0.	.0	2992.0	5	06201229	0.	.0	2992.0	7	13551896	0.	.0	2992.0
2	2250	563	0.	.0	2992.0	5	06251230	0.	.0	2992.0	7	14001897	0.	.0	2992.0
2	2255	564	0.	.0	2992.0	5	06301231	0.	.0	2992.0	7	14051898	0.	.0	2992.0
2	2300	565	0.	.0	2992.0	5	06351232	0.	.0	2992.0	7	14101899	0.	.0	2992.0
2	2305	566	0.	.0	2992.0	5	06401233	0.	.0	2992.0	7	14151900	0.	.0	2992.0
2	2310	567	0.	.0	2992.0	5	06451234	0.	.0	2992.0	7	14201901	0.	.0	2992.0
2	2315	568	0.	.0	2992.0	5	06501235	0.	.0	2992.0	7	14251902	0.	.0	2992.0
2	2320	569	0.	.0	2992.0	5	06551236	0.	.0	2992.0	7	14301903	0.	.0	2992.0
2	2325	570	0.	.0	2992.0	5	07001237	0.	.0	2992.0	7	14351904	0.	.0	2992.0
2	2330	571	0.	.0	2992.0	5	07051238	0.	.0	2992.0	7	14401905	0.	.0	2992.0
2	2335	572	0.	.0	2992.0	5	07101239	0.	.0	2992.0	7	14451906	0.	.0	2992.0
2	2340	573	0.	.0	2992.0	5	07151240	0.	.0	2992.0	7	14501907	0.	.0	2992.0
2	2345	574	0.	.0	2992.0	5	07201241	0.	.0	2992.0	7	14551908	0.	.0	2992.0
2	2350	575	0.	.0	2992.0	5	07251242	0.	.0	2992.0	7	15001909	0.	.0	2992.0
2	2355	576	0.	.0	2992.0	5	07301243	0.	.0	2992.0	7	15051910	0.	.0	2992.0
3	0000	577	0.	.0	2992.0	5	07351244	0.	.0	2992.0	7	15101911	0.	.0	2992.0
3	0005	578	0.	.0	2992.0	5	07401245	0.	.0	2992.0	7	15151912	0.	.0	2992.0
3	0010	579	0.	.0	2992.0	5	07451246	0.	.0	2992.0	7	15201913	0.	.0	2992.0
3	0015	580	0.	.0	2992.0	5	07501247	0.	.0	2992.0	7	15251914	0.	.0	2992.0
3	0020	581	0.	.0	2992.0	5	07551248	0.	.0	2992.0	7	15301915	0.	.0	2992.0
3	0025	582	0.	.0	2992.0	5	08001249	0.	.0	2992.0	7	15351916	0.	.0	2992.0

										ULT						
3	0030	583	0.	.0	2992.0	*	5	08051250	0.	.0	2992.0	*	7	15401917	0.	.0	2992.0
3	0035	584	0.	.0	2992.0	*	5	08101251	0.	.0	2992.0	*	7	15451918	0.	.0	2992.0
3	0040	585	0.	.0	2992.0	*	5	08151252	0.	.0	2992.0	*	7	15501919	0.	.0	2992.0
3	0045	586	0.	.0	2992.0	*	5	08201253	0.	.0	2992.0	*	7	15551920	0.	.0	2992.0
3	0050	587	0.	.0	2992.0	*	5	08251254	0.	.0	2992.0	*	7	16001921	0.	.0	2992.0
3	0055	588	0.	.0	2992.0	*	5	08301255	0.	.0	2992.0	*	7	16051922	0.	.0	2992.0
3	0100	589	0.	.0	2992.0	*	5	08351256	0.	.0	2992.0	*	7	16101923	0.	.0	2992.0
3	0105	590	0.	.0	2992.0	*	5	08401257	0.	.0	2992.0	*	7	16151924	0.	.0	2992.0
3	0110	591	0.	.0	2992.0	*	5	08451258	0.	.0	2992.0	*	7	16201925	0.	.0	2992.0
3	0115	592	0.	.0	2992.0	*	5	08501259	0.	.0	2992.0	*	7	16251926	0.	.0	2992.0
3	0120	593	0.	.0	2992.0	*	5	08551260	0.	.0	2992.0	*	7	16301927	0.	.0	2992.0
3	0125	594	0.	.0	2992.0	*	5	09001261	0.	.0	2992.0	*	7	16351928	0.	.0	2992.0
3	0130	595	0.	.0	2992.0	*	5	09051262	0.	.0	2992.0	*	7	16401929	0.	.0	2992.0
3	0135	596	0.	.0	2992.0	*	5	09101263	0.	.0	2992.0	*	7	16451930	0.	.0	2992.0
3	0140	597	0.	.0	2992.0	*	5	09151264	0.	.0	2992.0	*	7	16501931	0.	.0	2992.0
3	0145	598	0.	.0	2992.0	*	5	09201265	0.	.0	2992.0	*	7	16551932	0.	.0	2992.0
3	0150	599	0.	.0	2992.0	*	5	09251266	0.	.0	2992.0	*	7	17001933	0.	.0	2992.0
3	0155	600	0.	.0	2992.0	*	5	09301267	0.	.0	2992.0	*	7	17051934	0.	.0	2992.0
3	0200	601	0.	.0	2992.0	*	5	09351268	0.	.0	2992.0	*	7	17101935	0.	.0	2992.0
3	0205	602	0.	.0	2992.0	*	5	09401269	0.	.0	2992.0	*	7	17151936	0.	.0	2992.0
3	0210	603	0.	.0	2992.0	*	5	09451270	0.	.0	2992.0	*	7	17201937	0.	.0	2992.0
3	0215	604	0.	.0	2992.0	*	5	09501271	0.	.0	2992.0	*	7	17251938	0.	.0	2992.0
3	0220	605	0.	.0	2992.0	*	5	09551272	0.	.0	2992.0	*	7	17301939	0.	.0	2992.0
3	0225	606	0.	.0	2992.0	*	5	10001273	0.	.0	2992.0	*	7	17351940	0.	.0	2992.0
3	0230	607	0.	.0	2992.0	*	5	10051274	0.	.0	2992.0	*	7	17401941	0.	.0	2992.0
3	0235	608	0.	.0	2992.0	*	5	10101275	0.	.0	2992.0	*	7	17451942	0.	.0	2992.0
3	0240	609	0.	.0	2992.0	*	5	10151276	0.	.0	2992.0	*	7	17501943	0.	.0	2992.0
3	0245	610	0.	.0	2992.0	*	5	10201277	0.	.0	2992.0	*	7	17551944	0.	.0	2992.0
3	0250	611	0.	.0	2992.0	*	5	10251278	0.	.0	2992.0	*	7	18001945	0.	.0	2992.0
3	0255	612	0.	.0	2992.0	*	5	10301279	0.	.0	2992.0	*	7	18051946	0.	.0	2992.0
3	0300	613	0.	.0	2992.0	*	5	10351280	0.	.0	2992.0	*	7	18101947	0.	.0	2992.0
3	0305	614	0.	.0	2992.0	*	5	10401281	0.	.0	2992.0	*	7	18151948	0.	.0	2992.0
3	0310	615	0.	.0	2992.0	*	5	10451282	0.	.0	2992.0	*	7	18201949	0.	.0	2992.0
3	0315	616	0.	.0	2992.0	*	5	10501283	0.	.0	2992.0	*	7	18251950	0.	.0	2992.0
3	0320	617	0.	.0	2992.0	*	5	10551284	0.	.0	2992.0	*	7	18301951	0.	.0	2992.0
3	0325	618	0.	.0	2992.0	*	5	11001285	0.	.0	2992.0	*	7	18351952	0.	.0	2992.0
3	0330	619	0.	.0	2992.0	*	5	11051286	0.	.0	2992.0	*	7	18401953	0.	.0	2992.0
3	0335	620	0.	.0	2992.0	*	5	11101287	0.	.0	2992.0	*	7	18451954	0.	.0	2992.0
3	0340	621	0.	.0	2992.0	*	5	11151288	0.	.0	2992.0	*	7	18501955	0.	.0	2992.0
3	0345	622	0.	.0	2992.0	*	5	11201289	0.	.0	2992.0	*	7	18551956	0.	.0	2992.0
3	0350	623	0.	.0	2992.0	*	5	11251290	0.	.0	2992.0	*	7	19001957	0.	.0	2992.0
3	0355	624	0.	.0	2992.0	*	5	11301291	0.	.0	2992.0	*	7	19051958	0.	.0	2992.0
3	0400	625	0.	.0	2992.0	*	5	11351292	0.	.0	2992.0	*	7	19101959	0.	.0	2992.0
3	0405	626	0.	.0	2992.0	*	5	11401293	0.	.0	2992.0	*	7	19151960	0.	.0	2992.0
3	0410	627	0.	.0	2992.0	*	5	11451294	0.	.0	2992.0	*	7	19201961	0.	.0	2992.0
3	0415	628	0.	.0	2992.0	*	5	11501295	0.	.0	2992.0	*	7	19251962	0.	.0	2992.0
3	0420	629	0.	.0	2992.0	*	5	11551296	0.	.0	2992.0	*	7	19301963	0.	.0	2992.0
3	0425	630	0.	.0	2992.0	*	5	12001297	0.	.0	2992.0	*	7	19351964	0.	.0	2992.0
3	0430	631	0.	.0	2992.0	*	5	12051298	0.	.0	2992.0	*	7	19401965	0.	.0	2992.0
3	0435	632	0.	.0	2992.0	*	5	12101299	0.	.0	2992.0	*	7	19451966	0.	.0	2992.0
3	0440	633	0.	.0	2992.0	*	5	12151300	0.	.0	2992.0	*	7	19501967	0.	.0	2992.0
3	0445	634	0.	.0	2992.0	*	5	12201301	0.	.0	2992.0	*	7	19551968	0.	.0	2992.0
3	0450	635	0.	.0	2992.0	*	5	12251302	0.	.0	2992.0	*	7	20001969	0.	.0	2992.0
3	0455	636	0.	.0	2992.0	*	5	12301303	0.	.0	2992.0	*	7	20051970	0.	.0	2992.0
3	0500	637	0.	.0	2992.0	*	5	12351304	0.	.0	2992.0	*	7	20101971	0.	.0	2992.0
3	0505	638	0.	.0	2992.0	*	5	12401305	0.	.0	2992.0	*	7	20151972	0.	.0	2992.0
3	0510	639	0.	.0	2992.0	*	5	12451306	0.	.0	2992.0	*	7	20201973	0.	.0	2992.0
3	0515	640	0.	.0	2992.0	*	5	12501307	0.	.0	2992.0	*	7	20251974	0.	.0	2992.0
3	0520	641	0.	.0	2992.0	*	5	12551308	0.	.0	2992.0	*	7	20301975	0.	.0	2992.0
3	0525	642	0.	.0	2992.0	*	5	13001309	0.	.0	2992.0	*	7	20351976	0.	.0	2992.0
3	0530	643	0.	.0	2992.0	*	5	13051310	0.	.0	2992.0	*	7	20401977	0.	.0	2992.0
3	0535	644	0.	.0	2992.0	*	5	13101311	0.	.0	2992.0	*	7	20451978	0.	.0	2992.0
3	0540	645	0.	.0	2992.0	*	5	13151312	0.	.0	2992.0	*	7	20501979	0.	.0	2992.0
3	0545	646	0.	.0	2992.0	*	5	13201313	0.	.0	2992.0	*	7	20551980	0.	.0	2992.0
3	0550	647	0.	.0	2992.0	*	5	13251314	0.	.0	2992.0	*	7	21001981	0.	.0	2992.0
3	0555	648	0.	.0	2992.0	*	5	13301315	0.	.0	2992.0	*	7	21051982	0.	.0	2992.0
3	0600	649	0.	.0	2992.0	*	5	13351316	0.	.0	2992.0	*	7	21101983	0.	.0	2992.0
3	0605	650	0.	.0	2992.0	*	5	13401317	0.	.0	2992.0	*	7	21151984	0.	.0	2992.0
3	0610	651	0.	.0	2992.0	*	5	13451318	0.	.0	2992.0	*	7	21201985	0.	.0	2992.0
3	0615	652	0.	.0	2992.0	*	5	13501319	0.	.0	2992.0	*	7	21251986	0.	.0	2992.0
3	0620	653	0.	.0	2992.0	*	5	13551320	0.	.0	2992.0	*	7	21301987	0.	.0	2992.0
3	0625	654	0.	.0	2992.0	*	5	14001321	0.	.0	2992.0	*	7	21351988	0.	.0	2992.0
3	0630	655	0.	.0	2992.0	*	5	14051322	0.	.0	2992.0	*	7	21401989	0.	.0	2992.0
3	0635	656	0.	.0	2992.0	*	5	14101323	0.	.0	2992.0	*	7	21451990	0.	.0	2992.0
3	0640	657	0.	.0	2992.0	*	5	14151324	0.	.0	2992.0	*	7	21501991	0.	.0	2992.0
3	0645	658	0.	.0	2992.0	*	5	14201325	0.	.0	2992.0	*	7	21551992	0.	.0	2992.0
3	0650	659	0.	.0	2992.0	*	5	14251326	0.	.0	2992.0	*	7	22001993	0.	.0	2992.0
3	0655	660	0.	.0	2992.0	*	5	14301327	0.	.0	2992.0	*	7	22051994	0.	.0	2992.0
3	0700	661	0.	.0	2992.0	*	5	14351328	0.	.0	2992.0	*	7	22101995	0.	.0	2992.0
3	0705	662	0.	.0	2992.0	*	5	14401329	0.	.0	2992.0	*	7	22151996	0.	.0	2992.0
3	0710	663	0.	.0	2992.0	*	5	14451330	0.	.0	2992.0	*	7	22201997	0.	.0	2992.0
3	0715	664	0.	.0	2992.0	*	5	14501331	0.	.0	2992.0	*	7	22251998	0.	.0	2992.0
3	0720	665	0.	.0	2992.0	*	5	14551332	0.	.0	2992.0	*	7	22301999	0.	.0	2992.0
3	0725	666	0.	.0	2992.0	*	5	15001333	0.	.0	2992.0	*	7	22352000	0.	.0	2992.0
3	0730	667	0.	.0	2992.0	*	5	15051334	0.	.0	2992.0	*					

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PEAK FLOW TIME MAXIMUM AVERAGE FLOW

			6-HR	24-HR	72-HR	ULT 166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 70.	5.25		65.	26.	9.	4.
		(INCHES)	1.064	1.673	1.673	1.673
		(AC-FT)	32.	51.	51.	51.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
35.	5.25	26.	8.	3.	1.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
3002.46	5.25	3000.29	2994.52	2992.84	2992.36

CUMULATIVE AREA = .57 SQ MI

HYDROGRAPH AT STATION RDB2
PLAN 1, RATIO = .97

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	3		0735	668	0.	.0	2992.0	5		15101335		0.	.0	2992.0
1		0005	2	0.	.0	2992.0	3		0740	669	0.	.0	2992.0	5		15151336		0.	.0	2992.0
1		0010	3	0.	.0	2992.0	3		0745	670	0.	.0	2992.0	5		15201337		0.	.0	2992.0
1		0015	4	0.	.0	2992.0	3		0750	671	0.	.0	2992.0	5		15251338		0.	.0	2992.0
1		0020	5	0.	.0	2992.0	3		0755	672	0.	.0	2992.0	5		15301339		0.	.0	2992.0
1		0025	6	0.	.0	2992.0	3		0800	673	0.	.0	2992.0	5		15351340		0.	.0	2992.0
1		0030	7	1.	.0	2992.0	3		0805	674	0.	.0	2992.0	5		15401341		0.	.0	2992.0
1		0035	8	1.	.1	2992.0	3		0810	675	0.	.0	2992.0	5		15451342		0.	.0	2992.0
1		0040	9	2.	.1	2992.0	3		0815	676	0.	.0	2992.0	5		15501343		0.	.0	2992.0
1		0045	10	2.	.1	2992.0	3		0820	677	0.	.0	2992.0	5		15551344		0.	.0	2992.0
1		0050	11	2.	.1	2992.0	3		0825	678	0.	.0	2992.0	5		16001345		0.	.0	2992.0
1		0055	12	2.	.1	2992.0	3		0830	679	0.	.0	2992.0	5		16051346		0.	.0	2992.0
1		0100	13	2.	.1	2992.0	3		0835	680	0.	.0	2992.0	5		16101347		0.	.0	2992.0
1		0105	14	2.	.1	2992.0	3		0840	681	0.	.0	2992.0	5		16151348		0.	.0	2992.0
1		0110	15	2.	.1	2992.0	3		0845	682	0.	.0	2992.0	5		16201349		0.	.0	2992.0
1		0115	16	2.	.1	2992.0	3		0850	683	0.	.0	2992.0	5		16251350		0.	.0	2992.0
1		0120	17	2.	.1	2992.0	3		0855	684	0.	.0	2992.0	5		16301351		0.	.0	2992.0
1		0125	18	3.	.1	2992.1	3		0900	685	0.	.0	2992.0	5		16351352		0.	.0	2992.0
1		0130	19	3.	.2	2992.1	3		0905	686	0.	.0	2992.0	5		16401353		0.	.0	2992.0
1		0135	20	5.	.2	2992.1	3		0910	687	0.	.0	2992.0	5		16451354		0.	.0	2992.0
1		0140	21	6.	.3	2992.1	3		0915	688	0.	.0	2992.0	5		16501355		0.	.0	2992.0
1		0145	22	8.	.4	2992.2	3		0920	689	0.	.0	2992.0	5		16551356		0.	.0	2992.0
1		0150	23	10.	.5	2992.2	3		0925	690	0.	.0	2992.0	5		17001357		0.	.0	2992.0
1		0155	24	12.	.6	2992.3	3		0930	691	0.	.0	2992.0	5		17051358		0.	.0	2992.0
1		0200	25	13.	.7	2992.3	3		0935	692	0.	.0	2992.0	5		17101359		0.	.0	2992.0
1		0205	26	13.	.7	2992.3	3		0940	693	0.	.0	2992.0	5		17151360		0.	.0	2992.0
1		0210	27	13.	.7	2992.3	3		0945	694	0.	.0	2992.0	5		17201361		0.	.0	2992.0
1		0215	28	13.	.7	2992.3	3		0950	695	0.	.0	2992.0	5		17251362		0.	.0	2992.0
1		0220	29	14.	.8	2992.3	3		0955	696	0.	.0	2992.0	5		17301363		0.	.0	2992.0
1		0225	30	17.	.9	2992.4	3		1000	697	0.	.0	2992.0	5		17351364		0.	.0	2992.0
1		0230	31	19.	1.0	2992.4	3		1005	698	0.	.0	2992.0	5		17401365		0.	.0	2992.0
1		0235	32	22.	1.1	2992.5	3		1010	699	0.	.0	2992.0	5		17451366		0.	.0	2992.0
1		0240	33	23.	1.2	2992.5	3		1015	700	0.	.0	2992.0	5		17501367		0.	.0	2992.0
1		0245	34	25.	1.3	2992.6	3		1020	701	0.	.0	2992.0	5		17551368		0.	.0	2992.0
1		0250	35	27.	1.4	2992.6	3		1025	702	0.	.0	2992.0	5		18001369		0.	.0	2992.0
1		0255	36	28.	1.5	2992.6	3		1030	703	0.	.0	2992.0	5		18051370		0.	.0	2992.0
1		0300	37	29.	1.5	2992.7	3		1035	704	0.	.0	2992.0	5		18101371		0.	.0	2992.0
1		0305	38	30.	1.6	2992.7	3		1040	705	0.	.0	2992.0	5		18151372		0.	.0	2992.0
1		0310	39	33.	1.8	2992.8	3		1045	706	0.	.0	2992.0	5		18201373		0.	.0	2992.0
1		0315	40	41.	2.2	2992.9	3		1050	707	0.	.0	2992.0	5		18251374		0.	.0	2992.0
1		0320	41	45.	3.0	2993.2	3		1055	708	0.	.0	2992.0	5		18301375		0.	.0	2992.0
1		0325	42	47.	4.5	2993.8	3		1100	709	0.	.0	2992.0	5		18351376		0.	.0	2992.0
1		0330	43	50.	7.0	2994.8	3		1105	710	0.	.0	2992.0	5		18401377		0.	.0	2992.0
1		0335	44	53.	10.6	2995.9	3		1110	711	0.	.0	2992.0	5		18451378		0.	.0	2992.0
1		0340	45	57.	14.6	2997.1	3		1115	712	0.	.0	2992.0	5		18501379		0.	.0	2992.0
1		0345	46	60.	18.5	2998.3	3		1120	713	0.	.0	2992.0	5		18551380		0.	.0	2992.0
1		0350	47	63.	21.9	2999.3	3		1125	714	0.	.0	2992.0	5		19001381		0.	.0	2992.0
1		0355	48	65.	24.5	3000.0	3		1130	715	0.	.0	2992.0	5		19051382		0.	.0	2992.0
1		0400	49	66.	26.4	3000.5	3		1135	716	0.	.0	2992.0	5		19101383		0.	.0	2992.0
1		0405	50	66.	27.9	3000.8	3		1140	717	0.	.0	2992.0	5		19151384		0.	.0	2992.0
1		0410	51	67.	28.9	3001.0	3		1145	718	0.	.0	2992.0	5		19201385		0.	.0	2992.0
1		0415	52	67.	29.6	3001.2	3		1150	719	0.	.0	2992.0	5		19251386		0.	.0	2992.0
1		0420	53	67.	30.0	3001.3	3		1155	720	0.	.0	2992.0	5		19301387		0.	.0	2992.0
1		0425	54	68.	30.3	3001.4	3		1200	721	0.	.0	2992.0	5		19351388		0.	.0	2992.0
1		0430	55	68.	30.6	3001.4	3		1205	722	0.	.0	2992.0	5		19401389		0.	.0	2992.0
1		0435	56	68.	30.9	3001.5	3		1210	723	0.	.0	2992.0	5		19451390		0.	.0	2992.0
1		0440	57	68.	31.4	3001.6	3		1215	724	0.	.0	2992.0	5		19501391		0.	.0	2992.0
1		0445	58	68.	32.0	3001.7	3		1220	725	0.	.0	2992.0	5		19551392		0.	.0	2992.0
1		0450	59	69.	32.6	3001.9	3		1225	726	0.	.0	2992.0	5		20001393		0.	.0	2992.0
1		0455	60	69.	33.1	3002.0	3		1230	727	0.	.0	2992.0	5		20051394		0.	.0	2992.0

												ULT							
1	0500	61	69.	33.7	3002.1	*	3	1235	728	0.	.0	2992.0	*	5	20101395	0.	.0	2992.0	
1	0505	62	69.	34.1	3002.2	*	3	1240	729	0.	.0	2992.0	*	5	20151396	0.	.0	2992.0	
1	0510	63	70.	34.4	3002.3	*	3	1245	730	0.	.0	2992.0	*	5	20201397	0.	.0	2992.0	
1	0515	64	70.	34.5	3002.3	*	3	1250	731	0.	.0	2992.0	*	5	20251398	0.	.0	2992.0	
1	0520	65	70.	34.4	3002.3	*	3	1255	732	0.	.0	2992.0	*	5	20301399	0.	.0	2992.0	
1	0525	66	70.	34.3	3002.3	*	3	1300	733	0.	.0	2992.0	*	5	20351400	0.	.0	2992.0	
1	0530	67	69.	34.0	3002.2	*	3	1305	734	0.	.0	2992.0	*	5	20401401	0.	.0	2992.0	
1	0535	68	69.	33.8	3002.2	*	3	1310	735	0.	.0	2992.0	*	5	20451402	0.	.0	2992.0	
1	0540	69	69.	33.4	3002.1	*	3	1315	736	0.	.0	2992.0	*	5	20501403	0.	.0	2992.0	
1	0545	70	69.	33.1	3002.0	*	3	1320	737	0.	.0	2992.0	*	5	20551404	0.	.0	2992.0	
1	0550	71	69.	32.7	3001.9	*	3	1325	738	0.	.0	2992.0	*	5	21001405	0.	.0	2992.0	
1	0555	72	69.	32.4	3001.8	*	3	1330	739	0.	.0	2992.0	*	5	21051406	0.	.0	2992.0	
1	0600	73	68.	32.0	3001.8	*	3	1335	740	0.	.0	2992.0	*	5	21101407	0.	.0	2992.0	
1	0605	74	68.	31.6	3001.7	*	3	1340	741	0.	.0	2992.0	*	5	21151408	0.	.0	2992.0	
1	0610	75	68.	31.2	3001.6	*	3	1345	742	0.	.0	2992.0	*	5	21201409	0.	.0	2992.0	
1	0615	76	68.	30.8	3001.5	*	3	1350	743	0.	.0	2992.0	*	5	21251410	0.	.0	2992.0	
1	0620	77	68.	30.4	3001.4	*	3	1355	744	0.	.0	2992.0	*	5	21301411	0.	.0	2992.0	
1	0625	78	67.	29.9	3001.3	*	3	1400	745	0.	.0	2992.0	*	5	21351412	0.	.0	2992.0	
1	0630	79	67.	29.5	3001.2	*	3	1405	746	0.	.0	2992.0	*	5	21401413	0.	.0	2992.0	
1	0635	80	67.	29.0	3001.1	*	3	1410	747	0.	.0	2992.0	*	5	21451414	0.	.0	2992.0	
1	0640	81	67.	28.6	3001.0	*	3	1415	748	0.	.0	2992.0	*	5	21501415	0.	.0	2992.0	
1	0645	82	67.	28.1	3000.9	*	3	1420	749	0.	.0	2992.0	*	5	21551416	0.	.0	2992.0	
1	0650	83	66.	27.7	3000.8	*	3	1425	750	0.	.0	2992.0	*	5	22001417	0.	.0	2992.0	
1	0655	84	66.	27.2	3000.7	*	3	1430	751	0.	.0	2992.0	*	5	22051418	0.	.0	2992.0	
1	0700	85	66.	26.8	3000.6	*	3	1435	752	0.	.0	2992.0	*	5	22101419	0.	.0	2992.0	
1	0705	86	66.	26.3	3000.5	*	3	1440	753	0.	.0	2992.0	*	5	22151420	0.	.0	2992.0	
1	0710	87	65.	25.9	3000.4	*	3	1445	754	0.	.0	2992.0	*	5	22201421	0.	.0	2992.0	
1	0715	88	65.	25.4	3000.3	*	3	1450	755	0.	.0	2992.0	*	5	22251422	0.	.0	2992.0	
1	0720	89	65.	25.0	3000.2	*	3	1455	756	0.	.0	2992.0	*	5	22301423	0.	.0	2992.0	
1	0725	90	65.	24.5	3000.0	*	3	1500	757	0.	.0	2992.0	*	5	22351424	0.	.0	2992.0	
1	0730	91	65.	24.1	2999.9	*	3	1505	758	0.	.0	2992.0	*	5	22401425	0.	.0	2992.0	
1	0735	92	64.	23.6	2999.8	*	3	1510	759	0.	.0	2992.0	*	5	22451426	0.	.0	2992.0	
1	0740	93	64.	23.2	2999.7	*	3	1515	760	0.	.0	2992.0	*	5	22501427	0.	.0	2992.0	
1	0745	94	63.	22.7	2999.5	*	3	1520	761	0.	.0	2992.0	*	5	22551428	0.	.0	2992.0	
1	0750	95	63.	22.3	2999.4	*	3	1525	762	0.	.0	2992.0	*	5	23001429	0.	.0	2992.0	
1	0755	96	63.	21.9	2999.3	*	3	1530	763	0.	.0	2992.0	*	5	23051430	0.	.0	2992.0	
1	0800	97	62.	21.5	2999.1	*	3	1535	764	0.	.0	2992.0	*	5	23101431	0.	.0	2992.0	
1	0805	98	62.	21.0	2999.0	*	3	1540	765	0.	.0	2992.0	*	5	23151432	0.	.0	2992.0	
1	0810	99	62.	20.6	2998.9	*	3	1545	766	0.	.0	2992.0	*	5	23201433	0.	.0	2992.0	
1	0815	100	61.	20.2	2998.8	*	3	1550	767	0.	.0	2992.0	*	5	23251434	0.	.0	2992.0	
1	0820	101	61.	19.8	2998.6	*	3	1555	768	0.	.0	2992.0	*	5	23301435	0.	.0	2992.0	
1	0825	102	61.	19.3	2998.5	*	3	1600	769	0.	.0	2992.0	*	5	23351436	0.	.0	2992.0	
1	0830	103	60.	18.9	2998.4	*	3	1605	770	0.	.0	2992.0	*	5	23401437	0.	.0	2992.0	
1	0835	104	60.	18.5	2998.3	*	3	1610	771	0.	.0	2992.0	*	5	23451438	0.	.0	2992.0	
1	0840	105	60.	18.1	2998.1	*	3	1615	772	0.	.0	2992.0	*	5	23501439	0.	.0	2992.0	
1	0845	106	59.	17.7	2998.0	*	3	1620	773	0.	.0	2992.0	*	5	23551440	0.	.0	2992.0	
1	0850	107	59.	17.3	2997.9	*	3	1625	774	0.	.0	2992.0	*	6	00001441	0.	.0	2992.0	
1	0855	108	59.	16.9	2997.8	*	3	1630	775	0.	.0	2992.0	*	6	00051442	0.	.0	2992.0	
1	0900	109	58.	16.5	2997.7	*	3	1635	776	0.	.0	2992.0	*	6	00101443	0.	.0	2992.0	
1	0905	110	58.	16.1	2997.5	*	3	1640	777	0.	.0	2992.0	*	6	00151444	0.	.0	2992.0	
1	0910	111	58.	15.7	2997.4	*	3	1645	778	0.	.0	2992.0	*	6	00201445	0.	.0	2992.0	
1	0915	112	57.	15.3	2997.3	*	3	1650	779	0.	.0	2992.0	*	6	00251446	0.	.0	2992.0	
1	0920	113	57.	14.9	2997.2	*	3	1655	780	0.	.0	2992.0	*	6	00301447	0.	.0	2992.0	
1	0925	114	57.	14.5	2997.1	*	3	1700	781	0.	.0	2992.0	*	6	00351448	0.	.0	2992.0	
1	0930	115	56.	14.1	2996.9	*	3	1705	782	0.	.0	2992.0	*	6	00401449	0.	.0	2992.0	
1	0935	116	56.	13.7	2996.8	*	3	1710	783	0.	.0	2992.0	*	6	00451450	0.	.0	2992.0	
1	0940	117	56.	13.3	2996.7	*	3	1715	784	0.	.0	2992.0	*	6	00501451	0.	.0	2992.0	
1	0945	118	55.	12.9	2996.6	*	3	1720	785	0.	.0	2992.0	*	6	00551452	0.	.0	2992.0	
1	0950	119	55.	12.6	2996.5	*	3	1725	786	0.	.0	2992.0	*	6	01001453	0.	.0	2992.0	
1	0955	120	55.	12.2	2996.4	*	3	1730	787	0.	.0	2992.0	*	6	01051454	0.	.0	2992.0	
1	1000	121	54.	11.8	2996.3	*	3	1735	788	0.	.0	2992.0	*	6	01101455	0.	.0	2992.0	
1	1005	122	54.	11.4	2996.1	*	3	1740	789	0.	.0	2992.0	*	6	01151456	0.	.0	2992.0	
1	1010	123	54.	11.1	2996.0	*	3	1745	790	0.	.0	2992.0	*	6	01201457	0.	.0	2992.0	
1	1015	124	54.	10.7	2995.9	*	3	1750	791	0.	.0	2992.0	*	6	01251458	0.	.0	2992.0	
1	1020	125	53.	10.3	2995.8	*	3	1755	792	0.	.0	2992.0	*	6	01301459	0.	.0	2992.0	
1	1025	126	53.	10.0	2995.7	*	3	1800	793	0.	.0	2992.0	*	6	01351460	0.	.0	2992.0	
1	1030	127	53.	9.6	2995.6	*	3	1805	794	0.	.0	2992.0	*	6	01401461	0.	.0	2992.0	
1	1035	128	52.	9.2	2995.5	*	3	1810	795	0.	.0	2992.0	*	6	01451462	0.	.0	2992.0	
1	1040	129	52.	8.9	2995.4	*	3	1815	796	0.	.0	2992.0	*	6	01501463	0.	.0	2992.0	
1	1045	130	52.	8.5	2995.3	*	3	1820	797	0.	.0	2992.0	*	6	01551464	0.	.0	2992.0	
1	1050	131	52.	8.2	2995.2	*	3	1825	798	0.	.0	2992.0	*	6	02001465	0.	.0	2992.0	
1	1055	132	51.	7.8	2995.1	*	3	1830	799	0.	.0	2992.0	*	6	02051466	0.	.0	2992.0	
1	1100	133	51.	7.5	2994.9	*	3	1835	800	0.	.0	2992.0	*	6	02101467	0.	.0	2992.0	
1	1105	134	50.	7.1	2994.8	*	3	1840	801	0.	.0	2992.0	*	6	02151468	0.	.0	2992.0	
1	1110	135	50.	6.8	2994.7	*	3	1845	802	0.	.0	2992.0	*	6	02201469	0.	.0	2992.0	
1	1115	136	50.	6.4	2994.5	*	3	1850	803	0.	.0	2992.0	*	6	02251470	0.	.0	2992.0	
1	1120	137	49.	6.1	2994.4	*	3	1855	804	0.	.0	2992.0	*	6	02301471	0.	.0	2992.0	
1	1125	138	49.	5.7	2994.3	*	3	1900	805	0.	.0	2992.0	*	6	02351472	0.	.0	2992.0	
1	1130	139	48.	5.4	2994.2	*	3	1905	806	0.	.0	2992.0	*	6	02401473	0.	.0	2992.0	
1	1135	140	48.	5.1	2994.0	*	3	1910	807	0.	.0	2992.0	*	6	02451474	0.	.0	2992.0	
1	1140	141	47.	4.7	2993.9	*	3	1915	808	0.	.0	2992.0	*	6	02501475	0.	.0	2992.0	
1	1145	142	47.	4.4	2993.8	*	3	1920	809	0.	.0	2992.0	*	6	02551476	0.	.0	2992.0	
1	1150	143	47.	4.1	2993.7	*	3	1925	810	0.	.0	2992.0	*	6	03001477	0.	.0	2992.0	
1	1155	144	46.	3.8	2993.5	*	3	1930	811	0.	.0	2992.0	*	6	03051478	0.	.0	2992.0	
1	1200	145	46.	3.5	2993.4	*	3	1935	812	0.	.0	2992.0	*	6	03101479	0.	.0	2992.0	
1	1205	146	45.	3.1	2993.3	*	3	1940	813	0.	.0	2992.0	*	6	03151480	0.	.0	2992.0	
1	1210	147	45.	2.8	2993.2	*	3	1945	814	0.	.0	2992.0	*	6	03201481	0.	.0	2992.0	
1	1215	148	45.	2.5	2993.1	*	3	1950	815	0.	.0	2992.0	*	6	03251482	0.	.0	2992.0	
1	1220	149	42.	2.2	2993.0	*	3	1955	816	0.	.0	2992.0	*	6	03301483	0.	.0	2992.0	

												ULT							
1	1225	150	37.	2.0	2992.8	*	3	2000	817	0.	.0	2992.0	*	6	03351484	0.	.0	2992.0	
1	1230	151	33.	1.7	2992.7	*	3	2005	818	0.	.0	2992.0	*	6	03401485	0.	.0	2992.0	
1	1235	152	29.	1.5	2992.6	*	3	2010	819	0.	.0	2992.0	*	6	03451486	0.	.0	2992.0	
1	1240	153	25.	1.3	2992.6	*	3	2015	820	0.	.0	2992.0	*	6	03501487	0.	.0	2992.0	
1	1245	154	22.	1.2	2992.5	*	3	2020	821	0.	.0	2992.0	*	6	03551488	0.	.0	2992.0	
1	1250	155	19.	1.0	2992.4	*	3	2025	822	0.	.0	2992.0	*	6	04001489	0.	.0	2992.0	
1	1255	156	17.	.9	2992.4	*	3	2030	823	0.	.0	2992.0	*	6	04051490	0.	.0	2992.0	
1	1300	157	15.	.8	2992.3	*	3	2035	824	0.	.0	2992.0	*	6	04101491	0.	.0	2992.0	
1	1305	158	13.	.7	2992.3	*	3	2040	825	0.	.0	2992.0	*	6	04151492	0.	.0	2992.0	
1	1310	159	11.	.6	2992.3	*	3	2045	826	0.	.0	2992.0	*	6	04201493	0.	.0	2992.0	
1	1315	160	10.	.5	2992.2	*	3	2050	827	0.	.0	2992.0	*	6	04251494	0.	.0	2992.0	
1	1320	161	9.	.5	2992.2	*	3	2055	828	0.	.0	2992.0	*	6	04301495	0.	.0	2992.0	
1	1325	162	8.	.4	2992.2	*	3	2100	829	0.	.0	2992.0	*	6	04351496	0.	.0	2992.0	
1	1330	163	7.	.4	2992.2	*	3	2105	830	0.	.0	2992.0	*	6	04401497	0.	.0	2992.0	
1	1335	164	6.	.3	2992.1	*	3	2110	831	0.	.0	2992.0	*	6	04451498	0.	.0	2992.0	
1	1340	165	5.	.3	2992.1	*	3	2115	832	0.	.0	2992.0	*	6	04501499	0.	.0	2992.0	
1	1345	166	5.	.2	2992.1	*	3	2120	833	0.	.0	2992.0	*	6	04551500	0.	.0	2992.0	
1	1350	167	4.	.2	2992.1	*	3	2125	834	0.	.0	2992.0	*	6	05001501	0.	.0	2992.0	
1	1355	168	4.	.2	2992.1	*	3	2130	835	0.	.0	2992.0	*	6	05051502	0.	.0	2992.0	
1	1400	169	3.	.2	2992.1	*	3	2135	836	0.	.0	2992.0	*	6	05101503	0.	.0	2992.0	
1	1405	170	3.	.1	2992.1	*	3	2140	837	0.	.0	2992.0	*	6	05151504	0.	.0	2992.0	
1	1410	171	2.	.1	2992.1	*	3	2145	838	0.	.0	2992.0	*	6	05201505	0.	.0	2992.0	
1	1415	172	2.	.1	2992.0	*	3	2150	839	0.	.0	2992.0	*	6	05251506	0.	.0	2992.0	
1	1420	173	2.	.1	2992.0	*	3	2155	840	0.	.0	2992.0	*	6	05301507	0.	.0	2992.0	
1	1425	174	2.	.1	2992.0	*	3	2200	841	0.	.0	2992.0	*	6	05351508	0.	.0	2992.0	
1	1430	175	1.	.1	2992.0	*	3	2205	842	0.	.0	2992.0	*	6	05401509	0.	.0	2992.0	
1	1435	176	1.	.1	2992.0	*	3	2210	843	0.	.0	2992.0	*	6	05451510	0.	.0	2992.0	
1	1440	177	1.	.1	2992.0	*	3	2215	844	0.	.0	2992.0	*	6	05501511	0.	.0	2992.0	
1	1445	178	1.	.0	2992.0	*	3	2220	845	0.	.0	2992.0	*	6	05551512	0.	.0	2992.0	
1	1450	179	1.	.0	2992.0	*	3	2225	846	0.	.0	2992.0	*	6	06001513	0.	.0	2992.0	
1	1455	180	1.	.0	2992.0	*	3	2230	847	0.	.0	2992.0	*	6	06051514	0.	.0	2992.0	
1	1500	181	1.	.0	2992.0	*	3	2235	848	0.	.0	2992.0	*	6	06101515	0.	.0	2992.0	
1	1505	182	1.	.0	2992.0	*	3	2240	849	0.	.0	2992.0	*	6	06151516	0.	.0	2992.0	
1	1510	183	0.	.0	2992.0	*	3	2245	850	0.	.0	2992.0	*	6	06201517	0.	.0	2992.0	
1	1515	184	0.	.0	2992.0	*	3	2250	851	0.	.0	2992.0	*	6	06251518	0.	.0	2992.0	
1	1520	185	0.	.0	2992.0	*	3	2255	852	0.	.0	2992.0	*	6	06301519	0.	.0	2992.0	
1	1525	186	0.	.0	2992.0	*	3	2300	853	0.	.0	2992.0	*	6	06351520	0.	.0	2992.0	
1	1530	187	0.	.0	2992.0	*	3	2305	854	0.	.0	2992.0	*	6	06401521	0.	.0	2992.0	
1	1535	188	0.	.0	2992.0	*	3	2310	855	0.	.0	2992.0	*	6	06451522	0.	.0	2992.0	
1	1540	189	0.	.0	2992.0	*	3	2315	856	0.	.0	2992.0	*	6	06501523	0.	.0	2992.0	
1	1545	190	0.	.0	2992.0	*	3	2320	857	0.	.0	2992.0	*	6	06551524	0.	.0	2992.0	
1	1550	191	0.	.0	2992.0	*	3	2325	858	0.	.0	2992.0	*	6	07001525	0.	.0	2992.0	
1	1555	192	0.	.0	2992.0	*	3	2330	859	0.	.0	2992.0	*	6	07051526	0.	.0	2992.0	
1	1600	193	0.	.0	2992.0	*	3	2335	860	0.	.0	2992.0	*	6	07101527	0.	.0	2992.0	
1	1605	194	0.	.0	2992.0	*	3	2340	861	0.	.0	2992.0	*	6	07151528	0.	.0	2992.0	
1	1610	195	0.	.0	2992.0	*	3	2345	862	0.	.0	2992.0	*	6	07201529	0.	.0	2992.0	
1	1615	196	0.	.0	2992.0	*	3	2350	863	0.	.0	2992.0	*	6	07251530	0.	.0	2992.0	
1	1620	197	0.	.0	2992.0	*	3	2355	864	0.	.0	2992.0	*	6	07301531	0.	.0	2992.0	
1	1625	198	0.	.0	2992.0	*	4	0000	865	0.	.0	2992.0	*	6	07351532	0.	.0	2992.0	
1	1630	199	0.	.0	2992.0	*	4	0005	866	0.	.0	2992.0	*	6	07401533	0.	.0	2992.0	
1	1635	200	0.	.0	2992.0	*	4	0010	867	0.	.0	2992.0	*	6	07451534	0.	.0	2992.0	
1	1640	201	0.	.0	2992.0	*	4	0015	868	0.	.0	2992.0	*	6	07501535	0.	.0	2992.0	
1	1645	202	0.	.0	2992.0	*	4	0020	869	0.	.0	2992.0	*	6	07551536	0.	.0	2992.0	
1	1650	203	0.	.0	2992.0	*	4	0025	870	0.	.0	2992.0	*	6	08001537	0.	.0	2992.0	
1	1655	204	0.	.0	2992.0	*	4	0030	871	0.	.0	2992.0	*	6	08051538	0.	.0	2992.0	
1	1700	205	0.	.0	2992.0	*	4	0035	872	0.	.0	2992.0	*	6	08101539	0.	.0	2992.0	
1	1705	206	0.	.0	2992.0	*	4	0040	873	0.	.0	2992.0	*	6	08151540	0.	.0	2992.0	
1	1710	207	0.	.0	2992.0	*	4	0045	874	0.	.0	2992.0	*	6	08201541	0.	.0	2992.0	
1	1715	208	0.	.0	2992.0	*	4	0050	875	0.	.0	2992.0	*	6	08251542	0.	.0	2992.0	
1	1720	209	0.	.0	2992.0	*	4	0055	876	0.	.0	2992.0	*	6	08301543	0.	.0	2992.0	
1	1725	210	0.	.0	2992.0	*	4	0100	877	0.	.0	2992.0	*	6	08351544	0.	.0	2992.0	
1	1730	211	0.	.0	2992.0	*	4	0105	878	0.	.0	2992.0	*	6	08401545	0.	.0	2992.0	
1	1735	212	0.	.0	2992.0	*	4	0110	879	0.	.0	2992.0	*	6	08451546	0.	.0	2992.0	
1	1740	213	0.	.0	2992.0	*	4	0115	880	0.	.0	2992.0	*	6	08501547	0.	.0	2992.0	
1	1745	214	0.	.0	2992.0	*	4	0120	881	0.	.0	2992.0	*	6	08551548	0.	.0	2992.0	
1	1750	215	0.	.0	2992.0	*	4	0125	882	0.	.0	2992.0	*	6	09001549	0.	.0	2992.0	
1	1755	216	0.	.0	2992.0	*	4	0130	883	0.	.0	2992.0	*	6	09051550	0.	.0	2992.0	
1	1800	217	0.	.0	2992.0	*	4	0135	884	0.	.0	2992.0	*	6	09101551	0.	.0	2992.0	
1	1805	218	0.	.0	2992.0	*	4	0140	885	0.	.0	2992.0	*	6	09151552	0.	.0	2992.0	
1	1810	219	0.	.0	2992.0	*	4	0145	886	0.	.0	2992.0	*	6	09201553	0.	.0	2992.0	
1	1815	220	0.	.0	2992.0	*	4	0150	887	0.	.0	2992.0	*	6	09251554	0.	.0	2992.0	
1	1820	221	0.	.0	2992.0	*	4	0155	888	0.	.0	2992.0	*	6	09301555	0.	.0	2992.0	
1	1825	222	0.	.0	2992.0	*	4	0200	889	0.	.0	2992.0	*	6	09351556	0.	.0	2992.0	
1	1830	223	0.	.0	2992.0	*	4	0205	890	0.	.0	2992.0	*	6	09401557	0.	.0	2992.0	
1	1835	224	0.	.0	2992.0	*	4	0210	891	0.	.0	2992.0	*	6	09451558	0.	.0	2992.0	
1	1840	225	0.	.0	2992.0	*	4	0215	892	0.	.0	2992.0	*	6	09501559	0.	.0	2992.0	
1	1845	226	0.	.0	2992.0	*	4	0220	893	0.	.0	2992.0	*	6	09551560	0.	.0	2992.0	
1	1850	227	0.	.0	2992.0	*	4	0225	894	0.	.0	2992.0	*	6	10001561	0.	.0	2992.0	
1	1855	228	0.	.0	2992.0	*	4	0230	895	0.	.0	2992.0	*	6	10051562	0.	.0	2992.0	
1	1900	229	0.	.0	2992.0	*	4	0235	896	0.	.0	2992.0	*	6	10101563	0.	.0	2992.0	
1	1905	230	0.	.0	2992.0	*	4	0240	897	0.	.0	2992.0	*	6	10151564	0.	.0	2992.0	
1	1910	231	0.	.0	2992.0	*	4	0245	898	0.	.0	2992.0	*	6	10201565	0.	.0	2992.0	
1	1915	232	0.	.0	2992.0	*	4	0250	899	0.	.0	2992.0	*	6	10251566	0.	.0	2992.0	
1	1920	233	0.	.0	2992.0	*	4	0255	900	0.	.0	2992.0	*	6	10301567	0.	.0	2992.0	
1	1925	234	0.	.0	2992.0	*	4	0300	901	0.	.0	2992.0	*	6	10351568	0.	.0	2992.0	
1	1930	235	0.	.0	2992.0	*	4	0305	902	0.	.0	2992.0	*	6	10401569	0.	.0	2992.0	
1	1935	236	0.	.0	2992.0	*	4	0310	903	0.	.0	2992.0	*	6	10451570	0.	.0	2992.0	
1	1940	237	0.	.0	2992.0	*	4	0315	904	0.	.0	2992.0	*	6	10501571	0.	.0	2992.0	
1	1945	238	0.	.0	2992.0	*	4	0320	905	0.	.0	2992.0	*	6	10551572	0.	.0	2992.0	

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1	1950	239	0.	.0	2992.0	* 4	0325	906	0.	.0	2992.0	* 6	11001573	0.	.0	2992.0
1	1955	240	0.	.0	2992.0	* 4	0330	907	0.	.0	2992.0	* 6	11051574	0.	.0	2992.0
1	2000	241	0.	.0	2992.0	* 4	0335	908	0.	.0	2992.0	* 6	11101575	0.	.0	2992.0
1	2005	242	0.	.0	2992.0	* 4	0340	909	0.	.0	2992.0	* 6	11151576	0.	.0	2992.0
1	2010	243	0.	.0	2992.0	* 4	0345	910	0.	.0	2992.0	* 6	11201577	0.	.0	2992.0
1	2015	244	0.	.0	2992.0	* 4	0350	911	0.	.0	2992.0	* 6	11251578	0.	.0	2992.0
1	2020	245	0.	.0	2992.0	* 4	0355	912	0.	.0	2992.0	* 6	11301579	0.	.0	2992.0
1	2025	246	0.	.0	2992.0	* 4	0400	913	0.	.0	2992.0	* 6	11351580	0.	.0	2992.0
1	2030	247	0.	.0	2992.0	* 4	0405	914	0.	.0	2992.0	* 6	11401581	0.	.0	2992.0
1	2035	248	0.	.0	2992.0	* 4	0410	915	0.	.0	2992.0	* 6	11451582	0.	.0	2992.0
1	2040	249	0.	.0	2992.0	* 4	0415	916	0.	.0	2992.0	* 6	11501583	0.	.0	2992.0
1	2045	250	0.	.0	2992.0	* 4	0420	917	0.	.0	2992.0	* 6	11551584	0.	.0	2992.0
1	2050	251	0.	.0	2992.0	* 4	0425	918	0.	.0	2992.0	* 6	12001585	0.	.0	2992.0
1	2055	252	0.	.0	2992.0	* 4	0430	919	0.	.0	2992.0	* 6	12051586	0.	.0	2992.0
1	2100	253	0.	.0	2992.0	* 4	0435	920	0.	.0	2992.0	* 6	12101587	0.	.0	2992.0
1	2105	254	0.	.0	2992.0	* 4	0440	921	0.	.0	2992.0	* 6	12151588	0.	.0	2992.0
1	2110	255	0.	.0	2992.0	* 4	0445	922	0.	.0	2992.0	* 6	12201589	0.	.0	2992.0
1	2115	256	0.	.0	2992.0	* 4	0450	923	0.	.0	2992.0	* 6	12251590	0.	.0	2992.0
1	2120	257	0.	.0	2992.0	* 4	0455	924	0.	.0	2992.0	* 6	12301591	0.	.0	2992.0
1	2125	258	0.	.0	2992.0	* 4	0500	925	0.	.0	2992.0	* 6	12351592	0.	.0	2992.0
1	2130	259	0.	.0	2992.0	* 4	0505	926	0.	.0	2992.0	* 6	12401593	0.	.0	2992.0
1	2135	260	0.	.0	2992.0	* 4	0510	927	0.	.0	2992.0	* 6	12451594	0.	.0	2992.0
1	2140	261	0.	.0	2992.0	* 4	0515	928	0.	.0	2992.0	* 6	12501595	0.	.0	2992.0
1	2145	262	0.	.0	2992.0	* 4	0520	929	0.	.0	2992.0	* 6	12551596	0.	.0	2992.0
1	2150	263	0.	.0	2992.0	* 4	0525	930	0.	.0	2992.0	* 6	13001597	0.	.0	2992.0
1	2155	264	0.	.0	2992.0	* 4	0530	931	0.	.0	2992.0	* 6	13051598	0.	.0	2992.0
1	2200	265	0.	.0	2992.0	* 4	0535	932	0.	.0	2992.0	* 6	13101599	0.	.0	2992.0
1	2205	266	0.	.0	2992.0	* 4	0540	933	0.	.0	2992.0	* 6	13151600	0.	.0	2992.0
1	2210	267	0.	.0	2992.0	* 4	0545	934	0.	.0	2992.0	* 6	13201601	0.	.0	2992.0
1	2215	268	0.	.0	2992.0	* 4	0550	935	0.	.0	2992.0	* 6	13251602	0.	.0	2992.0
1	2220	269	0.	.0	2992.0	* 4	0555	936	0.	.0	2992.0	* 6	13301603	0.	.0	2992.0
1	2225	270	0.	.0	2992.0	* 4	0600	937	0.	.0	2992.0	* 6	13351604	0.	.0	2992.0
1	2230	271	0.	.0	2992.0	* 4	0605	938	0.	.0	2992.0	* 6	13401605	0.	.0	2992.0
1	2235	272	0.	.0	2992.0	* 4	0610	939	0.	.0	2992.0	* 6	13451606	0.	.0	2992.0
1	2240	273	0.	.0	2992.0	* 4	0615	940	0.	.0	2992.0	* 6	13501607	0.	.0	2992.0
1	2245	274	0.	.0	2992.0	* 4	0620	941	0.	.0	2992.0	* 6	13551608	0.	.0	2992.0
1	2250	275	0.	.0	2992.0	* 4	0625	942	0.	.0	2992.0	* 6	14001609	0.	.0	2992.0
1	2255	276	0.	.0	2992.0	* 4	0630	943	0.	.0	2992.0	* 6	14051610	0.	.0	2992.0
1	2300	277	0.	.0	2992.0	* 4	0635	944	0.	.0	2992.0	* 6	14101611	0.	.0	2992.0
1	2305	278	0.	.0	2992.0	* 4	0640	945	0.	.0	2992.0	* 6	14151612	0.	.0	2992.0
1	2310	279	0.	.0	2992.0	* 4	0645	946	0.	.0	2992.0	* 6	14201613	0.	.0	2992.0
1	2315	280	0.	.0	2992.0	* 4	0650	947	0.	.0	2992.0	* 6	14251614	0.	.0	2992.0
1	2320	281	0.	.0	2992.0	* 4	0655	948	0.	.0	2992.0	* 6	14301615	0.	.0	2992.0
1	2325	282	0.	.0	2992.0	* 4	0700	949	0.	.0	2992.0	* 6	14351616	0.	.0	2992.0
1	2330	283	0.	.0	2992.0	* 4	0705	950	0.	.0	2992.0	* 6	14401617	0.	.0	2992.0
1	2335	284	0.	.0	2992.0	* 4	0710	951	0.	.0	2992.0	* 6	14451618	0.	.0	2992.0
1	2340	285	0.	.0	2992.0	* 4	0715	952	0.	.0	2992.0	* 6	14501619	0.	.0	2992.0
1	2345	286	0.	.0	2992.0	* 4	0720	953	0.	.0	2992.0	* 6	14551620	0.	.0	2992.0
1	2350	287	0.	.0	2992.0	* 4	0725	954	0.	.0	2992.0	* 6	15001621	0.	.0	2992.0
1	2355	288	0.	.0	2992.0	* 4	0730	955	0.	.0	2992.0	* 6	15051622	0.	.0	2992.0
2	0000	289	0.	.0	2992.0	* 4	0735	956	0.	.0	2992.0	* 6	15101623	0.	.0	2992.0
2	0005	290	0.	.0	2992.0	* 4	0740	957	0.	.0	2992.0	* 6	15151624	0.	.0	2992.0
2	0010	291	0.	.0	2992.0	* 4	0745	958	0.	.0	2992.0	* 6	15201625	0.	.0	2992.0
2	0015	292	0.	.0	2992.0	* 4	0750	959	0.	.0	2992.0	* 6	15251626	0.	.0	2992.0
2	0020	293	0.	.0	2992.0	* 4	0755	960	0.	.0	2992.0	* 6	15301627	0.	.0	2992.0
2	0025	294	0.	.0	2992.0	* 4	0800	961	0.	.0	2992.0	* 6	15351628	0.	.0	2992.0
2	0030	295	0.	.0	2992.0	* 4	0805	962	0.	.0	2992.0	* 6	15401629	0.	.0	2992.0
2	0035	296	0.	.0	2992.0	* 4	0810	963	0.	.0	2992.0	* 6	15451630	0.	.0	2992.0
2	0040	297	0.	.0	2992.0	* 4	0815	964	0.	.0	2992.0	* 6	15501631	0.	.0	2992.0
2	0045	298	0.	.0	2992.0	* 4	0820	965	0.	.0	2992.0	* 6	15551632	0.	.0	2992.0
2	0050	299	0.	.0	2992.0	* 4	0825	966	0.	.0	2992.0	* 6	16001633	0.	.0	2992.0
2	0055	300	0.	.0	2992.0	* 4	0830	967	0.	.0	2992.0	* 6	16051634	0.	.0	2992.0
2	0100	301	0.	.0	2992.0	* 4	0835	968	0.	.0	2992.0	* 6	16101635	0.	.0	2992.0
2	0105	302	0.	.0	2992.0	* 4	0840	969	0.	.0	2992.0	* 6	16151636	0.	.0	2992.0
2	0110	303	0.	.0	2992.0	* 4	0845	970	0.	.0	2992.0	* 6	16201637	0.	.0	2992.0
2	0115	304	0.	.0	2992.0	* 4	0850	971	0.	.0	2992.0	* 6	16251638	0.	.0	2992.0
2	0120	305	0.	.0	2992.0	* 4	0855	972	0.	.0	2992.0	* 6	16301639	0.	.0	2992.0
2	0125	306	0.	.0	2992.0	* 4	0900	973	0.	.0	2992.0	* 6	16351640	0.	.0	2992.0
2	0130	307	0.	.0	2992.0	* 4	0905	974	0.	.0	2992.0	* 6	16401641	0.	.0	2992.0
2	0135	308	0.	.0	2992.0	* 4	0910	975	0.	.0	2992.0	* 6	16451642	0.	.0	2992.0
2	0140	309	0.	.0	2992.0	* 4	0915	976	0.	.0	2992.0	* 6	16501643	0.	.0	2992.0
2	0145	310	0.	.0	2992.0	* 4	0920	977	0.	.0	2992.0	* 6	16551644	0.	.0	2992.0
2	0150	311	0.	.0	2992.0	* 4	0925	978	0.	.0	2992.0	* 6	17001645	0.	.0	2992.0
2	0155	312	0.	.0	2992.0	* 4	0930	979	0.	.0	2992.0	* 6	17051646	0.	.0	2992.0
2	0200	313	0.	.0	2992.0	* 4	0935	980	0.	.0	2992.0	* 6	17101647	0.	.0	2992.0
2	0205	314	0.	.0	2992.0	* 4	0940	981	0.	.0	2992.0	* 6	17151648	0.	.0	2992.0
2	0210	315	0.	.0	2992.0	* 4	0945	982	0.	.0	2992.0	* 6	17201649	0.	.0	2992.0
2	0215	316	0.	.0	2992.0	* 4	0950	983	0.	.0	2992.0	* 6	17251650	0.	.0	2992.0
2	0220	317	0.	.0	2992.0	* 4	0955	984	0.	.0	2992.0	* 6	17301651	0.	.0	2992.0
2	0225	318	0.	.0	2992.0	* 4	1000	985	0.	.0	2992.0	* 6	17351652	0.	.0	2992.0
2	0230	319	0.	.0	2992.0	* 4	1005	986	0.	.0	2992.0	* 6	17401653	0.	.0	2992.0
2	0235	320	0.	.0	2992.0	* 4	1010	987	0.	.0	2992.0	* 6	17451654	0.	.0	2992.0
2	0240	321	0.	.0	2992.0	* 4	1015	988	0.	.0	2992.0	* 6	17501655	0.	.0	2992.0
2	0245	322	0.	.0	2992.0	* 4	1020	989	0.	.0	2992.0	* 6	17551656	0.	.0	2992.0
2	0250	323	0.	.0	2992.0	* 4	1025	990	0.	.0	2992.0	* 6	18001657	0.	.0	2992.0
2	0255	324	0.	.0	2992.0	* 4	1030	991	0.	.0	2992.0	* 6	18051658	0.	.0	2992.0
2	0300	325	0.	.0	2992.0	* 4	1035	992	0.	.0	2992.0	* 6	18101659	0.	.0	2992.0
2	0305	326	0.	.0	2992.0	* 4	1040	993	0.	.0	2992.0	* 6	18151660	0.	.0	2992.0
2	0310	327	0.	.0	2992.0	* 4	1045	994	0.	.0	2992.0	* 6	18201661	0.	.0	2992.0

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2	0315	328	0.	.0	2992.0	* 4	1050	995	0.	.0	2992.0	* 6	18251662	0.	.0 2992.0
2	0320	329	0.	.0	2992.0	* 4	1055	996	0.	.0	2992.0	* 6	18301663	0.	.0 2992.0
2	0325	330	0.	.0	2992.0	* 4	1100	997	0.	.0	2992.0	* 6	18351664	0.	.0 2992.0
2	0330	331	0.	.0	2992.0	* 4	1105	998	0.	.0	2992.0	* 6	18401665	0.	.0 2992.0
2	0335	332	0.	.0	2992.0	* 4	1110	999	0.	.0	2992.0	* 6	18451666	0.	.0 2992.0
2	0340	333	0.	.0	2992.0	* 4	11151000		0.	.0	2992.0	* 6	18501667	0.	.0 2992.0
2	0345	334	0.	.0	2992.0	* 4	11201001		0.	.0	2992.0	* 6	18551668	0.	.0 2992.0
2	0350	335	0.	.0	2992.0	* 4	11251002		0.	.0	2992.0	* 6	19001669	0.	.0 2992.0
2	0355	336	0.	.0	2992.0	* 4	11301003		0.	.0	2992.0	* 6	19051670	0.	.0 2992.0
2	0400	337	0.	.0	2992.0	* 4	11351004		0.	.0	2992.0	* 6	19101671	0.	.0 2992.0
2	0405	338	0.	.0	2992.0	* 4	11401005		0.	.0	2992.0	* 6	19151672	0.	.0 2992.0
2	0410	339	0.	.0	2992.0	* 4	11451006		0.	.0	2992.0	* 6	19201673	0.	.0 2992.0
2	0415	340	0.	.0	2992.0	* 4	11501007		0.	.0	2992.0	* 6	19251674	0.	.0 2992.0
2	0420	341	0.	.0	2992.0	* 4	11551008		0.	.0	2992.0	* 6	19301675	0.	.0 2992.0
2	0425	342	0.	.0	2992.0	* 4	12001009		0.	.0	2992.0	* 6	19351676	0.	.0 2992.0
2	0430	343	0.	.0	2992.0	* 4	12051010		0.	.0	2992.0	* 6	19401677	0.	.0 2992.0
2	0435	344	0.	.0	2992.0	* 4	12101011		0.	.0	2992.0	* 6	19451678	0.	.0 2992.0
2	0440	345	0.	.0	2992.0	* 4	12151012		0.	.0	2992.0	* 6	19501679	0.	.0 2992.0
2	0445	346	0.	.0	2992.0	* 4	12201013		0.	.0	2992.0	* 6	19551680	0.	.0 2992.0
2	0450	347	0.	.0	2992.0	* 4	12251014		0.	.0	2992.0	* 6	20001681	0.	.0 2992.0
2	0455	348	0.	.0	2992.0	* 4	12301015		0.	.0	2992.0	* 6	20051682	0.	.0 2992.0
2	0500	349	0.	.0	2992.0	* 4	12351016		0.	.0	2992.0	* 6	20101683	0.	.0 2992.0
2	0505	350	0.	.0	2992.0	* 4	12401017		0.	.0	2992.0	* 6	20151684	0.	.0 2992.0
2	0510	351	0.	.0	2992.0	* 4	12451018		0.	.0	2992.0	* 6	20201685	0.	.0 2992.0
2	0515	352	0.	.0	2992.0	* 4	12501019		0.	.0	2992.0	* 6	20251686	0.	.0 2992.0
2	0520	353	0.	.0	2992.0	* 4	12551020		0.	.0	2992.0	* 6	20301687	0.	.0 2992.0
2	0525	354	0.	.0	2992.0	* 4	13001021		0.	.0	2992.0	* 6	20351688	0.	.0 2992.0
2	0530	355	0.	.0	2992.0	* 4	13051022		0.	.0	2992.0	* 6	20401689	0.	.0 2992.0
2	0535	356	0.	.0	2992.0	* 4	13101023		0.	.0	2992.0	* 6	20451690	0.	.0 2992.0
2	0540	357	0.	.0	2992.0	* 4	13151024		0.	.0	2992.0	* 6	20501691	0.	.0 2992.0
2	0545	358	0.	.0	2992.0	* 4	13201025		0.	.0	2992.0	* 6	20551692	0.	.0 2992.0
2	0550	359	0.	.0	2992.0	* 4	13251026		0.	.0	2992.0	* 6	21001693	0.	.0 2992.0
2	0555	360	0.	.0	2992.0	* 4	13301027		0.	.0	2992.0	* 6	21051694	0.	.0 2992.0
2	0600	361	0.	.0	2992.0	* 4	13351028		0.	.0	2992.0	* 6	21101695	0.	.0 2992.0
2	0605	362	0.	.0	2992.0	* 4	13401029		0.	.0	2992.0	* 6	21151696	0.	.0 2992.0
2	0610	363	0.	.0	2992.0	* 4	13451030		0.	.0	2992.0	* 6	21201697	0.	.0 2992.0
2	0615	364	0.	.0	2992.0	* 4	13501031		0.	.0	2992.0	* 6	21251698	0.	.0 2992.0
2	0620	365	0.	.0	2992.0	* 4	13551032		0.	.0	2992.0	* 6	21301699	0.	.0 2992.0
2	0625	366	0.	.0	2992.0	* 4	14001033		0.	.0	2992.0	* 6	21351700	0.	.0 2992.0
2	0630	367	0.	.0	2992.0	* 4	14051034		0.	.0	2992.0	* 6	21401701	0.	.0 2992.0
2	0635	368	0.	.0	2992.0	* 4	14101035		0.	.0	2992.0	* 6	21451702	0.	.0 2992.0
2	0640	369	0.	.0	2992.0	* 4	14151036		0.	.0	2992.0	* 6	21501703	0.	.0 2992.0
2	0645	370	0.	.0	2992.0	* 4	14201037		0.	.0	2992.0	* 6	21551704	0.	.0 2992.0
2	0650	371	0.	.0	2992.0	* 4	14251038		0.	.0	2992.0	* 6	22001705	0.	.0 2992.0
2	0655	372	0.	.0	2992.0	* 4	14301039		0.	.0	2992.0	* 6	22051706	0.	.0 2992.0
2	0700	373	0.	.0	2992.0	* 4	14351040		0.	.0	2992.0	* 6	22101707	0.	.0 2992.0
2	0705	374	0.	.0	2992.0	* 4	14401041		0.	.0	2992.0	* 6	22151708	0.	.0 2992.0
2	0710	375	0.	.0	2992.0	* 4	14451042		0.	.0	2992.0	* 6	22201709	0.	.0 2992.0
2	0715	376	0.	.0	2992.0	* 4	14501043		0.	.0	2992.0	* 6	22251710	0.	.0 2992.0
2	0720	377	0.	.0	2992.0	* 4	14551044		0.	.0	2992.0	* 6	22301711	0.	.0 2992.0
2	0725	378	0.	.0	2992.0	* 4	15001045		0.	.0	2992.0	* 6	22351712	0.	.0 2992.0
2	0730	379	0.	.0	2992.0	* 4	15051046		0.	.0	2992.0	* 6	22401713	0.	.0 2992.0
2	0735	380	0.	.0	2992.0	* 4	15101047		0.	.0	2992.0	* 6	22451714	0.	.0 2992.0
2	0740	381	0.	.0	2992.0	* 4	15151048		0.	.0	2992.0	* 6	22501715	0.	.0 2992.0
2	0745	382	0.	.0	2992.0	* 4	15201049		0.	.0	2992.0	* 6	22551716	0.	.0 2992.0
2	0750	383	0.	.0	2992.0	* 4	15251050		0.	.0	2992.0	* 6	23001717	0.	.0 2992.0
2	0755	384	0.	.0	2992.0	* 4	15301051		0.	.0	2992.0	* 6	23051718	0.	.0 2992.0
2	0800	385	0.	.0	2992.0	* 4	15351052		0.	.0	2992.0	* 6	23101719	0.	.0 2992.0
2	0805	386	0.	.0	2992.0	* 4	15401053		0.	.0	2992.0	* 6	23151720	0.	.0 2992.0
2	0810	387	0.	.0	2992.0	* 4	15451054		0.	.0	2992.0	* 6	23201721	0.	.0 2992.0
2	0815	388	0.	.0	2992.0	* 4	15501055		0.	.0	2992.0	* 6	23251722	0.	.0 2992.0
2	0820	389	0.	.0	2992.0	* 4	15551056		0.	.0	2992.0	* 6	23301723	0.	.0 2992.0
2	0825	390	0.	.0	2992.0	* 4	16001057		0.	.0	2992.0	* 6	23351724	0.	.0 2992.0
2	0830	391	0.	.0	2992.0	* 4	16051058		0.	.0	2992.0	* 6	23401725	0.	.0 2992.0
2	0835	392	0.	.0	2992.0	* 4	16101059		0.	.0	2992.0	* 6	23451726	0.	.0 2992.0
2	0840	393	0.	.0	2992.0	* 4	16151060		0.	.0	2992.0	* 6	23501727	0.	.0 2992.0
2	0845	394	0.	.0	2992.0	* 4	16201061		0.	.0	2992.0	* 6	23551728	0.	.0 2992.0
2	0850	395	0.	.0	2992.0	* 4	16251062		0.	.0	2992.0	* 7	00001729	0.	.0 2992.0
2	0855	396	0.	.0	2992.0	* 4	16301063		0.	.0	2992.0	* 7	00051730	0.	.0 2992.0
2	0900	397	0.	.0	2992.0	* 4	16351064		0.	.0	2992.0	* 7	00101731	0.	.0 2992.0
2	0905	398	0.	.0	2992.0	* 4	16401065		0.	.0	2992.0	* 7	00151732	0.	.0 2992.0
2	0910	399	0.	.0	2992.0	* 4	16451066		0.	.0	2992.0	* 7	00201733	0.	.0 2992.0
2	0915	400	0.	.0	2992.0	* 4	16501067		0.	.0	2992.0	* 7	00251734	0.	.0 2992.0
2	0920	401	0.	.0	2992.0	* 4	16551068		0.	.0	2992.0	* 7	00301735	0.	.0 2992.0
2	0925	402	0.	.0	2992.0	* 4	17001069		0.	.0	2992.0	* 7	00351736	0.	.0 2992.0
2	0930	403	0.	.0	2992.0	* 4	17051070		0.	.0	2992.0	* 7	00401737	0.	.0 2992.0
2	0935	404	0.	.0	2992.0	* 4	17101071		0.	.0	2992.0	* 7	00451738	0.	.0 2992.0
2	0940	405	0.	.0	2992.0	* 4	17151072		0.	.0	2992.0	* 7	00501739	0.	.0 2992.0
2	0945	406	0.	.0	2992.0	* 4	17201073		0.	.0	2992.0	* 7	00551740	0.	.0 2992.0
2	0950	407	0.	.0	2992.0	* 4	17251074		0.	.0	2992.0	* 7	01001741	0.	.0 2992.0
2	0955	408	0.	.0	2992.0	* 4	17301075		0.	.0	2992.0	* 7	01051742	0.	.0 2992.0
2	1000	409	0.	.0	2992.0	* 4	17351076		0.	.0	2992.0	* 7	01101743	0.	.0 2992.0
2	1005	410	0.	.0	2992.0	* 4	17401077		0.	.0	2992.0	* 7	01151744	0.	.0 2992.0
2	1010	411	0.	.0	2992.0	* 4	17451078		0.	.0	2992.0	* 7	01201745	0.	.0 2992.0
2	1015	412	0.	.0	2992.0	* 4	17501079		0.	.0	2992.0	* 7	01251746	0.	.0 2992.0
2	1020	413	0.	.0	2992.0	* 4	17551080		0.	.0	2992.0	* 7	01301747	0.	.0 2992.0
2	1025	414	0.	.0	2992.0	* 4	18001081		0.	.0	2992.0	* 7	01351748	0.	.0 2992.0
2	1030	415	0.	.0	2992.0	* 4	18051082		0.	.0	2992.0	* 7	01401749	0.	.0 2992.0
2	1035	416	0.	.0	2992.0	* 4	18101083		0.	.0	2992.0	* 7	01451750	0.	.0 2992.0

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2	1040	417	0.	.0	2992.0	4	18151084	0.	.0	2992.0	7	01501751	0.	.0	2992.0
2	1045	418	0.	.0	2992.0	4	18201085	0.	.0	2992.0	7	01551752	0.	.0	2992.0
2	1050	419	0.	.0	2992.0	4	18251086	0.	.0	2992.0	7	02001753	0.	.0	2992.0
2	1055	420	0.	.0	2992.0	4	18301087	0.	.0	2992.0	7	02051754	0.	.0	2992.0
2	1100	421	0.	.0	2992.0	4	18351088	0.	.0	2992.0	7	02101755	0.	.0	2992.0
2	1105	422	0.	.0	2992.0	4	18401089	0.	.0	2992.0	7	02151756	0.	.0	2992.0
2	1110	423	0.	.0	2992.0	4	18451090	0.	.0	2992.0	7	02201757	0.	.0	2992.0
2	1115	424	0.	.0	2992.0	4	18501091	0.	.0	2992.0	7	02251758	0.	.0	2992.0
2	1120	425	0.	.0	2992.0	4	18551092	0.	.0	2992.0	7	02301759	0.	.0	2992.0
2	1125	426	0.	.0	2992.0	4	19001093	0.	.0	2992.0	7	02351760	0.	.0	2992.0
2	1130	427	0.	.0	2992.0	4	19051094	0.	.0	2992.0	7	02401761	0.	.0	2992.0
2	1135	428	0.	.0	2992.0	4	19101095	0.	.0	2992.0	7	02451762	0.	.0	2992.0
2	1140	429	0.	.0	2992.0	4	19151096	0.	.0	2992.0	7	02501763	0.	.0	2992.0
2	1145	430	0.	.0	2992.0	4	19201097	0.	.0	2992.0	7	02551764	0.	.0	2992.0
2	1150	431	0.	.0	2992.0	4	19251098	0.	.0	2992.0	7	03001765	0.	.0	2992.0
2	1155	432	0.	.0	2992.0	4	19301099	0.	.0	2992.0	7	03051766	0.	.0	2992.0
2	1200	433	0.	.0	2992.0	4	19351100	0.	.0	2992.0	7	03101767	0.	.0	2992.0
2	1205	434	0.	.0	2992.0	4	19401101	0.	.0	2992.0	7	03151768	0.	.0	2992.0
2	1210	435	0.	.0	2992.0	4	19451102	0.	.0	2992.0	7	03201769	0.	.0	2992.0
2	1215	436	0.	.0	2992.0	4	19501103	0.	.0	2992.0	7	03251770	0.	.0	2992.0
2	1220	437	0.	.0	2992.0	4	19551104	0.	.0	2992.0	7	03301771	0.	.0	2992.0
2	1225	438	0.	.0	2992.0	4	20001105	0.	.0	2992.0	7	03351772	0.	.0	2992.0
2	1230	439	0.	.0	2992.0	4	20051106	0.	.0	2992.0	7	03401773	0.	.0	2992.0
2	1235	440	0.	.0	2992.0	4	20101107	0.	.0	2992.0	7	03451774	0.	.0	2992.0
2	1240	441	0.	.0	2992.0	4	20151108	0.	.0	2992.0	7	03501775	0.	.0	2992.0
2	1245	442	0.	.0	2992.0	4	20201109	0.	.0	2992.0	7	03551776	0.	.0	2992.0
2	1250	443	0.	.0	2992.0	4	20251110	0.	.0	2992.0	7	04001777	0.	.0	2992.0
2	1255	444	0.	.0	2992.0	4	20301111	0.	.0	2992.0	7	04051778	0.	.0	2992.0
2	1300	445	0.	.0	2992.0	4	20351112	0.	.0	2992.0	7	04101779	0.	.0	2992.0
2	1305	446	0.	.0	2992.0	4	20401113	0.	.0	2992.0	7	04151780	0.	.0	2992.0
2	1310	447	0.	.0	2992.0	4	20451114	0.	.0	2992.0	7	04201781	0.	.0	2992.0
2	1315	448	0.	.0	2992.0	4	20501115	0.	.0	2992.0	7	04251782	0.	.0	2992.0
2	1320	449	0.	.0	2992.0	4	20551116	0.	.0	2992.0	7	04301783	0.	.0	2992.0
2	1325	450	0.	.0	2992.0	4	21001117	0.	.0	2992.0	7	04351784	0.	.0	2992.0
2	1330	451	0.	.0	2992.0	4	21051118	0.	.0	2992.0	7	04401785	0.	.0	2992.0
2	1335	452	0.	.0	2992.0	4	21101119	0.	.0	2992.0	7	04451786	0.	.0	2992.0
2	1340	453	0.	.0	2992.0	4	21151120	0.	.0	2992.0	7	04501787	0.	.0	2992.0
2	1345	454	0.	.0	2992.0	4	21201121	0.	.0	2992.0	7	04551788	0.	.0	2992.0
2	1350	455	0.	.0	2992.0	4	21251122	0.	.0	2992.0	7	05001789	0.	.0	2992.0
2	1355	456	0.	.0	2992.0	4	21301123	0.	.0	2992.0	7	05051790	0.	.0	2992.0
2	1400	457	0.	.0	2992.0	4	21351124	0.	.0	2992.0	7	05101791	0.	.0	2992.0
2	1405	458	0.	.0	2992.0	4	21401125	0.	.0	2992.0	7	05151792	0.	.0	2992.0
2	1410	459	0.	.0	2992.0	4	21451126	0.	.0	2992.0	7	05201793	0.	.0	2992.0
2	1415	460	0.	.0	2992.0	4	21501127	0.	.0	2992.0	7	05251794	0.	.0	2992.0
2	1420	461	0.	.0	2992.0	4	21551128	0.	.0	2992.0	7	05301795	0.	.0	2992.0
2	1425	462	0.	.0	2992.0	4	22001129	0.	.0	2992.0	7	05351796	0.	.0	2992.0
2	1430	463	0.	.0	2992.0	4	22051130	0.	.0	2992.0	7	05401797	0.	.0	2992.0
2	1435	464	0.	.0	2992.0	4	22101131	0.	.0	2992.0	7	05451798	0.	.0	2992.0
2	1440	465	0.	.0	2992.0	4	22151132	0.	.0	2992.0	7	05501799	0.	.0	2992.0
2	1445	466	0.	.0	2992.0	4	22201133	0.	.0	2992.0	7	05551800	0.	.0	2992.0
2	1450	467	0.	.0	2992.0	4	22251134	0.	.0	2992.0	7	06001801	0.	.0	2992.0
2	1455	468	0.	.0	2992.0	4	22301135	0.	.0	2992.0	7	06051802	0.	.0	2992.0
2	1500	469	0.	.0	2992.0	4	22351136	0.	.0	2992.0	7	06101803	0.	.0	2992.0
2	1505	470	0.	.0	2992.0	4	22401137	0.	.0	2992.0	7	06151804	0.	.0	2992.0
2	1510	471	0.	.0	2992.0	4	22451138	0.	.0	2992.0	7	06201805	0.	.0	2992.0
2	1515	472	0.	.0	2992.0	4	22501139	0.	.0	2992.0	7	06251806	0.	.0	2992.0
2	1520	473	0.	.0	2992.0	4	22551140	0.	.0	2992.0	7	06301807	0.	.0	2992.0
2	1525	474	0.	.0	2992.0	4	23001141	0.	.0	2992.0	7	06351808	0.	.0	2992.0
2	1530	475	0.	.0	2992.0	4	23051142	0.	.0	2992.0	7	06401809	0.	.0	2992.0
2	1535	476	0.	.0	2992.0	4	23101143	0.	.0	2992.0	7	06451810	0.	.0	2992.0
2	1540	477	0.	.0	2992.0	4	23151144	0.	.0	2992.0	7	06501811	0.	.0	2992.0
2	1545	478	0.	.0	2992.0	4	23201145	0.	.0	2992.0	7	06551812	0.	.0	2992.0
2	1550	479	0.	.0	2992.0	4	23251146	0.	.0	2992.0	7	07001813	0.	.0	2992.0
2	1555	480	0.	.0	2992.0	4	23301147	0.	.0	2992.0	7	07051814	0.	.0	2992.0
2	1600	481	0.	.0	2992.0	4	23351148	0.	.0	2992.0	7	07101815	0.	.0	2992.0
2	1605	482	0.	.0	2992.0	4	23401149	0.	.0	2992.0	7	07151816	0.	.0	2992.0
2	1610	483	0.	.0	2992.0	4	23451150	0.	.0	2992.0	7	07201817	0.	.0	2992.0
2	1615	484	0.	.0	2992.0	4	23501151	0.	.0	2992.0	7	07251818	0.	.0	2992.0
2	1620	485	0.	.0	2992.0	4	23551152	0.	.0	2992.0	7	07301819	0.	.0	2992.0
2	1625	486	0.	.0	2992.0	5	00001153	0.	.0	2992.0	7	07351820	0.	.0	2992.0
2	1630	487	0.	.0	2992.0	5	00051154	0.	.0	2992.0	7	07401821	0.	.0	2992.0
2	1635	488	0.	.0	2992.0	5	00101155	0.	.0	2992.0	7	07451822	0.	.0	2992.0
2	1640	489	0.	.0	2992.0	5	00151156	0.	.0	2992.0	7	07501823	0.	.0	2992.0
2	1645	490	0.	.0	2992.0	5	00201157	0.	.0	2992.0	7	07551824	0.	.0	2992.0
2	1650	491	0.	.0	2992.0	5	00251158	0.	.0	2992.0	7	08001825	0.	.0	2992.0
2	1655	492	0.	.0	2992.0	5	00301159	0.	.0	2992.0	7	08051826	0.	.0	2992.0
2	1700	493	0.	.0	2992.0	5	00351160	0.	.0	2992.0	7	08101827	0.	.0	2992.0
2	1705	494	0.	.0	2992.0	5	00401161	0.	.0	2992.0	7	08151828	0.	.0	2992.0
2	1710	495	0.	.0	2992.0	5	00451162	0.	.0	2992.0	7	08201829	0.	.0	2992.0
2	1715	496	0.	.0	2992.0	5	00501163	0.	.0	2992.0	7	08251830	0.	.0	2992.0
2	1720	497	0.	.0	2992.0	5	00551164	0.	.0	2992.0	7	08301831	0.	.0	2992.0
2	1725	498	0.	.0	2992.0	5	01001165	0.	.0	2992.0	7	08351832	0.	.0	2992.0
2	1730	499	0.	.0	2992.0	5	01051166	0.	.0	2992.0	7	08401833	0.	.0	2992.0
2	1735	500	0.	.0	2992.0	5	01101167	0.	.0	2992.0	7	08451834	0.	.0	2992.0
2	1740	501	0.	.0	2992.0	5	01151168	0.	.0	2992.0	7	08501835	0.	.0	2992.0
2	1745	502	0.	.0	2992.0	5	01201169	0.	.0	2992.0	7	08551836	0.	.0	2992.0
2	1750	503	0.	.0	2992.0	5	01251170	0.	.0	2992.0	7	09001837	0.	.0	2992.0
2	1755	504	0.	.0	2992.0	5	01301171	0.	.0	2992.0	7	09051838	0.	.0	2992.0
2	1800	505	0.	.0	2992.0	5	01351172	0.	.0	2992.0	7	09101839	0.	.0	2992.0

											ULT								
2	1805	506	0.	.0	2992.0	*	5	01401173	0.	.0	2992.0	*	7	09151840	0.	.0	2992.0		
2	1810	507	0.	.0	2992.0	*	5	01451174	0.	.0	2992.0	*	7	09201841	0.	.0	2992.0		
2	1815	508	0.	.0	2992.0	*	5	01501175	0.	.0	2992.0	*	7	09251842	0.	.0	2992.0		
2	1820	509	0.	.0	2992.0	*	5	01551176	0.	.0	2992.0	*	7	09301843	0.	.0	2992.0		
2	1825	510	0.	.0	2992.0	*	5	02001177	0.	.0	2992.0	*	7	09351844	0.	.0	2992.0		
2	1830	511	0.	.0	2992.0	*	5	02051178	0.	.0	2992.0	*	7	09401845	0.	.0	2992.0		
2	1835	512	0.	.0	2992.0	*	5	02101179	0.	.0	2992.0	*	7	09451846	0.	.0	2992.0		
2	1840	513	0.	.0	2992.0	*	5	02151180	0.	.0	2992.0	*	7	09501847	0.	.0	2992.0		
2	1845	514	0.	.0	2992.0	*	5	02201181	0.	.0	2992.0	*	7	09551848	0.	.0	2992.0		
2	1850	515	0.	.0	2992.0	*	5	02251182	0.	.0	2992.0	*	7	10001849	0.	.0	2992.0		
2	1855	516	0.	.0	2992.0	*	5	02301183	0.	.0	2992.0	*	7	10051850	0.	.0	2992.0		
2	1900	517	0.	.0	2992.0	*	5	02351184	0.	.0	2992.0	*	7	10101851	0.	.0	2992.0		
2	1905	518	0.	.0	2992.0	*	5	02401185	0.	.0	2992.0	*	7	10151852	0.	.0	2992.0		
2	1910	519	0.	.0	2992.0	*	5	02451186	0.	.0	2992.0	*	7	10201853	0.	.0	2992.0		
2	1915	520	0.	.0	2992.0	*	5	02501187	0.	.0	2992.0	*	7	10251854	0.	.0	2992.0		
2	1920	521	0.	.0	2992.0	*	5	02551188	0.	.0	2992.0	*	7	10301855	0.	.0	2992.0		
2	1925	522	0.	.0	2992.0	*	5	03001189	0.	.0	2992.0	*	7	10351856	0.	.0	2992.0		
2	1930	523	0.	.0	2992.0	*	5	03051190	0.	.0	2992.0	*	7	10401857	0.	.0	2992.0		
2	1935	524	0.	.0	2992.0	*	5	03101191	0.	.0	2992.0	*	7	10451858	0.	.0	2992.0		
2	1940	525	0.	.0	2992.0	*	5	03151192	0.	.0	2992.0	*	7	10501859	0.	.0	2992.0		
2	1945	526	0.	.0	2992.0	*	5	03201193	0.	.0	2992.0	*	7	10551860	0.	.0	2992.0		
2	1950	527	0.	.0	2992.0	*	5	03251194	0.	.0	2992.0	*	7	11001861	0.	.0	2992.0		
2	1955	528	0.	.0	2992.0	*	5	03301195	0.	.0	2992.0	*	7	11051862	0.	.0	2992.0		
2	2000	529	0.	.0	2992.0	*	5	03351196	0.	.0	2992.0	*	7	11101863	0.	.0	2992.0		
2	2005	530	0.	.0	2992.0	*	5	03401197	0.	.0	2992.0	*	7	11151864	0.	.0	2992.0		
2	2010	531	0.	.0	2992.0	*	5	03451198	0.	.0	2992.0	*	7	11201865	0.	.0	2992.0		
2	2015	532	0.	.0	2992.0	*	5	03501199	0.	.0	2992.0	*	7	11251866	0.	.0	2992.0		
2	2020	533	0.	.0	2992.0	*	5	03551200	0.	.0	2992.0	*	7	11301867	0.	.0	2992.0		
2	2025	534	0.	.0	2992.0	*	5	04001201	0.	.0	2992.0	*	7	11351868	0.	.0	2992.0		
2	2030	535	0.	.0	2992.0	*	5	04051202	0.	.0	2992.0	*	7	11401869	0.	.0	2992.0		
2	2035	536	0.	.0	2992.0	*	5	04101203	0.	.0	2992.0	*	7	11451870	0.	.0	2992.0		
2	2040	537	0.	.0	2992.0	*	5	04151204	0.	.0	2992.0	*	7	11501871	0.	.0	2992.0		
2	2045	538	0.	.0	2992.0	*	5	04201205	0.	.0	2992.0	*	7	11551872	0.	.0	2992.0		
2	2050	539	0.	.0	2992.0	*	5	04251206	0.	.0	2992.0	*	7	12001873	0.	.0	2992.0		
2	2055	540	0.	.0	2992.0	*	5	04301207	0.	.0	2992.0	*	7	12051874	0.	.0	2992.0		
2	2100	541	0.	.0	2992.0	*	5	04351208	0.	.0	2992.0	*	7	12101875	0.	.0	2992.0		
2	2105	542	0.	.0	2992.0	*	5	04401209	0.	.0	2992.0	*	7	12151876	0.	.0	2992.0		
2	2110	543	0.	.0	2992.0	*	5	04451210	0.	.0	2992.0	*	7	12201877	0.	.0	2992.0		
2	2115	544	0.	.0	2992.0	*	5	04501211	0.	.0	2992.0	*	7	12251878	0.	.0	2992.0		
2	2120	545	0.	.0	2992.0	*	5	04551212	0.	.0	2992.0	*	7	12301879	0.	.0	2992.0		
2	2125	546	0.	.0	2992.0	*	5	05001213	0.	.0	2992.0	*	7	12351880	0.	.0	2992.0		
2	2130	547	0.	.0	2992.0	*	5	05051214	0.	.0	2992.0	*	7	12401881	0.	.0	2992.0		
2	2135	548	0.	.0	2992.0	*	5	05101215	0.	.0	2992.0	*	7	12451882	0.	.0	2992.0		
2	2140	549	0.	.0	2992.0	*	5	05151216	0.	.0	2992.0	*	7	12501883	0.	.0	2992.0		
2	2145	550	0.	.0	2992.0	*	5	05201217	0.	.0	2992.0	*	7	12551884	0.	.0	2992.0		
2	2150	551	0.	.0	2992.0	*	5	05251218	0.	.0	2992.0	*	7	13001885	0.	.0	2992.0		
2	2155	552	0.	.0	2992.0	*	5	05301219	0.	.0	2992.0	*	7	13051886	0.	.0	2992.0		
2	2200	553	0.	.0	2992.0	*	5	05351220	0.	.0	2992.0	*	7	13101887	0.	.0	2992.0		
2	2205	554	0.	.0	2992.0	*	5	05401221	0.	.0	2992.0	*	7	13151888	0.	.0	2992.0		
2	2210	555	0.	.0	2992.0	*	5	05451222	0.	.0	2992.0	*	7	13201889	0.	.0	2992.0		
2	2215	556	0.	.0	2992.0	*	5	05501223	0.	.0	2992.0	*	7	13251890	0.	.0	2992.0		
2	2220	557	0.	.0	2992.0	*	5	05551224	0.	.0	2992.0	*	7	13301891	0.	.0	2992.0		
2	2225	558	0.	.0	2992.0	*	5	06001225	0.	.0	2992.0	*	7	13351892	0.	.0	2992.0		
2	2230	559	0.	.0	2992.0	*	5	06051226	0.	.0	2992.0	*	7	13401893	0.	.0	2992.0		
2	2235	560	0.	.0	2992.0	*	5	06101227	0.	.0	2992.0	*	7	13451894	0.	.0	2992.0		
2	2240	561	0.	.0	2992.0	*	5	06151228	0.	.0	2992.0	*	7	13501895	0.	.0	2992.0		
2	2245	562	0.	.0	2992.0	*	5	06201229	0.	.0	2992.0	*	7	13551896	0.	.0	2992.0		
2	2250	563	0.	.0	2992.0	*	5	06251230	0.	.0	2992.0	*	7	14001897	0.	.0	2992.0		
2	2255	564	0.	.0	2992.0	*	5	06301231	0.	.0	2992.0	*	7	14051898	0.	.0	2992.0		
2	2300	565	0.	.0	2992.0	*	5	06351232	0.	.0	2992.0	*	7	14101899	0.	.0	2992.0		
2	2305	566	0.	.0	2992.0	*	5	06401233	0.	.0	2992.0	*	7	14151900	0.	.0	2992.0		
2	2310	567	0.	.0	2992.0	*	5	06451234	0.	.0	2992.0	*	7	14201901	0.	.0	2992.0		
2	2315	568	0.	.0	2992.0	*	5	06501235	0.	.0	2992.0	*	7	14251902	0.	.0	2992.0		
2	2320	569	0.	.0	2992.0	*	5	06551236	0.	.0	2992.0	*	7	14301903	0.	.0	2992.0		
2	2325	570	0.	.0	2992.0	*	5	07001237	0.	.0	2992.0	*	7	14351904	0.	.0	2992.0		
2	2330	571	0.	.0	2992.0	*	5	07051238	0.	.0	2992.0	*	7	14401905	0.	.0	2992.0		
2	2335	572	0.	.0	2992.0	*	5	07101239	0.	.0	2992.0	*	7	14451906	0.	.0	2992.0		
2	2340	573	0.	.0	2992.0	*	5	07151240	0.	.0	2992.0	*	7	14501907	0.	.0	2992.0		
2	2345	574	0.	.0	2992.0	*	5	07201241	0.	.0	2992.0	*	7	14551908	0.	.0	2992.0		
2	2350	575	0.	.0	2992.0	*	5	07251242	0.	.0	2992.0	*	7	15001909	0.	.0	2992.0		
2	2355	576	0.	.0	2992.0	*	5	07301243	0.	.0	2992.0	*	7	15051910	0.	.0	2992.0		
3	0000	577	0.	.0	2992.0	*	5	07351244	0.	.0	2992.0	*	7	15101911	0.	.0	2992.0		
3	0005	578	0.	.0	2992.0	*	5	07401245	0.	.0	2992.0	*	7	15151912	0.	.0	2992.0		
3	0010	579	0.	.0	2992.0	*	5	07451246	0.	.0	2992.0	*	7	15201913	0.	.0	2992.0		
3	0015	580	0.	.0	2992.0	*	5	07501247	0.	.0	2992.0	*	7	15251914	0.	.0	2992.0		
3	0020	581	0.	.0	2992.0	*	5	07551248	0.	.0	2992.0	*	7	15301915	0.	.0	2992.0		
3	0025	582	0.	.0	2992.0	*	5	08001249	0.	.0	2992.0	*	7	15351916	0.	.0	2992.0		
3	0030	583	0.	.0	2992.0	*	5	08051250	0.	.0	2992.0	*	7	15401917	0.	.0	2992.0		
3	0035	584	0.	.0	2992.0	*	5	08101251	0.	.0	2992.0	*	7	15451918	0.	.0	2992.0		
3	0040	585	0.	.0	2992.0	*	5	08151252	0.	.0	2992.0	*	7	15501919	0.	.0	2992.0		
3	0045	586	0.	.0	2992.0	*	5	08201253	0.	.0	2992.0	*	7	15551920	0.	.0	2992.0		
3	0050	587	0.	.0	2992.0	*	5	08251254	0.	.0	2992.0	*	7	16001921	0.	.0	2992.0		
3	0055	588	0.	.0	2992.0	*	5	08301255	0.	.0	2992.0	*	7	16051922	0.	.0	2992.0		
3	0100	589	0.	.0	2992.0	*	5	08351256	0.	.0	2992.0	*	7	16101923	0.	.0	2992.0		
3	0105	590	0.	.0	2992.0	*	5	08401257	0.	.0	2992.0	*	7	16151924	0.	.0	2992.0		
3	0110	591	0.	.0	2992.0	*	5	08451258	0.	.0	2992.0	*	7	16201925	0.	.0	2992.0		
3	0115	592	0.	.0	2992.0	*	5	08501259	0.	.0	2992.0	*	7	16251926	0.	.0	2992.0		
3	0120	593	0.	.0	2992.0	*	5	08551260	0.	.0	2992.0	*	7	16301927	0.	.0	2992.0		
3	0125	594	0.	.0	2992.0	*	5	09001261	0.	.0	2992.0	*	7	16351928	0.	.0	2992.0		

											ULT					
3	0130	595	0.	.0	2992.0	* 5	09051262	0.	.0	2992.0	* 7	16401929	0.	.0	2992.0	
3	0135	596	0.	.0	2992.0	* 5	09101263	0.	.0	2992.0	* 7	16451930	0.	.0	2992.0	
3	0140	597	0.	.0	2992.0	* 5	09151264	0.	.0	2992.0	* 7	16501931	0.	.0	2992.0	
3	0145	598	0.	.0	2992.0	* 5	09201265	0.	.0	2992.0	* 7	16551932	0.	.0	2992.0	
3	0150	599	0.	.0	2992.0	* 5	09251266	0.	.0	2992.0	* 7	17001933	0.	.0	2992.0	
3	0155	600	0.	.0	2992.0	* 5	09301267	0.	.0	2992.0	* 7	17051934	0.	.0	2992.0	
3	0200	601	0.	.0	2992.0	* 5	09351268	0.	.0	2992.0	* 7	17101935	0.	.0	2992.0	
3	0205	602	0.	.0	2992.0	* 5	09401269	0.	.0	2992.0	* 7	17151936	0.	.0	2992.0	
3	0210	603	0.	.0	2992.0	* 5	09451270	0.	.0	2992.0	* 7	17201937	0.	.0	2992.0	
3	0215	604	0.	.0	2992.0	* 5	09501271	0.	.0	2992.0	* 7	17251938	0.	.0	2992.0	
3	0220	605	0.	.0	2992.0	* 5	09551272	0.	.0	2992.0	* 7	17301939	0.	.0	2992.0	
3	0225	606	0.	.0	2992.0	* 5	10001273	0.	.0	2992.0	* 7	17351940	0.	.0	2992.0	
3	0230	607	0.	.0	2992.0	* 5	10051274	0.	.0	2992.0	* 7	17401941	0.	.0	2992.0	
3	0235	608	0.	.0	2992.0	* 5	10101275	0.	.0	2992.0	* 7	17451942	0.	.0	2992.0	
3	0240	609	0.	.0	2992.0	* 5	10151276	0.	.0	2992.0	* 7	17501943	0.	.0	2992.0	
3	0245	610	0.	.0	2992.0	* 5	10201277	0.	.0	2992.0	* 7	17551944	0.	.0	2992.0	
3	0250	611	0.	.0	2992.0	* 5	10251278	0.	.0	2992.0	* 7	18001945	0.	.0	2992.0	
3	0255	612	0.	.0	2992.0	* 5	10301279	0.	.0	2992.0	* 7	18051946	0.	.0	2992.0	
3	0300	613	0.	.0	2992.0	* 5	10351280	0.	.0	2992.0	* 7	18101947	0.	.0	2992.0	
3	0305	614	0.	.0	2992.0	* 5	10401281	0.	.0	2992.0	* 7	18151948	0.	.0	2992.0	
3	0310	615	0.	.0	2992.0	* 5	10451282	0.	.0	2992.0	* 7	18201949	0.	.0	2992.0	
3	0315	616	0.	.0	2992.0	* 5	10501283	0.	.0	2992.0	* 7	18251950	0.	.0	2992.0	
3	0320	617	0.	.0	2992.0	* 5	10551284	0.	.0	2992.0	* 7	18301951	0.	.0	2992.0	
3	0325	618	0.	.0	2992.0	* 5	11001285	0.	.0	2992.0	* 7	18351952	0.	.0	2992.0	
3	0330	619	0.	.0	2992.0	* 5	11051286	0.	.0	2992.0	* 7	18401953	0.	.0	2992.0	
3	0335	620	0.	.0	2992.0	* 5	11101287	0.	.0	2992.0	* 7	18451954	0.	.0	2992.0	
3	0340	621	0.	.0	2992.0	* 5	11151288	0.	.0	2992.0	* 7	18501955	0.	.0	2992.0	
3	0345	622	0.	.0	2992.0	* 5	11201289	0.	.0	2992.0	* 7	18551956	0.	.0	2992.0	
3	0350	623	0.	.0	2992.0	* 5	11251290	0.	.0	2992.0	* 7	19001957	0.	.0	2992.0	
3	0355	624	0.	.0	2992.0	* 5	11301291	0.	.0	2992.0	* 7	19051958	0.	.0	2992.0	
3	0400	625	0.	.0	2992.0	* 5	11351292	0.	.0	2992.0	* 7	19101959	0.	.0	2992.0	
3	0405	626	0.	.0	2992.0	* 5	11401293	0.	.0	2992.0	* 7	19151960	0.	.0	2992.0	
3	0410	627	0.	.0	2992.0	* 5	11451294	0.	.0	2992.0	* 7	19201961	0.	.0	2992.0	
3	0415	628	0.	.0	2992.0	* 5	11501295	0.	.0	2992.0	* 7	19251962	0.	.0	2992.0	
3	0420	629	0.	.0	2992.0	* 5	11551296	0.	.0	2992.0	* 7	19301963	0.	.0	2992.0	
3	0425	630	0.	.0	2992.0	* 5	12001297	0.	.0	2992.0	* 7	19351964	0.	.0	2992.0	
3	0430	631	0.	.0	2992.0	* 5	12051298	0.	.0	2992.0	* 7	19401965	0.	.0	2992.0	
3	0435	632	0.	.0	2992.0	* 5	12101299	0.	.0	2992.0	* 7	19451966	0.	.0	2992.0	
3	0440	633	0.	.0	2992.0	* 5	12151300	0.	.0	2992.0	* 7	19501967	0.	.0	2992.0	
3	0445	634	0.	.0	2992.0	* 5	12201301	0.	.0	2992.0	* 7	19551968	0.	.0	2992.0	
3	0450	635	0.	.0	2992.0	* 5	12251302	0.	.0	2992.0	* 7	20001969	0.	.0	2992.0	
3	0455	636	0.	.0	2992.0	* 5	12301303	0.	.0	2992.0	* 7	20051970	0.	.0	2992.0	
3	0500	637	0.	.0	2992.0	* 5	12351304	0.	.0	2992.0	* 7	20101971	0.	.0	2992.0	
3	0505	638	0.	.0	2992.0	* 5	12401305	0.	.0	2992.0	* 7	20151972	0.	.0	2992.0	
3	0510	639	0.	.0	2992.0	* 5	12451306	0.	.0	2992.0	* 7	20201973	0.	.0	2992.0	
3	0515	640	0.	.0	2992.0	* 5	12501307	0.	.0	2992.0	* 7	20251974	0.	.0	2992.0	
3	0520	641	0.	.0	2992.0	* 5	12551308	0.	.0	2992.0	* 7	20301975	0.	.0	2992.0	
3	0525	642	0.	.0	2992.0	* 5	13001309	0.	.0	2992.0	* 7	20351976	0.	.0	2992.0	
3	0530	643	0.	.0	2992.0	* 5	13051310	0.	.0	2992.0	* 7	20401977	0.	.0	2992.0	
3	0535	644	0.	.0	2992.0	* 5	13101311	0.	.0	2992.0	* 7	20451978	0.	.0	2992.0	
3	0540	645	0.	.0	2992.0	* 5	13151312	0.	.0	2992.0	* 7	20501979	0.	.0	2992.0	
3	0545	646	0.	.0	2992.0	* 5	13201313	0.	.0	2992.0	* 7	20551980	0.	.0	2992.0	
3	0550	647	0.	.0	2992.0	* 5	13251314	0.	.0	2992.0	* 7	21001981	0.	.0	2992.0	
3	0555	648	0.	.0	2992.0	* 5	13301315	0.	.0	2992.0	* 7	21051982	0.	.0	2992.0	
3	0600	649	0.	.0	2992.0	* 5	13351316	0.	.0	2992.0	* 7	21101983	0.	.0	2992.0	
3	0605	650	0.	.0	2992.0	* 5	13401317	0.	.0	2992.0	* 7	21151984	0.	.0	2992.0	
3	0610	651	0.	.0	2992.0	* 5	13451318	0.	.0	2992.0	* 7	21201985	0.	.0	2992.0	
3	0615	652	0.	.0	2992.0	* 5	13501319	0.	.0	2992.0	* 7	21251986	0.	.0	2992.0	
3	0620	653	0.	.0	2992.0	* 5	13551320	0.	.0	2992.0	* 7	21301987	0.	.0	2992.0	
3	0625	654	0.	.0	2992.0	* 5	14001321	0.	.0	2992.0	* 7	21351988	0.	.0	2992.0	
3	0630	655	0.	.0	2992.0	* 5	14051322	0.	.0	2992.0	* 7	21401989	0.	.0	2992.0	
3	0635	656	0.	.0	2992.0	* 5	14101323	0.	.0	2992.0	* 7	21451990	0.	.0	2992.0	
3	0640	657	0.	.0	2992.0	* 5	14151324	0.	.0	2992.0	* 7	21501991	0.	.0	2992.0	
3	0645	658	0.	.0	2992.0	* 5	14201325	0.	.0	2992.0	* 7	21551992	0.	.0	2992.0	
3	0650	659	0.	.0	2992.0	* 5	14251326	0.	.0	2992.0	* 7	22001993	0.	.0	2992.0	
3	0655	660	0.	.0	2992.0	* 5	14301327	0.	.0	2992.0	* 7	22051994	0.	.0	2992.0	
3	0700	661	0.	.0	2992.0	* 5	14351328	0.	.0	2992.0	* 7	22101995	0.	.0	2992.0	
3	0705	662	0.	.0	2992.0	* 5	14401329	0.	.0	2992.0	* 7	22151996	0.	.0	2992.0	
3	0710	663	0.	.0	2992.0	* 5	14451330	0.	.0	2992.0	* 7	22201997	0.	.0	2992.0	
3	0715	664	0.	.0	2992.0	* 5	14501331	0.	.0	2992.0	* 7	22251998	0.	.0	2992.0	
3	0720	665	0.	.0	2992.0	* 5	14551332	0.	.0	2992.0	* 7	22301999	0.	.0	2992.0	
3	0725	666	0.	.0	2992.0	* 5	15001333	0.	.0	2992.0	* 7	22352000	0.	.0	2992.0	
3	0730	667	0.	.0	2992.0	* 5	15051334	0.	.0	2992.0	*					
						*					*					

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 70.	5.25		65.	25.	8.	4.
		(INCHES)	1.059	1.647	1.647	1.647
		(AC-FT)	32.	50.	50.	50.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
34.	5.25	26.	7.	2.	1.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			ULT
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
3002.32	5.25	3000.14	2994.45	2992.82	2992.35

CUMULATIVE AREA = .57 SQ MI

HYDROGRAPH AT STATION RDB2
PLAN 1, RATIO = .93

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	3		0735	668	0.	.0	2992.0	5		15101335		0.	.0	2992.0
1		0005	2	0.	.0	2992.0	3		0740	669	0.	.0	2992.0	5		15151336		0.	.0	2992.0
1		0010	3	0.	.0	2992.0	3		0745	670	0.	.0	2992.0	5		15201337		0.	.0	2992.0
1		0015	4	0.	.0	2992.0	3		0750	671	0.	.0	2992.0	5		15251338		0.	.0	2992.0
1		0020	5	0.	.0	2992.0	3		0755	672	0.	.0	2992.0	5		15301339		0.	.0	2992.0
1		0025	6	0.	.0	2992.0	3		0800	673	0.	.0	2992.0	5		15351340		0.	.0	2992.0
1		0030	7	1.	.0	2992.0	3		0805	674	0.	.0	2992.0	5		15401341		0.	.0	2992.0
1		0035	8	1.	.1	2992.0	3		0810	675	0.	.0	2992.0	5		15451342		0.	.0	2992.0
1		0040	9	1.	.1	2992.0	3		0815	676	0.	.0	2992.0	5		15501343		0.	.0	2992.0
1		0045	10	2.	.1	2992.0	3		0820	677	0.	.0	2992.0	5		15551344		0.	.0	2992.0
1		0050	11	2.	.1	2992.0	3		0825	678	0.	.0	2992.0	5		16001345		0.	.0	2992.0
1		0055	12	2.	.1	2992.0	3		0830	679	0.	.0	2992.0	5		16051346		0.	.0	2992.0
1		0100	13	1.	.1	2992.0	3		0835	680	0.	.0	2992.0	5		16101347		0.	.0	2992.0
1		0105	14	1.	.1	2992.0	3		0840	681	0.	.0	2992.0	5		16151348		0.	.0	2992.0
1		0110	15	1.	.1	2992.0	3		0845	682	0.	.0	2992.0	5		16201349		0.	.0	2992.0
1		0115	16	1.	.1	2992.0	3		0850	683	0.	.0	2992.0	5		16251350		0.	.0	2992.0
1		0120	17	2.	.1	2992.0	3		0855	684	0.	.0	2992.0	5		16301351		0.	.0	2992.0
1		0125	18	2.	.1	2992.0	3		0900	685	0.	.0	2992.0	5		16351352		0.	.0	2992.0
1		0130	19	3.	.1	2992.1	3		0905	686	0.	.0	2992.0	5		16401353		0.	.0	2992.0
1		0135	20	4.	.2	2992.1	3		0910	687	0.	.0	2992.0	5		16451354		0.	.0	2992.0
1		0140	21	5.	.3	2992.1	3		0915	688	0.	.0	2992.0	5		16501355		0.	.0	2992.0
1		0145	22	7.	.4	2992.2	3		0920	689	0.	.0	2992.0	5		16551356		0.	.0	2992.0
1		0150	23	9.	.5	2992.2	3		0925	690	0.	.0	2992.0	5		17001357		0.	.0	2992.0
1		0155	24	10.	.5	2992.2	3		0930	691	0.	.0	2992.0	5		17051358		0.	.0	2992.0
1		0200	25	11.	.6	2992.2	3		0935	692	0.	.0	2992.0	5		17101359		0.	.0	2992.0
1		0205	26	11.	.6	2992.2	3		0940	693	0.	.0	2992.0	5		17151360		0.	.0	2992.0
1		0210	27	11.	.6	2992.2	3		0945	694	0.	.0	2992.0	5		17201361		0.	.0	2992.0
1		0215	28	11.	.6	2992.3	3		0950	695	0.	.0	2992.0	5		17251362		0.	.0	2992.0
1		0220	29	13.	.7	2992.3	3		0955	696	0.	.0	2992.0	5		17301363		0.	.0	2992.0
1		0225	30	15.	.8	2992.3	3		1000	697	0.	.0	2992.0	5		17351364		0.	.0	2992.0
1		0230	31	17.	.9	2992.4	3		1005	698	0.	.0	2992.0	5		17401365		0.	.0	2992.0
1		0235	32	19.	1.0	2992.4	3		1010	699	0.	.0	2992.0	5		17451366		0.	.0	2992.0
1		0240	33	21.	1.1	2992.5	3		1015	700	0.	.0	2992.0	5		17501367		0.	.0	2992.0
1		0245	34	22.	1.2	2992.5	3		1020	701	0.	.0	2992.0	5		17551368		0.	.0	2992.0
1		0250	35	24.	1.3	2992.5	3		1025	702	0.	.0	2992.0	5		18001369		0.	.0	2992.0
1		0255	36	25.	1.3	2992.6	3		1030	703	0.	.0	2992.0	5		18051370		0.	.0	2992.0
1		0300	37	26.	1.4	2992.6	3		1035	704	0.	.0	2992.0	5		18101371		0.	.0	2992.0
1		0305	38	27.	1.4	2992.6	3		1040	705	0.	.0	2992.0	5		18151372		0.	.0	2992.0
1		0310	39	30.	1.6	2992.7	3		1045	706	0.	.0	2992.0	5		18201373		0.	.0	2992.0
1		0315	40	37.	2.0	2992.8	3		1050	707	0.	.0	2992.0	5		18251374		0.	.0	2992.0
1		0320	41	45.	2.7	2993.1	3		1055	708	0.	.0	2992.0	5		18301375		0.	.0	2992.0
1		0325	42	47.	4.1	2993.7	3		1100	709	0.	.0	2992.0	5		18351376		0.	.0	2992.0
1		0330	43	50.	6.5	2994.6	3		1105	710	0.	.0	2992.0	5		18401377		0.	.0	2992.0
1		0335	44	53.	9.8	2995.6	3		1110	711	0.	.0	2992.0	5		18451378		0.	.0	2992.0
1		0340	45	56.	13.5	2996.8	3		1115	712	0.	.0	2992.0	5		18501379		0.	.0	2992.0
1		0345	46	59.	17.2	2997.9	3		1120	713	0.	.0	2992.0	5		18551380		0.	.0	2992.0
1		0350	47	61.	20.3	2998.8	3		1125	714	0.	.0	2992.0	5		19001381		0.	.0	2992.0
1		0355	48	63.	22.8	2999.5	3		1130	715	0.	.0	2992.0	5		19051382		0.	.0	2992.0
1		0400	49	65.	24.6	3000.1	3		1135	716	0.	.0	2992.0	5		19101383		0.	.0	2992.0
1		0405	50	65.	25.9	3000.4	3		1140	717	0.	.0	2992.0	5		19151384		0.	.0	2992.0
1		0410	51	66.	26.9	3000.6	3		1145	718	0.	.0	2992.0	5		19201385		0.	.0	2992.0
1		0415	52	66.	27.5	3000.7	3		1150	719	0.	.0	2992.0	5		19251386		0.	.0	2992.0
1		0420	53	66.	27.9	3000.8	3		1155	720	0.	.0	2992.0	5		19301387		0.	.0	2992.0
1		0425	54	67.	28.2	3000.9	3		1200	721	0.	.0	2992.0	5		19351388		0.	.0	2992.0
1		0430	55	67.	28.4	3000.9	3		1205	722	0.	.0	2992.0	5		19401389		0.	.0	2992.0
1		0435	56	67.	28.7	3001.0	3		1210	723	0.	.0	2992.0	5		19451390		0.	.0	2992.0
1		0440	57	67.	29.2	3001.1	3		1215	724	0.	.0	2992.0	5		19501391		0.	.0	2992.0
1		0445	58	67.	29.7	3001.2	3		1220	725	0.	.0	2992.0	5		19551392		0.	.0	2992.0
1		0450	59	68.	30.2	3001.3	3		1225	726	0.	.0	2992.0	5		20001393		0.	.0	2992.0
1		0455	60	68.	30.8	3001.5	3		1230	727	0.	.0	2992.0	5		20051394		0.	.0	2992.0
1		0500	61	68.	31.3	3001.6	3		1235	728	0.	.0	2992.0	5		20101395		0.	.0	2992.0
1		0505	62	68.	31.7	3001.7	3		1240	729	0.	.0	2992.0	5		20151396		0.	.0	2992.0
1		0510	63	68.	31.9	3001.7	3		1245	730	0.	.0	2992.0	5		20201397		0.	.0	2992.0
1		0515	64	68.	32.0	3001.7	3		1250	731	0.	.0	2992.0	5		20251398		0.	.0	2992.0
1		0520	65	68.	31.9	3001.7	3		1255	732	0.	.0	2992.0	5		20301399		0.	.0	2992.0
1		0525	66	68.	31.7	3001.7	3		1300	733	0.	.0	2992.0	5		20351400		0.	.0	2992.0
1		0530	67	68.	31.5	3001.6	3		1305	734	0.	.0	2992.0	5		20401401		0.	.0	2992.0
1		0535	68	68.	31.2	3001.6	3		1310	735	0.	.0	2992.0	5		20451402		0.	.0	2992.0
1		0540	69	68.	30.9	3001.5	3		1315	736	0.	.0	2992.0	5		20501403		0.	.0	2992.0
1		0545	70	68.	30.6	3001.4	3		1320	737	0.	.0	2992.0	5		20551404		0.	.0	2992.0
1		0550	71	68.	30.2	3001.3	3		1325	738	0.	.0	2992.0	5		21001405		0.	.0	2992.0
1		0555	72	67.	29.8	3001.3	3		1330	739	0.	.0	2992.0	5		21051406		0.	.0	2992.0

															ULT						
1	0600	73	67.	29.5	3001.2	*	3	1335	740	0.	.0	2992.0	*	5	21101407	0.	.0	2992.0			
1	0605	74	67.	29.1	3001.1	*	3	1340	741	0.	.0	2992.0	*	5	21151408	0.	.0	2992.0			
1	0610	75	67.	28.7	3001.0	*	3	1345	742	0.	.0	2992.0	*	5	21201409	0.	.0	2992.0			
1	0615	76	67.	28.3	3000.9	*	3	1350	743	0.	.0	2992.0	*	5	21251410	0.	.0	2992.0			
1	0620	77	66.	27.9	3000.8	*	3	1355	744	0.	.0	2992.0	*	5	21301411	0.	.0	2992.0			
1	0625	78	66.	27.4	3000.7	*	3	1400	745	0.	.0	2992.0	*	5	21351412	0.	.0	2992.0			
1	0630	79	66.	27.0	3000.6	*	3	1405	746	0.	.0	2992.0	*	5	21401413	0.	.0	2992.0			
1	0635	80	66.	26.6	3000.5	*	3	1410	747	0.	.0	2992.0	*	5	21451414	0.	.0	2992.0			
1	0640	81	66.	26.1	3000.4	*	3	1415	748	0.	.0	2992.0	*	5	21501415	0.	.0	2992.0			
1	0645	82	65.	25.7	3000.3	*	3	1420	749	0.	.0	2992.0	*	5	21551416	0.	.0	2992.0			
1	0650	83	65.	25.2	3000.2	*	3	1425	750	0.	.0	2992.0	*	5	22001417	0.	.0	2992.0			
1	0655	84	65.	24.8	3000.1	*	3	1430	751	0.	.0	2992.0	*	5	22051418	0.	.0	2992.0			
1	0700	85	65.	24.3	3000.0	*	3	1435	752	0.	.0	2992.0	*	5	22101419	0.	.0	2992.0			
1	0705	86	64.	23.9	2999.9	*	3	1440	753	0.	.0	2992.0	*	5	22151420	0.	.0	2992.0			
1	0710	87	64.	23.4	2999.7	*	3	1445	754	0.	.0	2992.0	*	5	22201421	0.	.0	2992.0			
1	0715	88	64.	23.0	2999.6	*	3	1450	755	0.	.0	2992.0	*	5	22251422	0.	.0	2992.0			
1	0720	89	63.	22.6	2999.5	*	3	1455	756	0.	.0	2992.0	*	5	22301423	0.	.0	2992.0			
1	0725	90	63.	22.1	2999.3	*	3	1500	757	0.	.0	2992.0	*	5	22351424	0.	.0	2992.0			
1	0730	91	63.	21.7	2999.2	*	3	1505	758	0.	.0	2992.0	*	5	22401425	0.	.0	2992.0			
1	0735	92	62.	21.3	2999.1	*	3	1510	759	0.	.0	2992.0	*	5	22451426	0.	.0	2992.0			
1	0740	93	62.	20.8	2999.0	*	3	1515	760	0.	.0	2992.0	*	5	22501427	0.	.0	2992.0			
1	0745	94	62.	20.4	2998.8	*	3	1520	761	0.	.0	2992.0	*	5	22551428	0.	.0	2992.0			
1	0750	95	61.	20.0	2998.7	*	3	1525	762	0.	.0	2992.0	*	5	23001429	0.	.0	2992.0			
1	0755	96	61.	19.6	2998.6	*	3	1530	763	0.	.0	2992.0	*	5	23051430	0.	.0	2992.0			
1	0800	97	60.	19.1	2998.5	*	3	1535	764	0.	.0	2992.0	*	5	23101431	0.	.0	2992.0			
1	0805	98	60.	18.7	2998.3	*	3	1540	765	0.	.0	2992.0	*	5	23151432	0.	.0	2992.0			
1	0810	99	60.	18.3	2998.2	*	3	1545	766	0.	.0	2992.0	*	5	23201433	0.	.0	2992.0			
1	0815	100	59.	17.9	2998.1	*	3	1550	767	0.	.0	2992.0	*	5	23251434	0.	.0	2992.0			
1	0820	101	59.	17.5	2998.0	*	3	1555	768	0.	.0	2992.0	*	5	23301435	0.	.0	2992.0			
1	0825	102	59.	17.1	2997.8	*	3	1600	769	0.	.0	2992.0	*	5	23351436	0.	.0	2992.0			
1	0830	103	58.	16.7	2997.7	*	3	1605	770	0.	.0	2992.0	*	5	23401437	0.	.0	2992.0			
1	0835	104	58.	16.3	2997.6	*	3	1610	771	0.	.0	2992.0	*	5	23451438	0.	.0	2992.0			
1	0840	105	58.	15.9	2997.5	*	3	1615	772	0.	.0	2992.0	*	5	23501439	0.	.0	2992.0			
1	0845	106	58.	15.5	2997.4	*	3	1620	773	0.	.0	2992.0	*	5	23551440	0.	.0	2992.0			
1	0850	107	57.	15.1	2997.2	*	3	1625	774	0.	.0	2992.0	*	6	00001441	0.	.0	2992.0			
1	0855	108	57.	14.7	2997.1	*	3	1630	775	0.	.0	2992.0	*	6	00051442	0.	.0	2992.0			
1	0900	109	57.	14.3	2997.0	*	3	1635	776	0.	.0	2992.0	*	6	00101443	0.	.0	2992.0			
1	0905	110	56.	13.9	2996.9	*	3	1640	777	0.	.0	2992.0	*	6	00151444	0.	.0	2992.0			
1	0910	111	56.	13.5	2996.8	*	3	1645	778	0.	.0	2992.0	*	6	00201445	0.	.0	2992.0			
1	0915	112	56.	13.2	2996.7	*	3	1650	779	0.	.0	2992.0	*	6	00251446	0.	.0	2992.0			
1	0920	113	55.	12.8	2996.5	*	3	1655	780	0.	.0	2992.0	*	6	00301447	0.	.0	2992.0			
1	0925	114	55.	12.4	2996.4	*	3	1700	781	0.	.0	2992.0	*	6	00351448	0.	.0	2992.0			
1	0930	115	55.	12.0	2996.3	*	3	1705	782	0.	.0	2992.0	*	6	00401449	0.	.0	2992.0			
1	0935	116	54.	11.6	2996.2	*	3	1710	783	0.	.0	2992.0	*	6	00451450	0.	.0	2992.0			
1	0940	117	54.	11.3	2996.1	*	3	1715	784	0.	.0	2992.0	*	6	00501451	0.	.0	2992.0			
1	0945	118	54.	10.9	2996.0	*	3	1720	785	0.	.0	2992.0	*	6	00551452	0.	.0	2992.0			
1	0950	119	53.	10.5	2995.9	*	3	1725	786	0.	.0	2992.0	*	6	01001453	0.	.0	2992.0			
1	0955	120	53.	10.2	2995.8	*	3	1730	787	0.	.0	2992.0	*	6	01051454	0.	.0	2992.0			
1	1000	121	53.	9.8	2995.7	*	3	1735	788	0.	.0	2992.0	*	6	01101455	0.	.0	2992.0			
1	1005	122	53.	9.4	2995.5	*	3	1740	789	0.	.0	2992.0	*	6	01151456	0.	.0	2992.0			
1	1010	123	52.	9.1	2995.4	*	3	1745	790	0.	.0	2992.0	*	6	01201457	0.	.0	2992.0			
1	1015	124	52.	8.7	2995.3	*	3	1750	791	0.	.0	2992.0	*	6	01251458	0.	.0	2992.0			
1	1020	125	52.	8.4	2995.2	*	3	1755	792	0.	.0	2992.0	*	6	01301459	0.	.0	2992.0			
1	1025	126	51.	8.0	2995.1	*	3	1800	793	0.	.0	2992.0	*	6	01351460	0.	.0	2992.0			
1	1030	127	51.	7.6	2995.0	*	3	1805	794	0.	.0	2992.0	*	6	01401461	0.	.0	2992.0			
1	1035	128	51.	7.3	2994.9	*	3	1810	795	0.	.0	2992.0	*	6	01451462	0.	.0	2992.0			
1	1040	129	50.	7.0	2994.8	*	3	1815	796	0.	.0	2992.0	*	6	01501463	0.	.0	2992.0			
1	1045	130	50.	6.6	2994.6	*	3	1820	797	0.	.0	2992.0	*	6	01551464	0.	.0	2992.0			
1	1050	131	49.	6.3	2994.5	*	3	1825	798	0.	.0	2992.0	*	6	02001465	0.	.0	2992.0			
1	1055	132	49.	5.9	2994.4	*	3	1830	799	0.	.0	2992.0	*	6	02051466	0.	.0	2992.0			
1	1100	133	49.	5.6	2994.2	*	3	1835	800	0.	.0	2992.0	*	6	02101467	0.	.0	2992.0			
1	1105	134	48.	5.3	2994.1	*	3	1840	801	0.	.0	2992.0	*	6	02151468	0.	.0	2992.0			
1	1110	135	48.	4.9	2994.0	*	3	1845	802	0.	.0	2992.0	*	6	02201469	0.	.0	2992.0			
1	1115	136	47.	4.6	2993.9	*	3	1850	803	0.	.0	2992.0	*	6	02251470	0.	.0	2992.0			
1	1120	137	47.	4.3	2993.7	*	3	1855	804	0.	.0	2992.0	*	6	02301471	0.	.0	2992.0			
1	1125	138	46.	4.0	2993.6	*	3	1900	805	0.	.0	2992.0	*	6	02351472	0.	.0	2992.0			
1	1130	139	46.	3.6	2993.5	*	3	1905	806	0.	.0	2992.0	*	6	02401473	0.	.0	2992.0			
1	1135	140	46.	3.3	2993.4	*	3	1910	807	0.	.0	2992.0	*	6	02451474	0.	.0	2992.0			
1	1140	141	45.	3.0	2993.3	*	3	1915	808	0.	.0	2992.0	*	6	02501475	0.	.0	2992.0			
1	1145	142	45.	2.7	2993.1	*	3	1920	809	0.	.0	2992.0	*	6	02551476	0.	.0	2992.0			
1	1150	143	45.	2.4	2993.0	*	3	1925	810	0.	.0	2992.0	*	6	03001477	0.	.0	2992.0			
1	1155	144	40.	2.1	2992.9	*	3	1930	811	0.	.0	2992.0	*	6	03051478	0.	.0	2992.0			
1	1200	145	35.	1.8	2992.8	*	3	1935	812	0.	.0	2992.0	*	6	03101479	0.	.0	2992.0			
1	1205	146	31.	1.6	2992.7	*	3	1940	813	0.	.0	2992.0	*	6	03151480	0.	.0	2992.0			
1	1210	147	27.	1.4	2992.6	*	3	1945	814	0.	.0	2992.0	*	6	03201481	0.	.0	2992.0			
1	1215	148	24.	1.2	2992.5	*	3	1950	815	0.	.0	2992.0	*	6	03251482	0.	.0	2992.0			
1	1220	149	21.	1.1	2992.5	*	3	1955	816	0.	.0	2992.0	*	6	03301483	0.	.0	2992.0			
1	1225	150	18.	1.0	2992.4	*	3	2000	817	0.	.0	2992.0	*	6	03351484	0.	.0	2992.0			
1	1230	151	16.	.8	2992.4	*	3	2005	818	0.	.0	2992.0	*	6	03401485	0.	.0	2992.0			
1	1235	152	14.	.7	2992.3	*	3	2010	819	0.	.0	2992.0	*	6	03451486	0.	.0	2992.0			
1	1240	153	12.	.6	2992.3	*	3	2015	820	0.	.0	2992.0	*	6	03501487	0.	.0	2992.0			
1	1245	154	11.	.6	2992.2	*	3	2020	821	0.	.0	2992.0	*	6	03551488	0.	.0	2992.0			
1	1250	155	9.	.5	2992.2	*	3	2025	822	0.	.0	2992.0	*	6	04001489	0.	.0	2992.0			
1	1255	156	8.	.4	2992.2	*	3	2030	823	0.	.0	2992.0	*	6	04051490	0.	.0	2992.0			
1	1300	157	7.	.4	2992.2	*	3	2035	824	0.	.0	2992.0	*	6	04101491	0.	.0	2992.0			
1	1305	158	6.	.3	2992.1	*	3	2040	825	0.	.0	2992.0	*	6	04151492	0.	.0	2992.0			
1	1310	159	6.	.3	2992.1	*	3	2045	826	0.	.0	2992.0	*	6	04201493	0.	.0	2992.0			
1	1315	160	5.	.3	2992.1	*	3	2050	827	0.	.0	2992.0	*	6	04251494	0.	.0	2992.0			
1	1320	161	4.	.2	2992.1	*	3	2055	828	0.	.0	2992.0	*	6	04301495	0.	.0	2992.0			

												ULT							
1	1325	162	4.	.2	2992.1	*	3	2100	829	0.	.0	2992.0	*	6	04351496	0.	.0	2992.0	
1	1330	163	3.	.2	2992.1	*	3	2105	830	0.	.0	2992.0	*	6	04401497	0.	.0	2992.0	
1	1335	164	3.	.2	2992.1	*	3	2110	831	0.	.0	2992.0	*	6	04451498	0.	.0	2992.0	
1	1340	165	3.	.1	2992.1	*	3	2115	832	0.	.0	2992.0	*	6	04501499	0.	.0	2992.0	
1	1345	166	2.	.1	2992.1	*	3	2120	833	0.	.0	2992.0	*	6	04551500	0.	.0	2992.0	
1	1350	167	2.	.1	2992.0	*	3	2125	834	0.	.0	2992.0	*	6	05001501	0.	.0	2992.0	
1	1355	168	2.	.1	2992.0	*	3	2130	835	0.	.0	2992.0	*	6	05051502	0.	.0	2992.0	
1	1400	169	2.	.1	2992.0	*	3	2135	836	0.	.0	2992.0	*	6	05101503	0.	.0	2992.0	
1	1405	170	1.	.1	2992.0	*	3	2140	837	0.	.0	2992.0	*	6	05151504	0.	.0	2992.0	
1	1410	171	1.	.1	2992.0	*	3	2145	838	0.	.0	2992.0	*	6	05201505	0.	.0	2992.0	
1	1415	172	1.	.1	2992.0	*	3	2150	839	0.	.0	2992.0	*	6	05251506	0.	.0	2992.0	
1	1420	173	1.	.0	2992.0	*	3	2155	840	0.	.0	2992.0	*	6	05301507	0.	.0	2992.0	
1	1425	174	1.	.0	2992.0	*	3	2200	841	0.	.0	2992.0	*	6	05351508	0.	.0	2992.0	
1	1430	175	1.	.0	2992.0	*	3	2205	842	0.	.0	2992.0	*	6	05401509	0.	.0	2992.0	
1	1435	176	1.	.0	2992.0	*	3	2210	843	0.	.0	2992.0	*	6	05451510	0.	.0	2992.0	
1	1440	177	1.	.0	2992.0	*	3	2215	844	0.	.0	2992.0	*	6	05501511	0.	.0	2992.0	
1	1445	178	0.	.0	2992.0	*	3	2220	845	0.	.0	2992.0	*	6	05551512	0.	.0	2992.0	
1	1450	179	0.	.0	2992.0	*	3	2225	846	0.	.0	2992.0	*	6	06001513	0.	.0	2992.0	
1	1455	180	0.	.0	2992.0	*	3	2230	847	0.	.0	2992.0	*	6	06051514	0.	.0	2992.0	
1	1500	181	0.	.0	2992.0	*	3	2235	848	0.	.0	2992.0	*	6	06101515	0.	.0	2992.0	
1	1505	182	0.	.0	2992.0	*	3	2240	849	0.	.0	2992.0	*	6	06151516	0.	.0	2992.0	
1	1510	183	0.	.0	2992.0	*	3	2245	850	0.	.0	2992.0	*	6	06201517	0.	.0	2992.0	
1	1515	184	0.	.0	2992.0	*	3	2250	851	0.	.0	2992.0	*	6	06251518	0.	.0	2992.0	
1	1520	185	0.	.0	2992.0	*	3	2255	852	0.	.0	2992.0	*	6	06301519	0.	.0	2992.0	
1	1525	186	0.	.0	2992.0	*	3	2300	853	0.	.0	2992.0	*	6	06351520	0.	.0	2992.0	
1	1530	187	0.	.0	2992.0	*	3	2305	854	0.	.0	2992.0	*	6	06401521	0.	.0	2992.0	
1	1535	188	0.	.0	2992.0	*	3	2310	855	0.	.0	2992.0	*	6	06451522	0.	.0	2992.0	
1	1540	189	0.	.0	2992.0	*	3	2315	856	0.	.0	2992.0	*	6	06501523	0.	.0	2992.0	
1	1545	190	0.	.0	2992.0	*	3	2320	857	0.	.0	2992.0	*	6	06551524	0.	.0	2992.0	
1	1550	191	0.	.0	2992.0	*	3	2325	858	0.	.0	2992.0	*	6	07001525	0.	.0	2992.0	
1	1555	192	0.	.0	2992.0	*	3	2330	859	0.	.0	2992.0	*	6	07051526	0.	.0	2992.0	
1	1600	193	0.	.0	2992.0	*	3	2335	860	0.	.0	2992.0	*	6	07101527	0.	.0	2992.0	
1	1605	194	0.	.0	2992.0	*	3	2340	861	0.	.0	2992.0	*	6	07151528	0.	.0	2992.0	
1	1610	195	0.	.0	2992.0	*	3	2345	862	0.	.0	2992.0	*	6	07201529	0.	.0	2992.0	
1	1615	196	0.	.0	2992.0	*	3	2350	863	0.	.0	2992.0	*	6	07251530	0.	.0	2992.0	
1	1620	197	0.	.0	2992.0	*	3	2355	864	0.	.0	2992.0	*	6	07301531	0.	.0	2992.0	
1	1625	198	0.	.0	2992.0	*	4	0000	865	0.	.0	2992.0	*	6	07351532	0.	.0	2992.0	
1	1630	199	0.	.0	2992.0	*	4	0005	866	0.	.0	2992.0	*	6	07401533	0.	.0	2992.0	
1	1635	200	0.	.0	2992.0	*	4	0010	867	0.	.0	2992.0	*	6	07451534	0.	.0	2992.0	
1	1640	201	0.	.0	2992.0	*	4	0015	868	0.	.0	2992.0	*	6	07501535	0.	.0	2992.0	
1	1645	202	0.	.0	2992.0	*	4	0020	869	0.	.0	2992.0	*	6	07551536	0.	.0	2992.0	
1	1650	203	0.	.0	2992.0	*	4	0025	870	0.	.0	2992.0	*	6	08001537	0.	.0	2992.0	
1	1655	204	0.	.0	2992.0	*	4	0030	871	0.	.0	2992.0	*	6	08051538	0.	.0	2992.0	
1	1700	205	0.	.0	2992.0	*	4	0035	872	0.	.0	2992.0	*	6	08101539	0.	.0	2992.0	
1	1705	206	0.	.0	2992.0	*	4	0040	873	0.	.0	2992.0	*	6	08151540	0.	.0	2992.0	
1	1710	207	0.	.0	2992.0	*	4	0045	874	0.	.0	2992.0	*	6	08201541	0.	.0	2992.0	
1	1715	208	0.	.0	2992.0	*	4	0050	875	0.	.0	2992.0	*	6	08251542	0.	.0	2992.0	
1	1720	209	0.	.0	2992.0	*	4	0055	876	0.	.0	2992.0	*	6	08301543	0.	.0	2992.0	
1	1725	210	0.	.0	2992.0	*	4	0100	877	0.	.0	2992.0	*	6	08351544	0.	.0	2992.0	
1	1730	211	0.	.0	2992.0	*	4	0105	878	0.	.0	2992.0	*	6	08401545	0.	.0	2992.0	
1	1735	212	0.	.0	2992.0	*	4	0110	879	0.	.0	2992.0	*	6	08451546	0.	.0	2992.0	
1	1740	213	0.	.0	2992.0	*	4	0115	880	0.	.0	2992.0	*	6	08501547	0.	.0	2992.0	
1	1745	214	0.	.0	2992.0	*	4	0120	881	0.	.0	2992.0	*	6	08551548	0.	.0	2992.0	
1	1750	215	0.	.0	2992.0	*	4	0125	882	0.	.0	2992.0	*	6	09001549	0.	.0	2992.0	
1	1755	216	0.	.0	2992.0	*	4	0130	883	0.	.0	2992.0	*	6	09051550	0.	.0	2992.0	
1	1800	217	0.	.0	2992.0	*	4	0135	884	0.	.0	2992.0	*	6	09101551	0.	.0	2992.0	
1	1805	218	0.	.0	2992.0	*	4	0140	885	0.	.0	2992.0	*	6	09151552	0.	.0	2992.0	
1	1810	219	0.	.0	2992.0	*	4	0145	886	0.	.0	2992.0	*	6	09201553	0.	.0	2992.0	
1	1815	220	0.	.0	2992.0	*	4	0150	887	0.	.0	2992.0	*	6	09251554	0.	.0	2992.0	
1	1820	221	0.	.0	2992.0	*	4	0155	888	0.	.0	2992.0	*	6	09301555	0.	.0	2992.0	
1	1825	222	0.	.0	2992.0	*	4	0200	889	0.	.0	2992.0	*	6	09351556	0.	.0	2992.0	
1	1830	223	0.	.0	2992.0	*	4	0205	890	0.	.0	2992.0	*	6	09401557	0.	.0	2992.0	
1	1835	224	0.	.0	2992.0	*	4	0210	891	0.	.0	2992.0	*	6	09451558	0.	.0	2992.0	
1	1840	225	0.	.0	2992.0	*	4	0215	892	0.	.0	2992.0	*	6	09501559	0.	.0	2992.0	
1	1845	226	0.	.0	2992.0	*	4	0220	893	0.	.0	2992.0	*	6	09551560	0.	.0	2992.0	
1	1850	227	0.	.0	2992.0	*	4	0225	894	0.	.0	2992.0	*	6	10001561	0.	.0	2992.0	
1	1855	228	0.	.0	2992.0	*	4	0230	895	0.	.0	2992.0	*	6	10051562	0.	.0	2992.0	
1	1900	229	0.	.0	2992.0	*	4	0235	896	0.	.0	2992.0	*	6	10101563	0.	.0	2992.0	
1	1905	230	0.	.0	2992.0	*	4	0240	897	0.	.0	2992.0	*	6	10151564	0.	.0	2992.0	
1	1910	231	0.	.0	2992.0	*	4	0245	898	0.	.0	2992.0	*	6	10201565	0.	.0	2992.0	
1	1915	232	0.	.0	2992.0	*	4	0250	899	0.	.0	2992.0	*	6	10251566	0.	.0	2992.0	
1	1920	233	0.	.0	2992.0	*	4	0255	900	0.	.0	2992.0	*	6	10301567	0.	.0	2992.0	
1	1925	234	0.	.0	2992.0	*	4	0300	901	0.	.0	2992.0	*	6	10351568	0.	.0	2992.0	
1	1930	235	0.	.0	2992.0	*	4	0305	902	0.	.0	2992.0	*	6	10401569	0.	.0	2992.0	
1	1935	236	0.	.0	2992.0	*	4	0310	903	0.	.0	2992.0	*	6	10451570	0.	.0	2992.0	
1	1940	237	0.	.0	2992.0	*	4	0315	904	0.	.0	2992.0	*	6	10501571	0.	.0	2992.0	
1	1945	238	0.	.0	2992.0	*	4	0320	905	0.	.0	2992.0	*	6	10551572	0.	.0	2992.0	
1	1950	239	0.	.0	2992.0	*	4	0325	906	0.	.0	2992.0	*	6	11001573	0.	.0	2992.0	
1	1955	240	0.	.0	2992.0	*	4	0330	907	0.	.0	2992.0	*	6	11051574	0.	.0	2992.0	
1	2000	241	0.	.0	2992.0	*	4	0335	908	0.	.0	2992.0	*	6	11101575	0.	.0	2992.0	
1	2005	242	0.	.0	2992.0	*	4	0340	909	0.	.0	2992.0	*	6	11151576	0.	.0	2992.0	
1	2010	243	0.	.0	2992.0	*	4	0345	910	0.	.0	2992.0	*	6	11201577	0.	.0	2992.0	
1	2015	244	0.	.0	2992.0	*	4	0350	911	0.	.0	2992.0	*	6	11251578	0.	.0	2992.0	
1	2020	245	0.	.0	2992.0	*	4	0355	912	0.	.0	2992.0	*	6	11301579	0.	.0	2992.0	
1	2025	246	0.	.0	2992.0	*	4	0400	913	0.	.0	2992.0	*	6	11351580	0.	.0	2992.0	
1	2030	247	0.	.0	2992.0	*	4	0405	914	0.	.0	2992.0	*	6	11401581	0.	.0	2992.0	
1	2035	248	0.	.0	2992.0	*	4	0410	915	0.	.0	2992.0	*	6	11451582	0.	.0	2992.0	
1	2040	249	0.	.0	2992.0	*	4	0415	916	0.	.0	2992.0	*	6	11501583	0.	.0	2992.0	
1	2045	250	0.	.0	2992.0	*	4	0420	917	0.	.0	2992.0	*	6	11551584	0.	.0	2992.0	

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1	2050	251	0.	.0	2992.0	* 4	0425	918	0.	.0	2992.0	* 6	12001585	0.	.0	2992.0
1	2055	252	0.	.0	2992.0	* 4	0430	919	0.	.0	2992.0	* 6	12051586	0.	.0	2992.0
1	2100	253	0.	.0	2992.0	* 4	0435	920	0.	.0	2992.0	* 6	12101587	0.	.0	2992.0
1	2105	254	0.	.0	2992.0	* 4	0440	921	0.	.0	2992.0	* 6	12151588	0.	.0	2992.0
1	2110	255	0.	.0	2992.0	* 4	0445	922	0.	.0	2992.0	* 6	12201589	0.	.0	2992.0
1	2115	256	0.	.0	2992.0	* 4	0450	923	0.	.0	2992.0	* 6	12251590	0.	.0	2992.0
1	2120	257	0.	.0	2992.0	* 4	0455	924	0.	.0	2992.0	* 6	12301591	0.	.0	2992.0
1	2125	258	0.	.0	2992.0	* 4	0500	925	0.	.0	2992.0	* 6	12351592	0.	.0	2992.0
1	2130	259	0.	.0	2992.0	* 4	0505	926	0.	.0	2992.0	* 6	12401593	0.	.0	2992.0
1	2135	260	0.	.0	2992.0	* 4	0510	927	0.	.0	2992.0	* 6	12451594	0.	.0	2992.0
1	2140	261	0.	.0	2992.0	* 4	0515	928	0.	.0	2992.0	* 6	12501595	0.	.0	2992.0
1	2145	262	0.	.0	2992.0	* 4	0520	929	0.	.0	2992.0	* 6	12551596	0.	.0	2992.0
1	2150	263	0.	.0	2992.0	* 4	0525	930	0.	.0	2992.0	* 6	13001597	0.	.0	2992.0
1	2155	264	0.	.0	2992.0	* 4	0530	931	0.	.0	2992.0	* 6	13051598	0.	.0	2992.0
1	2200	265	0.	.0	2992.0	* 4	0535	932	0.	.0	2992.0	* 6	13101599	0.	.0	2992.0
1	2205	266	0.	.0	2992.0	* 4	0540	933	0.	.0	2992.0	* 6	13151600	0.	.0	2992.0
1	2210	267	0.	.0	2992.0	* 4	0545	934	0.	.0	2992.0	* 6	13201601	0.	.0	2992.0
1	2215	268	0.	.0	2992.0	* 4	0550	935	0.	.0	2992.0	* 6	13251602	0.	.0	2992.0
1	2220	269	0.	.0	2992.0	* 4	0555	936	0.	.0	2992.0	* 6	13301603	0.	.0	2992.0
1	2225	270	0.	.0	2992.0	* 4	0600	937	0.	.0	2992.0	* 6	13351604	0.	.0	2992.0
1	2230	271	0.	.0	2992.0	* 4	0605	938	0.	.0	2992.0	* 6	13401605	0.	.0	2992.0
1	2235	272	0.	.0	2992.0	* 4	0610	939	0.	.0	2992.0	* 6	13451606	0.	.0	2992.0
1	2240	273	0.	.0	2992.0	* 4	0615	940	0.	.0	2992.0	* 6	13501607	0.	.0	2992.0
1	2245	274	0.	.0	2992.0	* 4	0620	941	0.	.0	2992.0	* 6	13551608	0.	.0	2992.0
1	2250	275	0.	.0	2992.0	* 4	0625	942	0.	.0	2992.0	* 6	14001609	0.	.0	2992.0
1	2255	276	0.	.0	2992.0	* 4	0630	943	0.	.0	2992.0	* 6	14051610	0.	.0	2992.0
1	2300	277	0.	.0	2992.0	* 4	0635	944	0.	.0	2992.0	* 6	14101611	0.	.0	2992.0
1	2305	278	0.	.0	2992.0	* 4	0640	945	0.	.0	2992.0	* 6	14151612	0.	.0	2992.0
1	2310	279	0.	.0	2992.0	* 4	0645	946	0.	.0	2992.0	* 6	14201613	0.	.0	2992.0
1	2315	280	0.	.0	2992.0	* 4	0650	947	0.	.0	2992.0	* 6	14251614	0.	.0	2992.0
1	2320	281	0.	.0	2992.0	* 4	0655	948	0.	.0	2992.0	* 6	14301615	0.	.0	2992.0
1	2325	282	0.	.0	2992.0	* 4	0700	949	0.	.0	2992.0	* 6	14351616	0.	.0	2992.0
1	2330	283	0.	.0	2992.0	* 4	0705	950	0.	.0	2992.0	* 6	14401617	0.	.0	2992.0
1	2335	284	0.	.0	2992.0	* 4	0710	951	0.	.0	2992.0	* 6	14451618	0.	.0	2992.0
1	2340	285	0.	.0	2992.0	* 4	0715	952	0.	.0	2992.0	* 6	14501619	0.	.0	2992.0
1	2345	286	0.	.0	2992.0	* 4	0720	953	0.	.0	2992.0	* 6	14551620	0.	.0	2992.0
1	2350	287	0.	.0	2992.0	* 4	0725	954	0.	.0	2992.0	* 6	15001621	0.	.0	2992.0
1	2355	288	0.	.0	2992.0	* 4	0730	955	0.	.0	2992.0	* 6	15051622	0.	.0	2992.0
2	0000	289	0.	.0	2992.0	* 4	0735	956	0.	.0	2992.0	* 6	15101623	0.	.0	2992.0
2	0005	290	0.	.0	2992.0	* 4	0740	957	0.	.0	2992.0	* 6	15151624	0.	.0	2992.0
2	0010	291	0.	.0	2992.0	* 4	0745	958	0.	.0	2992.0	* 6	15201625	0.	.0	2992.0
2	0015	292	0.	.0	2992.0	* 4	0750	959	0.	.0	2992.0	* 6	15251626	0.	.0	2992.0
2	0020	293	0.	.0	2992.0	* 4	0755	960	0.	.0	2992.0	* 6	15301627	0.	.0	2992.0
2	0025	294	0.	.0	2992.0	* 4	0800	961	0.	.0	2992.0	* 6	15351628	0.	.0	2992.0
2	0030	295	0.	.0	2992.0	* 4	0805	962	0.	.0	2992.0	* 6	15401629	0.	.0	2992.0
2	0035	296	0.	.0	2992.0	* 4	0810	963	0.	.0	2992.0	* 6	15451630	0.	.0	2992.0
2	0040	297	0.	.0	2992.0	* 4	0815	964	0.	.0	2992.0	* 6	15501631	0.	.0	2992.0
2	0045	298	0.	.0	2992.0	* 4	0820	965	0.	.0	2992.0	* 6	15551632	0.	.0	2992.0
2	0050	299	0.	.0	2992.0	* 4	0825	966	0.	.0	2992.0	* 6	16001633	0.	.0	2992.0
2	0055	300	0.	.0	2992.0	* 4	0830	967	0.	.0	2992.0	* 6	16051634	0.	.0	2992.0
2	0100	301	0.	.0	2992.0	* 4	0835	968	0.	.0	2992.0	* 6	16101635	0.	.0	2992.0
2	0105	302	0.	.0	2992.0	* 4	0840	969	0.	.0	2992.0	* 6	16151636	0.	.0	2992.0
2	0110	303	0.	.0	2992.0	* 4	0845	970	0.	.0	2992.0	* 6	16201637	0.	.0	2992.0
2	0115	304	0.	.0	2992.0	* 4	0850	971	0.	.0	2992.0	* 6	16251638	0.	.0	2992.0
2	0120	305	0.	.0	2992.0	* 4	0855	972	0.	.0	2992.0	* 6	16301639	0.	.0	2992.0
2	0125	306	0.	.0	2992.0	* 4	0900	973	0.	.0	2992.0	* 6	16351640	0.	.0	2992.0
2	0130	307	0.	.0	2992.0	* 4	0905	974	0.	.0	2992.0	* 6	16401641	0.	.0	2992.0
2	0135	308	0.	.0	2992.0	* 4	0910	975	0.	.0	2992.0	* 6	16451642	0.	.0	2992.0
2	0140	309	0.	.0	2992.0	* 4	0915	976	0.	.0	2992.0	* 6	16501643	0.	.0	2992.0
2	0145	310	0.	.0	2992.0	* 4	0920	977	0.	.0	2992.0	* 6	16551644	0.	.0	2992.0
2	0150	311	0.	.0	2992.0	* 4	0925	978	0.	.0	2992.0	* 6	17001645	0.	.0	2992.0
2	0155	312	0.	.0	2992.0	* 4	0930	979	0.	.0	2992.0	* 6	17051646	0.	.0	2992.0
2	0200	313	0.	.0	2992.0	* 4	0935	980	0.	.0	2992.0	* 6	17101647	0.	.0	2992.0
2	0205	314	0.	.0	2992.0	* 4	0940	981	0.	.0	2992.0	* 6	17151648	0.	.0	2992.0
2	0210	315	0.	.0	2992.0	* 4	0945	982	0.	.0	2992.0	* 6	17201649	0.	.0	2992.0
2	0215	316	0.	.0	2992.0	* 4	0950	983	0.	.0	2992.0	* 6	17251650	0.	.0	2992.0
2	0220	317	0.	.0	2992.0	* 4	0955	984	0.	.0	2992.0	* 6	17301651	0.	.0	2992.0
2	0225	318	0.	.0	2992.0	* 4	1000	985	0.	.0	2992.0	* 6	17351652	0.	.0	2992.0
2	0230	319	0.	.0	2992.0	* 4	1005	986	0.	.0	2992.0	* 6	17401653	0.	.0	2992.0
2	0235	320	0.	.0	2992.0	* 4	1010	987	0.	.0	2992.0	* 6	17451654	0.	.0	2992.0
2	0240	321	0.	.0	2992.0	* 4	1015	988	0.	.0	2992.0	* 6	17501655	0.	.0	2992.0
2	0245	322	0.	.0	2992.0	* 4	1020	989	0.	.0	2992.0	* 6	17551656	0.	.0	2992.0
2	0250	323	0.	.0	2992.0	* 4	1025	990	0.	.0	2992.0	* 6	18001657	0.	.0	2992.0
2	0255	324	0.	.0	2992.0	* 4	1030	991	0.	.0	2992.0	* 6	18051658	0.	.0	2992.0
2	0300	325	0.	.0	2992.0	* 4	1035	992	0.	.0	2992.0	* 6	18101659	0.	.0	2992.0
2	0305	326	0.	.0	2992.0	* 4	1040	993	0.	.0	2992.0	* 6	18151660	0.	.0	2992.0
2	0310	327	0.	.0	2992.0	* 4	1045	994	0.	.0	2992.0	* 6	18201661	0.	.0	2992.0
2	0315	328	0.	.0	2992.0	* 4	1050	995	0.	.0	2992.0	* 6	18251662	0.	.0	2992.0
2	0320	329	0.	.0	2992.0	* 4	1055	996	0.	.0	2992.0	* 6	18301663	0.	.0	2992.0
2	0325	330	0.	.0	2992.0	* 4	1100	997	0.	.0	2992.0	* 6	18351664	0.	.0	2992.0
2	0330	331	0.	.0	2992.0	* 4	1105	998	0.	.0	2992.0	* 6	18401665	0.	.0	2992.0
2	0335	332	0.	.0	2992.0	* 4	1110	999	0.	.0	2992.0	* 6	18451666	0.	.0	2992.0
2	0340	333	0.	.0	2992.0	* 4	11151000		0.	.0	2992.0	* 6	18501667	0.	.0	2992.0
2	0345	334	0.	.0	2992.0	* 4	11201001		0.	.0	2992.0	* 6	18551668	0.	.0	2992.0
2	0350	335	0.	.0	2992.0	* 4	11251002		0.	.0	2992.0	* 6	19001669	0.	.0	2992.0
2	0355	336	0.	.0	2992.0	* 4	11301003		0.	.0	2992.0	* 6	19051670	0.	.0	2992.0
2	0400	337	0.	.0	2992.0	* 4	11351004		0.	.0	2992.0	* 6	19101671	0.	.0	2992.0
2	0405	338	0.	.0	2992.0	* 4	11401005		0.	.0	2992.0	* 6	19151672	0.	.0	2992.0
2	0410	339	0.	.0	2992.0	* 4	11451006		0.	.0	2992.0	* 6	19201673	0.	.0	2992.0

ULT

2	0415	340	0.	.0	2992.0	* 4	11501007	0.	.0	2992.0	* 6	19251674	0.	.0	2992.0
2	0420	341	0.	.0	2992.0	* 4	11551008	0.	.0	2992.0	* 6	19301675	0.	.0	2992.0
2	0425	342	0.	.0	2992.0	* 4	12001009	0.	.0	2992.0	* 6	19351676	0.	.0	2992.0
2	0430	343	0.	.0	2992.0	* 4	12051010	0.	.0	2992.0	* 6	19401677	0.	.0	2992.0
2	0435	344	0.	.0	2992.0	* 4	12101011	0.	.0	2992.0	* 6	19451678	0.	.0	2992.0
2	0440	345	0.	.0	2992.0	* 4	12151012	0.	.0	2992.0	* 6	19501679	0.	.0	2992.0
2	0445	346	0.	.0	2992.0	* 4	12201013	0.	.0	2992.0	* 6	19551680	0.	.0	2992.0
2	0450	347	0.	.0	2992.0	* 4	12251014	0.	.0	2992.0	* 6	20001681	0.	.0	2992.0
2	0455	348	0.	.0	2992.0	* 4	12301015	0.	.0	2992.0	* 6	20051682	0.	.0	2992.0
2	0500	349	0.	.0	2992.0	* 4	12351016	0.	.0	2992.0	* 6	20101683	0.	.0	2992.0
2	0505	350	0.	.0	2992.0	* 4	12401017	0.	.0	2992.0	* 6	20151684	0.	.0	2992.0
2	0510	351	0.	.0	2992.0	* 4	12451018	0.	.0	2992.0	* 6	20201685	0.	.0	2992.0
2	0515	352	0.	.0	2992.0	* 4	12501019	0.	.0	2992.0	* 6	20251686	0.	.0	2992.0
2	0520	353	0.	.0	2992.0	* 4	12551020	0.	.0	2992.0	* 6	20301687	0.	.0	2992.0
2	0525	354	0.	.0	2992.0	* 4	13001021	0.	.0	2992.0	* 6	20351688	0.	.0	2992.0
2	0530	355	0.	.0	2992.0	* 4	13051022	0.	.0	2992.0	* 6	20401689	0.	.0	2992.0
2	0535	356	0.	.0	2992.0	* 4	13101023	0.	.0	2992.0	* 6	20451690	0.	.0	2992.0
2	0540	357	0.	.0	2992.0	* 4	13151024	0.	.0	2992.0	* 6	20501691	0.	.0	2992.0
2	0545	358	0.	.0	2992.0	* 4	13201025	0.	.0	2992.0	* 6	20551692	0.	.0	2992.0
2	0550	359	0.	.0	2992.0	* 4	13251026	0.	.0	2992.0	* 6	21001693	0.	.0	2992.0
2	0555	360	0.	.0	2992.0	* 4	13301027	0.	.0	2992.0	* 6	21051694	0.	.0	2992.0
2	0600	361	0.	.0	2992.0	* 4	13351028	0.	.0	2992.0	* 6	21101695	0.	.0	2992.0
2	0605	362	0.	.0	2992.0	* 4	13401029	0.	.0	2992.0	* 6	21151696	0.	.0	2992.0
2	0610	363	0.	.0	2992.0	* 4	13451030	0.	.0	2992.0	* 6	21201697	0.	.0	2992.0
2	0615	364	0.	.0	2992.0	* 4	13501031	0.	.0	2992.0	* 6	21251698	0.	.0	2992.0
2	0620	365	0.	.0	2992.0	* 4	13551032	0.	.0	2992.0	* 6	21301699	0.	.0	2992.0
2	0625	366	0.	.0	2992.0	* 4	14001033	0.	.0	2992.0	* 6	21351700	0.	.0	2992.0
2	0630	367	0.	.0	2992.0	* 4	14051034	0.	.0	2992.0	* 6	21401701	0.	.0	2992.0
2	0635	368	0.	.0	2992.0	* 4	14101035	0.	.0	2992.0	* 6	21451702	0.	.0	2992.0
2	0640	369	0.	.0	2992.0	* 4	14151036	0.	.0	2992.0	* 6	21501703	0.	.0	2992.0
2	0645	370	0.	.0	2992.0	* 4	14201037	0.	.0	2992.0	* 6	21551704	0.	.0	2992.0
2	0650	371	0.	.0	2992.0	* 4	14251038	0.	.0	2992.0	* 6	22001705	0.	.0	2992.0
2	0655	372	0.	.0	2992.0	* 4	14301039	0.	.0	2992.0	* 6	22051706	0.	.0	2992.0
2	0700	373	0.	.0	2992.0	* 4	14351040	0.	.0	2992.0	* 6	22101707	0.	.0	2992.0
2	0705	374	0.	.0	2992.0	* 4	14401041	0.	.0	2992.0	* 6	22151708	0.	.0	2992.0
2	0710	375	0.	.0	2992.0	* 4	14451042	0.	.0	2992.0	* 6	22201709	0.	.0	2992.0
2	0715	376	0.	.0	2992.0	* 4	14501043	0.	.0	2992.0	* 6	22251710	0.	.0	2992.0
2	0720	377	0.	.0	2992.0	* 4	14551044	0.	.0	2992.0	* 6	22301711	0.	.0	2992.0
2	0725	378	0.	.0	2992.0	* 4	15001045	0.	.0	2992.0	* 6	22351712	0.	.0	2992.0
2	0730	379	0.	.0	2992.0	* 4	15051046	0.	.0	2992.0	* 6	22401713	0.	.0	2992.0
2	0735	380	0.	.0	2992.0	* 4	15101047	0.	.0	2992.0	* 6	22451714	0.	.0	2992.0
2	0740	381	0.	.0	2992.0	* 4	15151048	0.	.0	2992.0	* 6	22501715	0.	.0	2992.0
2	0745	382	0.	.0	2992.0	* 4	15201049	0.	.0	2992.0	* 6	22551716	0.	.0	2992.0
2	0750	383	0.	.0	2992.0	* 4	15251050	0.	.0	2992.0	* 6	23001717	0.	.0	2992.0
2	0755	384	0.	.0	2992.0	* 4	15301051	0.	.0	2992.0	* 6	23051718	0.	.0	2992.0
2	0800	385	0.	.0	2992.0	* 4	15351052	0.	.0	2992.0	* 6	23101719	0.	.0	2992.0
2	0805	386	0.	.0	2992.0	* 4	15401053	0.	.0	2992.0	* 6	23151720	0.	.0	2992.0
2	0810	387	0.	.0	2992.0	* 4	15451054	0.	.0	2992.0	* 6	23201721	0.	.0	2992.0
2	0815	388	0.	.0	2992.0	* 4	15501055	0.	.0	2992.0	* 6	23251722	0.	.0	2992.0
2	0820	389	0.	.0	2992.0	* 4	15551056	0.	.0	2992.0	* 6	23301723	0.	.0	2992.0
2	0825	390	0.	.0	2992.0	* 4	16001057	0.	.0	2992.0	* 6	23351724	0.	.0	2992.0
2	0830	391	0.	.0	2992.0	* 4	16051058	0.	.0	2992.0	* 6	23401725	0.	.0	2992.0
2	0835	392	0.	.0	2992.0	* 4	16101059	0.	.0	2992.0	* 6	23451726	0.	.0	2992.0
2	0840	393	0.	.0	2992.0	* 4	16151060	0.	.0	2992.0	* 6	23501727	0.	.0	2992.0
2	0845	394	0.	.0	2992.0	* 4	16201061	0.	.0	2992.0	* 6	23551728	0.	.0	2992.0
2	0850	395	0.	.0	2992.0	* 4	16251062	0.	.0	2992.0	* 7	00001729	0.	.0	2992.0
2	0855	396	0.	.0	2992.0	* 4	16301063	0.	.0	2992.0	* 7	00051730	0.	.0	2992.0
2	0900	397	0.	.0	2992.0	* 4	16351064	0.	.0	2992.0	* 7	00101731	0.	.0	2992.0
2	0905	398	0.	.0	2992.0	* 4	16401065	0.	.0	2992.0	* 7	00151732	0.	.0	2992.0
2	0910	399	0.	.0	2992.0	* 4	16451066	0.	.0	2992.0	* 7	00201733	0.	.0	2992.0
2	0915	400	0.	.0	2992.0	* 4	16501067	0.	.0	2992.0	* 7	00251734	0.	.0	2992.0
2	0920	401	0.	.0	2992.0	* 4	16551068	0.	.0	2992.0	* 7	00301735	0.	.0	2992.0
2	0925	402	0.	.0	2992.0	* 4	17001069	0.	.0	2992.0	* 7	00351736	0.	.0	2992.0
2	0930	403	0.	.0	2992.0	* 4	17051070	0.	.0	2992.0	* 7	00401737	0.	.0	2992.0
2	0935	404	0.	.0	2992.0	* 4	17101071	0.	.0	2992.0	* 7	00451738	0.	.0	2992.0
2	0940	405	0.	.0	2992.0	* 4	17151072	0.	.0	2992.0	* 7	00501739	0.	.0	2992.0
2	0945	406	0.	.0	2992.0	* 4	17201073	0.	.0	2992.0	* 7	00551740	0.	.0	2992.0
2	0950	407	0.	.0	2992.0	* 4	17251074	0.	.0	2992.0	* 7	01001741	0.	.0	2992.0
2	0955	408	0.	.0	2992.0	* 4	17301075	0.	.0	2992.0	* 7	01051742	0.	.0	2992.0
2	1000	409	0.	.0	2992.0	* 4	17351076	0.	.0	2992.0	* 7	01101743	0.	.0	2992.0
2	1005	410	0.	.0	2992.0	* 4	17401077	0.	.0	2992.0	* 7	01151744	0.	.0	2992.0
2	1010	411	0.	.0	2992.0	* 4	17451078	0.	.0	2992.0	* 7	01201745	0.	.0	2992.0
2	1015	412	0.	.0	2992.0	* 4	17501079	0.	.0	2992.0	* 7	01251746	0.	.0	2992.0
2	1020	413	0.	.0	2992.0	* 4	17551080	0.	.0	2992.0	* 7	01301747	0.	.0	2992.0
2	1025	414	0.	.0	2992.0	* 4	18001081	0.	.0	2992.0	* 7	01351748	0.	.0	2992.0
2	1030	415	0.	.0	2992.0	* 4	18051082	0.	.0	2992.0	* 7	01401749	0.	.0	2992.0
2	1035	416	0.	.0	2992.0	* 4	18101083	0.	.0	2992.0	* 7	01451750	0.	.0	2992.0
2	1040	417	0.	.0	2992.0	* 4	18151084	0.	.0	2992.0	* 7	01501751	0.	.0	2992.0
2	1045	418	0.	.0	2992.0	* 4	18201085	0.	.0	2992.0	* 7	01551752	0.	.0	2992.0
2	1050	419	0.	.0	2992.0	* 4	18251086	0.	.0	2992.0	* 7	02001753	0.	.0	2992.0
2	1055	420	0.	.0	2992.0	* 4	18301087	0.	.0	2992.0	* 7	02051754	0.	.0	2992.0
2	1100	421	0.	.0	2992.0	* 4	18351088	0.	.0	2992.0	* 7	02101755	0.	.0	2992.0
2	1105	422	0.	.0	2992.0	* 4	18401089	0.	.0	2992.0	* 7	02151756	0.	.0	2992.0
2	1110	423	0.	.0	2992.0	* 4	18451090	0.	.0	2992.0	* 7	02201757	0.	.0	2992.0
2	1115	424	0.	.0	2992.0	* 4	18501091	0.	.0	2992.0	* 7	02251758	0.	.0	2992.0
2	1120	425	0.	.0	2992.0	* 4	18551092	0.	.0	2992.0	* 7	02301759	0.	.0	2992.0
2	1125	426	0.	.0	2992.0	* 4	19001093	0.	.0	2992.0	* 7	02351760	0.	.0	2992.0
2	1130	427	0.	.0	2992.0	* 4	19051094	0.	.0	2992.0	* 7	02401761	0.	.0	2992.0
2	1135	428	0.	.0	2992.0	* 4	19101095	0.	.0	2992.0	* 7	02451762	0.	.0	2992.0

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2	1140	429	0.	.0	2992.0	* 4	19151096	0.	.0	2992.0	* 7	02501763	0.	.0	2992.0
2	1145	430	0.	.0	2992.0	* 4	19201097	0.	.0	2992.0	* 7	02551764	0.	.0	2992.0
2	1150	431	0.	.0	2992.0	* 4	19251098	0.	.0	2992.0	* 7	03001765	0.	.0	2992.0
2	1155	432	0.	.0	2992.0	* 4	19301099	0.	.0	2992.0	* 7	03051766	0.	.0	2992.0
2	1200	433	0.	.0	2992.0	* 4	19351100	0.	.0	2992.0	* 7	03101767	0.	.0	2992.0
2	1205	434	0.	.0	2992.0	* 4	19401101	0.	.0	2992.0	* 7	03151768	0.	.0	2992.0
2	1210	435	0.	.0	2992.0	* 4	19451102	0.	.0	2992.0	* 7	03201769	0.	.0	2992.0
2	1215	436	0.	.0	2992.0	* 4	19501103	0.	.0	2992.0	* 7	03251770	0.	.0	2992.0
2	1220	437	0.	.0	2992.0	* 4	19551104	0.	.0	2992.0	* 7	03301771	0.	.0	2992.0
2	1225	438	0.	.0	2992.0	* 4	20001105	0.	.0	2992.0	* 7	03351772	0.	.0	2992.0
2	1230	439	0.	.0	2992.0	* 4	20051106	0.	.0	2992.0	* 7	03401773	0.	.0	2992.0
2	1235	440	0.	.0	2992.0	* 4	20101107	0.	.0	2992.0	* 7	03451774	0.	.0	2992.0
2	1240	441	0.	.0	2992.0	* 4	20151108	0.	.0	2992.0	* 7	03501775	0.	.0	2992.0
2	1245	442	0.	.0	2992.0	* 4	20201109	0.	.0	2992.0	* 7	03551776	0.	.0	2992.0
2	1250	443	0.	.0	2992.0	* 4	20251110	0.	.0	2992.0	* 7	04001777	0.	.0	2992.0
2	1255	444	0.	.0	2992.0	* 4	20301111	0.	.0	2992.0	* 7	04051778	0.	.0	2992.0
2	1300	445	0.	.0	2992.0	* 4	20351112	0.	.0	2992.0	* 7	04101779	0.	.0	2992.0
2	1305	446	0.	.0	2992.0	* 4	20401113	0.	.0	2992.0	* 7	04151780	0.	.0	2992.0
2	1310	447	0.	.0	2992.0	* 4	20451114	0.	.0	2992.0	* 7	04201781	0.	.0	2992.0
2	1315	448	0.	.0	2992.0	* 4	20501115	0.	.0	2992.0	* 7	04251782	0.	.0	2992.0
2	1320	449	0.	.0	2992.0	* 4	20551116	0.	.0	2992.0	* 7	04301783	0.	.0	2992.0
2	1325	450	0.	.0	2992.0	* 4	21001117	0.	.0	2992.0	* 7	04351784	0.	.0	2992.0
2	1330	451	0.	.0	2992.0	* 4	21051118	0.	.0	2992.0	* 7	04401785	0.	.0	2992.0
2	1335	452	0.	.0	2992.0	* 4	21101119	0.	.0	2992.0	* 7	04451786	0.	.0	2992.0
2	1340	453	0.	.0	2992.0	* 4	21151120	0.	.0	2992.0	* 7	04501787	0.	.0	2992.0
2	1345	454	0.	.0	2992.0	* 4	21201121	0.	.0	2992.0	* 7	04551788	0.	.0	2992.0
2	1350	455	0.	.0	2992.0	* 4	21251122	0.	.0	2992.0	* 7	05001789	0.	.0	2992.0
2	1355	456	0.	.0	2992.0	* 4	21301123	0.	.0	2992.0	* 7	05051790	0.	.0	2992.0
2	1400	457	0.	.0	2992.0	* 4	21351124	0.	.0	2992.0	* 7	05101791	0.	.0	2992.0
2	1405	458	0.	.0	2992.0	* 4	21401125	0.	.0	2992.0	* 7	05151792	0.	.0	2992.0
2	1410	459	0.	.0	2992.0	* 4	21451126	0.	.0	2992.0	* 7	05201793	0.	.0	2992.0
2	1415	460	0.	.0	2992.0	* 4	21501127	0.	.0	2992.0	* 7	05251794	0.	.0	2992.0
2	1420	461	0.	.0	2992.0	* 4	21551128	0.	.0	2992.0	* 7	05301795	0.	.0	2992.0
2	1425	462	0.	.0	2992.0	* 4	22001129	0.	.0	2992.0	* 7	05351796	0.	.0	2992.0
2	1430	463	0.	.0	2992.0	* 4	22051130	0.	.0	2992.0	* 7	05401797	0.	.0	2992.0
2	1435	464	0.	.0	2992.0	* 4	22101131	0.	.0	2992.0	* 7	05451798	0.	.0	2992.0
2	1440	465	0.	.0	2992.0	* 4	22151132	0.	.0	2992.0	* 7	05501799	0.	.0	2992.0
2	1445	466	0.	.0	2992.0	* 4	22201133	0.	.0	2992.0	* 7	05551800	0.	.0	2992.0
2	1450	467	0.	.0	2992.0	* 4	22251134	0.	.0	2992.0	* 7	06001801	0.	.0	2992.0
2	1455	468	0.	.0	2992.0	* 4	22301135	0.	.0	2992.0	* 7	06051802	0.	.0	2992.0
2	1500	469	0.	.0	2992.0	* 4	22351136	0.	.0	2992.0	* 7	06101803	0.	.0	2992.0
2	1505	470	0.	.0	2992.0	* 4	22401137	0.	.0	2992.0	* 7	06151804	0.	.0	2992.0
2	1510	471	0.	.0	2992.0	* 4	22451138	0.	.0	2992.0	* 7	06201805	0.	.0	2992.0
2	1515	472	0.	.0	2992.0	* 4	22501139	0.	.0	2992.0	* 7	06251806	0.	.0	2992.0
2	1520	473	0.	.0	2992.0	* 4	22551140	0.	.0	2992.0	* 7	06301807	0.	.0	2992.0
2	1525	474	0.	.0	2992.0	* 4	23001141	0.	.0	2992.0	* 7	06351808	0.	.0	2992.0
2	1530	475	0.	.0	2992.0	* 4	23051142	0.	.0	2992.0	* 7	06401809	0.	.0	2992.0
2	1535	476	0.	.0	2992.0	* 4	23101143	0.	.0	2992.0	* 7	06451810	0.	.0	2992.0
2	1540	477	0.	.0	2992.0	* 4	23151144	0.	.0	2992.0	* 7	06501811	0.	.0	2992.0
2	1545	478	0.	.0	2992.0	* 4	23201145	0.	.0	2992.0	* 7	06551812	0.	.0	2992.0
2	1550	479	0.	.0	2992.0	* 4	23251146	0.	.0	2992.0	* 7	07001813	0.	.0	2992.0
2	1555	480	0.	.0	2992.0	* 4	23301147	0.	.0	2992.0	* 7	07051814	0.	.0	2992.0
2	1600	481	0.	.0	2992.0	* 4	23351148	0.	.0	2992.0	* 7	07101815	0.	.0	2992.0
2	1605	482	0.	.0	2992.0	* 4	23401149	0.	.0	2992.0	* 7	07151816	0.	.0	2992.0
2	1610	483	0.	.0	2992.0	* 4	23451150	0.	.0	2992.0	* 7	07201817	0.	.0	2992.0
2	1615	484	0.	.0	2992.0	* 4	23501151	0.	.0	2992.0	* 7	07251818	0.	.0	2992.0
2	1620	485	0.	.0	2992.0	* 4	23551152	0.	.0	2992.0	* 7	07301819	0.	.0	2992.0
2	1625	486	0.	.0	2992.0	* 5	00001153	0.	.0	2992.0	* 7	07351820	0.	.0	2992.0
2	1630	487	0.	.0	2992.0	* 5	00051154	0.	.0	2992.0	* 7	07401821	0.	.0	2992.0
2	1635	488	0.	.0	2992.0	* 5	00101155	0.	.0	2992.0	* 7	07451822	0.	.0	2992.0
2	1640	489	0.	.0	2992.0	* 5	00151156	0.	.0	2992.0	* 7	07501823	0.	.0	2992.0
2	1645	490	0.	.0	2992.0	* 5	00201157	0.	.0	2992.0	* 7	07551824	0.	.0	2992.0
2	1650	491	0.	.0	2992.0	* 5	00251158	0.	.0	2992.0	* 7	08001825	0.	.0	2992.0
2	1655	492	0.	.0	2992.0	* 5	00301159	0.	.0	2992.0	* 7	08051826	0.	.0	2992.0
2	1700	493	0.	.0	2992.0	* 5	00351160	0.	.0	2992.0	* 7	08101827	0.	.0	2992.0
2	1705	494	0.	.0	2992.0	* 5	00401161	0.	.0	2992.0	* 7	08151828	0.	.0	2992.0
2	1710	495	0.	.0	2992.0	* 5	00451162	0.	.0	2992.0	* 7	08201829	0.	.0	2992.0
2	1715	496	0.	.0	2992.0	* 5	00501163	0.	.0	2992.0	* 7	08251830	0.	.0	2992.0
2	1720	497	0.	.0	2992.0	* 5	00551164	0.	.0	2992.0	* 7	08301831	0.	.0	2992.0
2	1725	498	0.	.0	2992.0	* 5	01001165	0.	.0	2992.0	* 7	08351832	0.	.0	2992.0
2	1730	499	0.	.0	2992.0	* 5	01051166	0.	.0	2992.0	* 7	08401833	0.	.0	2992.0
2	1735	500	0.	.0	2992.0	* 5	01101167	0.	.0	2992.0	* 7	08451834	0.	.0	2992.0
2	1740	501	0.	.0	2992.0	* 5	01151168	0.	.0	2992.0	* 7	08501835	0.	.0	2992.0
2	1745	502	0.	.0	2992.0	* 5	01201169	0.	.0	2992.0	* 7	08551836	0.	.0	2992.0
2	1750	503	0.	.0	2992.0	* 5	01251170	0.	.0	2992.0	* 7	09001837	0.	.0	2992.0
2	1755	504	0.	.0	2992.0	* 5	01301171	0.	.0	2992.0	* 7	09051838	0.	.0	2992.0
2	1800	505	0.	.0	2992.0	* 5	01351172	0.	.0	2992.0	* 7	09101839	0.	.0	2992.0
2	1805	506	0.	.0	2992.0	* 5	01401173	0.	.0	2992.0	* 7	09151840	0.	.0	2992.0
2	1810	507	0.	.0	2992.0	* 5	01451174	0.	.0	2992.0	* 7	09201841	0.	.0	2992.0
2	1815	508	0.	.0	2992.0	* 5	01501175	0.	.0	2992.0	* 7	09251842	0.	.0	2992.0
2	1820	509	0.	.0	2992.0	* 5	01551176	0.	.0	2992.0	* 7	09301843	0.	.0	2992.0
2	1825	510	0.	.0	2992.0	* 5	02001177	0.	.0	2992.0	* 7	09351844	0.	.0	2992.0
2	1830	511	0.	.0	2992.0	* 5	02051178	0.	.0	2992.0	* 7	09401845	0.	.0	2992.0
2	1835	512	0.	.0	2992.0	* 5	02101179	0.	.0	2992.0	* 7	09451846	0.	.0	2992.0
2	1840	513	0.	.0	2992.0	* 5	02151180	0.	.0	2992.0	* 7	09501847	0.	.0	2992.0
2	1845	514	0.	.0	2992.0	* 5	02201181	0.	.0	2992.0	* 7	09551848	0.	.0	2992.0
2	1850	515	0.	.0	2992.0	* 5	02251182	0.	.0	2992.0	* 7	10001849	0.	.0	2992.0
2	1855	516	0.	.0	2992.0	* 5	02301183	0.	.0	2992.0	* 7	10051850	0.	.0	2992.0
2	1900	517	0.	.0	2992.0	* 5	02351184	0.	.0	2992.0	* 7	10101851	0.	.0	2992.0

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2	1905	518	0.	.0	2992.0	* 5	02401185	0.	.0	2992.0	* 7	10151852	0.	.0	2992.0
2	1910	519	0.	.0	2992.0	* 5	02451186	0.	.0	2992.0	* 7	10201853	0.	.0	2992.0
2	1915	520	0.	.0	2992.0	* 5	02501187	0.	.0	2992.0	* 7	10251854	0.	.0	2992.0
2	1920	521	0.	.0	2992.0	* 5	02551188	0.	.0	2992.0	* 7	10301855	0.	.0	2992.0
2	1925	522	0.	.0	2992.0	* 5	03001189	0.	.0	2992.0	* 7	10351856	0.	.0	2992.0
2	1930	523	0.	.0	2992.0	* 5	03051190	0.	.0	2992.0	* 7	10401857	0.	.0	2992.0
2	1935	524	0.	.0	2992.0	* 5	03101191	0.	.0	2992.0	* 7	10451858	0.	.0	2992.0
2	1940	525	0.	.0	2992.0	* 5	03151192	0.	.0	2992.0	* 7	10501859	0.	.0	2992.0
2	1945	526	0.	.0	2992.0	* 5	03201193	0.	.0	2992.0	* 7	10551860	0.	.0	2992.0
2	1950	527	0.	.0	2992.0	* 5	03251194	0.	.0	2992.0	* 7	11001861	0.	.0	2992.0
2	1955	528	0.	.0	2992.0	* 5	03301195	0.	.0	2992.0	* 7	11051862	0.	.0	2992.0
2	2000	529	0.	.0	2992.0	* 5	03351196	0.	.0	2992.0	* 7	11101863	0.	.0	2992.0
2	2005	530	0.	.0	2992.0	* 5	03401197	0.	.0	2992.0	* 7	11151864	0.	.0	2992.0
2	2010	531	0.	.0	2992.0	* 5	03451198	0.	.0	2992.0	* 7	11201865	0.	.0	2992.0
2	2015	532	0.	.0	2992.0	* 5	03501199	0.	.0	2992.0	* 7	11251866	0.	.0	2992.0
2	2020	533	0.	.0	2992.0	* 5	03551200	0.	.0	2992.0	* 7	11301867	0.	.0	2992.0
2	2025	534	0.	.0	2992.0	* 5	04001201	0.	.0	2992.0	* 7	11351868	0.	.0	2992.0
2	2030	535	0.	.0	2992.0	* 5	04051202	0.	.0	2992.0	* 7	11401869	0.	.0	2992.0
2	2035	536	0.	.0	2992.0	* 5	04101203	0.	.0	2992.0	* 7	11451870	0.	.0	2992.0
2	2040	537	0.	.0	2992.0	* 5	04151204	0.	.0	2992.0	* 7	11501871	0.	.0	2992.0
2	2045	538	0.	.0	2992.0	* 5	04201205	0.	.0	2992.0	* 7	11551872	0.	.0	2992.0
2	2050	539	0.	.0	2992.0	* 5	04251206	0.	.0	2992.0	* 7	12001873	0.	.0	2992.0
2	2055	540	0.	.0	2992.0	* 5	04301207	0.	.0	2992.0	* 7	12051874	0.	.0	2992.0
2	2100	541	0.	.0	2992.0	* 5	04351208	0.	.0	2992.0	* 7	12101875	0.	.0	2992.0
2	2105	542	0.	.0	2992.0	* 5	04401209	0.	.0	2992.0	* 7	12151876	0.	.0	2992.0
2	2110	543	0.	.0	2992.0	* 5	04451210	0.	.0	2992.0	* 7	12201877	0.	.0	2992.0
2	2115	544	0.	.0	2992.0	* 5	04501211	0.	.0	2992.0	* 7	12251878	0.	.0	2992.0
2	2120	545	0.	.0	2992.0	* 5	04551212	0.	.0	2992.0	* 7	12301879	0.	.0	2992.0
2	2125	546	0.	.0	2992.0	* 5	05001213	0.	.0	2992.0	* 7	12351880	0.	.0	2992.0
2	2130	547	0.	.0	2992.0	* 5	05051214	0.	.0	2992.0	* 7	12401881	0.	.0	2992.0
2	2135	548	0.	.0	2992.0	* 5	05101215	0.	.0	2992.0	* 7	12451882	0.	.0	2992.0
2	2140	549	0.	.0	2992.0	* 5	05151216	0.	.0	2992.0	* 7	12501883	0.	.0	2992.0
2	2145	550	0.	.0	2992.0	* 5	05201217	0.	.0	2992.0	* 7	12551884	0.	.0	2992.0
2	2150	551	0.	.0	2992.0	* 5	05251218	0.	.0	2992.0	* 7	13001885	0.	.0	2992.0
2	2155	552	0.	.0	2992.0	* 5	05301219	0.	.0	2992.0	* 7	13051886	0.	.0	2992.0
2	2200	553	0.	.0	2992.0	* 5	05351220	0.	.0	2992.0	* 7	13101887	0.	.0	2992.0
2	2205	554	0.	.0	2992.0	* 5	05401221	0.	.0	2992.0	* 7	13151888	0.	.0	2992.0
2	2210	555	0.	.0	2992.0	* 5	05451222	0.	.0	2992.0	* 7	13201889	0.	.0	2992.0
2	2215	556	0.	.0	2992.0	* 5	05501223	0.	.0	2992.0	* 7	13251890	0.	.0	2992.0
2	2220	557	0.	.0	2992.0	* 5	05551224	0.	.0	2992.0	* 7	13301891	0.	.0	2992.0
2	2225	558	0.	.0	2992.0	* 5	06001225	0.	.0	2992.0	* 7	13351892	0.	.0	2992.0
2	2230	559	0.	.0	2992.0	* 5	06051226	0.	.0	2992.0	* 7	13401893	0.	.0	2992.0
2	2235	560	0.	.0	2992.0	* 5	06101227	0.	.0	2992.0	* 7	13451894	0.	.0	2992.0
2	2240	561	0.	.0	2992.0	* 5	06151228	0.	.0	2992.0	* 7	13501895	0.	.0	2992.0
2	2245	562	0.	.0	2992.0	* 5	06201229	0.	.0	2992.0	* 7	13551896	0.	.0	2992.0
2	2250	563	0.	.0	2992.0	* 5	06251230	0.	.0	2992.0	* 7	14001897	0.	.0	2992.0
2	2255	564	0.	.0	2992.0	* 5	06301231	0.	.0	2992.0	* 7	14051898	0.	.0	2992.0
2	2300	565	0.	.0	2992.0	* 5	06351232	0.	.0	2992.0	* 7	14101899	0.	.0	2992.0
2	2305	566	0.	.0	2992.0	* 5	06401233	0.	.0	2992.0	* 7	14151900	0.	.0	2992.0
2	2310	567	0.	.0	2992.0	* 5	06451234	0.	.0	2992.0	* 7	14201901	0.	.0	2992.0
2	2315	568	0.	.0	2992.0	* 5	06501235	0.	.0	2992.0	* 7	14251902	0.	.0	2992.0
2	2320	569	0.	.0	2992.0	* 5	06551236	0.	.0	2992.0	* 7	14301903	0.	.0	2992.0
2	2325	570	0.	.0	2992.0	* 5	07001237	0.	.0	2992.0	* 7	14351904	0.	.0	2992.0
2	2330	571	0.	.0	2992.0	* 5	07051238	0.	.0	2992.0	* 7	14401905	0.	.0	2992.0
2	2335	572	0.	.0	2992.0	* 5	07101239	0.	.0	2992.0	* 7	14451906	0.	.0	2992.0
2	2340	573	0.	.0	2992.0	* 5	07151240	0.	.0	2992.0	* 7	14501907	0.	.0	2992.0
2	2345	574	0.	.0	2992.0	* 5	07201241	0.	.0	2992.0	* 7	14551908	0.	.0	2992.0
2	2350	575	0.	.0	2992.0	* 5	07251242	0.	.0	2992.0	* 7	15001909	0.	.0	2992.0
2	2355	576	0.	.0	2992.0	* 5	07301243	0.	.0	2992.0	* 7	15051910	0.	.0	2992.0
3	0000	577	0.	.0	2992.0	* 5	07351244	0.	.0	2992.0	* 7	15101911	0.	.0	2992.0
3	0005	578	0.	.0	2992.0	* 5	07401245	0.	.0	2992.0	* 7	15151912	0.	.0	2992.0
3	0010	579	0.	.0	2992.0	* 5	07451246	0.	.0	2992.0	* 7	15201913	0.	.0	2992.0
3	0015	580	0.	.0	2992.0	* 5	07501247	0.	.0	2992.0	* 7	15251914	0.	.0	2992.0
3	0020	581	0.	.0	2992.0	* 5	07551248	0.	.0	2992.0	* 7	15301915	0.	.0	2992.0
3	0025	582	0.	.0	2992.0	* 5	08001249	0.	.0	2992.0	* 7	15351916	0.	.0	2992.0
3	0030	583	0.	.0	2992.0	* 5	08051250	0.	.0	2992.0	* 7	15401917	0.	.0	2992.0
3	0035	584	0.	.0	2992.0	* 5	08101251	0.	.0	2992.0	* 7	15451918	0.	.0	2992.0
3	0040	585	0.	.0	2992.0	* 5	08151252	0.	.0	2992.0	* 7	15501919	0.	.0	2992.0
3	0045	586	0.	.0	2992.0	* 5	08201253	0.	.0	2992.0	* 7	15551920	0.	.0	2992.0
3	0050	587	0.	.0	2992.0	* 5	08251254	0.	.0	2992.0	* 7	16001921	0.	.0	2992.0
3	0055	588	0.	.0	2992.0	* 5	08301255	0.	.0	2992.0	* 7	16051922	0.	.0	2992.0
3	0100	589	0.	.0	2992.0	* 5	08351256	0.	.0	2992.0	* 7	16101923	0.	.0	2992.0
3	0105	590	0.	.0	2992.0	* 5	08401257	0.	.0	2992.0	* 7	16151924	0.	.0	2992.0
3	0110	591	0.	.0	2992.0	* 5	08451258	0.	.0	2992.0	* 7	16201925	0.	.0	2992.0
3	0115	592	0.	.0	2992.0	* 5	08501259	0.	.0	2992.0	* 7	16251926	0.	.0	2992.0
3	0120	593	0.	.0	2992.0	* 5	08551260	0.	.0	2992.0	* 7	16301927	0.	.0	2992.0
3	0125	594	0.	.0	2992.0	* 5	09001261	0.	.0	2992.0	* 7	16351928	0.	.0	2992.0
3	0130	595	0.	.0	2992.0	* 5	09051262	0.	.0	2992.0	* 7	16401929	0.	.0	2992.0
3	0135	596	0.	.0	2992.0	* 5	09101263	0.	.0	2992.0	* 7	16451930	0.	.0	2992.0
3	0140	597	0.	.0	2992.0	* 5	09151264	0.	.0	2992.0	* 7	16501931	0.	.0	2992.0
3	0145	598	0.	.0	2992.0	* 5	09201265	0.	.0	2992.0	* 7	16551932	0.	.0	2992.0
3	0150	599	0.	.0	2992.0	* 5	09251266	0.	.0	2992.0	* 7	17001933	0.	.0	2992.0
3	0155	600	0.	.0	2992.0	* 5	09301267	0.	.0	2992.0	* 7	17051934	0.	.0	2992.0
3	0200	601	0.	.0	2992.0	* 5	09351268	0.	.0	2992.0	* 7	17101935	0.	.0	2992.0
3	0205	602	0.	.0	2992.0	* 5	09401269	0.	.0	2992.0	* 7	17151936	0.	.0	2992.0
3	0210	603	0.	.0	2992.0	* 5	09451270	0.	.0	2992.0	* 7	17201937	0.	.0	2992.0
3	0215	604	0.	.0	2992.0	* 5	09501271	0.	.0	2992.0	* 7	17251938	0.	.0	2992.0
3	0220	605	0.	.0	2992.0	* 5	09551272	0.	.0	2992.0	* 7	17301939	0.	.0	2992.0
3	0225	606	0.	.0	2992.0	* 5	10001273	0.	.0	2992.0	* 7	17351940	0.	.0	2992.0

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3	0230	607	0.	.0	2992.0	* 5	10051274	0.	.0	2992.0	* 7	17401941	0.	.0	2992.0	
3	0235	608	0.	.0	2992.0	* 5	10101275	0.	.0	2992.0	* 7	17451942	0.	.0	2992.0	
3	0240	609	0.	.0	2992.0	* 5	10151276	0.	.0	2992.0	* 7	17501943	0.	.0	2992.0	
3	0245	610	0.	.0	2992.0	* 5	10201277	0.	.0	2992.0	* 7	17551944	0.	.0	2992.0	
3	0250	611	0.	.0	2992.0	* 5	10251278	0.	.0	2992.0	* 7	18001945	0.	.0	2992.0	
3	0255	612	0.	.0	2992.0	* 5	10301279	0.	.0	2992.0	* 7	18051946	0.	.0	2992.0	
3	0300	613	0.	.0	2992.0	* 5	10351280	0.	.0	2992.0	* 7	18101947	0.	.0	2992.0	
3	0305	614	0.	.0	2992.0	* 5	10401281	0.	.0	2992.0	* 7	18151948	0.	.0	2992.0	
3	0310	615	0.	.0	2992.0	* 5	10451282	0.	.0	2992.0	* 7	18201949	0.	.0	2992.0	
3	0315	616	0.	.0	2992.0	* 5	10501283	0.	.0	2992.0	* 7	18251950	0.	.0	2992.0	
3	0320	617	0.	.0	2992.0	* 5	10551284	0.	.0	2992.0	* 7	18301951	0.	.0	2992.0	
3	0325	618	0.	.0	2992.0	* 5	11001285	0.	.0	2992.0	* 7	18351952	0.	.0	2992.0	
3	0330	619	0.	.0	2992.0	* 5	11051286	0.	.0	2992.0	* 7	18401953	0.	.0	2992.0	
3	0335	620	0.	.0	2992.0	* 5	11101287	0.	.0	2992.0	* 7	18451954	0.	.0	2992.0	
3	0340	621	0.	.0	2992.0	* 5	11151288	0.	.0	2992.0	* 7	18501955	0.	.0	2992.0	
3	0345	622	0.	.0	2992.0	* 5	11201289	0.	.0	2992.0	* 7	18551956	0.	.0	2992.0	
3	0350	623	0.	.0	2992.0	* 5	11251290	0.	.0	2992.0	* 7	19001957	0.	.0	2992.0	
3	0355	624	0.	.0	2992.0	* 5	11301291	0.	.0	2992.0	* 7	19051958	0.	.0	2992.0	
3	0400	625	0.	.0	2992.0	* 5	11351292	0.	.0	2992.0	* 7	19101959	0.	.0	2992.0	
3	0405	626	0.	.0	2992.0	* 5	11401293	0.	.0	2992.0	* 7	19151960	0.	.0	2992.0	
3	0410	627	0.	.0	2992.0	* 5	11451294	0.	.0	2992.0	* 7	19201961	0.	.0	2992.0	
3	0415	628	0.	.0	2992.0	* 5	11501295	0.	.0	2992.0	* 7	19251962	0.	.0	2992.0	
3	0420	629	0.	.0	2992.0	* 5	11551296	0.	.0	2992.0	* 7	19301963	0.	.0	2992.0	
3	0425	630	0.	.0	2992.0	* 5	12001297	0.	.0	2992.0	* 7	19351964	0.	.0	2992.0	
3	0430	631	0.	.0	2992.0	* 5	12051298	0.	.0	2992.0	* 7	19401965	0.	.0	2992.0	
3	0435	632	0.	.0	2992.0	* 5	12101299	0.	.0	2992.0	* 7	19451966	0.	.0	2992.0	
3	0440	633	0.	.0	2992.0	* 5	12151300	0.	.0	2992.0	* 7	19501967	0.	.0	2992.0	
3	0445	634	0.	.0	2992.0	* 5	12201301	0.	.0	2992.0	* 7	19551968	0.	.0	2992.0	
3	0450	635	0.	.0	2992.0	* 5	12251302	0.	.0	2992.0	* 7	20001969	0.	.0	2992.0	
3	0455	636	0.	.0	2992.0	* 5	12301303	0.	.0	2992.0	* 7	20051970	0.	.0	2992.0	
3	0500	637	0.	.0	2992.0	* 5	12351304	0.	.0	2992.0	* 7	20101971	0.	.0	2992.0	
3	0505	638	0.	.0	2992.0	* 5	12401305	0.	.0	2992.0	* 7	20151972	0.	.0	2992.0	
3	0510	639	0.	.0	2992.0	* 5	12451306	0.	.0	2992.0	* 7	20201973	0.	.0	2992.0	
3	0515	640	0.	.0	2992.0	* 5	12501307	0.	.0	2992.0	* 7	20251974	0.	.0	2992.0	
3	0520	641	0.	.0	2992.0	* 5	12551308	0.	.0	2992.0	* 7	20301975	0.	.0	2992.0	
3	0525	642	0.	.0	2992.0	* 5	13001309	0.	.0	2992.0	* 7	20351976	0.	.0	2992.0	
3	0530	643	0.	.0	2992.0	* 5	13051310	0.	.0	2992.0	* 7	20401977	0.	.0	2992.0	
3	0535	644	0.	.0	2992.0	* 5	13101311	0.	.0	2992.0	* 7	20451978	0.	.0	2992.0	
3	0540	645	0.	.0	2992.0	* 5	13151312	0.	.0	2992.0	* 7	20501979	0.	.0	2992.0	
3	0545	646	0.	.0	2992.0	* 5	13201313	0.	.0	2992.0	* 7	20551980	0.	.0	2992.0	
3	0550	647	0.	.0	2992.0	* 5	13251314	0.	.0	2992.0	* 7	21001981	0.	.0	2992.0	
3	0555	648	0.	.0	2992.0	* 5	13301315	0.	.0	2992.0	* 7	21051982	0.	.0	2992.0	
3	0600	649	0.	.0	2992.0	* 5	13351316	0.	.0	2992.0	* 7	21101983	0.	.0	2992.0	
3	0605	650	0.	.0	2992.0	* 5	13401317	0.	.0	2992.0	* 7	21151984	0.	.0	2992.0	
3	0610	651	0.	.0	2992.0	* 5	13451318	0.	.0	2992.0	* 7	21201985	0.	.0	2992.0	
3	0615	652	0.	.0	2992.0	* 5	13501319	0.	.0	2992.0	* 7	21251986	0.	.0	2992.0	
3	0620	653	0.	.0	2992.0	* 5	13551320	0.	.0	2992.0	* 7	21301987	0.	.0	2992.0	
3	0625	654	0.	.0	2992.0	* 5	14001321	0.	.0	2992.0	* 7	21351988	0.	.0	2992.0	
3	0630	655	0.	.0	2992.0	* 5	14051322	0.	.0	2992.0	* 7	21401989	0.	.0	2992.0	
3	0635	656	0.	.0	2992.0	* 5	14101323	0.	.0	2992.0	* 7	21451990	0.	.0	2992.0	
3	0640	657	0.	.0	2992.0	* 5	14151324	0.	.0	2992.0	* 7	21501991	0.	.0	2992.0	
3	0645	658	0.	.0	2992.0	* 5	14201325	0.	.0	2992.0	* 7	21551992	0.	.0	2992.0	
3	0650	659	0.	.0	2992.0	* 5	14251326	0.	.0	2992.0	* 7	22001993	0.	.0	2992.0	
3	0655	660	0.	.0	2992.0	* 5	14301327	0.	.0	2992.0	* 7	22051994	0.	.0	2992.0	
3	0700	661	0.	.0	2992.0	* 5	14351328	0.	.0	2992.0	* 7	22101995	0.	.0	2992.0	
3	0705	662	0.	.0	2992.0	* 5	14401329	0.	.0	2992.0	* 7	22151996	0.	.0	2992.0	
3	0710	663	0.	.0	2992.0	* 5	14451330	0.	.0	2992.0	* 7	22201997	0.	.0	2992.0	
3	0715	664	0.	.0	2992.0	* 5	14501331	0.	.0	2992.0	* 7	22251998	0.	.0	2992.0	
3	0720	665	0.	.0	2992.0	* 5	14551332	0.	.0	2992.0	* 7	22301999	0.	.0	2992.0	
3	0725	666	0.	.0	2992.0	* 5	15001333	0.	.0	2992.0	* 7	22352000	0.	.0	2992.0	
3	0730	667	0.	.0	2992.0	* 5	15051334	0.	.0	2992.0	*					
						*					*					

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)					
		(CFS)				
+ 68.	5.25		63.	24.	8.	3.
		(INCHES)	1.035	1.544	1.544	1.544
		(AC-FT)	31.	47.	47.	47.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
32.	5.25	23.	7.	2.	1.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
3001.75	5.25	2999.55	2994.22	2992.74	2992.32

CUMULATIVE AREA = .57 SQ MI

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HYDROGRAPH AT STATION RDB2
PLAN 1, RATIO = .91

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	0.	.0	2992.0	3	0735		668	0.	.0	2992.0	5	15101335			0.	.0	2992.0
1	0005		2	0.	.0	2992.0	3	0740		669	0.	.0	2992.0	5	15151336			0.	.0	2992.0
1	0010		3	0.	.0	2992.0	3	0745		670	0.	.0	2992.0	5	15201337			0.	.0	2992.0
1	0015		4	0.	.0	2992.0	3	0750		671	0.	.0	2992.0	5	15251338			0.	.0	2992.0
1	0020		5	0.	.0	2992.0	3	0755		672	0.	.0	2992.0	5	15301339			0.	.0	2992.0
1	0025		6	0.	.0	2992.0	3	0800		673	0.	.0	2992.0	5	15351340			0.	.0	2992.0
1	0030		7	1.	.0	2992.0	3	0805		674	0.	.0	2992.0	5	15401341			0.	.0	2992.0
1	0035		8	1.	.0	2992.0	3	0810		675	0.	.0	2992.0	5	15451342			0.	.0	2992.0
1	0040		9	1.	.1	2992.0	3	0815		676	0.	.0	2992.0	5	15501343			0.	.0	2992.0
1	0045		10	1.	.1	2992.0	3	0820		677	0.	.0	2992.0	5	15551344			0.	.0	2992.0
1	0050		11	1.	.1	2992.0	3	0825		678	0.	.0	2992.0	5	16001345			0.	.0	2992.0
1	0055		12	1.	.1	2992.0	3	0830		679	0.	.0	2992.0	5	16051346			0.	.0	2992.0
1	0100		13	1.	.1	2992.0	3	0835		680	0.	.0	2992.0	5	16101347			0.	.0	2992.0
1	0105		14	1.	.1	2992.0	3	0840		681	0.	.0	2992.0	5	16151348			0.	.0	2992.0
1	0110		15	1.	.1	2992.0	3	0845		682	0.	.0	2992.0	5	16201349			0.	.0	2992.0
1	0115		16	1.	.1	2992.0	3	0850		683	0.	.0	2992.0	5	16251350			0.	.0	2992.0
1	0120		17	1.	.1	2992.0	3	0855		684	0.	.0	2992.0	5	16301351			0.	.0	2992.0
1	0125		18	2.	.1	2992.0	3	0900		685	0.	.0	2992.0	5	16351352			0.	.0	2992.0
1	0130		19	2.	.1	2992.1	3	0905		686	0.	.0	2992.0	5	16401353			0.	.0	2992.0
1	0135		20	3.	.2	2992.1	3	0910		687	0.	.0	2992.0	5	16451354			0.	.0	2992.0
1	0140		21	5.	.3	2992.1	3	0915		688	0.	.0	2992.0	5	16501355			0.	.0	2992.0
1	0145		22	7.	.3	2992.1	3	0920		689	0.	.0	2992.0	5	16551356			0.	.0	2992.0
1	0150		23	8.	.4	2992.2	3	0925		690	0.	.0	2992.0	5	17001357			0.	.0	2992.0
1	0155		24	9.	.5	2992.2	3	0930		691	0.	.0	2992.0	5	17051358			0.	.0	2992.0
1	0200		25	10.	.5	2992.2	3	0935		692	0.	.0	2992.0	5	17101359			0.	.0	2992.0
1	0205		26	10.	.5	2992.2	3	0940		693	0.	.0	2992.0	5	17151360			0.	.0	2992.0
1	0210		27	10.	.5	2992.2	3	0945		694	0.	.0	2992.0	5	17201361			0.	.0	2992.0
1	0215		28	11.	.6	2992.2	3	0950		695	0.	.0	2992.0	5	17251362			0.	.0	2992.0
1	0220		29	12.	.6	2992.3	3	0955		696	0.	.0	2992.0	5	17301363			0.	.0	2992.0
1	0225		30	14.	.7	2992.3	3	1000		697	0.	.0	2992.0	5	17351364			0.	.0	2992.0
1	0230		31	16.	.8	2992.4	3	1005		698	0.	.0	2992.0	5	17401365			0.	.0	2992.0
1	0235		32	18.	1.0	2992.4	3	1010		699	0.	.0	2992.0	5	17451366			0.	.0	2992.0
1	0240		33	20.	1.0	2992.4	3	1015		700	0.	.0	2992.0	5	17501367			0.	.0	2992.0
1	0245		34	21.	1.1	2992.5	3	1020		701	0.	.0	2992.0	5	17551368			0.	.0	2992.0
1	0250		35	23.	1.2	2992.5	3	1025		702	0.	.0	2992.0	5	18001369			0.	.0	2992.0
1	0255		36	24.	1.3	2992.5	3	1030		703	0.	.0	2992.0	5	18051370			0.	.0	2992.0
1	0300		37	25.	1.3	2992.6	3	1035		704	0.	.0	2992.0	5	18101371			0.	.0	2992.0
1	0305		38	26.	1.4	2992.6	3	1040		705	0.	.0	2992.0	5	18151372			0.	.0	2992.0
1	0310		39	29.	1.5	2992.7	3	1045		706	0.	.0	2992.0	5	18201373			0.	.0	2992.0
1	0315		40	36.	1.9	2992.8	3	1050		707	0.	.0	2992.0	5	18251374			0.	.0	2992.0
1	0320		41	45.	2.6	2993.1	3	1055		708	0.	.0	2992.0	5	18301375			0.	.0	2992.0
1	0325		42	46.	3.9	2993.6	3	1100		709	0.	.0	2992.0	5	18351376			0.	.0	2992.0
1	0330		43	49.	6.2	2994.5	3	1105		710	0.	.0	2992.0	5	18401377			0.	.0	2992.0
1	0335		44	52.	9.4	2995.5	3	1110		711	0.	.0	2992.0	5	18451378			0.	.0	2992.0
1	0340		45	55.	13.0	2996.6	3	1115		712	0.	.0	2992.0	5	18501379			0.	.0	2992.0
1	0345		46	58.	16.5	2997.7	3	1120		713	0.	.0	2992.0	5	18551380			0.	.0	2992.0
1	0350		47	61.	19.6	2998.6	3	1125		714	0.	.0	2992.0	5	19001381			0.	.0	2992.0
1	0355		48	63.	21.9	2999.3	3	1130		715	0.	.0	2992.0	5	19051382			0.	.0	2992.0
1	0400		49	64.	23.7	2999.8	3	1135		716	0.	.0	2992.0	5	19101383			0.	.0	2992.0
1	0405		50	65.	25.0	3000.2	3	1140		717	0.	.0	2992.0	5	19151384			0.	.0	2992.0
1	0410		51	65.	25.9	3000.4	3	1145		718	0.	.0	2992.0	5	19201385			0.	.0	2992.0
1	0415		52	66.	26.5	3000.5	3	1150		719	0.	.0	2992.0	5	19251386			0.	.0	2992.0
1	0420		53	66.	26.9	3000.6	3	1155		720	0.	.0	2992.0	5	19301387			0.	.0	2992.0
1	0425		54	66.	27.1	3000.6	3	1200		721	0.	.0	2992.0	5	19351388			0.	.0	2992.0
1	0430		55	66.	27.3	3000.7	3	1205		722	0.	.0	2992.0	5	19401389			0.	.0	2992.0
1	0435		56	66.	27.6	3000.8	3	1210		723	0.	.0	2992.0	5	19451390			0.	.0	2992.0
1	0440		57	67.	28.1	3000.9	3	1215		724	0.	.0	2992.0	5	19501391			0.	.0	2992.0
1	0445		58	67.	28.6	3001.0	3	1220		725	0.	.0	2992.0	5	19551392			0.	.0	2992.0
1	0450		59	67.	29.1	3001.1	3	1225		726	0.	.0	2992.0	5	20001393			0.	.0	2992.0
1	0455		60	67.	29.6	3001.2	3	1230		727	0.	.0	2992.0	5	20051394			0.	.0	2992.0
1	0500		61	67.	30.1	3001.3	3	1235		728	0.	.0	2992.0	5	20101395			0.	.0	2992.0
1	0505		62	68.	30.4	3001.4	3	1240		729	0.	.0	2992.0	5	20151396			0.	.0	2992.0
1	0510		63	68.	30.7	3001.4	3	1245		730	0.	.0	2992.0	5	20201397			0.	.0	2992.0
1	0515		64	68.	30.7	3001.5	3	1250		731	0.	.0	2992.0	5	20251398			0.	.0	2992.0
1	0520		65	68.	30.7	3001.4	3	1255		732	0.	.0	2992.0	5	20301399			0.	.0	2992.0
1	0525		66	68.	30.5	3001.4	3	1300		733	0.	.0	2992.0	5	20351400			0.	.0	2992.0
1	0530		67	68.	30.2	3001.4	3	1305		734	0.	.0	2992.0	5	20401401			0.	.0	2992.0
1	0535		68	67.	30.0	3001.3	3	1310		735	0.	.0	2992.0	5	20451402			0.	.0	2992.0
1	0540		69	67.	29.6	3001.2	3	1315		736	0.	.0	2992.0	5	20501403			0.	.0	2992.0
1	0545		70	67.	29.3	3001.1	3	1320		737	0.	.0	2992.0	5	20551404			0.	.0	2992.0
1	0550		71	67.	28.9	3001.1	3	1325		738	0.	.0	2992.0	5	21001405			0.	.0	2992.0
1	0555		72	67.	28.6	3001.0	3	1330		739	0.	.0	2992.0	5	21051406			0.	.0	2992.0
1	0600		73	67.	28.2	3000.9	3	1335		740	0.	.0	2992.0	5	21101407			0.	.0	2992.0
1	0605		74	66.	27.8	3000.8	3	1340		741	0.	.0	2992.0	5	21151408			0.	.0	2992.0
1	0610		75	66.	27.5	3000.7	3	1345		742	0.	.0	2992.0	5	21201409			0.	.0	2992.0
1	0615		76	66.	27.1	3000.6	3	1350		743	0.	.0	2992.0	5	21251410			0.	.0	2992.0
1	0620		77	66.	26.6	3000.5	3	1355		744	0.	.0	2992.0	5	21301411			0.	.0	2992.0
1	0625		78	66.	26.2	3000.4	3	1400		745	0.	.0	2992.0	5	21351412			0.	.0	2992.0
1	0630		79	65.	25.8	3000.3	3	1405		746	0.	.0	2992.0	5	21401413			0.	.0	2992.0
1	0635		80	65.	25.3	3000.2	3	1410		747	0.	.0	2992.0	5	21451414			0.	.0	2992.0
1	0640		81	65.	24.9	3000.1	3	1415		748	0.	.0	2992.0	5	21501415			0.	.0	2992.0
1	0645		82	65.	24.4	3000.0	3	1420		749	0.	.0	2992.0	5	21551416			0.	.0	2992.0
1	0650		83	64.	24.0	2999.9	3	1425		750	0.	.0	2992.0	5	22001417			0.	.0	2992.0
1	0655		84	64.	23.5	2999.8	3	1430		751	0.	.0	2992.0	5	22051418			0.	.0	2992.0

															ULT				
1	0700	85	64.	23.1	2999.6	*	3	1435	752	0.	.0	2992.0	*	5	22101419	0.	.0	2992.0	
1	0705	86	63.	22.7	2999.5	*	3	1440	753	0.	.0	2992.0	*	5	22151420	0.	.0	2992.0	
1	0710	87	63.	22.2	2999.4	*	3	1445	754	0.	.0	2992.0	*	5	22201421	0.	.0	2992.0	
1	0715	88	63.	21.8	2999.3	*	3	1450	755	0.	.0	2992.0	*	5	22251422	0.	.0	2992.0	
1	0720	89	62.	21.4	2999.1	*	3	1455	756	0.	.0	2992.0	*	5	22301423	0.	.0	2992.0	
1	0725	90	62.	20.9	2999.0	*	3	1500	757	0.	.0	2992.0	*	5	22351424	0.	.0	2992.0	
1	0730	91	62.	20.5	2998.9	*	3	1505	758	0.	.0	2992.0	*	5	22401425	0.	.0	2992.0	
1	0735	92	61.	20.1	2998.7	*	3	1510	759	0.	.0	2992.0	*	5	22451426	0.	.0	2992.0	
1	0740	93	61.	19.7	2998.6	*	3	1515	760	0.	.0	2992.0	*	5	22501427	0.	.0	2992.0	
1	0745	94	61.	19.3	2998.5	*	3	1520	761	0.	.0	2992.0	*	5	22551428	0.	.0	2992.0	
1	0750	95	60.	18.8	2998.4	*	3	1525	762	0.	.0	2992.0	*	5	23001429	0.	.0	2992.0	
1	0755	96	60.	18.4	2998.2	*	3	1530	763	0.	.0	2992.0	*	5	23051430	0.	.0	2992.0	
1	0800	97	60.	18.0	2998.1	*	3	1535	764	0.	.0	2992.0	*	5	23101431	0.	.0	2992.0	
1	0805	98	59.	17.6	2998.0	*	3	1540	765	0.	.0	2992.0	*	5	23151432	0.	.0	2992.0	
1	0810	99	59.	17.2	2997.9	*	3	1545	766	0.	.0	2992.0	*	5	23201433	0.	.0	2992.0	
1	0815	100	59.	16.8	2997.8	*	3	1550	767	0.	.0	2992.0	*	5	23251434	0.	.0	2992.0	
1	0820	101	58.	16.4	2997.6	*	3	1555	768	0.	.0	2992.0	*	5	23301435	0.	.0	2992.0	
1	0825	102	58.	16.0	2997.5	*	3	1600	769	0.	.0	2992.0	*	5	23351436	0.	.0	2992.0	
1	0830	103	58.	15.6	2997.4	*	3	1605	770	0.	.0	2992.0	*	5	23401437	0.	.0	2992.0	
1	0835	104	57.	15.2	2997.3	*	3	1610	771	0.	.0	2992.0	*	5	23451438	0.	.0	2992.0	
1	0840	105	57.	14.8	2997.2	*	3	1615	772	0.	.0	2992.0	*	5	23501439	0.	.0	2992.0	
1	0845	106	57.	14.4	2997.0	*	3	1620	773	0.	.0	2992.0	*	5	23551440	0.	.0	2992.0	
1	0850	107	56.	14.0	2996.9	*	3	1625	774	0.	.0	2992.0	*	6	00001441	0.	.0	2992.0	
1	0855	108	56.	13.6	2996.8	*	3	1630	775	0.	.0	2992.0	*	6	00051442	0.	.0	2992.0	
1	0900	109	56.	13.3	2996.7	*	3	1635	776	0.	.0	2992.0	*	6	00101443	0.	.0	2992.0	
1	0905	110	55.	12.9	2996.6	*	3	1640	777	0.	.0	2992.0	*	6	00151444	0.	.0	2992.0	
1	0910	111	55.	12.5	2996.5	*	3	1645	778	0.	.0	2992.0	*	6	00201445	0.	.0	2992.0	
1	0915	112	55.	12.1	2996.4	*	3	1650	779	0.	.0	2992.0	*	6	00251446	0.	.0	2992.0	
1	0920	113	54.	11.7	2996.2	*	3	1655	780	0.	.0	2992.0	*	6	00301447	0.	.0	2992.0	
1	0925	114	54.	11.4	2996.1	*	3	1700	781	0.	.0	2992.0	*	6	00351448	0.	.0	2992.0	
1	0930	115	54.	11.0	2996.0	*	3	1705	782	0.	.0	2992.0	*	6	00401449	0.	.0	2992.0	
1	0935	116	54.	10.6	2995.9	*	3	1710	783	0.	.0	2992.0	*	6	00451450	0.	.0	2992.0	
1	0940	117	53.	10.3	2995.8	*	3	1715	784	0.	.0	2992.0	*	6	00501451	0.	.0	2992.0	
1	0945	118	53.	9.9	2995.7	*	3	1720	785	0.	.0	2992.0	*	6	00551452	0.	.0	2992.0	
1	0950	119	53.	9.5	2995.6	*	3	1725	786	0.	.0	2992.0	*	6	01001453	0.	.0	2992.0	
1	0955	120	52.	9.2	2995.5	*	3	1730	787	0.	.0	2992.0	*	6	01051454	0.	.0	2992.0	
1	1000	121	52.	8.8	2995.4	*	3	1735	788	0.	.0	2992.0	*	6	01101455	0.	.0	2992.0	
1	1005	122	52.	8.4	2995.3	*	3	1740	789	0.	.0	2992.0	*	6	01151456	0.	.0	2992.0	
1	1010	123	51.	8.1	2995.1	*	3	1745	790	0.	.0	2992.0	*	6	01201457	0.	.0	2992.0	
1	1015	124	51.	7.7	2995.0	*	3	1750	791	0.	.0	2992.0	*	6	01251458	0.	.0	2992.0	
1	1020	125	51.	7.4	2994.9	*	3	1755	792	0.	.0	2992.0	*	6	01301459	0.	.0	2992.0	
1	1025	126	50.	7.0	2994.8	*	3	1800	793	0.	.0	2992.0	*	6	01351460	0.	.0	2992.0	
1	1030	127	50.	6.7	2994.7	*	3	1805	794	0.	.0	2992.0	*	6	01401461	0.	.0	2992.0	
1	1035	128	49.	6.4	2994.5	*	3	1810	795	0.	.0	2992.0	*	6	01451462	0.	.0	2992.0	
1	1040	129	49.	6.0	2994.4	*	3	1815	796	0.	.0	2992.0	*	6	01501463	0.	.0	2992.0	
1	1045	130	49.	5.7	2994.3	*	3	1820	797	0.	.0	2992.0	*	6	01551464	0.	.0	2992.0	
1	1050	131	48.	5.3	2994.1	*	3	1825	798	0.	.0	2992.0	*	6	02001465	0.	.0	2992.0	
1	1055	132	48.	5.0	2994.0	*	3	1830	799	0.	.0	2992.0	*	6	02051466	0.	.0	2992.0	
1	1100	133	47.	4.7	2993.9	*	3	1835	800	0.	.0	2992.0	*	6	02101467	0.	.0	2992.0	
1	1105	134	47.	4.4	2993.8	*	3	1840	801	0.	.0	2992.0	*	6	02151468	0.	.0	2992.0	
1	1110	135	47.	4.0	2993.6	*	3	1845	802	0.	.0	2992.0	*	6	02201469	0.	.0	2992.0	
1	1115	136	46.	3.7	2993.5	*	3	1850	803	0.	.0	2992.0	*	6	02251470	0.	.0	2992.0	
1	1120	137	46.	3.4	2993.4	*	3	1855	804	0.	.0	2992.0	*	6	02301471	0.	.0	2992.0	
1	1125	138	45.	3.1	2993.3	*	3	1900	805	0.	.0	2992.0	*	6	02351472	0.	.0	2992.0	
1	1130	139	45.	2.8	2993.2	*	3	1905	806	0.	.0	2992.0	*	6	02401473	0.	.0	2992.0	
1	1135	140	45.	2.5	2993.0	*	3	1910	807	0.	.0	2992.0	*	6	02451474	0.	.0	2992.0	
1	1140	141	41.	2.2	2992.9	*	3	1915	808	0.	.0	2992.0	*	6	02501475	0.	.0	2992.0	
1	1145	142	36.	1.9	2992.8	*	3	1920	809	0.	.0	2992.0	*	6	02551476	0.	.0	2992.0	
1	1150	143	32.	1.7	2992.7	*	3	1925	810	0.	.0	2992.0	*	6	03001477	0.	.0	2992.0	
1	1155	144	28.	1.5	2992.6	*	3	1930	811	0.	.0	2992.0	*	6	03051478	0.	.0	2992.0	
1	1200	145	24.	1.3	2992.5	*	3	1935	812	0.	.0	2992.0	*	6	03101479	0.	.0	2992.0	
1	1205	146	21.	1.1	2992.5	*	3	1940	813	0.	.0	2992.0	*	6	03151480	0.	.0	2992.0	
1	1210	147	19.	1.0	2992.4	*	3	1945	814	0.	.0	2992.0	*	6	03201481	0.	.0	2992.0	
1	1215	148	16.	.9	2992.4	*	3	1950	815	0.	.0	2992.0	*	6	03251482	0.	.0	2992.0	
1	1220	149	14.	.8	2992.3	*	3	1955	816	0.	.0	2992.0	*	6	03301483	0.	.0	2992.0	
1	1225	150	13.	.7	2992.3	*	3	2000	817	0.	.0	2992.0	*	6	03351484	0.	.0	2992.0	
1	1230	151	11.	.6	2992.3	*	3	2005	818	0.	.0	2992.0	*	6	03401485	0.	.0	2992.0	
1	1235	152	10.	.5	2992.2	*	3	2010	819	0.	.0	2992.0	*	6	03451486	0.	.0	2992.0	
1	1240	153	9.	.5	2992.2	*	3	2015	820	0.	.0	2992.0	*	6	03501487	0.	.0	2992.0	
1	1245	154	8.	.4	2992.2	*	3	2020	821	0.	.0	2992.0	*	6	03551488	0.	.0	2992.0	
1	1250	155	7.	.3	2992.1	*	3	2025	822	0.	.0	2992.0	*	6	04001489	0.	.0	2992.0	
1	1255	156	6.	.3	2992.1	*	3	2030	823	0.	.0	2992.0	*	6	04051490	0.	.0	2992.0	
1	1300	157	5.	.3	2992.1	*	3	2035	824	0.	.0	2992.0	*	6	04101491	0.	.0	2992.0	
1	1305	158	4.	.2	2992.1	*	3	2040	825	0.	.0	2992.0	*	6	04151492	0.	.0	2992.0	
1	1310	159	4.	.2	2992.1	*	3	2045	826	0.	.0	2992.0	*	6	04201493	0.	.0	2992.0	
1	1315	160	3.	.2	2992.1	*	3	2050	827	0.	.0	2992.0	*	6	04251494	0.	.0	2992.0	
1	1320	161	3.	.2	2992.1	*	3	2055	828	0.	.0	2992.0	*	6	04301495	0.	.0	2992.0	
1	1325	162	3.	.1	2992.1	*	3	2100	829	0.	.0	2992.0	*	6	04351496	0.	.0	2992.0	
1	1330	163	2.	.1	2992.1	*	3	2105	830	0.	.0	2992.0	*	6	04401497	0.	.0	2992.0	
1	1335	164	2.	.1	2992.0	*	3	2110	831	0.	.0	2992.0	*	6	04451498	0.	.0	2992.0	
1	1340	165	2.	.1	2992.0	*	3	2115	832	0.	.0	2992.0	*	6	04501499	0.	.0	2992.0	
1	1345	166	2.	.1	2992.0	*	3	2120	833	0.	.0	2992.0	*	6	04551500	0.	.0	2992.0	
1	1350	167	1.	.1	2992.0	*	3	2125	834	0.	.0	2992.0	*	6	05001501	0.	.0	2992.0	
1	1355	168	1.	.1	2992.0	*	3	2130	835	0.	.0	2992.0	*	6	05051502	0.	.0	2992.0	
1	1400	169	1.	.1	2992.0	*	3	2135	836	0.	.0	2992.0	*	6	05101503	0.	.0	2992.0	
1	1405	170	1.	.0	2992.0	*	3	2140	837	0.	.0	2992.0	*	6	05151504	0.	.0	2992.0	
1	1410	171	1.	.0	2992.0	*	3	2145	838	0.	.0	2992.0	*	6	05201505	0.	.0	2992.0	
1	1415	172	1.	.0	2992.0	*	3	2150	839	0.	.0	2992.0	*	6	05251506	0.	.0	2992.0	
1	1420	173	1.	.0	2992.0	*	3	2155	840	0.	.0	2992.0	*	6	05301507	0.	.0	2992.0	

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1	1425	174	1.	.0	2992.0	*	3	2200	841	0.	.0	2992.0	*	6	05351508	0.	.0	2992.0
1	1430	175	0.	.0	2992.0	*	3	2205	842	0.	.0	2992.0	*	6	05401509	0.	.0	2992.0
1	1435	176	0.	.0	2992.0	*	3	2210	843	0.	.0	2992.0	*	6	05451510	0.	.0	2992.0
1	1440	177	0.	.0	2992.0	*	3	2215	844	0.	.0	2992.0	*	6	05501511	0.	.0	2992.0
1	1445	178	0.	.0	2992.0	*	3	2220	845	0.	.0	2992.0	*	6	05551512	0.	.0	2992.0
1	1450	179	0.	.0	2992.0	*	3	2225	846	0.	.0	2992.0	*	6	06001513	0.	.0	2992.0
1	1455	180	0.	.0	2992.0	*	3	2230	847	0.	.0	2992.0	*	6	06051514	0.	.0	2992.0
1	1500	181	0.	.0	2992.0	*	3	2235	848	0.	.0	2992.0	*	6	06101515	0.	.0	2992.0
1	1505	182	0.	.0	2992.0	*	3	2240	849	0.	.0	2992.0	*	6	06151516	0.	.0	2992.0
1	1510	183	0.	.0	2992.0	*	3	2245	850	0.	.0	2992.0	*	6	06201517	0.	.0	2992.0
1	1515	184	0.	.0	2992.0	*	3	2250	851	0.	.0	2992.0	*	6	06251518	0.	.0	2992.0
1	1520	185	0.	.0	2992.0	*	3	2255	852	0.	.0	2992.0	*	6	06301519	0.	.0	2992.0
1	1525	186	0.	.0	2992.0	*	3	2300	853	0.	.0	2992.0	*	6	06351520	0.	.0	2992.0
1	1530	187	0.	.0	2992.0	*	3	2305	854	0.	.0	2992.0	*	6	06401521	0.	.0	2992.0
1	1535	188	0.	.0	2992.0	*	3	2310	855	0.	.0	2992.0	*	6	06451522	0.	.0	2992.0
1	1540	189	0.	.0	2992.0	*	3	2315	856	0.	.0	2992.0	*	6	06501523	0.	.0	2992.0
1	1545	190	0.	.0	2992.0	*	3	2320	857	0.	.0	2992.0	*	6	06551524	0.	.0	2992.0
1	1550	191	0.	.0	2992.0	*	3	2325	858	0.	.0	2992.0	*	6	07001525	0.	.0	2992.0
1	1555	192	0.	.0	2992.0	*	3	2330	859	0.	.0	2992.0	*	6	07051526	0.	.0	2992.0
1	1600	193	0.	.0	2992.0	*	3	2335	860	0.	.0	2992.0	*	6	07101527	0.	.0	2992.0
1	1605	194	0.	.0	2992.0	*	3	2340	861	0.	.0	2992.0	*	6	07151528	0.	.0	2992.0
1	1610	195	0.	.0	2992.0	*	3	2345	862	0.	.0	2992.0	*	6	07201529	0.	.0	2992.0
1	1615	196	0.	.0	2992.0	*	3	2350	863	0.	.0	2992.0	*	6	07251530	0.	.0	2992.0
1	1620	197	0.	.0	2992.0	*	3	2355	864	0.	.0	2992.0	*	6	07301531	0.	.0	2992.0
1	1625	198	0.	.0	2992.0	*	4	0000	865	0.	.0	2992.0	*	6	07351532	0.	.0	2992.0
1	1630	199	0.	.0	2992.0	*	4	0005	866	0.	.0	2992.0	*	6	07401533	0.	.0	2992.0
1	1635	200	0.	.0	2992.0	*	4	0010	867	0.	.0	2992.0	*	6	07451534	0.	.0	2992.0
1	1640	201	0.	.0	2992.0	*	4	0015	868	0.	.0	2992.0	*	6	07501535	0.	.0	2992.0
1	1645	202	0.	.0	2992.0	*	4	0020	869	0.	.0	2992.0	*	6	07551536	0.	.0	2992.0
1	1650	203	0.	.0	2992.0	*	4	0025	870	0.	.0	2992.0	*	6	08001537	0.	.0	2992.0
1	1655	204	0.	.0	2992.0	*	4	0030	871	0.	.0	2992.0	*	6	08051538	0.	.0	2992.0
1	1700	205	0.	.0	2992.0	*	4	0035	872	0.	.0	2992.0	*	6	08101539	0.	.0	2992.0
1	1705	206	0.	.0	2992.0	*	4	0040	873	0.	.0	2992.0	*	6	08151540	0.	.0	2992.0
1	1710	207	0.	.0	2992.0	*	4	0045	874	0.	.0	2992.0	*	6	08201541	0.	.0	2992.0
1	1715	208	0.	.0	2992.0	*	4	0050	875	0.	.0	2992.0	*	6	08251542	0.	.0	2992.0
1	1720	209	0.	.0	2992.0	*	4	0055	876	0.	.0	2992.0	*	6	08301543	0.	.0	2992.0
1	1725	210	0.	.0	2992.0	*	4	0100	877	0.	.0	2992.0	*	6	08351544	0.	.0	2992.0
1	1730	211	0.	.0	2992.0	*	4	0105	878	0.	.0	2992.0	*	6	08401545	0.	.0	2992.0
1	1735	212	0.	.0	2992.0	*	4	0110	879	0.	.0	2992.0	*	6	08451546	0.	.0	2992.0
1	1740	213	0.	.0	2992.0	*	4	0115	880	0.	.0	2992.0	*	6	08501547	0.	.0	2992.0
1	1745	214	0.	.0	2992.0	*	4	0120	881	0.	.0	2992.0	*	6	08551548	0.	.0	2992.0
1	1750	215	0.	.0	2992.0	*	4	0125	882	0.	.0	2992.0	*	6	09001549	0.	.0	2992.0
1	1755	216	0.	.0	2992.0	*	4	0130	883	0.	.0	2992.0	*	6	09051550	0.	.0	2992.0
1	1800	217	0.	.0	2992.0	*	4	0135	884	0.	.0	2992.0	*	6	09101551	0.	.0	2992.0
1	1805	218	0.	.0	2992.0	*	4	0140	885	0.	.0	2992.0	*	6	09151552	0.	.0	2992.0
1	1810	219	0.	.0	2992.0	*	4	0145	886	0.	.0	2992.0	*	6	09201553	0.	.0	2992.0
1	1815	220	0.	.0	2992.0	*	4	0150	887	0.	.0	2992.0	*	6	09251554	0.	.0	2992.0
1	1820	221	0.	.0	2992.0	*	4	0155	888	0.	.0	2992.0	*	6	09301555	0.	.0	2992.0
1	1825	222	0.	.0	2992.0	*	4	0200	889	0.	.0	2992.0	*	6	09351556	0.	.0	2992.0
1	1830	223	0.	.0	2992.0	*	4	0205	890	0.	.0	2992.0	*	6	09401557	0.	.0	2992.0
1	1835	224	0.	.0	2992.0	*	4	0210	891	0.	.0	2992.0	*	6	09451558	0.	.0	2992.0
1	1840	225	0.	.0	2992.0	*	4	0215	892	0.	.0	2992.0	*	6	09501559	0.	.0	2992.0
1	1845	226	0.	.0	2992.0	*	4	0220	893	0.	.0	2992.0	*	6	09551560	0.	.0	2992.0
1	1850	227	0.	.0	2992.0	*	4	0225	894	0.	.0	2992.0	*	6	10001561	0.	.0	2992.0
1	1855	228	0.	.0	2992.0	*	4	0230	895	0.	.0	2992.0	*	6	10051562	0.	.0	2992.0
1	1900	229	0.	.0	2992.0	*	4	0235	896	0.	.0	2992.0	*	6	10101563	0.	.0	2992.0
1	1905	230	0.	.0	2992.0	*	4	0240	897	0.	.0	2992.0	*	6	10151564	0.	.0	2992.0
1	1910	231	0.	.0	2992.0	*	4	0245	898	0.	.0	2992.0	*	6	10201565	0.	.0	2992.0
1	1915	232	0.	.0	2992.0	*	4	0250	899	0.	.0	2992.0	*	6	10251566	0.	.0	2992.0
1	1920	233	0.	.0	2992.0	*	4	0255	900	0.	.0	2992.0	*	6	10301567	0.	.0	2992.0
1	1925	234	0.	.0	2992.0	*	4	0300	901	0.	.0	2992.0	*	6	10351568	0.	.0	2992.0
1	1930	235	0.	.0	2992.0	*	4	0305	902	0.	.0	2992.0	*	6	10401569	0.	.0	2992.0
1	1935	236	0.	.0	2992.0	*	4	0310	903	0.	.0	2992.0	*	6	10451570	0.	.0	2992.0
1	1940	237	0.	.0	2992.0	*	4	0315	904	0.	.0	2992.0	*	6	10501571	0.	.0	2992.0
1	1945	238	0.	.0	2992.0	*	4	0320	905	0.	.0	2992.0	*	6	10551572	0.	.0	2992.0
1	1950	239	0.	.0	2992.0	*	4	0325	906	0.	.0	2992.0	*	6	11001573	0.	.0	2992.0
1	1955	240	0.	.0	2992.0	*	4	0330	907	0.	.0	2992.0	*	6	11051574	0.	.0	2992.0
1	2000	241	0.	.0	2992.0	*	4	0335	908	0.	.0	2992.0	*	6	11101575	0.	.0	2992.0
1	2005	242	0.	.0	2992.0	*	4	0340	909	0.	.0	2992.0	*	6	11151576	0.	.0	2992.0
1	2010	243	0.	.0	2992.0	*	4	0345	910	0.	.0	2992.0	*	6	11201577	0.	.0	2992.0
1	2015	244	0.	.0	2992.0	*	4	0350	911	0.	.0	2992.0	*	6	11251578	0.	.0	2992.0
1	2020	245	0.	.0	2992.0	*	4	0355	912	0.	.0	2992.0	*	6	11301579	0.	.0	2992.0
1	2025	246	0.	.0	2992.0	*	4	0400	913	0.	.0	2992.0	*	6	11351580	0.	.0	2992.0
1	2030	247	0.	.0	2992.0	*	4	0405	914	0.	.0	2992.0	*	6	11401581	0.	.0	2992.0
1	2035	248	0.	.0	2992.0	*	4	0410	915	0.	.0	2992.0	*	6	11451582	0.	.0	2992.0
1	2040	249	0.	.0	2992.0	*	4	0415	916	0.	.0	2992.0	*	6	11501583	0.	.0	2992.0
1	2045	250	0.	.0	2992.0	*	4	0420	917	0.	.0	2992.0	*	6	11551584	0.	.0	2992.0
1	2050	251	0.	.0	2992.0	*	4	0425	918	0.	.0	2992.0	*	6	12001585	0.	.0	2992.0
1	2055	252	0.	.0	2992.0	*	4	0430	919	0.	.0	2992.0	*	6	12051586	0.	.0	2992.0
1	2100	253	0.	.0	2992.0	*	4	0435	920	0.	.0	2992.0	*	6	12101587	0.	.0	2992.0
1	2105	254	0.	.0	2992.0	*	4	0440	921	0.	.0	2992.0	*	6	12151588	0.	.0	2992.0
1	2110	255	0.	.0	2992.0	*	4	0445	922	0.	.0	2992.0	*	6	12201589	0.	.0	2992.0
1	2115	256	0.	.0	2992.0	*	4	0450	923	0.	.0	2992.0	*	6	12251590	0.	.0	2992.0
1	2120	257	0.	.0	2992.0	*	4	0455	924	0.	.0	2992.0	*	6	12301591	0.	.0	2992.0
1	2125	258	0.	.0	2992.0	*	4	0500	925	0.	.0	2992.0	*	6	12351592	0.	.0	2992.0
1	2130	259	0.	.0	2992.0	*	4	0505	926	0.	.0	2992.0	*	6	12401593	0.	.0	2992.0
1	2135	260	0.	.0	2992.0	*	4	0510	927	0.	.0	2992.0	*	6	12451594	0.	.0	2992.0
1	2140	261	0.	.0	2992.0	*	4	0515	928	0.	.0	2992.0	*	6	12501595	0.	.0	2992.0
1	2145	262	0.	.0	2992.0	*	4	0520	929	0.	.0	2992.0	*	6	12551596	0.	.0	2992.0

												ULT							
1	2150	263	0.	.0	2992.0	*	4	0525	930	0.	.0	2992.0	*	6	13001597	0.	.0	2992.0	
1	2155	264	0.	.0	2992.0	*	4	0530	931	0.	.0	2992.0	*	6	13051598	0.	.0	2992.0	
1	2200	265	0.	.0	2992.0	*	4	0535	932	0.	.0	2992.0	*	6	13101599	0.	.0	2992.0	
1	2205	266	0.	.0	2992.0	*	4	0540	933	0.	.0	2992.0	*	6	13151600	0.	.0	2992.0	
1	2210	267	0.	.0	2992.0	*	4	0545	934	0.	.0	2992.0	*	6	13201601	0.	.0	2992.0	
1	2215	268	0.	.0	2992.0	*	4	0550	935	0.	.0	2992.0	*	6	13251602	0.	.0	2992.0	
1	2220	269	0.	.0	2992.0	*	4	0555	936	0.	.0	2992.0	*	6	13301603	0.	.0	2992.0	
1	2225	270	0.	.0	2992.0	*	4	0600	937	0.	.0	2992.0	*	6	13351604	0.	.0	2992.0	
1	2230	271	0.	.0	2992.0	*	4	0605	938	0.	.0	2992.0	*	6	13401605	0.	.0	2992.0	
1	2235	272	0.	.0	2992.0	*	4	0610	939	0.	.0	2992.0	*	6	13451606	0.	.0	2992.0	
1	2240	273	0.	.0	2992.0	*	4	0615	940	0.	.0	2992.0	*	6	13501607	0.	.0	2992.0	
1	2245	274	0.	.0	2992.0	*	4	0620	941	0.	.0	2992.0	*	6	13551608	0.	.0	2992.0	
1	2250	275	0.	.0	2992.0	*	4	0625	942	0.	.0	2992.0	*	6	14001609	0.	.0	2992.0	
1	2255	276	0.	.0	2992.0	*	4	0630	943	0.	.0	2992.0	*	6	14051610	0.	.0	2992.0	
1	2300	277	0.	.0	2992.0	*	4	0635	944	0.	.0	2992.0	*	6	14101611	0.	.0	2992.0	
1	2305	278	0.	.0	2992.0	*	4	0640	945	0.	.0	2992.0	*	6	14151612	0.	.0	2992.0	
1	2310	279	0.	.0	2992.0	*	4	0645	946	0.	.0	2992.0	*	6	14201613	0.	.0	2992.0	
1	2315	280	0.	.0	2992.0	*	4	0650	947	0.	.0	2992.0	*	6	14251614	0.	.0	2992.0	
1	2320	281	0.	.0	2992.0	*	4	0655	948	0.	.0	2992.0	*	6	14301615	0.	.0	2992.0	
1	2325	282	0.	.0	2992.0	*	4	0700	949	0.	.0	2992.0	*	6	14351616	0.	.0	2992.0	
1	2330	283	0.	.0	2992.0	*	4	0705	950	0.	.0	2992.0	*	6	14401617	0.	.0	2992.0	
1	2335	284	0.	.0	2992.0	*	4	0710	951	0.	.0	2992.0	*	6	14451618	0.	.0	2992.0	
1	2340	285	0.	.0	2992.0	*	4	0715	952	0.	.0	2992.0	*	6	14501619	0.	.0	2992.0	
1	2345	286	0.	.0	2992.0	*	4	0720	953	0.	.0	2992.0	*	6	14551620	0.	.0	2992.0	
1	2350	287	0.	.0	2992.0	*	4	0725	954	0.	.0	2992.0	*	6	15001621	0.	.0	2992.0	
1	2355	288	0.	.0	2992.0	*	4	0730	955	0.	.0	2992.0	*	6	15051622	0.	.0	2992.0	
2	0000	289	0.	.0	2992.0	*	4	0735	956	0.	.0	2992.0	*	6	15101623	0.	.0	2992.0	
2	0005	290	0.	.0	2992.0	*	4	0740	957	0.	.0	2992.0	*	6	15151624	0.	.0	2992.0	
2	0010	291	0.	.0	2992.0	*	4	0745	958	0.	.0	2992.0	*	6	15201625	0.	.0	2992.0	
2	0015	292	0.	.0	2992.0	*	4	0750	959	0.	.0	2992.0	*	6	15251626	0.	.0	2992.0	
2	0020	293	0.	.0	2992.0	*	4	0755	960	0.	.0	2992.0	*	6	15301627	0.	.0	2992.0	
2	0025	294	0.	.0	2992.0	*	4	0800	961	0.	.0	2992.0	*	6	15351628	0.	.0	2992.0	
2	0030	295	0.	.0	2992.0	*	4	0805	962	0.	.0	2992.0	*	6	15401629	0.	.0	2992.0	
2	0035	296	0.	.0	2992.0	*	4	0810	963	0.	.0	2992.0	*	6	15451630	0.	.0	2992.0	
2	0040	297	0.	.0	2992.0	*	4	0815	964	0.	.0	2992.0	*	6	15501631	0.	.0	2992.0	
2	0045	298	0.	.0	2992.0	*	4	0820	965	0.	.0	2992.0	*	6	15551632	0.	.0	2992.0	
2	0050	299	0.	.0	2992.0	*	4	0825	966	0.	.0	2992.0	*	6	16001633	0.	.0	2992.0	
2	0055	300	0.	.0	2992.0	*	4	0830	967	0.	.0	2992.0	*	6	16051634	0.	.0	2992.0	
2	0100	301	0.	.0	2992.0	*	4	0835	968	0.	.0	2992.0	*	6	16101635	0.	.0	2992.0	
2	0105	302	0.	.0	2992.0	*	4	0840	969	0.	.0	2992.0	*	6	16151636	0.	.0	2992.0	
2	0110	303	0.	.0	2992.0	*	4	0845	970	0.	.0	2992.0	*	6	16201637	0.	.0	2992.0	
2	0115	304	0.	.0	2992.0	*	4	0850	971	0.	.0	2992.0	*	6	16251638	0.	.0	2992.0	
2	0120	305	0.	.0	2992.0	*	4	0855	972	0.	.0	2992.0	*	6	16301639	0.	.0	2992.0	
2	0125	306	0.	.0	2992.0	*	4	0900	973	0.	.0	2992.0	*	6	16351640	0.	.0	2992.0	
2	0130	307	0.	.0	2992.0	*	4	0905	974	0.	.0	2992.0	*	6	16401641	0.	.0	2992.0	
2	0135	308	0.	.0	2992.0	*	4	0910	975	0.	.0	2992.0	*	6	16451642	0.	.0	2992.0	
2	0140	309	0.	.0	2992.0	*	4	0915	976	0.	.0	2992.0	*	6	16501643	0.	.0	2992.0	
2	0145	310	0.	.0	2992.0	*	4	0920	977	0.	.0	2992.0	*	6	16551644	0.	.0	2992.0	
2	0150	311	0.	.0	2992.0	*	4	0925	978	0.	.0	2992.0	*	6	17001645	0.	.0	2992.0	
2	0155	312	0.	.0	2992.0	*	4	0930	979	0.	.0	2992.0	*	6	17051646	0.	.0	2992.0	
2	0200	313	0.	.0	2992.0	*	4	0935	980	0.	.0	2992.0	*	6	17101647	0.	.0	2992.0	
2	0205	314	0.	.0	2992.0	*	4	0940	981	0.	.0	2992.0	*	6	17151648	0.	.0	2992.0	
2	0210	315	0.	.0	2992.0	*	4	0945	982	0.	.0	2992.0	*	6	17201649	0.	.0	2992.0	
2	0215	316	0.	.0	2992.0	*	4	0950	983	0.	.0	2992.0	*	6	17251650	0.	.0	2992.0	
2	0220	317	0.	.0	2992.0	*	4	0955	984	0.	.0	2992.0	*	6	17301651	0.	.0	2992.0	
2	0225	318	0.	.0	2992.0	*	4	1000	985	0.	.0	2992.0	*	6	17351652	0.	.0	2992.0	
2	0230	319	0.	.0	2992.0	*	4	1005	986	0.	.0	2992.0	*	6	17401653	0.	.0	2992.0	
2	0235	320	0.	.0	2992.0	*	4	1010	987	0.	.0	2992.0	*	6	17451654	0.	.0	2992.0	
2	0240	321	0.	.0	2992.0	*	4	1015	988	0.	.0	2992.0	*	6	17501655	0.	.0	2992.0	
2	0245	322	0.	.0	2992.0	*	4	1020	989	0.	.0	2992.0	*	6	17551656	0.	.0	2992.0	
2	0250	323	0.	.0	2992.0	*	4	1025	990	0.	.0	2992.0	*	6	18001657	0.	.0	2992.0	
2	0255	324	0.	.0	2992.0	*	4	1030	991	0.	.0	2992.0	*	6	18051658	0.	.0	2992.0	
2	0300	325	0.	.0	2992.0	*	4	1035	992	0.	.0	2992.0	*	6	18101659	0.	.0	2992.0	
2	0305	326	0.	.0	2992.0	*	4	1040	993	0.	.0	2992.0	*	6	18151660	0.	.0	2992.0	
2	0310	327	0.	.0	2992.0	*	4	1045	994	0.	.0	2992.0	*	6	18201661	0.	.0	2992.0	
2	0315	328	0.	.0	2992.0	*	4	1050	995	0.	.0	2992.0	*	6	18251662	0.	.0	2992.0	
2	0320	329	0.	.0	2992.0	*	4	1055	996	0.	.0	2992.0	*	6	18301663	0.	.0	2992.0	
2	0325	330	0.	.0	2992.0	*	4	1100	997	0.	.0	2992.0	*	6	18351664	0.	.0	2992.0	
2	0330	331	0.	.0	2992.0	*	4	1105	998	0.	.0	2992.0	*	6	18401665	0.	.0	2992.0	
2	0335	332	0.	.0	2992.0	*	4	1110	999	0.	.0	2992.0	*	6	18451666	0.	.0	2992.0	
2	0340	333	0.	.0	2992.0	*	4	11151000		0.	.0	2992.0	*	6	18501667	0.	.0	2992.0	
2	0345	334	0.	.0	2992.0	*	4	11201001		0.	.0	2992.0	*	6	18551668	0.	.0	2992.0	
2	0350	335	0.	.0	2992.0	*	4	11251002		0.	.0	2992.0	*	6	19001669	0.	.0	2992.0	
2	0355	336	0.	.0	2992.0	*	4	11301003		0.	.0	2992.0	*	6	19051670	0.	.0	2992.0	
2	0400	337	0.	.0	2992.0	*	4	11351004		0.	.0	2992.0	*	6	19101671	0.	.0	2992.0	
2	0405	338	0.	.0	2992.0	*	4	11401005		0.	.0	2992.0	*	6	19151672	0.	.0	2992.0	
2	0410	339	0.	.0	2992.0	*	4	11451006		0.	.0	2992.0	*	6	19201673	0.	.0	2992.0	
2	0415	340	0.	.0	2992.0	*	4	11501007		0.	.0	2992.0	*	6	19251674	0.	.0	2992.0	
2	0420	341	0.	.0	2992.0	*	4	11551008		0.	.0	2992.0	*	6	19301675	0.	.0	2992.0	
2	0425	342	0.	.0	2992.0	*	4	12001009		0.	.0	2992.0	*	6	19351676	0.	.0	2992.0	
2	0430	343	0.	.0	2992.0	*	4	12051010		0.	.0	2992.0	*	6	19401677	0.	.0	2992.0	
2	0435	344	0.	.0	2992.0	*	4	12101011		0.	.0	2992.0	*	6	19451678	0.	.0	2992.0	
2	0440	345	0.	.0	2992.0	*	4	12151012		0.	.0	2992.0	*	6	19501679	0.	.0	2992.0	
2	0445	346	0.	.0	2992.0	*	4	12201013		0.	.0	2992.0	*	6	19551680	0.	.0	2992.0	
2	0450	347	0.	.0	2992.0	*	4	12251014		0.	.0	2992.0	*	6	20001681	0.	.0	2992.0	
2	0455	348	0.	.0	2992.0	*	4	12301015		0.	.0	2992.0	*	6	20051682	0.	.0	2992.0	
2	0500	349	0.	.0	2992.0	*	4	12351016		0.	.0	2992.0	*	6	20101683	0.	.0	2992.0	
2	0505	350	0.	.0	2992.0	*	4	12401017		0.	.0	2992.0	*	6	20151684	0.	.0	2992.0	
2	0510	351	0.	.0	2992.0	*	4	12451018		0.	.0	2992.0	*	6	20201685	0.	.0	2992.0	

											ULT					
2	0515	352	0.	.0	2992.0	* 4	12501019	0.	.0	2992.0	* 6	20251686	0.	.0	2992.0	
2	0520	353	0.	.0	2992.0	* 4	12551020	0.	.0	2992.0	* 6	20301687	0.	.0	2992.0	
2	0525	354	0.	.0	2992.0	* 4	13001021	0.	.0	2992.0	* 6	20351688	0.	.0	2992.0	
2	0530	355	0.	.0	2992.0	* 4	13051022	0.	.0	2992.0	* 6	20401689	0.	.0	2992.0	
2	0535	356	0.	.0	2992.0	* 4	13101023	0.	.0	2992.0	* 6	20451690	0.	.0	2992.0	
2	0540	357	0.	.0	2992.0	* 4	13151024	0.	.0	2992.0	* 6	20501691	0.	.0	2992.0	
2	0545	358	0.	.0	2992.0	* 4	13201025	0.	.0	2992.0	* 6	20551692	0.	.0	2992.0	
2	0550	359	0.	.0	2992.0	* 4	13251026	0.	.0	2992.0	* 6	21001693	0.	.0	2992.0	
2	0555	360	0.	.0	2992.0	* 4	13301027	0.	.0	2992.0	* 6	21051694	0.	.0	2992.0	
2	0600	361	0.	.0	2992.0	* 4	13351028	0.	.0	2992.0	* 6	21101695	0.	.0	2992.0	
2	0605	362	0.	.0	2992.0	* 4	13401029	0.	.0	2992.0	* 6	21151696	0.	.0	2992.0	
2	0610	363	0.	.0	2992.0	* 4	13451030	0.	.0	2992.0	* 6	21201697	0.	.0	2992.0	
2	0615	364	0.	.0	2992.0	* 4	13501031	0.	.0	2992.0	* 6	21251698	0.	.0	2992.0	
2	0620	365	0.	.0	2992.0	* 4	13551032	0.	.0	2992.0	* 6	21301699	0.	.0	2992.0	
2	0625	366	0.	.0	2992.0	* 4	14001033	0.	.0	2992.0	* 6	21351700	0.	.0	2992.0	
2	0630	367	0.	.0	2992.0	* 4	14051034	0.	.0	2992.0	* 6	21401701	0.	.0	2992.0	
2	0635	368	0.	.0	2992.0	* 4	14101035	0.	.0	2992.0	* 6	21451702	0.	.0	2992.0	
2	0640	369	0.	.0	2992.0	* 4	14151036	0.	.0	2992.0	* 6	21501703	0.	.0	2992.0	
2	0645	370	0.	.0	2992.0	* 4	14201037	0.	.0	2992.0	* 6	21551704	0.	.0	2992.0	
2	0650	371	0.	.0	2992.0	* 4	14251038	0.	.0	2992.0	* 6	22001705	0.	.0	2992.0	
2	0655	372	0.	.0	2992.0	* 4	14301039	0.	.0	2992.0	* 6	22051706	0.	.0	2992.0	
2	0700	373	0.	.0	2992.0	* 4	14351040	0.	.0	2992.0	* 6	22101707	0.	.0	2992.0	
2	0705	374	0.	.0	2992.0	* 4	14401041	0.	.0	2992.0	* 6	22151708	0.	.0	2992.0	
2	0710	375	0.	.0	2992.0	* 4	14451042	0.	.0	2992.0	* 6	22201709	0.	.0	2992.0	
2	0715	376	0.	.0	2992.0	* 4	14501043	0.	.0	2992.0	* 6	22251710	0.	.0	2992.0	
2	0720	377	0.	.0	2992.0	* 4	14551044	0.	.0	2992.0	* 6	22301711	0.	.0	2992.0	
2	0725	378	0.	.0	2992.0	* 4	15001045	0.	.0	2992.0	* 6	22351712	0.	.0	2992.0	
2	0730	379	0.	.0	2992.0	* 4	15051046	0.	.0	2992.0	* 6	22401713	0.	.0	2992.0	
2	0735	380	0.	.0	2992.0	* 4	15101047	0.	.0	2992.0	* 6	22451714	0.	.0	2992.0	
2	0740	381	0.	.0	2992.0	* 4	15151048	0.	.0	2992.0	* 6	22501715	0.	.0	2992.0	
2	0745	382	0.	.0	2992.0	* 4	15201049	0.	.0	2992.0	* 6	22551716	0.	.0	2992.0	
2	0750	383	0.	.0	2992.0	* 4	15251050	0.	.0	2992.0	* 6	23001717	0.	.0	2992.0	
2	0755	384	0.	.0	2992.0	* 4	15301051	0.	.0	2992.0	* 6	23051718	0.	.0	2992.0	
2	0800	385	0.	.0	2992.0	* 4	15351052	0.	.0	2992.0	* 6	23101719	0.	.0	2992.0	
2	0805	386	0.	.0	2992.0	* 4	15401053	0.	.0	2992.0	* 6	23151720	0.	.0	2992.0	
2	0810	387	0.	.0	2992.0	* 4	15451054	0.	.0	2992.0	* 6	23201721	0.	.0	2992.0	
2	0815	388	0.	.0	2992.0	* 4	15501055	0.	.0	2992.0	* 6	23251722	0.	.0	2992.0	
2	0820	389	0.	.0	2992.0	* 4	15551056	0.	.0	2992.0	* 6	23301723	0.	.0	2992.0	
2	0825	390	0.	.0	2992.0	* 4	16001057	0.	.0	2992.0	* 6	23351724	0.	.0	2992.0	
2	0830	391	0.	.0	2992.0	* 4	16051058	0.	.0	2992.0	* 6	23401725	0.	.0	2992.0	
2	0835	392	0.	.0	2992.0	* 4	16101059	0.	.0	2992.0	* 6	23451726	0.	.0	2992.0	
2	0840	393	0.	.0	2992.0	* 4	16151060	0.	.0	2992.0	* 6	23501727	0.	.0	2992.0	
2	0845	394	0.	.0	2992.0	* 4	16201061	0.	.0	2992.0	* 6	23551728	0.	.0	2992.0	
2	0850	395	0.	.0	2992.0	* 4	16251062	0.	.0	2992.0	* 7	00001729	0.	.0	2992.0	
2	0855	396	0.	.0	2992.0	* 4	16301063	0.	.0	2992.0	* 7	00051730	0.	.0	2992.0	
2	0900	397	0.	.0	2992.0	* 4	16351064	0.	.0	2992.0	* 7	00101731	0.	.0	2992.0	
2	0905	398	0.	.0	2992.0	* 4	16401065	0.	.0	2992.0	* 7	00151732	0.	.0	2992.0	
2	0910	399	0.	.0	2992.0	* 4	16451066	0.	.0	2992.0	* 7	00201733	0.	.0	2992.0	
2	0915	400	0.	.0	2992.0	* 4	16501067	0.	.0	2992.0	* 7	00251734	0.	.0	2992.0	
2	0920	401	0.	.0	2992.0	* 4	16551068	0.	.0	2992.0	* 7	00301735	0.	.0	2992.0	
2	0925	402	0.	.0	2992.0	* 4	17001069	0.	.0	2992.0	* 7	00351736	0.	.0	2992.0	
2	0930	403	0.	.0	2992.0	* 4	17051070	0.	.0	2992.0	* 7	00401737	0.	.0	2992.0	
2	0935	404	0.	.0	2992.0	* 4	17101071	0.	.0	2992.0	* 7	00451738	0.	.0	2992.0	
2	0940	405	0.	.0	2992.0	* 4	17151072	0.	.0	2992.0	* 7	00501739	0.	.0	2992.0	
2	0945	406	0.	.0	2992.0	* 4	17201073	0.	.0	2992.0	* 7	00551740	0.	.0	2992.0	
2	0950	407	0.	.0	2992.0	* 4	17251074	0.	.0	2992.0	* 7	01001741	0.	.0	2992.0	
2	0955	408	0.	.0	2992.0	* 4	17301075	0.	.0	2992.0	* 7	01051742	0.	.0	2992.0	
2	1000	409	0.	.0	2992.0	* 4	17351076	0.	.0	2992.0	* 7	01101743	0.	.0	2992.0	
2	1005	410	0.	.0	2992.0	* 4	17401077	0.	.0	2992.0	* 7	01151744	0.	.0	2992.0	
2	1010	411	0.	.0	2992.0	* 4	17451078	0.	.0	2992.0	* 7	01201745	0.	.0	2992.0	
2	1015	412	0.	.0	2992.0	* 4	17501079	0.	.0	2992.0	* 7	01251746	0.	.0	2992.0	
2	1020	413	0.	.0	2992.0	* 4	17551080	0.	.0	2992.0	* 7	01301747	0.	.0	2992.0	
2	1025	414	0.	.0	2992.0	* 4	18001081	0.	.0	2992.0	* 7	01351748	0.	.0	2992.0	
2	1030	415	0.	.0	2992.0	* 4	18051082	0.	.0	2992.0	* 7	01401749	0.	.0	2992.0	
2	1035	416	0.	.0	2992.0	* 4	18101083	0.	.0	2992.0	* 7	01451750	0.	.0	2992.0	
2	1040	417	0.	.0	2992.0	* 4	18151084	0.	.0	2992.0	* 7	01501751	0.	.0	2992.0	
2	1045	418	0.	.0	2992.0	* 4	18201085	0.	.0	2992.0	* 7	01551752	0.	.0	2992.0	
2	1050	419	0.	.0	2992.0	* 4	18251086	0.	.0	2992.0	* 7	02001753	0.	.0	2992.0	
2	1055	420	0.	.0	2992.0	* 4	18301087	0.	.0	2992.0	* 7	02051754	0.	.0	2992.0	
2	1100	421	0.	.0	2992.0	* 4	18351088	0.	.0	2992.0	* 7	02101755	0.	.0	2992.0	
2	1105	422	0.	.0	2992.0	* 4	18401089	0.	.0	2992.0	* 7	02151756	0.	.0	2992.0	
2	1110	423	0.	.0	2992.0	* 4	18451090	0.	.0	2992.0	* 7	02201757	0.	.0	2992.0	
2	1115	424	0.	.0	2992.0	* 4	18501091	0.	.0	2992.0	* 7	02251758	0.	.0	2992.0	
2	1120	425	0.	.0	2992.0	* 4	18551092	0.	.0	2992.0	* 7	02301759	0.	.0	2992.0	
2	1125	426	0.	.0	2992.0	* 4	19001093	0.	.0	2992.0	* 7	02351760	0.	.0	2992.0	
2	1130	427	0.	.0	2992.0	* 4	19051094	0.	.0	2992.0	* 7	02401761	0.	.0	2992.0	
2	1135	428	0.	.0	2992.0	* 4	19101095	0.	.0	2992.0	* 7	02451762	0.	.0	2992.0	
2	1140	429	0.	.0	2992.0	* 4	19151096	0.	.0	2992.0	* 7	02501763	0.	.0	2992.0	
2	1145	430	0.	.0	2992.0	* 4	19201097	0.	.0	2992.0	* 7	02551764	0.	.0	2992.0	
2	1150	431	0.	.0	2992.0	* 4	19251098	0.	.0	2992.0	* 7	03001765	0.	.0	2992.0	
2	1155	432	0.	.0	2992.0	* 4	19301099	0.	.0	2992.0	* 7	03051766	0.	.0	2992.0	
2	1200	433	0.	.0	2992.0	* 4	19351100	0.	.0	2992.0	* 7	03101767	0.	.0	2992.0	
2	1205	434	0.	.0	2992.0	* 4	19401101	0.	.0	2992.0	* 7	03151768	0.	.0	2992.0	
2	1210	435	0.	.0	2992.0	* 4	19451102	0.	.0	2992.0	* 7	03201769	0.	.0	2992.0	
2	1215	436	0.	.0	2992.0	* 4	19501103	0.	.0	2992.0	* 7	03251770	0.	.0	2992.0	
2	1220	437	0.	.0	2992.0	* 4	19551104	0.	.0	2992.0	* 7	03301771	0.	.0	2992.0	
2	1225	438	0.	.0	2992.0	* 4	20001105	0.	.0	2992.0	* 7	03351772	0.	.0	2992.0	
2	1230	439	0.	.0	2992.0	* 4	20051106	0.	.0	2992.0	* 7	03401773	0.	.0	2992.0	
2	1235	440	0.	.0	2992.0	* 4	20101107	0.	.0	2992.0	* 7	03451774	0.	.0	2992.0	

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2	1240	441	0.	.0	2992.0	* 4	20151108	0.	.0	2992.0	* 7	03501775	0.	.0	2992.0
2	1245	442	0.	.0	2992.0	* 4	20201109	0.	.0	2992.0	* 7	03551776	0.	.0	2992.0
2	1250	443	0.	.0	2992.0	* 4	20251110	0.	.0	2992.0	* 7	04001777	0.	.0	2992.0
2	1255	444	0.	.0	2992.0	* 4	20301111	0.	.0	2992.0	* 7	04051778	0.	.0	2992.0
2	1300	445	0.	.0	2992.0	* 4	20351112	0.	.0	2992.0	* 7	04101779	0.	.0	2992.0
2	1305	446	0.	.0	2992.0	* 4	20401113	0.	.0	2992.0	* 7	04151780	0.	.0	2992.0
2	1310	447	0.	.0	2992.0	* 4	20451114	0.	.0	2992.0	* 7	04201781	0.	.0	2992.0
2	1315	448	0.	.0	2992.0	* 4	20501115	0.	.0	2992.0	* 7	04251782	0.	.0	2992.0
2	1320	449	0.	.0	2992.0	* 4	20551116	0.	.0	2992.0	* 7	04301783	0.	.0	2992.0
2	1325	450	0.	.0	2992.0	* 4	21001117	0.	.0	2992.0	* 7	04351784	0.	.0	2992.0
2	1330	451	0.	.0	2992.0	* 4	21051118	0.	.0	2992.0	* 7	04401785	0.	.0	2992.0
2	1335	452	0.	.0	2992.0	* 4	21101119	0.	.0	2992.0	* 7	04451786	0.	.0	2992.0
2	1340	453	0.	.0	2992.0	* 4	21151120	0.	.0	2992.0	* 7	04501787	0.	.0	2992.0
2	1345	454	0.	.0	2992.0	* 4	21201121	0.	.0	2992.0	* 7	04551788	0.	.0	2992.0
2	1350	455	0.	.0	2992.0	* 4	21251122	0.	.0	2992.0	* 7	05001789	0.	.0	2992.0
2	1355	456	0.	.0	2992.0	* 4	21301123	0.	.0	2992.0	* 7	05051790	0.	.0	2992.0
2	1400	457	0.	.0	2992.0	* 4	21351124	0.	.0	2992.0	* 7	05101791	0.	.0	2992.0
2	1405	458	0.	.0	2992.0	* 4	21401125	0.	.0	2992.0	* 7	05151792	0.	.0	2992.0
2	1410	459	0.	.0	2992.0	* 4	21451126	0.	.0	2992.0	* 7	05201793	0.	.0	2992.0
2	1415	460	0.	.0	2992.0	* 4	21501127	0.	.0	2992.0	* 7	05251794	0.	.0	2992.0
2	1420	461	0.	.0	2992.0	* 4	21551128	0.	.0	2992.0	* 7	05301795	0.	.0	2992.0
2	1425	462	0.	.0	2992.0	* 4	22001129	0.	.0	2992.0	* 7	05351796	0.	.0	2992.0
2	1430	463	0.	.0	2992.0	* 4	22051130	0.	.0	2992.0	* 7	05401797	0.	.0	2992.0
2	1435	464	0.	.0	2992.0	* 4	22101131	0.	.0	2992.0	* 7	05451798	0.	.0	2992.0
2	1440	465	0.	.0	2992.0	* 4	22151132	0.	.0	2992.0	* 7	05501799	0.	.0	2992.0
2	1445	466	0.	.0	2992.0	* 4	22201133	0.	.0	2992.0	* 7	05551800	0.	.0	2992.0
2	1450	467	0.	.0	2992.0	* 4	22251134	0.	.0	2992.0	* 7	06001801	0.	.0	2992.0
2	1455	468	0.	.0	2992.0	* 4	22301135	0.	.0	2992.0	* 7	06051802	0.	.0	2992.0
2	1500	469	0.	.0	2992.0	* 4	22351136	0.	.0	2992.0	* 7	06101803	0.	.0	2992.0
2	1505	470	0.	.0	2992.0	* 4	22401137	0.	.0	2992.0	* 7	06151804	0.	.0	2992.0
2	1510	471	0.	.0	2992.0	* 4	22451138	0.	.0	2992.0	* 7	06201805	0.	.0	2992.0
2	1515	472	0.	.0	2992.0	* 4	22501139	0.	.0	2992.0	* 7	06251806	0.	.0	2992.0
2	1520	473	0.	.0	2992.0	* 4	22551140	0.	.0	2992.0	* 7	06301807	0.	.0	2992.0
2	1525	474	0.	.0	2992.0	* 4	23001141	0.	.0	2992.0	* 7	06351808	0.	.0	2992.0
2	1530	475	0.	.0	2992.0	* 4	23051142	0.	.0	2992.0	* 7	06401809	0.	.0	2992.0
2	1535	476	0.	.0	2992.0	* 4	23101143	0.	.0	2992.0	* 7	06451810	0.	.0	2992.0
2	1540	477	0.	.0	2992.0	* 4	23151144	0.	.0	2992.0	* 7	06501811	0.	.0	2992.0
2	1545	478	0.	.0	2992.0	* 4	23201145	0.	.0	2992.0	* 7	06551812	0.	.0	2992.0
2	1550	479	0.	.0	2992.0	* 4	23251146	0.	.0	2992.0	* 7	07001813	0.	.0	2992.0
2	1555	480	0.	.0	2992.0	* 4	23301147	0.	.0	2992.0	* 7	07051814	0.	.0	2992.0
2	1600	481	0.	.0	2992.0	* 4	23351148	0.	.0	2992.0	* 7	07101815	0.	.0	2992.0
2	1605	482	0.	.0	2992.0	* 4	23401149	0.	.0	2992.0	* 7	07151816	0.	.0	2992.0
2	1610	483	0.	.0	2992.0	* 4	23451150	0.	.0	2992.0	* 7	07201817	0.	.0	2992.0
2	1615	484	0.	.0	2992.0	* 4	23501151	0.	.0	2992.0	* 7	07251818	0.	.0	2992.0
2	1620	485	0.	.0	2992.0	* 4	23551152	0.	.0	2992.0	* 7	07301819	0.	.0	2992.0
2	1625	486	0.	.0	2992.0	* 5	00001153	0.	.0	2992.0	* 7	07351820	0.	.0	2992.0
2	1630	487	0.	.0	2992.0	* 5	00051154	0.	.0	2992.0	* 7	07401821	0.	.0	2992.0
2	1635	488	0.	.0	2992.0	* 5	00101155	0.	.0	2992.0	* 7	07451822	0.	.0	2992.0
2	1640	489	0.	.0	2992.0	* 5	00151156	0.	.0	2992.0	* 7	07501823	0.	.0	2992.0
2	1645	490	0.	.0	2992.0	* 5	00201157	0.	.0	2992.0	* 7	07551824	0.	.0	2992.0
2	1650	491	0.	.0	2992.0	* 5	00251158	0.	.0	2992.0	* 7	08001825	0.	.0	2992.0
2	1655	492	0.	.0	2992.0	* 5	00301159	0.	.0	2992.0	* 7	08051826	0.	.0	2992.0
2	1700	493	0.	.0	2992.0	* 5	00351160	0.	.0	2992.0	* 7	08101827	0.	.0	2992.0
2	1705	494	0.	.0	2992.0	* 5	00401161	0.	.0	2992.0	* 7	08151828	0.	.0	2992.0
2	1710	495	0.	.0	2992.0	* 5	00451162	0.	.0	2992.0	* 7	08201829	0.	.0	2992.0
2	1715	496	0.	.0	2992.0	* 5	00501163	0.	.0	2992.0	* 7	08251830	0.	.0	2992.0
2	1720	497	0.	.0	2992.0	* 5	00551164	0.	.0	2992.0	* 7	08301831	0.	.0	2992.0
2	1725	498	0.	.0	2992.0	* 5	01001165	0.	.0	2992.0	* 7	08351832	0.	.0	2992.0
2	1730	499	0.	.0	2992.0	* 5	01051166	0.	.0	2992.0	* 7	08401833	0.	.0	2992.0
2	1735	500	0.	.0	2992.0	* 5	01101167	0.	.0	2992.0	* 7	08451834	0.	.0	2992.0
2	1740	501	0.	.0	2992.0	* 5	01151168	0.	.0	2992.0	* 7	08501835	0.	.0	2992.0
2	1745	502	0.	.0	2992.0	* 5	01201169	0.	.0	2992.0	* 7	08551836	0.	.0	2992.0
2	1750	503	0.	.0	2992.0	* 5	01251170	0.	.0	2992.0	* 7	09001837	0.	.0	2992.0
2	1755	504	0.	.0	2992.0	* 5	01301171	0.	.0	2992.0	* 7	09051838	0.	.0	2992.0
2	1800	505	0.	.0	2992.0	* 5	01351172	0.	.0	2992.0	* 7	09101839	0.	.0	2992.0
2	1805	506	0.	.0	2992.0	* 5	01401173	0.	.0	2992.0	* 7	09151840	0.	.0	2992.0
2	1810	507	0.	.0	2992.0	* 5	01451174	0.	.0	2992.0	* 7	09201841	0.	.0	2992.0
2	1815	508	0.	.0	2992.0	* 5	01501175	0.	.0	2992.0	* 7	09251842	0.	.0	2992.0
2	1820	509	0.	.0	2992.0	* 5	01551176	0.	.0	2992.0	* 7	09301843	0.	.0	2992.0
2	1825	510	0.	.0	2992.0	* 5	02001177	0.	.0	2992.0	* 7	09351844	0.	.0	2992.0
2	1830	511	0.	.0	2992.0	* 5	02051178	0.	.0	2992.0	* 7	09401845	0.	.0	2992.0
2	1835	512	0.	.0	2992.0	* 5	02101179	0.	.0	2992.0	* 7	09451846	0.	.0	2992.0
2	1840	513	0.	.0	2992.0	* 5	02151180	0.	.0	2992.0	* 7	09501847	0.	.0	2992.0
2	1845	514	0.	.0	2992.0	* 5	02201181	0.	.0	2992.0	* 7	09551848	0.	.0	2992.0
2	1850	515	0.	.0	2992.0	* 5	02251182	0.	.0	2992.0	* 7	10001849	0.	.0	2992.0
2	1855	516	0.	.0	2992.0	* 5	02301183	0.	.0	2992.0	* 7	10051850	0.	.0	2992.0
2	1900	517	0.	.0	2992.0	* 5	02351184	0.	.0	2992.0	* 7	10101851	0.	.0	2992.0
2	1905	518	0.	.0	2992.0	* 5	02401185	0.	.0	2992.0	* 7	10151852	0.	.0	2992.0
2	1910	519	0.	.0	2992.0	* 5	02451186	0.	.0	2992.0	* 7	10201853	0.	.0	2992.0
2	1915	520	0.	.0	2992.0	* 5	02501187	0.	.0	2992.0	* 7	10251854	0.	.0	2992.0
2	1920	521	0.	.0	2992.0	* 5	02551188	0.	.0	2992.0	* 7	10301855	0.	.0	2992.0
2	1925	522	0.	.0	2992.0	* 5	03001189	0.	.0	2992.0	* 7	10351856	0.	.0	2992.0
2	1930	523	0.	.0	2992.0	* 5	03051190	0.	.0	2992.0	* 7	10401857	0.	.0	2992.0
2	1935	524	0.	.0	2992.0	* 5	03101191	0.	.0	2992.0	* 7	10451858	0.	.0	2992.0
2	1940	525	0.	.0	2992.0	* 5	03151192	0.	.0	2992.0	* 7	10501859	0.	.0	2992.0
2	1945	526	0.	.0	2992.0	* 5	03201193	0.	.0	2992.0	* 7	10551860	0.	.0	2992.0
2	1950	527	0.	.0	2992.0	* 5	03251194	0.	.0	2992.0	* 7	11001861	0.	.0	2992.0
2	1955	528	0.	.0	2992.0	* 5	03301195	0.	.0	2992.0	* 7	11051862	0.	.0	2992.0
2	2000	529	0.	.0	2992.0	* 5	03351196	0.	.0	2992.0	* 7	11101863	0.	.0	2992.0

																		ULT	
2	2005	530	0.	.0	2992.0	*	5	03401197	0.	.0	2992.0	*	7	11151864	0.	.0	2992.0		
2	2010	531	0.	.0	2992.0	*	5	03451198	0.	.0	2992.0	*	7	11201865	0.	.0	2992.0		
2	2015	532	0.	.0	2992.0	*	5	03501199	0.	.0	2992.0	*	7	11251866	0.	.0	2992.0		
2	2020	533	0.	.0	2992.0	*	5	03551200	0.	.0	2992.0	*	7	11301867	0.	.0	2992.0		
2	2025	534	0.	.0	2992.0	*	5	04001201	0.	.0	2992.0	*	7	11351868	0.	.0	2992.0		
2	2030	535	0.	.0	2992.0	*	5	04051202	0.	.0	2992.0	*	7	11401869	0.	.0	2992.0		
2	2035	536	0.	.0	2992.0	*	5	04101203	0.	.0	2992.0	*	7	11451870	0.	.0	2992.0		
2	2040	537	0.	.0	2992.0	*	5	04151204	0.	.0	2992.0	*	7	11501871	0.	.0	2992.0		
2	2045	538	0.	.0	2992.0	*	5	04201205	0.	.0	2992.0	*	7	11551872	0.	.0	2992.0		
2	2050	539	0.	.0	2992.0	*	5	04251206	0.	.0	2992.0	*	7	12001873	0.	.0	2992.0		
2	2055	540	0.	.0	2992.0	*	5	04301207	0.	.0	2992.0	*	7	12051874	0.	.0	2992.0		
2	2100	541	0.	.0	2992.0	*	5	04351208	0.	.0	2992.0	*	7	12101875	0.	.0	2992.0		
2	2105	542	0.	.0	2992.0	*	5	04401209	0.	.0	2992.0	*	7	12151876	0.	.0	2992.0		
2	2110	543	0.	.0	2992.0	*	5	04451210	0.	.0	2992.0	*	7	12201877	0.	.0	2992.0		
2	2115	544	0.	.0	2992.0	*	5	04501211	0.	.0	2992.0	*	7	12251878	0.	.0	2992.0		
2	2120	545	0.	.0	2992.0	*	5	04551212	0.	.0	2992.0	*	7	12301879	0.	.0	2992.0		
2	2125	546	0.	.0	2992.0	*	5	05001213	0.	.0	2992.0	*	7	12351880	0.	.0	2992.0		
2	2130	547	0.	.0	2992.0	*	5	05051214	0.	.0	2992.0	*	7	12401881	0.	.0	2992.0		
2	2135	548	0.	.0	2992.0	*	5	05101215	0.	.0	2992.0	*	7	12451882	0.	.0	2992.0		
2	2140	549	0.	.0	2992.0	*	5	05151216	0.	.0	2992.0	*	7	12501883	0.	.0	2992.0		
2	2145	550	0.	.0	2992.0	*	5	05201217	0.	.0	2992.0	*	7	12551884	0.	.0	2992.0		
2	2150	551	0.	.0	2992.0	*	5	05251218	0.	.0	2992.0	*	7	13001885	0.	.0	2992.0		
2	2155	552	0.	.0	2992.0	*	5	05301219	0.	.0	2992.0	*	7	13051886	0.	.0	2992.0		
2	2200	553	0.	.0	2992.0	*	5	05351220	0.	.0	2992.0	*	7	13101887	0.	.0	2992.0		
2	2205	554	0.	.0	2992.0	*	5	05401221	0.	.0	2992.0	*	7	13151888	0.	.0	2992.0		
2	2210	555	0.	.0	2992.0	*	5	05451222	0.	.0	2992.0	*	7	13201889	0.	.0	2992.0		
2	2215	556	0.	.0	2992.0	*	5	05501223	0.	.0	2992.0	*	7	13251890	0.	.0	2992.0		
2	2220	557	0.	.0	2992.0	*	5	05551224	0.	.0	2992.0	*	7	13301891	0.	.0	2992.0		
2	2225	558	0.	.0	2992.0	*	5	06001225	0.	.0	2992.0	*	7	13351892	0.	.0	2992.0		
2	2230	559	0.	.0	2992.0	*	5	06051226	0.	.0	2992.0	*	7	13401893	0.	.0	2992.0		
2	2235	560	0.	.0	2992.0	*	5	06101227	0.	.0	2992.0	*	7	13451894	0.	.0	2992.0		
2	2240	561	0.	.0	2992.0	*	5	06151228	0.	.0	2992.0	*	7	13501895	0.	.0	2992.0		
2	2245	562	0.	.0	2992.0	*	5	06201229	0.	.0	2992.0	*	7	13551896	0.	.0	2992.0		
2	2250	563	0.	.0	2992.0	*	5	06251230	0.	.0	2992.0	*	7	14001897	0.	.0	2992.0		
2	2255	564	0.	.0	2992.0	*	5	06301231	0.	.0	2992.0	*	7	14051898	0.	.0	2992.0		
2	2300	565	0.	.0	2992.0	*	5	06351232	0.	.0	2992.0	*	7	14101899	0.	.0	2992.0		
2	2305	566	0.	.0	2992.0	*	5	06401233	0.	.0	2992.0	*	7	14151900	0.	.0	2992.0		
2	2310	567	0.	.0	2992.0	*	5	06451234	0.	.0	2992.0	*	7	14201901	0.	.0	2992.0		
2	2315	568	0.	.0	2992.0	*	5	06501235	0.	.0	2992.0	*	7	14251902	0.	.0	2992.0		
2	2320	569	0.	.0	2992.0	*	5	06551236	0.	.0	2992.0	*	7	14301903	0.	.0	2992.0		
2	2325	570	0.	.0	2992.0	*	5	07001237	0.	.0	2992.0	*	7	14351904	0.	.0	2992.0		
2	2330	571	0.	.0	2992.0	*	5	07051238	0.	.0	2992.0	*	7	14401905	0.	.0	2992.0		
2	2335	572	0.	.0	2992.0	*	5	07101239	0.	.0	2992.0	*	7	14451906	0.	.0	2992.0		
2	2340	573	0.	.0	2992.0	*	5	07151240	0.	.0	2992.0	*	7	14501907	0.	.0	2992.0		
2	2345	574	0.	.0	2992.0	*	5	07201241	0.	.0	2992.0	*	7	14551908	0.	.0	2992.0		
2	2350	575	0.	.0	2992.0	*	5	07251242	0.	.0	2992.0	*	7	15001909	0.	.0	2992.0		
2	2355	576	0.	.0	2992.0	*	5	07301243	0.	.0	2992.0	*	7	15051910	0.	.0	2992.0		
3	0000	577	0.	.0	2992.0	*	5	07351244	0.	.0	2992.0	*	7	15101911	0.	.0	2992.0		
3	0005	578	0.	.0	2992.0	*	5	07401245	0.	.0	2992.0	*	7	15151912	0.	.0	2992.0		
3	0010	579	0.	.0	2992.0	*	5	07451246	0.	.0	2992.0	*	7	15201913	0.	.0	2992.0		
3	0015	580	0.	.0	2992.0	*	5	07501247	0.	.0	2992.0	*	7	15251914	0.	.0	2992.0		
3	0020	581	0.	.0	2992.0	*	5	07551248	0.	.0	2992.0	*	7	15301915	0.	.0	2992.0		
3	0025	582	0.	.0	2992.0	*	5	08001249	0.	.0	2992.0	*	7	15351916	0.	.0	2992.0		
3	0030	583	0.	.0	2992.0	*	5	08051250	0.	.0	2992.0	*	7	15401917	0.	.0	2992.0		
3	0035	584	0.	.0	2992.0	*	5	08101251	0.	.0	2992.0	*	7	15451918	0.	.0	2992.0		
3	0040	585	0.	.0	2992.0	*	5	08151252	0.	.0	2992.0	*	7	15501919	0.	.0	2992.0		
3	0045	586	0.	.0	2992.0	*	5	08201253	0.	.0	2992.0	*	7	15551920	0.	.0	2992.0		
3	0050	587	0.	.0	2992.0	*	5	08251254	0.	.0	2992.0	*	7	16001921	0.	.0	2992.0		
3	0055	588	0.	.0	2992.0	*	5	08301255	0.	.0	2992.0	*	7	16051922	0.	.0	2992.0		
3	0100	589	0.	.0	2992.0	*	5	08351256	0.	.0	2992.0	*	7	16101923	0.	.0	2992.0		
3	0105	590	0.	.0	2992.0	*	5	08401257	0.	.0	2992.0	*	7	16151924	0.	.0	2992.0		
3	0110	591	0.	.0	2992.0	*	5	08451258	0.	.0	2992.0	*	7	16201925	0.	.0	2992.0		
3	0115	592	0.	.0	2992.0	*	5	08501259	0.	.0	2992.0	*	7	16251926	0.	.0	2992.0		
3	0120	593	0.	.0	2992.0	*	5	08551260	0.	.0	2992.0	*	7	16301927	0.	.0	2992.0		
3	0125	594	0.	.0	2992.0	*	5	09001261	0.	.0	2992.0	*	7	16351928	0.	.0	2992.0		
3	0130	595	0.	.0	2992.0	*	5	09051262	0.	.0	2992.0	*	7	16401929	0.	.0	2992.0		
3	0135	596	0.	.0	2992.0	*	5	09101263	0.	.0	2992.0	*	7	16451930	0.	.0	2992.0		
3	0140	597	0.	.0	2992.0	*	5	09151264	0.	.0	2992.0	*	7	16501931	0.	.0	2992.0		
3	0145	598	0.	.0	2992.0	*	5	09201265	0.	.0	2992.0	*	7	16551932	0.	.0	2992.0		
3	0150	599	0.	.0	2992.0	*	5	09251266	0.	.0	2992.0	*	7	17001933	0.	.0	2992.0		
3	0155	600	0.	.0	2992.0	*	5	09301267	0.	.0	2992.0	*	7	17051934	0.	.0	2992.0		
3	0200	601	0.	.0	2992.0	*	5	09351268	0.	.0	2992.0	*	7	17101935	0.	.0	2992.0		
3	0205	602	0.	.0	2992.0	*	5	09401269	0.	.0	2992.0	*	7	17151936	0.	.0	2992.0		
3	0210	603	0.	.0	2992.0	*	5	09451270	0.	.0	2992.0	*	7	17201937	0.	.0	2992.0		
3	0215	604	0.	.0	2992.0	*	5	09501271	0.	.0	2992.0	*	7	17251938	0.	.0	2992.0		
3	0220	605	0.	.0	2992.0	*	5	09551272	0.	.0	2992.0	*	7	17301939	0.	.0	2992.0		
3	0225	606	0.	.0	2992.0	*	5	10001273	0.	.0	2992.0	*	7	17351940	0.	.0	2992.0		
3	0230	607	0.	.0	2992.0	*	5	10051274	0.	.0	2992.0	*	7	17401941	0.	.0	2992.0		
3	0235	608	0.	.0	2992.0	*	5	10101275	0.	.0	2992.0	*	7	17451942	0.	.0	2992.0		
3	0240	609	0.	.0	2992.0	*	5	10151276	0.	.0	2992.0	*	7	17501943	0.	.0	2992.0		
3	0245	610	0.	.0	2992.0	*	5	10201277	0.	.0	2992.0	*	7	17551944	0.	.0	2992.0		
3	0250	611	0.	.0	2992.0	*	5	10251278	0.	.0	2992.0	*	7	18001945	0.	.0	2992.0		
3	0255	612	0.	.0	2992.0	*	5	10301279	0.	.0	2992.0	*	7	18051946	0.	.0	2992.0		
3	0300	613	0.	.0	2992.0	*	5	10351280	0.	.0	2992.0	*	7	18101947	0.	.0	2992.0		
3	0305	614	0.	.0	2992.0	*	5	10401281	0.	.0	2992.0	*	7	18151948	0.	.0	2992.0		
3	0310	615	0.	.0	2992.0	*	5	10451282	0.	.0	2992.0	*	7	18201949	0.	.0	2992.0		
3	0315	616	0.	.0	2992.0	*	5	10501283	0.	.0	2992.0	*	7	18251950	0.	.0	2992.0		
3	0320	617	0.	.0	2992.0	*	5	10551284	0.	.0	2992.0	*	7	18301951	0.	.0	2992.0		
3	0325	618	0.	.0	2992.0	*	5	11001285	0.	.0	2992.0	*	7	18351952	0.	.0	2992.0		

												ULT							
3	0330	619	0.	.0	2992.0	*	5	11051286	0.	.0	2992.0	*	7	18401953	0.	.0	2992.0		
3	0335	620	0.	.0	2992.0	*	5	11101287	0.	.0	2992.0	*	7	18451954	0.	.0	2992.0		
3	0340	621	0.	.0	2992.0	*	5	11151288	0.	.0	2992.0	*	7	18501955	0.	.0	2992.0		
3	0345	622	0.	.0	2992.0	*	5	11201289	0.	.0	2992.0	*	7	18551956	0.	.0	2992.0		
3	0350	623	0.	.0	2992.0	*	5	11251290	0.	.0	2992.0	*	7	19001957	0.	.0	2992.0		
3	0355	624	0.	.0	2992.0	*	5	11301291	0.	.0	2992.0	*	7	19051958	0.	.0	2992.0		
3	0400	625	0.	.0	2992.0	*	5	11351292	0.	.0	2992.0	*	7	19101959	0.	.0	2992.0		
3	0405	626	0.	.0	2992.0	*	5	11401293	0.	.0	2992.0	*	7	19151960	0.	.0	2992.0		
3	0410	627	0.	.0	2992.0	*	5	11451294	0.	.0	2992.0	*	7	19201961	0.	.0	2992.0		
3	0415	628	0.	.0	2992.0	*	5	11501295	0.	.0	2992.0	*	7	19251962	0.	.0	2992.0		
3	0420	629	0.	.0	2992.0	*	5	11551296	0.	.0	2992.0	*	7	19301963	0.	.0	2992.0		
3	0425	630	0.	.0	2992.0	*	5	12001297	0.	.0	2992.0	*	7	19351964	0.	.0	2992.0		
3	0430	631	0.	.0	2992.0	*	5	12051298	0.	.0	2992.0	*	7	19401965	0.	.0	2992.0		
3	0435	632	0.	.0	2992.0	*	5	12101299	0.	.0	2992.0	*	7	19451966	0.	.0	2992.0		
3	0440	633	0.	.0	2992.0	*	5	12151300	0.	.0	2992.0	*	7	19501967	0.	.0	2992.0		
3	0445	634	0.	.0	2992.0	*	5	12201301	0.	.0	2992.0	*	7	19551968	0.	.0	2992.0		
3	0450	635	0.	.0	2992.0	*	5	12251302	0.	.0	2992.0	*	7	20001969	0.	.0	2992.0		
3	0455	636	0.	.0	2992.0	*	5	12301303	0.	.0	2992.0	*	7	20051970	0.	.0	2992.0		
3	0500	637	0.	.0	2992.0	*	5	12351304	0.	.0	2992.0	*	7	20101971	0.	.0	2992.0		
3	0505	638	0.	.0	2992.0	*	5	12401305	0.	.0	2992.0	*	7	20151972	0.	.0	2992.0		
3	0510	639	0.	.0	2992.0	*	5	12451306	0.	.0	2992.0	*	7	20201973	0.	.0	2992.0		
3	0515	640	0.	.0	2992.0	*	5	12501307	0.	.0	2992.0	*	7	20251974	0.	.0	2992.0		
3	0520	641	0.	.0	2992.0	*	5	12551308	0.	.0	2992.0	*	7	20301975	0.	.0	2992.0		
3	0525	642	0.	.0	2992.0	*	5	13001309	0.	.0	2992.0	*	7	20351976	0.	.0	2992.0		
3	0530	643	0.	.0	2992.0	*	5	13051310	0.	.0	2992.0	*	7	20401977	0.	.0	2992.0		
3	0535	644	0.	.0	2992.0	*	5	13101311	0.	.0	2992.0	*	7	20451978	0.	.0	2992.0		
3	0540	645	0.	.0	2992.0	*	5	13151312	0.	.0	2992.0	*	7	20501979	0.	.0	2992.0		
3	0545	646	0.	.0	2992.0	*	5	13201313	0.	.0	2992.0	*	7	20551980	0.	.0	2992.0		
3	0550	647	0.	.0	2992.0	*	5	13251314	0.	.0	2992.0	*	7	21001981	0.	.0	2992.0		
3	0555	648	0.	.0	2992.0	*	5	13301315	0.	.0	2992.0	*	7	21051982	0.	.0	2992.0		
3	0600	649	0.	.0	2992.0	*	5	13351316	0.	.0	2992.0	*	7	21101983	0.	.0	2992.0		
3	0605	650	0.	.0	2992.0	*	5	13401317	0.	.0	2992.0	*	7	21151984	0.	.0	2992.0		
3	0610	651	0.	.0	2992.0	*	5	13451318	0.	.0	2992.0	*	7	21201985	0.	.0	2992.0		
3	0615	652	0.	.0	2992.0	*	5	13501319	0.	.0	2992.0	*	7	21251986	0.	.0	2992.0		
3	0620	653	0.	.0	2992.0	*	5	13551320	0.	.0	2992.0	*	7	21301987	0.	.0	2992.0		
3	0625	654	0.	.0	2992.0	*	5	14001321	0.	.0	2992.0	*	7	21351988	0.	.0	2992.0		
3	0630	655	0.	.0	2992.0	*	5	14051322	0.	.0	2992.0	*	7	21401989	0.	.0	2992.0		
3	0635	656	0.	.0	2992.0	*	5	14101323	0.	.0	2992.0	*	7	21451990	0.	.0	2992.0		
3	0640	657	0.	.0	2992.0	*	5	14151324	0.	.0	2992.0	*	7	21501991	0.	.0	2992.0		
3	0645	658	0.	.0	2992.0	*	5	14201325	0.	.0	2992.0	*	7	21551992	0.	.0	2992.0		
3	0650	659	0.	.0	2992.0	*	5	14251326	0.	.0	2992.0	*	7	22001993	0.	.0	2992.0		
3	0655	660	0.	.0	2992.0	*	5	14301327	0.	.0	2992.0	*	7	22051994	0.	.0	2992.0		
3	0700	661	0.	.0	2992.0	*	5	14351328	0.	.0	2992.0	*	7	22101995	0.	.0	2992.0		
3	0705	662	0.	.0	2992.0	*	5	14401329	0.	.0	2992.0	*	7	22151996	0.	.0	2992.0		
3	0710	663	0.	.0	2992.0	*	5	14451330	0.	.0	2992.0	*	7	22201997	0.	.0	2992.0		
3	0715	664	0.	.0	2992.0	*	5	14501331	0.	.0	2992.0	*	7	22251998	0.	.0	2992.0		
3	0720	665	0.	.0	2992.0	*	5	14551332	0.	.0	2992.0	*	7	22301999	0.	.0	2992.0		
3	0725	666	0.	.0	2992.0	*	5	15001333	0.	.0	2992.0	*	7	22352000	0.	.0	2992.0		
3	0730	667	0.	.0	2992.0	*	5	15051334	0.	.0	2992.0	*							

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PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	166.58-HR
+ (CFS)	(HR)				
	(CFS)				
+ 68.	5.25	62.	23.	8.	3.
	(INCHES)	1.023	1.493	1.493	1.493
	(AC-FT)	31.	45.	45.	45.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (AC-FT)	(HR)				
31.	5.25	22.	6.	2.	1.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	166.58-HR
+ (FEET)	(HR)				
3001.46	5.25	2999.26	2994.10	2992.70	2992.30

CUMULATIVE AREA = .57 SQ MI

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HYDROGRAPH AT STATION RDB2
PLAN 1, RATIO = .90

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	0.	.0	2992.0	3	0735		668	0.	.0	2992.0	5	15101335			0.	.0	2992.0
1	0005		2	0.	.0	2992.0	3	0740		669	0.	.0	2992.0	5	15151336			0.	.0	2992.0
1	0010		3	0.	.0	2992.0	3	0745		670	0.	.0	2992.0	5	15201337			0.	.0	2992.0
1	0015		4	0.	.0	2992.0	3	0750		671	0.	.0	2992.0	5	15251338			0.	.0	2992.0
1	0020		5	0.	.0	2992.0	3	0755		672	0.	.0	2992.0	5	15301339			0.	.0	2992.0
1	0025		6	0.	.0	2992.0	3	0800		673	0.	.0	2992.0	5	15351340			0.	.0	2992.0
1	0030		7	1.	.0	2992.0	3	0805		674	0.	.0	2992.0	5	15401341			0.	.0	2992.0

												ULT							
1	0035	8	1.	.0	2992.0	*	3	0810	675	0.	.0	2992.0	*	5	15451342	0.	.0	2992.0	
1	0040	9	1.	.1	2992.0	*	3	0815	676	0.	.0	2992.0	*	5	15501343	0.	.0	2992.0	
1	0045	10	1.	.1	2992.0	*	3	0820	677	0.	.0	2992.0	*	5	15551344	0.	.0	2992.0	
1	0050	11	1.	.1	2992.0	*	3	0825	678	0.	.0	2992.0	*	5	16001345	0.	.0	2992.0	
1	0055	12	1.	.1	2992.0	*	3	0830	679	0.	.0	2992.0	*	5	16051346	0.	.0	2992.0	
1	0100	13	1.	.1	2992.0	*	3	0835	680	0.	.0	2992.0	*	5	16101347	0.	.0	2992.0	
1	0105	14	1.	.1	2992.0	*	3	0840	681	0.	.0	2992.0	*	5	16151348	0.	.0	2992.0	
1	0110	15	1.	.1	2992.0	*	3	0845	682	0.	.0	2992.0	*	5	16201349	0.	.0	2992.0	
1	0115	16	1.	.1	2992.0	*	3	0850	683	0.	.0	2992.0	*	5	16251350	0.	.0	2992.0	
1	0120	17	1.	.1	2992.0	*	3	0855	684	0.	.0	2992.0	*	5	16301351	0.	.0	2992.0	
1	0125	18	2.	.1	2992.0	*	3	0900	685	0.	.0	2992.0	*	5	16351352	0.	.0	2992.0	
1	0130	19	2.	.1	2992.1	*	3	0905	686	0.	.0	2992.0	*	5	16401353	0.	.0	2992.0	
1	0135	20	3.	.2	2992.1	*	3	0910	687	0.	.0	2992.0	*	5	16451354	0.	.0	2992.0	
1	0140	21	5.	.2	2992.1	*	3	0915	688	0.	.0	2992.0	*	5	16501355	0.	.0	2992.0	
1	0145	22	6.	.3	2992.1	*	3	0920	689	0.	.0	2992.0	*	5	16551356	0.	.0	2992.0	
1	0150	23	8.	.4	2992.2	*	3	0925	690	0.	.0	2992.0	*	5	17001357	0.	.0	2992.0	
1	0155	24	9.	.5	2992.2	*	3	0930	691	0.	.0	2992.0	*	5	17051358	0.	.0	2992.0	
1	0200	25	10.	.5	2992.2	*	3	0935	692	0.	.0	2992.0	*	5	17101359	0.	.0	2992.0	
1	0205	26	10.	.5	2992.2	*	3	0940	693	0.	.0	2992.0	*	5	17151360	0.	.0	2992.0	
1	0210	27	10.	.5	2992.2	*	3	0945	694	0.	.0	2992.0	*	5	17201361	0.	.0	2992.0	
1	0215	28	10.	.5	2992.2	*	3	0950	695	0.	.0	2992.0	*	5	17251362	0.	.0	2992.0	
1	0220	29	11.	.6	2992.3	*	3	0955	696	0.	.0	2992.0	*	5	17301363	0.	.0	2992.0	
1	0225	30	13.	.7	2992.3	*	3	1000	697	0.	.0	2992.0	*	5	17351364	0.	.0	2992.0	
1	0230	31	16.	.8	2992.4	*	3	1005	698	0.	.0	2992.0	*	5	17401365	0.	.0	2992.0	
1	0235	32	18.	.9	2992.4	*	3	1010	699	0.	.0	2992.0	*	5	17451366	0.	.0	2992.0	
1	0240	33	19.	1.0	2992.4	*	3	1015	700	0.	.0	2992.0	*	5	17501367	0.	.0	2992.0	
1	0245	34	20.	1.1	2992.5	*	3	1020	701	0.	.0	2992.0	*	5	17551368	0.	.0	2992.0	
1	0250	35	22.	1.2	2992.5	*	3	1025	702	0.	.0	2992.0	*	5	18001369	0.	.0	2992.0	
1	0255	36	23.	1.2	2992.5	*	3	1030	703	0.	.0	2992.0	*	5	18051370	0.	.0	2992.0	
1	0300	37	24.	1.3	2992.5	*	3	1035	704	0.	.0	2992.0	*	5	18101371	0.	.0	2992.0	
1	0305	38	25.	1.3	2992.6	*	3	1040	705	0.	.0	2992.0	*	5	18151372	0.	.0	2992.0	
1	0310	39	28.	1.5	2992.6	*	3	1045	706	0.	.0	2992.0	*	5	18201373	0.	.0	2992.0	
1	0315	40	35.	1.8	2992.8	*	3	1050	707	0.	.0	2992.0	*	5	18251374	0.	.0	2992.0	
1	0320	41	45.	2.5	2993.1	*	3	1055	708	0.	.0	2992.0	*	5	18301375	0.	.0	2992.0	
1	0325	42	46.	3.8	2993.6	*	3	1100	709	0.	.0	2992.0	*	5	18351376	0.	.0	2992.0	
1	0330	43	49.	6.1	2994.4	*	3	1105	710	0.	.0	2992.0	*	5	18401377	0.	.0	2992.0	
1	0335	44	52.	9.2	2995.5	*	3	1110	711	0.	.0	2992.0	*	5	18451378	0.	.0	2992.0	
1	0340	45	55.	12.7	2996.5	*	3	1115	712	0.	.0	2992.0	*	5	18501379	0.	.0	2992.0	
1	0345	46	58.	16.2	2997.6	*	3	1120	713	0.	.0	2992.0	*	5	18551380	0.	.0	2992.0	
1	0350	47	61.	19.2	2998.5	*	3	1125	714	0.	.0	2992.0	*	5	19001381	0.	.0	2992.0	
1	0355	48	62.	21.5	2999.2	*	3	1130	715	0.	.0	2992.0	*	5	19051382	0.	.0	2992.0	
1	0400	49	64.	23.2	2999.7	*	3	1135	716	0.	.0	2992.0	*	5	19101383	0.	.0	2992.0	
1	0405	50	65.	24.5	3000.0	*	3	1140	717	0.	.0	2992.0	*	5	19151384	0.	.0	2992.0	
1	0410	51	65.	25.4	3000.2	*	3	1145	718	0.	.0	2992.0	*	5	19201385	0.	.0	2992.0	
1	0415	52	66.	26.0	3000.4	*	3	1150	719	0.	.0	2992.0	*	5	19251386	0.	.0	2992.0	
1	0420	53	66.	26.4	3000.5	*	3	1155	720	0.	.0	2992.0	*	5	19301387	0.	.0	2992.0	
1	0425	54	66.	26.6	3000.5	*	3	1200	721	0.	.0	2992.0	*	5	19351388	0.	.0	2992.0	
1	0430	55	66.	26.8	3000.6	*	3	1205	722	0.	.0	2992.0	*	5	19401389	0.	.0	2992.0	
1	0435	56	66.	27.1	3000.6	*	3	1210	723	0.	.0	2992.0	*	5	19451390	0.	.0	2992.0	
1	0440	57	66.	27.5	3000.7	*	3	1215	724	0.	.0	2992.0	*	5	19501391	0.	.0	2992.0	
1	0445	58	66.	28.0	3000.8	*	3	1220	725	0.	.0	2992.0	*	5	19551392	0.	.0	2992.0	
1	0450	59	67.	28.5	3001.0	*	3	1225	726	0.	.0	2992.0	*	5	20001393	0.	.0	2992.0	
1	0455	60	67.	29.0	3001.1	*	3	1230	727	0.	.0	2992.0	*	5	20051394	0.	.0	2992.0	
1	0500	61	67.	29.5	3001.2	*	3	1235	728	0.	.0	2992.0	*	5	20101395	0.	.0	2992.0	
1	0505	62	67.	29.8	3001.3	*	3	1240	729	0.	.0	2992.0	*	5	20151396	0.	.0	2992.0	
1	0510	63	67.	30.0	3001.3	*	3	1245	730	0.	.0	2992.0	*	5	20201397	0.	.0	2992.0	
1	0515	64	68.	30.1	3001.3	*	3	1250	731	0.	.0	2992.0	*	5	20251398	0.	.0	2992.0	
1	0520	65	67.	30.0	3001.3	*	3	1255	732	0.	.0	2992.0	*	5	20301399	0.	.0	2992.0	
1	0525	66	67.	29.9	3001.3	*	3	1300	733	0.	.0	2992.0	*	5	20351400	0.	.0	2992.0	
1	0530	67	67.	29.6	3001.2	*	3	1305	734	0.	.0	2992.0	*	5	20401401	0.	.0	2992.0	
1	0535	68	67.	29.3	3001.1	*	3	1310	735	0.	.0	2992.0	*	5	20451402	0.	.0	2992.0	
1	0540	69	67.	29.0	3001.1	*	3	1315	736	0.	.0	2992.0	*	5	20501403	0.	.0	2992.0	
1	0545	70	67.	28.7	3001.0	*	3	1320	737	0.	.0	2992.0	*	5	20551404	0.	.0	2992.0	
1	0550	71	67.	28.3	3000.9	*	3	1325	738	0.	.0	2992.0	*	5	21001405	0.	.0	2992.0	
1	0555	72	66.	28.0	3000.8	*	3	1330	739	0.	.0	2992.0	*	5	21051406	0.	.0	2992.0	
1	0600	73	66.	27.6	3000.7	*	3	1335	740	0.	.0	2992.0	*	5	21101407	0.	.0	2992.0	
1	0605	74	66.	27.2	3000.7	*	3	1340	741	0.	.0	2992.0	*	5	21151408	0.	.0	2992.0	
1	0610	75	66.	26.8	3000.6	*	3	1345	742	0.	.0	2992.0	*	5	21201409	0.	.0	2992.0	
1	0615	76	66.	26.4	3000.5	*	3	1350	743	0.	.0	2992.0	*	5	21251410	0.	.0	2992.0	
1	0620	77	66.	26.0	3000.4	*	3	1355	744	0.	.0	2992.0	*	5	21301411	0.	.0	2992.0	
1	0625	78	65.	25.6	3000.3	*	3	1400	745	0.	.0	2992.0	*	5	21351412	0.	.0	2992.0	
1	0630	79	65.	25.1	3000.2	*	3	1405	746	0.	.0	2992.0	*	5	21401413	0.	.0	2992.0	
1	0635	80	65.	24.7	3000.1	*	3	1410	747	0.	.0	2992.0	*	5	21451414	0.	.0	2992.0	
1	0640	81	65.	24.3	3000.0	*	3	1415	748	0.	.0	2992.0	*	5	21501415	0.	.0	2992.0	
1	0645	82	64.	23.8	2999.9	*	3	1420	749	0.	.0	2992.0	*	5	21551416	0.	.0	2992.0	
1	0650	83	64.	23.4	2999.7	*	3	1425	750	0.	.0	2992.0	*	5	22001417	0.	.0	2992.0	
1	0655	84	64.	22.9	2999.6	*	3	1430	751	0.	.0	2992.0	*	5	22051418	0.	.0	2992.0	
1	0700	85	63.	22.5	2999.5	*	3	1435	752	0.	.0	2992.0	*	5	22101419	0.	.0	2992.0	
1	0705	86	63.	22.1	2999.3	*	3	1440	753	0.	.0	2992.0	*	5	22151420	0.	.0	2992.0	
1	0710	87	63.	21.6	2999.2	*	3	1445	754	0.	.0	2992.0	*	5	22201421	0.	.0	2992.0	
1	0715	88	62.	21.2	2999.1	*	3	1450	755	0.	.0	2992.0	*	5	22251422	0.	.0	2992.0	
1	0720	89	62.	20.8	2998.9	*	3	1455	756	0.	.0	2992.0	*	5	22301423	0.	.0	2992.0	
1	0725	90	61.	20.4	2998.8	*	3	1500	757	0.	.0	2992.0	*	5	22351424	0.	.0	2992.0	
1	0730	91	61.	19.9	2998.7	*	3	1505	758	0.	.0	2992.0	*	5	22401425	0.	.0	2992.0	
1	0735	92	61.	19.5	2998.6	*	3	1510	759	0.	.0	2992.0	*	5	22451426	0.	.0	2992.0	
1	0740	93	60.	19.1	2998.4	*	3	1515	760	0.	.0	2992.0	*	5	22501427	0.	.0	2992.0	
1	0745	94	60.	18.7	2998.3	*	3	1520	761	0.	.0	2992.0	*	5	22551428	0.	.0	2992.0	
1	0750	95	60.	18.3	2998.2	*	3	1525	762	0.	.0	2992.0	*	5	23001429	0.	.0	2992.0	
1	0755	96	59.	17.9	2998.1	*	3	1530	763	0.	.0	2992.0	*	5	23051430	0.	.0	2992.0	

												ULT						
1	0800	97	59.	17.5	2997.9	*	3	1535	764	0.	.0	2992.0	*	5	23101431	0.	.0	2992.0
1	0805	98	59.	17.0	2997.8	*	3	1540	765	0.	.0	2992.0	*	5	23151432	0.	.0	2992.0
1	0810	99	58.	16.6	2997.7	*	3	1545	766	0.	.0	2992.0	*	5	23201433	0.	.0	2992.0
1	0815	100	58.	16.2	2997.6	*	3	1550	767	0.	.0	2992.0	*	5	23251434	0.	.0	2992.0
1	0820	101	58.	15.8	2997.5	*	3	1555	768	0.	.0	2992.0	*	5	23301435	0.	.0	2992.0
1	0825	102	57.	15.4	2997.3	*	3	1600	769	0.	.0	2992.0	*	5	23351436	0.	.0	2992.0
1	0830	103	57.	15.1	2997.2	*	3	1605	770	0.	.0	2992.0	*	5	23401437	0.	.0	2992.0
1	0835	104	57.	14.7	2997.1	*	3	1610	771	0.	.0	2992.0	*	5	23451438	0.	.0	2992.0
1	0840	105	56.	14.3	2997.0	*	3	1615	772	0.	.0	2992.0	*	5	23501439	0.	.0	2992.0
1	0845	106	56.	13.9	2996.9	*	3	1620	773	0.	.0	2992.0	*	5	23551440	0.	.0	2992.0
1	0850	107	56.	13.5	2996.8	*	3	1625	774	0.	.0	2992.0	*	6	00001441	0.	.0	2992.0
1	0855	108	56.	13.1	2996.6	*	3	1630	775	0.	.0	2992.0	*	6	00051442	0.	.0	2992.0
1	0900	109	55.	12.7	2996.5	*	3	1635	776	0.	.0	2992.0	*	6	00101443	0.	.0	2992.0
1	0905	110	55.	12.3	2996.4	*	3	1640	777	0.	.0	2992.0	*	6	00151444	0.	.0	2992.0
1	0910	111	55.	12.0	2996.3	*	3	1645	778	0.	.0	2992.0	*	6	00201445	0.	.0	2992.0
1	0915	112	54.	11.6	2996.2	*	3	1650	779	0.	.0	2992.0	*	6	00251446	0.	.0	2992.0
1	0920	113	54.	11.2	2996.1	*	3	1655	780	0.	.0	2992.0	*	6	00301447	0.	.0	2992.0
1	0925	114	54.	10.9	2996.0	*	3	1700	781	0.	.0	2992.0	*	6	00351448	0.	.0	2992.0
1	0930	115	53.	10.5	2995.9	*	3	1705	782	0.	.0	2992.0	*	6	00401449	0.	.0	2992.0
1	0935	116	53.	10.1	2995.8	*	3	1710	783	0.	.0	2992.0	*	6	00451450	0.	.0	2992.0
1	0940	117	53.	9.8	2995.6	*	3	1715	784	0.	.0	2992.0	*	6	00501451	0.	.0	2992.0
1	0945	118	53.	9.4	2995.5	*	3	1720	785	0.	.0	2992.0	*	6	00551452	0.	.0	2992.0
1	0950	119	52.	9.0	2995.4	*	3	1725	786	0.	.0	2992.0	*	6	01001453	0.	.0	2992.0
1	0955	120	52.	8.7	2995.3	*	3	1730	787	0.	.0	2992.0	*	6	01051454	0.	.0	2992.0
1	1000	121	52.	8.3	2995.2	*	3	1735	788	0.	.0	2992.0	*	6	01101455	0.	.0	2992.0
1	1005	122	51.	8.0	2995.1	*	3	1740	789	0.	.0	2992.0	*	6	01151456	0.	.0	2992.0
1	1010	123	51.	7.6	2995.0	*	3	1745	790	0.	.0	2992.0	*	6	01201457	0.	.0	2992.0
1	1015	124	51.	7.3	2994.9	*	3	1750	791	0.	.0	2992.0	*	6	01251458	0.	.0	2992.0
1	1020	125	50.	6.9	2994.7	*	3	1755	792	0.	.0	2992.0	*	6	01301459	0.	.0	2992.0
1	1025	126	50.	6.6	2994.6	*	3	1800	793	0.	.0	2992.0	*	6	01351460	0.	.0	2992.0
1	1030	127	49.	6.2	2994.5	*	3	1805	794	0.	.0	2992.0	*	6	01401461	0.	.0	2992.0
1	1035	128	49.	5.9	2994.3	*	3	1810	795	0.	.0	2992.0	*	6	01451462	0.	.0	2992.0
1	1040	129	48.	5.6	2994.2	*	3	1815	796	0.	.0	2992.0	*	6	01501463	0.	.0	2992.0
1	1045	130	48.	5.2	2994.1	*	3	1820	797	0.	.0	2992.0	*	6	01551464	0.	.0	2992.0
1	1050	131	48.	4.9	2994.0	*	3	1825	798	0.	.0	2992.0	*	6	02001465	0.	.0	2992.0
1	1055	132	47.	4.6	2993.8	*	3	1830	799	0.	.0	2992.0	*	6	02051466	0.	.0	2992.0
1	1100	133	47.	4.2	2993.7	*	3	1835	800	0.	.0	2992.0	*	6	02101467	0.	.0	2992.0
1	1105	134	46.	3.9	2993.6	*	3	1840	801	0.	.0	2992.0	*	6	02151468	0.	.0	2992.0
1	1110	135	46.	3.6	2993.5	*	3	1845	802	0.	.0	2992.0	*	6	02201469	0.	.0	2992.0
1	1115	136	46.	3.3	2993.4	*	3	1850	803	0.	.0	2992.0	*	6	02251470	0.	.0	2992.0
1	1120	137	45.	3.0	2993.2	*	3	1855	804	0.	.0	2992.0	*	6	02301471	0.	.0	2992.0
1	1125	138	45.	2.7	2993.1	*	3	1900	805	0.	.0	2992.0	*	6	02351472	0.	.0	2992.0
1	1130	139	44.	2.4	2993.0	*	3	1905	806	0.	.0	2992.0	*	6	02401473	0.	.0	2992.0
1	1135	140	39.	2.1	2992.9	*	3	1910	807	0.	.0	2992.0	*	6	02451474	0.	.0	2992.0
1	1140	141	34.	1.8	2992.8	*	3	1915	808	0.	.0	2992.0	*	6	02501475	0.	.0	2992.0
1	1145	142	30.	1.6	2992.7	*	3	1920	809	0.	.0	2992.0	*	6	02551476	0.	.0	2992.0
1	1150	143	26.	1.4	2992.6	*	3	1925	810	0.	.0	2992.0	*	6	03001477	0.	.0	2992.0
1	1155	144	23.	1.2	2992.5	*	3	1930	811	0.	.0	2992.0	*	6	03051478	0.	.0	2992.0
1	1200	145	20.	1.1	2992.5	*	3	1935	812	0.	.0	2992.0	*	6	03101479	0.	.0	2992.0
1	1205	146	18.	.9	2992.4	*	3	1940	813	0.	.0	2992.0	*	6	03151480	0.	.0	2992.0
1	1210	147	16.	.8	2992.4	*	3	1945	814	0.	.0	2992.0	*	6	03201481	0.	.0	2992.0
1	1215	148	14.	.7	2992.3	*	3	1950	815	0.	.0	2992.0	*	6	03251482	0.	.0	2992.0
1	1220	149	12.	.6	2992.3	*	3	1955	816	0.	.0	2992.0	*	6	03301483	0.	.0	2992.0
1	1225	150	11.	.6	2992.2	*	3	2000	817	0.	.0	2992.0	*	6	03351484	0.	.0	2992.0
1	1230	151	9.	.5	2992.2	*	3	2005	818	0.	.0	2992.0	*	6	03401485	0.	.0	2992.0
1	1235	152	8.	.4	2992.2	*	3	2010	819	0.	.0	2992.0	*	6	03451486	0.	.0	2992.0
1	1240	153	7.	.4	2992.2	*	3	2015	820	0.	.0	2992.0	*	6	03501487	0.	.0	2992.0
1	1245	154	6.	.3	2992.1	*	3	2020	821	0.	.0	2992.0	*	6	03551488	0.	.0	2992.0
1	1250	155	5.	.3	2992.1	*	3	2025	822	0.	.0	2992.0	*	6	04001489	0.	.0	2992.0
1	1255	156	5.	.3	2992.1	*	3	2030	823	0.	.0	2992.0	*	6	04051490	0.	.0	2992.0
1	1300	157	4.	.2	2992.1	*	3	2035	824	0.	.0	2992.0	*	6	04101491	0.	.0	2992.0
1	1305	158	4.	.2	2992.1	*	3	2040	825	0.	.0	2992.0	*	6	04151492	0.	.0	2992.0
1	1310	159	3.	.2	2992.1	*	3	2045	826	0.	.0	2992.0	*	6	04201493	0.	.0	2992.0
1	1315	160	3.	.2	2992.1	*	3	2050	827	0.	.0	2992.0	*	6	04251494	0.	.0	2992.0
1	1320	161	3.	.1	2992.1	*	3	2055	828	0.	.0	2992.0	*	6	04301495	0.	.0	2992.0
1	1325	162	2.	.1	2992.0	*	3	2100	829	0.	.0	2992.0	*	6	04351496	0.	.0	2992.0
1	1330	163	2.	.1	2992.0	*	3	2105	830	0.	.0	2992.0	*	6	04401497	0.	.0	2992.0
1	1335	164	2.	.1	2992.0	*	3	2110	831	0.	.0	2992.0	*	6	04451498	0.	.0	2992.0
1	1340	165	1.	.1	2992.0	*	3	2115	832	0.	.0	2992.0	*	6	04501499	0.	.0	2992.0
1	1345	166	1.	.1	2992.0	*	3	2120	833	0.	.0	2992.0	*	6	04551500	0.	.0	2992.0
1	1350	167	1.	.1	2992.0	*	3	2125	834	0.	.0	2992.0	*	6	05001501	0.	.0	2992.0
1	1355	168	1.	.1	2992.0	*	3	2130	835	0.	.0	2992.0	*	6	05051502	0.	.0	2992.0
1	1400	169	1.	.0	2992.0	*	3	2135	836	0.	.0	2992.0	*	6	05101503	0.	.0	2992.0
1	1405	170	1.	.0	2992.0	*	3	2140	837	0.	.0	2992.0	*	6	05151504	0.	.0	2992.0
1	1410	171	1.	.0	2992.0	*	3	2145	838	0.	.0	2992.0	*	6	05201505	0.	.0	2992.0
1	1415	172	1.	.0	2992.0	*	3	2150	839	0.	.0	2992.0	*	6	05251506	0.	.0	2992.0
1	1420	173	1.	.0	2992.0	*	3	2155	840	0.	.0	2992.0	*	6	05301507	0.	.0	2992.0
1	1425	174	0.	.0	2992.0	*	3	2200	841	0.	.0	2992.0	*	6	05351508	0.	.0	2992.0
1	1430	175	0.	.0	2992.0	*	3	2205	842	0.	.0	2992.0	*	6	05401509	0.	.0	2992.0
1	1435	176	0.	.0	2992.0	*	3	2210	843	0.	.0	2992.0	*	6	05451510	0.	.0	2992.0
1	1440	177	0.	.0	2992.0	*	3	2215	844	0.	.0	2992.0	*	6	05501511	0.	.0	2992.0
1	1445	178	0.	.0	2992.0	*	3	2220	845	0.	.0	2992.0	*	6	05551512	0.	.0	2992.0
1	1450	179	0.	.0	2992.0	*	3	2225	846	0.	.0	2992.0	*	6	06001513	0.	.0	2992.0
1	1455	180	0.	.0	2992.0	*	3	2230	847	0.	.0	2992.0	*	6	06051514	0.	.0	2992.0
1	1500	181	0.	.0	2992.0	*	3	2235	848	0.	.0	2992.0	*	6	06101515	0.	.0	2992.0
1	1505	182	0.	.0	2992.0	*	3	2240	849	0.	.0	2992.0	*	6	06151516	0.	.0	2992.0
1	1510	183	0.	.0	2992.0	*	3	2245	850	0.	.0	2992.0	*	6	06201517	0.	.0	2992.0
1	1515	184	0.	.0	2992.0	*	3	2250	851	0.	.0	2992.0	*	6	06251518	0.	.0	2992.0
1	1520	185	0.	.0	2992.0	*	3	2255	852	0.	.0	2992.0	*	6	06301519	0.	.0	2992.0

												ULT							
1	1525	186	0.	.0	2992.0	*	3	2300	853	0.	.0	2992.0	*	6	06351520	0.	.0	2992.0	
1	1530	187	0.	.0	2992.0	*	3	2305	854	0.	.0	2992.0	*	6	06401521	0.	.0	2992.0	
1	1535	188	0.	.0	2992.0	*	3	2310	855	0.	.0	2992.0	*	6	06451522	0.	.0	2992.0	
1	1540	189	0.	.0	2992.0	*	3	2315	856	0.	.0	2992.0	*	6	06501523	0.	.0	2992.0	
1	1545	190	0.	.0	2992.0	*	3	2320	857	0.	.0	2992.0	*	6	06551524	0.	.0	2992.0	
1	1550	191	0.	.0	2992.0	*	3	2325	858	0.	.0	2992.0	*	6	07001525	0.	.0	2992.0	
1	1555	192	0.	.0	2992.0	*	3	2330	859	0.	.0	2992.0	*	6	07051526	0.	.0	2992.0	
1	1600	193	0.	.0	2992.0	*	3	2335	860	0.	.0	2992.0	*	6	07101527	0.	.0	2992.0	
1	1605	194	0.	.0	2992.0	*	3	2340	861	0.	.0	2992.0	*	6	07151528	0.	.0	2992.0	
1	1610	195	0.	.0	2992.0	*	3	2345	862	0.	.0	2992.0	*	6	07201529	0.	.0	2992.0	
1	1615	196	0.	.0	2992.0	*	3	2350	863	0.	.0	2992.0	*	6	07251530	0.	.0	2992.0	
1	1620	197	0.	.0	2992.0	*	3	2355	864	0.	.0	2992.0	*	6	07301531	0.	.0	2992.0	
1	1625	198	0.	.0	2992.0	*	4	0000	865	0.	.0	2992.0	*	6	07351532	0.	.0	2992.0	
1	1630	199	0.	.0	2992.0	*	4	0005	866	0.	.0	2992.0	*	6	07401533	0.	.0	2992.0	
1	1635	200	0.	.0	2992.0	*	4	0010	867	0.	.0	2992.0	*	6	07451534	0.	.0	2992.0	
1	1640	201	0.	.0	2992.0	*	4	0015	868	0.	.0	2992.0	*	6	07501535	0.	.0	2992.0	
1	1645	202	0.	.0	2992.0	*	4	0020	869	0.	.0	2992.0	*	6	07551536	0.	.0	2992.0	
1	1650	203	0.	.0	2992.0	*	4	0025	870	0.	.0	2992.0	*	6	08001537	0.	.0	2992.0	
1	1655	204	0.	.0	2992.0	*	4	0030	871	0.	.0	2992.0	*	6	08051538	0.	.0	2992.0	
1	1700	205	0.	.0	2992.0	*	4	0035	872	0.	.0	2992.0	*	6	08101539	0.	.0	2992.0	
1	1705	206	0.	.0	2992.0	*	4	0040	873	0.	.0	2992.0	*	6	08151540	0.	.0	2992.0	
1	1710	207	0.	.0	2992.0	*	4	0045	874	0.	.0	2992.0	*	6	08201541	0.	.0	2992.0	
1	1715	208	0.	.0	2992.0	*	4	0050	875	0.	.0	2992.0	*	6	08251542	0.	.0	2992.0	
1	1720	209	0.	.0	2992.0	*	4	0055	876	0.	.0	2992.0	*	6	08301543	0.	.0	2992.0	
1	1725	210	0.	.0	2992.0	*	4	0100	877	0.	.0	2992.0	*	6	08351544	0.	.0	2992.0	
1	1730	211	0.	.0	2992.0	*	4	0105	878	0.	.0	2992.0	*	6	08401545	0.	.0	2992.0	
1	1735	212	0.	.0	2992.0	*	4	0110	879	0.	.0	2992.0	*	6	08451546	0.	.0	2992.0	
1	1740	213	0.	.0	2992.0	*	4	0115	880	0.	.0	2992.0	*	6	08501547	0.	.0	2992.0	
1	1745	214	0.	.0	2992.0	*	4	0120	881	0.	.0	2992.0	*	6	08551548	0.	.0	2992.0	
1	1750	215	0.	.0	2992.0	*	4	0125	882	0.	.0	2992.0	*	6	09001549	0.	.0	2992.0	
1	1755	216	0.	.0	2992.0	*	4	0130	883	0.	.0	2992.0	*	6	09051550	0.	.0	2992.0	
1	1800	217	0.	.0	2992.0	*	4	0135	884	0.	.0	2992.0	*	6	09101551	0.	.0	2992.0	
1	1805	218	0.	.0	2992.0	*	4	0140	885	0.	.0	2992.0	*	6	09151552	0.	.0	2992.0	
1	1810	219	0.	.0	2992.0	*	4	0145	886	0.	.0	2992.0	*	6	09201553	0.	.0	2992.0	
1	1815	220	0.	.0	2992.0	*	4	0150	887	0.	.0	2992.0	*	6	09251554	0.	.0	2992.0	
1	1820	221	0.	.0	2992.0	*	4	0155	888	0.	.0	2992.0	*	6	09301555	0.	.0	2992.0	
1	1825	222	0.	.0	2992.0	*	4	0200	889	0.	.0	2992.0	*	6	09351556	0.	.0	2992.0	
1	1830	223	0.	.0	2992.0	*	4	0205	890	0.	.0	2992.0	*	6	09401557	0.	.0	2992.0	
1	1835	224	0.	.0	2992.0	*	4	0210	891	0.	.0	2992.0	*	6	09451558	0.	.0	2992.0	
1	1840	225	0.	.0	2992.0	*	4	0215	892	0.	.0	2992.0	*	6	09501559	0.	.0	2992.0	
1	1845	226	0.	.0	2992.0	*	4	0220	893	0.	.0	2992.0	*	6	09551560	0.	.0	2992.0	
1	1850	227	0.	.0	2992.0	*	4	0225	894	0.	.0	2992.0	*	6	10001561	0.	.0	2992.0	
1	1855	228	0.	.0	2992.0	*	4	0230	895	0.	.0	2992.0	*	6	10051562	0.	.0	2992.0	
1	1900	229	0.	.0	2992.0	*	4	0235	896	0.	.0	2992.0	*	6	10101563	0.	.0	2992.0	
1	1905	230	0.	.0	2992.0	*	4	0240	897	0.	.0	2992.0	*	6	10151564	0.	.0	2992.0	
1	1910	231	0.	.0	2992.0	*	4	0245	898	0.	.0	2992.0	*	6	10201565	0.	.0	2992.0	
1	1915	232	0.	.0	2992.0	*	4	0250	899	0.	.0	2992.0	*	6	10251566	0.	.0	2992.0	
1	1920	233	0.	.0	2992.0	*	4	0255	900	0.	.0	2992.0	*	6	10301567	0.	.0	2992.0	
1	1925	234	0.	.0	2992.0	*	4	0300	901	0.	.0	2992.0	*	6	10351568	0.	.0	2992.0	
1	1930	235	0.	.0	2992.0	*	4	0305	902	0.	.0	2992.0	*	6	10401569	0.	.0	2992.0	
1	1935	236	0.	.0	2992.0	*	4	0310	903	0.	.0	2992.0	*	6	10451570	0.	.0	2992.0	
1	1940	237	0.	.0	2992.0	*	4	0315	904	0.	.0	2992.0	*	6	10501571	0.	.0	2992.0	
1	1945	238	0.	.0	2992.0	*	4	0320	905	0.	.0	2992.0	*	6	10551572	0.	.0	2992.0	
1	1950	239	0.	.0	2992.0	*	4	0325	906	0.	.0	2992.0	*	6	11001573	0.	.0	2992.0	
1	1955	240	0.	.0	2992.0	*	4	0330	907	0.	.0	2992.0	*	6	11051574	0.	.0	2992.0	
1	2000	241	0.	.0	2992.0	*	4	0335	908	0.	.0	2992.0	*	6	11101575	0.	.0	2992.0	
1	2005	242	0.	.0	2992.0	*	4	0340	909	0.	.0	2992.0	*	6	11151576	0.	.0	2992.0	
1	2010	243	0.	.0	2992.0	*	4	0345	910	0.	.0	2992.0	*	6	11201577	0.	.0	2992.0	
1	2015	244	0.	.0	2992.0	*	4	0350	911	0.	.0	2992.0	*	6	11251578	0.	.0	2992.0	
1	2020	245	0.	.0	2992.0	*	4	0355	912	0.	.0	2992.0	*	6	11301579	0.	.0	2992.0	
1	2025	246	0.	.0	2992.0	*	4	0400	913	0.	.0	2992.0	*	6	11351580	0.	.0	2992.0	
1	2030	247	0.	.0	2992.0	*	4	0405	914	0.	.0	2992.0	*	6	11401581	0.	.0	2992.0	
1	2035	248	0.	.0	2992.0	*	4	0410	915	0.	.0	2992.0	*	6	11451582	0.	.0	2992.0	
1	2040	249	0.	.0	2992.0	*	4	0415	916	0.	.0	2992.0	*	6	11501583	0.	.0	2992.0	
1	2045	250	0.	.0	2992.0	*	4	0420	917	0.	.0	2992.0	*	6	11551584	0.	.0	2992.0	
1	2050	251	0.	.0	2992.0	*	4	0425	918	0.	.0	2992.0	*	6	12001585	0.	.0	2992.0	
1	2055	252	0.	.0	2992.0	*	4	0430	919	0.	.0	2992.0	*	6	12051586	0.	.0	2992.0	
1	2100	253	0.	.0	2992.0	*	4	0435	920	0.	.0	2992.0	*	6	12101587	0.	.0	2992.0	
1	2105	254	0.	.0	2992.0	*	4	0440	921	0.	.0	2992.0	*	6	12151588	0.	.0	2992.0	
1	2110	255	0.	.0	2992.0	*	4	0445	922	0.	.0	2992.0	*	6	12201589	0.	.0	2992.0	
1	2115	256	0.	.0	2992.0	*	4	0450	923	0.	.0	2992.0	*	6	12251590	0.	.0	2992.0	
1	2120	257	0.	.0	2992.0	*	4	0455	924	0.	.0	2992.0	*	6	12301591	0.	.0	2992.0	
1	2125	258	0.	.0	2992.0	*	4	0500	925	0.	.0	2992.0	*	6	12351592	0.	.0	2992.0	
1	2130	259	0.	.0	2992.0	*	4	0505	926	0.	.0	2992.0	*	6	12401593	0.	.0	2992.0	
1	2135	260	0.	.0	2992.0	*	4	0510	927	0.	.0	2992.0	*	6	12451594	0.	.0	2992.0	
1	2140	261	0.	.0	2992.0	*	4	0515	928	0.	.0	2992.0	*	6	12501595	0.	.0	2992.0	
1	2145	262	0.	.0	2992.0	*	4	0520	929	0.	.0	2992.0	*	6	12551596	0.	.0	2992.0	
1	2150	263	0.	.0	2992.0	*	4	0525	930	0.	.0	2992.0	*	6	13001597	0.	.0	2992.0	
1	2155	264	0.	.0	2992.0	*	4	0530	931	0.	.0	2992.0	*	6	13051598	0.	.0	2992.0	
1	2200	265	0.	.0	2992.0	*	4	0535	932	0.	.0	2992.0	*	6	13101599	0.	.0	2992.0	
1	2205	266	0.	.0	2992.0	*	4	0540	933	0.	.0	2992.0	*	6	13151600	0.	.0	2992.0	
1	2210	267	0.	.0	2992.0	*	4	0545	934	0.	.0	2992.0	*	6	13201601	0.	.0	2992.0	
1	2215	268	0.	.0	2992.0	*	4	0550	935	0.	.0	2992.0	*	6	13251602	0.	.0	2992.0	
1	2220	269	0.	.0	2992.0	*	4	0555	936	0.	.0	2992.0	*	6	13301603	0.	.0	2992.0	
1	2225	270	0.	.0	2992.0	*	4	0600	937	0.	.0	2992.0	*	6	13351604	0.	.0	2992.0	
1	2230	271	0.	.0	2992.0	*	4	0605	938	0.	.0	2992.0	*	6	13401605	0.	.0	2992.0	
1	2235	272	0.	.0	2992.0	*	4	0610	939	0.	.0	2992.0	*	6	13451606	0.	.0	2992.0	
1	2240	273	0.	.0	2992.0	*	4	0615	940	0.	.0	2992.0	*	6	13501607	0.	.0	2992.0	
1	2245	274	0.	.0	2992.0	*	4	0620	941	0.	.0	2992.0	*	6	13551608	0.	.0	2992.0	

												ULT							
1	2250	275	0.	.0	2992.0	*	4	0625	942	0.	.0	2992.0	*	6	14001609	0.	.0	2992.0	
1	2255	276	0.	.0	2992.0	*	4	0630	943	0.	.0	2992.0	*	6	14051610	0.	.0	2992.0	
1	2300	277	0.	.0	2992.0	*	4	0635	944	0.	.0	2992.0	*	6	14101611	0.	.0	2992.0	
1	2305	278	0.	.0	2992.0	*	4	0640	945	0.	.0	2992.0	*	6	14151612	0.	.0	2992.0	
1	2310	279	0.	.0	2992.0	*	4	0645	946	0.	.0	2992.0	*	6	14201613	0.	.0	2992.0	
1	2315	280	0.	.0	2992.0	*	4	0650	947	0.	.0	2992.0	*	6	14251614	0.	.0	2992.0	
1	2320	281	0.	.0	2992.0	*	4	0655	948	0.	.0	2992.0	*	6	14301615	0.	.0	2992.0	
1	2325	282	0.	.0	2992.0	*	4	0700	949	0.	.0	2992.0	*	6	14351616	0.	.0	2992.0	
1	2330	283	0.	.0	2992.0	*	4	0705	950	0.	.0	2992.0	*	6	14401617	0.	.0	2992.0	
1	2335	284	0.	.0	2992.0	*	4	0710	951	0.	.0	2992.0	*	6	14451618	0.	.0	2992.0	
1	2340	285	0.	.0	2992.0	*	4	0715	952	0.	.0	2992.0	*	6	14501619	0.	.0	2992.0	
1	2345	286	0.	.0	2992.0	*	4	0720	953	0.	.0	2992.0	*	6	14551620	0.	.0	2992.0	
1	2350	287	0.	.0	2992.0	*	4	0725	954	0.	.0	2992.0	*	6	15001621	0.	.0	2992.0	
1	2355	288	0.	.0	2992.0	*	4	0730	955	0.	.0	2992.0	*	6	15051622	0.	.0	2992.0	
2	0000	289	0.	.0	2992.0	*	4	0735	956	0.	.0	2992.0	*	6	15101623	0.	.0	2992.0	
2	0005	290	0.	.0	2992.0	*	4	0740	957	0.	.0	2992.0	*	6	15151624	0.	.0	2992.0	
2	0010	291	0.	.0	2992.0	*	4	0745	958	0.	.0	2992.0	*	6	15201625	0.	.0	2992.0	
2	0015	292	0.	.0	2992.0	*	4	0750	959	0.	.0	2992.0	*	6	15251626	0.	.0	2992.0	
2	0020	293	0.	.0	2992.0	*	4	0755	960	0.	.0	2992.0	*	6	15301627	0.	.0	2992.0	
2	0025	294	0.	.0	2992.0	*	4	0800	961	0.	.0	2992.0	*	6	15351628	0.	.0	2992.0	
2	0030	295	0.	.0	2992.0	*	4	0805	962	0.	.0	2992.0	*	6	15401629	0.	.0	2992.0	
2	0035	296	0.	.0	2992.0	*	4	0810	963	0.	.0	2992.0	*	6	15451630	0.	.0	2992.0	
2	0040	297	0.	.0	2992.0	*	4	0815	964	0.	.0	2992.0	*	6	15501631	0.	.0	2992.0	
2	0045	298	0.	.0	2992.0	*	4	0820	965	0.	.0	2992.0	*	6	15551632	0.	.0	2992.0	
2	0050	299	0.	.0	2992.0	*	4	0825	966	0.	.0	2992.0	*	6	16001633	0.	.0	2992.0	
2	0055	300	0.	.0	2992.0	*	4	0830	967	0.	.0	2992.0	*	6	16051634	0.	.0	2992.0	
2	0100	301	0.	.0	2992.0	*	4	0835	968	0.	.0	2992.0	*	6	16101635	0.	.0	2992.0	
2	0105	302	0.	.0	2992.0	*	4	0840	969	0.	.0	2992.0	*	6	16151636	0.	.0	2992.0	
2	0110	303	0.	.0	2992.0	*	4	0845	970	0.	.0	2992.0	*	6	16201637	0.	.0	2992.0	
2	0115	304	0.	.0	2992.0	*	4	0850	971	0.	.0	2992.0	*	6	16251638	0.	.0	2992.0	
2	0120	305	0.	.0	2992.0	*	4	0855	972	0.	.0	2992.0	*	6	16301639	0.	.0	2992.0	
2	0125	306	0.	.0	2992.0	*	4	0900	973	0.	.0	2992.0	*	6	16351640	0.	.0	2992.0	
2	0130	307	0.	.0	2992.0	*	4	0905	974	0.	.0	2992.0	*	6	16401641	0.	.0	2992.0	
2	0135	308	0.	.0	2992.0	*	4	0910	975	0.	.0	2992.0	*	6	16451642	0.	.0	2992.0	
2	0140	309	0.	.0	2992.0	*	4	0915	976	0.	.0	2992.0	*	6	16501643	0.	.0	2992.0	
2	0145	310	0.	.0	2992.0	*	4	0920	977	0.	.0	2992.0	*	6	16551644	0.	.0	2992.0	
2	0150	311	0.	.0	2992.0	*	4	0925	978	0.	.0	2992.0	*	6	17001645	0.	.0	2992.0	
2	0155	312	0.	.0	2992.0	*	4	0930	979	0.	.0	2992.0	*	6	17051646	0.	.0	2992.0	
2	0200	313	0.	.0	2992.0	*	4	0935	980	0.	.0	2992.0	*	6	17101647	0.	.0	2992.0	
2	0205	314	0.	.0	2992.0	*	4	0940	981	0.	.0	2992.0	*	6	17151648	0.	.0	2992.0	
2	0210	315	0.	.0	2992.0	*	4	0945	982	0.	.0	2992.0	*	6	17201649	0.	.0	2992.0	
2	0215	316	0.	.0	2992.0	*	4	0950	983	0.	.0	2992.0	*	6	17251650	0.	.0	2992.0	
2	0220	317	0.	.0	2992.0	*	4	0955	984	0.	.0	2992.0	*	6	17301651	0.	.0	2992.0	
2	0225	318	0.	.0	2992.0	*	4	1000	985	0.	.0	2992.0	*	6	17351652	0.	.0	2992.0	
2	0230	319	0.	.0	2992.0	*	4	1005	986	0.	.0	2992.0	*	6	17401653	0.	.0	2992.0	
2	0235	320	0.	.0	2992.0	*	4	1010	987	0.	.0	2992.0	*	6	17451654	0.	.0	2992.0	
2	0240	321	0.	.0	2992.0	*	4	1015	988	0.	.0	2992.0	*	6	17501655	0.	.0	2992.0	
2	0245	322	0.	.0	2992.0	*	4	1020	989	0.	.0	2992.0	*	6	17551656	0.	.0	2992.0	
2	0250	323	0.	.0	2992.0	*	4	1025	990	0.	.0	2992.0	*	6	18001657	0.	.0	2992.0	
2	0255	324	0.	.0	2992.0	*	4	1030	991	0.	.0	2992.0	*	6	18051658	0.	.0	2992.0	
2	0300	325	0.	.0	2992.0	*	4	1035	992	0.	.0	2992.0	*	6	18101659	0.	.0	2992.0	
2	0305	326	0.	.0	2992.0	*	4	1040	993	0.	.0	2992.0	*	6	18151660	0.	.0	2992.0	
2	0310	327	0.	.0	2992.0	*	4	1045	994	0.	.0	2992.0	*	6	18201661	0.	.0	2992.0	
2	0315	328	0.	.0	2992.0	*	4	1050	995	0.	.0	2992.0	*	6	18251662	0.	.0	2992.0	
2	0320	329	0.	.0	2992.0	*	4	1055	996	0.	.0	2992.0	*	6	18301663	0.	.0	2992.0	
2	0325	330	0.	.0	2992.0	*	4	1100	997	0.	.0	2992.0	*	6	18351664	0.	.0	2992.0	
2	0330	331	0.	.0	2992.0	*	4	1105	998	0.	.0	2992.0	*	6	18401665	0.	.0	2992.0	
2	0335	332	0.	.0	2992.0	*	4	1110	999	0.	.0	2992.0	*	6	18451666	0.	.0	2992.0	
2	0340	333	0.	.0	2992.0	*	4	11151000		0.	.0	2992.0	*	6	18501667	0.	.0	2992.0	
2	0345	334	0.	.0	2992.0	*	4	11201001		0.	.0	2992.0	*	6	18551668	0.	.0	2992.0	
2	0350	335	0.	.0	2992.0	*	4	11251002		0.	.0	2992.0	*	6	19001669	0.	.0	2992.0	
2	0355	336	0.	.0	2992.0	*	4	11301003		0.	.0	2992.0	*	6	19051670	0.	.0	2992.0	
2	0400	337	0.	.0	2992.0	*	4	11351004		0.	.0	2992.0	*	6	19101671	0.	.0	2992.0	
2	0405	338	0.	.0	2992.0	*	4	11401005		0.	.0	2992.0	*	6	19151672	0.	.0	2992.0	
2	0410	339	0.	.0	2992.0	*	4	11451006		0.	.0	2992.0	*	6	19201673	0.	.0	2992.0	
2	0415	340	0.	.0	2992.0	*	4	11501007		0.	.0	2992.0	*	6	19251674	0.	.0	2992.0	
2	0420	341	0.	.0	2992.0	*	4	11551008		0.	.0	2992.0	*	6	19301675	0.	.0	2992.0	
2	0425	342	0.	.0	2992.0	*	4	12001009		0.	.0	2992.0	*	6	19351676	0.	.0	2992.0	
2	0430	343	0.	.0	2992.0	*	4	12051010		0.	.0	2992.0	*	6	19401677	0.	.0	2992.0	
2	0435	344	0.	.0	2992.0	*	4	12101011		0.	.0	2992.0	*	6	19451678	0.	.0	2992.0	
2	0440	345	0.	.0	2992.0	*	4	12151012		0.	.0	2992.0	*	6	19501679	0.	.0	2992.0	
2	0445	346	0.	.0	2992.0	*	4	12201013		0.	.0	2992.0	*	6	19551680	0.	.0	2992.0	
2	0450	347	0.	.0	2992.0	*	4	12251014		0.	.0	2992.0	*	6	20001681	0.	.0	2992.0	
2	0455	348	0.	.0	2992.0	*	4	12301015		0.	.0	2992.0	*	6	20051682	0.	.0	2992.0	
2	0500	349	0.	.0	2992.0	*	4	12351016		0.	.0	2992.0	*	6	20101683	0.	.0	2992.0	
2	0505	350	0.	.0	2992.0	*	4	12401017		0.	.0	2992.0	*	6	20151684	0.	.0	2992.0	
2	0510	351	0.	.0	2992.0	*	4	12451018		0.	.0	2992.0	*	6	20201685	0.	.0	2992.0	
2	0515	352	0.	.0	2992.0	*	4	12501019		0.	.0	2992.0	*	6	20251686	0.	.0	2992.0	
2	0520	353	0.	.0	2992.0	*	4	12551020		0.	.0	2992.0	*	6	20301687	0.	.0	2992.0	
2	0525	354	0.	.0	2992.0	*	4	13001021		0.	.0	2992.0	*	6	20351688	0.	.0	2992.0	
2	0530	355	0.	.0	2992.0	*	4	13051022		0.	.0	2992.0	*	6	20401689	0.	.0	2992.0	
2	0535	356	0.	.0	2992.0	*	4	13101023		0.	.0	2992.0	*	6	20451690	0.	.0	2992.0	
2	0540	357	0.	.0	2992.0	*	4	13151024		0.	.0	2992.0	*	6	20501691	0.	.0	2992.0	
2	0545	358	0.	.0	2992.0	*	4	13201025		0.	.0	2992.0	*	6	20551692	0.	.0	2992.0	
2	0550	359	0.	.0	2992.0	*	4	13251026		0.	.0	2992.0	*	6	21001693	0.	.0	2992.0	
2	0555	360	0.	.0	2992.0	*	4	13301027		0.	.0	2992.0	*	6	21051694	0.	.0	2992.0	
2	0600	361	0.	.0	2992.0	*	4	13351028		0.	.0	2992.0	*	6	21101695	0.	.0	2992.0	
2	0605	362	0.	.0	2992.0	*	4	13401029		0.	.0	2992.0	*	6	21151696	0.	.0	2992.0	
2	0610	363	0.	.0	2992.0	*	4	13451030		0.	.0	2992.0	*	6	21201697	0.	.0	2992.0	

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2	0615	364	0.	.0	2992.0	*	4	13501031	0.	.0	2992.0	*	6	21251698	0.	.0	2992.0
2	0620	365	0.	.0	2992.0	*	4	13551032	0.	.0	2992.0	*	6	21301699	0.	.0	2992.0
2	0625	366	0.	.0	2992.0	*	4	14001033	0.	.0	2992.0	*	6	21351700	0.	.0	2992.0
2	0630	367	0.	.0	2992.0	*	4	14051034	0.	.0	2992.0	*	6	21401701	0.	.0	2992.0
2	0635	368	0.	.0	2992.0	*	4	14101035	0.	.0	2992.0	*	6	21451702	0.	.0	2992.0
2	0640	369	0.	.0	2992.0	*	4	14151036	0.	.0	2992.0	*	6	21501703	0.	.0	2992.0
2	0645	370	0.	.0	2992.0	*	4	14201037	0.	.0	2992.0	*	6	21551704	0.	.0	2992.0
2	0650	371	0.	.0	2992.0	*	4	14251038	0.	.0	2992.0	*	6	22001705	0.	.0	2992.0
2	0655	372	0.	.0	2992.0	*	4	14301039	0.	.0	2992.0	*	6	22051706	0.	.0	2992.0
2	0700	373	0.	.0	2992.0	*	4	14351040	0.	.0	2992.0	*	6	22101707	0.	.0	2992.0
2	0705	374	0.	.0	2992.0	*	4	14401041	0.	.0	2992.0	*	6	22151708	0.	.0	2992.0
2	0710	375	0.	.0	2992.0	*	4	14451042	0.	.0	2992.0	*	6	22201709	0.	.0	2992.0
2	0715	376	0.	.0	2992.0	*	4	14501043	0.	.0	2992.0	*	6	22251710	0.	.0	2992.0
2	0720	377	0.	.0	2992.0	*	4	14551044	0.	.0	2992.0	*	6	22301711	0.	.0	2992.0
2	0725	378	0.	.0	2992.0	*	4	15001045	0.	.0	2992.0	*	6	22351712	0.	.0	2992.0
2	0730	379	0.	.0	2992.0	*	4	15051046	0.	.0	2992.0	*	6	22401713	0.	.0	2992.0
2	0735	380	0.	.0	2992.0	*	4	15101047	0.	.0	2992.0	*	6	22451714	0.	.0	2992.0
2	0740	381	0.	.0	2992.0	*	4	15151048	0.	.0	2992.0	*	6	22501715	0.	.0	2992.0
2	0745	382	0.	.0	2992.0	*	4	15201049	0.	.0	2992.0	*	6	22551716	0.	.0	2992.0
2	0750	383	0.	.0	2992.0	*	4	15251050	0.	.0	2992.0	*	6	23001717	0.	.0	2992.0
2	0755	384	0.	.0	2992.0	*	4	15301051	0.	.0	2992.0	*	6	23051718	0.	.0	2992.0
2	0800	385	0.	.0	2992.0	*	4	15351052	0.	.0	2992.0	*	6	23101719	0.	.0	2992.0
2	0805	386	0.	.0	2992.0	*	4	15401053	0.	.0	2992.0	*	6	23151720	0.	.0	2992.0
2	0810	387	0.	.0	2992.0	*	4	15451054	0.	.0	2992.0	*	6	23201721	0.	.0	2992.0
2	0815	388	0.	.0	2992.0	*	4	15501055	0.	.0	2992.0	*	6	23251722	0.	.0	2992.0
2	0820	389	0.	.0	2992.0	*	4	15551056	0.	.0	2992.0	*	6	23301723	0.	.0	2992.0
2	0825	390	0.	.0	2992.0	*	4	16001057	0.	.0	2992.0	*	6	23351724	0.	.0	2992.0
2	0830	391	0.	.0	2992.0	*	4	16051058	0.	.0	2992.0	*	6	23401725	0.	.0	2992.0
2	0835	392	0.	.0	2992.0	*	4	16101059	0.	.0	2992.0	*	6	23451726	0.	.0	2992.0
2	0840	393	0.	.0	2992.0	*	4	16151060	0.	.0	2992.0	*	6	23501727	0.	.0	2992.0
2	0845	394	0.	.0	2992.0	*	4	16201061	0.	.0	2992.0	*	6	23551728	0.	.0	2992.0
2	0850	395	0.	.0	2992.0	*	4	16251062	0.	.0	2992.0	*	7	00001729	0.	.0	2992.0
2	0855	396	0.	.0	2992.0	*	4	16301063	0.	.0	2992.0	*	7	00051730	0.	.0	2992.0
2	0900	397	0.	.0	2992.0	*	4	16351064	0.	.0	2992.0	*	7	00101731	0.	.0	2992.0
2	0905	398	0.	.0	2992.0	*	4	16401065	0.	.0	2992.0	*	7	00151732	0.	.0	2992.0
2	0910	399	0.	.0	2992.0	*	4	16451066	0.	.0	2992.0	*	7	00201733	0.	.0	2992.0
2	0915	400	0.	.0	2992.0	*	4	16501067	0.	.0	2992.0	*	7	00251734	0.	.0	2992.0
2	0920	401	0.	.0	2992.0	*	4	16551068	0.	.0	2992.0	*	7	00301735	0.	.0	2992.0
2	0925	402	0.	.0	2992.0	*	4	17001069	0.	.0	2992.0	*	7	00351736	0.	.0	2992.0
2	0930	403	0.	.0	2992.0	*	4	17051070	0.	.0	2992.0	*	7	00401737	0.	.0	2992.0
2	0935	404	0.	.0	2992.0	*	4	17101071	0.	.0	2992.0	*	7	00451738	0.	.0	2992.0
2	0940	405	0.	.0	2992.0	*	4	17151072	0.	.0	2992.0	*	7	00501739	0.	.0	2992.0
2	0945	406	0.	.0	2992.0	*	4	17201073	0.	.0	2992.0	*	7	00551740	0.	.0	2992.0
2	0950	407	0.	.0	2992.0	*	4	17251074	0.	.0	2992.0	*	7	01001741	0.	.0	2992.0
2	0955	408	0.	.0	2992.0	*	4	17301075	0.	.0	2992.0	*	7	01051742	0.	.0	2992.0
2	1000	409	0.	.0	2992.0	*	4	17351076	0.	.0	2992.0	*	7	01101743	0.	.0	2992.0
2	1005	410	0.	.0	2992.0	*	4	17401077	0.	.0	2992.0	*	7	01151744	0.	.0	2992.0
2	1010	411	0.	.0	2992.0	*	4	17451078	0.	.0	2992.0	*	7	01201745	0.	.0	2992.0
2	1015	412	0.	.0	2992.0	*	4	17501079	0.	.0	2992.0	*	7	01251746	0.	.0	2992.0
2	1020	413	0.	.0	2992.0	*	4	17551080	0.	.0	2992.0	*	7	01301747	0.	.0	2992.0
2	1025	414	0.	.0	2992.0	*	4	18001081	0.	.0	2992.0	*	7	01351748	0.	.0	2992.0
2	1030	415	0.	.0	2992.0	*	4	18051082	0.	.0	2992.0	*	7	01401749	0.	.0	2992.0
2	1035	416	0.	.0	2992.0	*	4	18101083	0.	.0	2992.0	*	7	01451750	0.	.0	2992.0
2	1040	417	0.	.0	2992.0	*	4	18151084	0.	.0	2992.0	*	7	01501751	0.	.0	2992.0
2	1045	418	0.	.0	2992.0	*	4	18201085	0.	.0	2992.0	*	7	01551752	0.	.0	2992.0
2	1050	419	0.	.0	2992.0	*	4	18251086	0.	.0	2992.0	*	7	02001753	0.	.0	2992.0
2	1055	420	0.	.0	2992.0	*	4	18301087	0.	.0	2992.0	*	7	02051754	0.	.0	2992.0
2	1100	421	0.	.0	2992.0	*	4	18351088	0.	.0	2992.0	*	7	02101755	0.	.0	2992.0
2	1105	422	0.	.0	2992.0	*	4	18401089	0.	.0	2992.0	*	7	02151756	0.	.0	2992.0
2	1110	423	0.	.0	2992.0	*	4	18451090	0.	.0	2992.0	*	7	02201757	0.	.0	2992.0
2	1115	424	0.	.0	2992.0	*	4	18501091	0.	.0	2992.0	*	7	02251758	0.	.0	2992.0
2	1120	425	0.	.0	2992.0	*	4	18551092	0.	.0	2992.0	*	7	02301759	0.	.0	2992.0
2	1125	426	0.	.0	2992.0	*	4	19001093	0.	.0	2992.0	*	7	02351760	0.	.0	2992.0
2	1130	427	0.	.0	2992.0	*	4	19051094	0.	.0	2992.0	*	7	02401761	0.	.0	2992.0
2	1135	428	0.	.0	2992.0	*	4	19101095	0.	.0	2992.0	*	7	02451762	0.	.0	2992.0
2	1140	429	0.	.0	2992.0	*	4	19151096	0.	.0	2992.0	*	7	02501763	0.	.0	2992.0
2	1145	430	0.	.0	2992.0	*	4	19201097	0.	.0	2992.0	*	7	02551764	0.	.0	2992.0
2	1150	431	0.	.0	2992.0	*	4	19251098	0.	.0	2992.0	*	7	03001765	0.	.0	2992.0
2	1155	432	0.	.0	2992.0	*	4	19301099	0.	.0	2992.0	*	7	03051766	0.	.0	2992.0
2	1200	433	0.	.0	2992.0	*	4	19351100	0.	.0	2992.0	*	7	03101767	0.	.0	2992.0
2	1205	434	0.	.0	2992.0	*	4	19401101	0.	.0	2992.0	*	7	03151768	0.	.0	2992.0
2	1210	435	0.	.0	2992.0	*	4	19451102	0.	.0	2992.0	*	7	03201769	0.	.0	2992.0
2	1215	436	0.	.0	2992.0	*	4	19501103	0.	.0	2992.0	*	7	03251770	0.	.0	2992.0
2	1220	437	0.	.0	2992.0	*	4	19551104	0.	.0	2992.0	*	7	03301771	0.	.0	2992.0
2	1225	438	0.	.0	2992.0	*	4	20001105	0.	.0	2992.0	*	7	03351772	0.	.0	2992.0
2	1230	439	0.	.0	2992.0	*	4	20051106	0.	.0	2992.0	*	7	03401773	0.	.0	2992.0
2	1235	440	0.	.0	2992.0	*	4	20101107	0.	.0	2992.0	*	7	03451774	0.	.0	2992.0
2	1240	441	0.	.0	2992.0	*	4	20151108	0.	.0	2992.0	*	7	03501775	0.	.0	2992.0
2	1245	442	0.	.0	2992.0	*	4	20201109	0.	.0	2992.0	*	7	03551776	0.	.0	2992.0
2	1250	443	0.	.0	2992.0	*	4	20251110	0.	.0	2992.0	*	7	04001777	0.	.0	2992.0
2	1255	444	0.	.0	2992.0	*	4	20301111	0.	.0	2992.0	*	7	04051778	0.	.0	2992.0
2	1300	445	0.	.0	2992.0	*	4	20351112	0.	.0	2992.0	*	7	04101779	0.	.0	2992.0
2	1305	446	0.	.0	2992.0	*	4	20401113	0.	.0	2992.0	*	7	04151780	0.	.0	2992.0
2	1310	447	0.	.0	2992.0	*	4	20451114	0.	.0	2992.0	*	7	04201781	0.	.0	2992.0
2	1315	448	0.	.0	2992.0	*	4	20501115	0.	.0	2992.0	*	7	04251782	0.	.0	2992.0
2	1320	449	0.	.0	2992.0	*	4	20551116	0.	.0	2992.0	*	7	04301783	0.	.0	2992.0
2	1325	450	0.	.0	2992.0	*	4	21001117	0.	.0	2992.0	*	7	04351784	0.	.0	2992.0
2	1330	451	0.	.0	2992.0	*	4	21051118	0.	.0	2992.0	*	7	04401785	0.	.0	2992.0
2	1335	452	0.	.0	2992.0	*	4	21101119	0.	.0	2992.0	*	7	04451786	0.	.0	2992.0

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2	1340	453	0.	.0	2992.0	* 4	21151120	0.	.0	2992.0	* 7	04501787	0.	.0	2992.0	
2	1345	454	0.	.0	2992.0	* 4	21201121	0.	.0	2992.0	* 7	04551788	0.	.0	2992.0	
2	1350	455	0.	.0	2992.0	* 4	21251122	0.	.0	2992.0	* 7	05001789	0.	.0	2992.0	
2	1355	456	0.	.0	2992.0	* 4	21301123	0.	.0	2992.0	* 7	05051790	0.	.0	2992.0	
2	1400	457	0.	.0	2992.0	* 4	21351124	0.	.0	2992.0	* 7	05101791	0.	.0	2992.0	
2	1405	458	0.	.0	2992.0	* 4	21401125	0.	.0	2992.0	* 7	05151792	0.	.0	2992.0	
2	1410	459	0.	.0	2992.0	* 4	21451126	0.	.0	2992.0	* 7	05201793	0.	.0	2992.0	
2	1415	460	0.	.0	2992.0	* 4	21501127	0.	.0	2992.0	* 7	05251794	0.	.0	2992.0	
2	1420	461	0.	.0	2992.0	* 4	21551128	0.	.0	2992.0	* 7	05301795	0.	.0	2992.0	
2	1425	462	0.	.0	2992.0	* 4	22001129	0.	.0	2992.0	* 7	05351796	0.	.0	2992.0	
2	1430	463	0.	.0	2992.0	* 4	22051130	0.	.0	2992.0	* 7	05401797	0.	.0	2992.0	
2	1435	464	0.	.0	2992.0	* 4	22101131	0.	.0	2992.0	* 7	05451798	0.	.0	2992.0	
2	1440	465	0.	.0	2992.0	* 4	22151132	0.	.0	2992.0	* 7	05501799	0.	.0	2992.0	
2	1445	466	0.	.0	2992.0	* 4	22201133	0.	.0	2992.0	* 7	05551800	0.	.0	2992.0	
2	1450	467	0.	.0	2992.0	* 4	22251134	0.	.0	2992.0	* 7	06001801	0.	.0	2992.0	
2	1455	468	0.	.0	2992.0	* 4	22301135	0.	.0	2992.0	* 7	06051802	0.	.0	2992.0	
2	1500	469	0.	.0	2992.0	* 4	22351136	0.	.0	2992.0	* 7	06101803	0.	.0	2992.0	
2	1505	470	0.	.0	2992.0	* 4	22401137	0.	.0	2992.0	* 7	06151804	0.	.0	2992.0	
2	1510	471	0.	.0	2992.0	* 4	22451138	0.	.0	2992.0	* 7	06201805	0.	.0	2992.0	
2	1515	472	0.	.0	2992.0	* 4	22501139	0.	.0	2992.0	* 7	06251806	0.	.0	2992.0	
2	1520	473	0.	.0	2992.0	* 4	22551140	0.	.0	2992.0	* 7	06301807	0.	.0	2992.0	
2	1525	474	0.	.0	2992.0	* 4	23001141	0.	.0	2992.0	* 7	06351808	0.	.0	2992.0	
2	1530	475	0.	.0	2992.0	* 4	23051142	0.	.0	2992.0	* 7	06401809	0.	.0	2992.0	
2	1535	476	0.	.0	2992.0	* 4	23101143	0.	.0	2992.0	* 7	06451810	0.	.0	2992.0	
2	1540	477	0.	.0	2992.0	* 4	23151144	0.	.0	2992.0	* 7	06501811	0.	.0	2992.0	
2	1545	478	0.	.0	2992.0	* 4	23201145	0.	.0	2992.0	* 7	06551812	0.	.0	2992.0	
2	1550	479	0.	.0	2992.0	* 4	23251146	0.	.0	2992.0	* 7	07001813	0.	.0	2992.0	
2	1555	480	0.	.0	2992.0	* 4	23301147	0.	.0	2992.0	* 7	07051814	0.	.0	2992.0	
2	1600	481	0.	.0	2992.0	* 4	23351148	0.	.0	2992.0	* 7	07101815	0.	.0	2992.0	
2	1605	482	0.	.0	2992.0	* 4	23401149	0.	.0	2992.0	* 7	07151816	0.	.0	2992.0	
2	1610	483	0.	.0	2992.0	* 4	23451150	0.	.0	2992.0	* 7	07201817	0.	.0	2992.0	
2	1615	484	0.	.0	2992.0	* 4	23501151	0.	.0	2992.0	* 7	07251818	0.	.0	2992.0	
2	1620	485	0.	.0	2992.0	* 4	23551152	0.	.0	2992.0	* 7	07301819	0.	.0	2992.0	
2	1625	486	0.	.0	2992.0	* 5	00001153	0.	.0	2992.0	* 7	07351820	0.	.0	2992.0	
2	1630	487	0.	.0	2992.0	* 5	00051154	0.	.0	2992.0	* 7	07401821	0.	.0	2992.0	
2	1635	488	0.	.0	2992.0	* 5	00101155	0.	.0	2992.0	* 7	07451822	0.	.0	2992.0	
2	1640	489	0.	.0	2992.0	* 5	00151156	0.	.0	2992.0	* 7	07501823	0.	.0	2992.0	
2	1645	490	0.	.0	2992.0	* 5	00201157	0.	.0	2992.0	* 7	07551824	0.	.0	2992.0	
2	1650	491	0.	.0	2992.0	* 5	00251158	0.	.0	2992.0	* 7	08001825	0.	.0	2992.0	
2	1655	492	0.	.0	2992.0	* 5	00301159	0.	.0	2992.0	* 7	08051826	0.	.0	2992.0	
2	1700	493	0.	.0	2992.0	* 5	00351160	0.	.0	2992.0	* 7	08101827	0.	.0	2992.0	
2	1705	494	0.	.0	2992.0	* 5	00401161	0.	.0	2992.0	* 7	08151828	0.	.0	2992.0	
2	1710	495	0.	.0	2992.0	* 5	00451162	0.	.0	2992.0	* 7	08201829	0.	.0	2992.0	
2	1715	496	0.	.0	2992.0	* 5	00501163	0.	.0	2992.0	* 7	08251830	0.	.0	2992.0	
2	1720	497	0.	.0	2992.0	* 5	00551164	0.	.0	2992.0	* 7	08301831	0.	.0	2992.0	
2	1725	498	0.	.0	2992.0	* 5	01001165	0.	.0	2992.0	* 7	08351832	0.	.0	2992.0	
2	1730	499	0.	.0	2992.0	* 5	01051166	0.	.0	2992.0	* 7	08401833	0.	.0	2992.0	
2	1735	500	0.	.0	2992.0	* 5	01101167	0.	.0	2992.0	* 7	08451834	0.	.0	2992.0	
2	1740	501	0.	.0	2992.0	* 5	01151168	0.	.0	2992.0	* 7	08501835	0.	.0	2992.0	
2	1745	502	0.	.0	2992.0	* 5	01201169	0.	.0	2992.0	* 7	08551836	0.	.0	2992.0	
2	1750	503	0.	.0	2992.0	* 5	01251170	0.	.0	2992.0	* 7	09001837	0.	.0	2992.0	
2	1755	504	0.	.0	2992.0	* 5	01301171	0.	.0	2992.0	* 7	09051838	0.	.0	2992.0	
2	1800	505	0.	.0	2992.0	* 5	01351172	0.	.0	2992.0	* 7	09101839	0.	.0	2992.0	
2	1805	506	0.	.0	2992.0	* 5	01401173	0.	.0	2992.0	* 7	09151840	0.	.0	2992.0	
2	1810	507	0.	.0	2992.0	* 5	01451174	0.	.0	2992.0	* 7	09201841	0.	.0	2992.0	
2	1815	508	0.	.0	2992.0	* 5	01501175	0.	.0	2992.0	* 7	09251842	0.	.0	2992.0	
2	1820	509	0.	.0	2992.0	* 5	01551176	0.	.0	2992.0	* 7	09301843	0.	.0	2992.0	
2	1825	510	0.	.0	2992.0	* 5	02001177	0.	.0	2992.0	* 7	09351844	0.	.0	2992.0	
2	1830	511	0.	.0	2992.0	* 5	02051178	0.	.0	2992.0	* 7	09401845	0.	.0	2992.0	
2	1835	512	0.	.0	2992.0	* 5	02101179	0.	.0	2992.0	* 7	09451846	0.	.0	2992.0	
2	1840	513	0.	.0	2992.0	* 5	02151180	0.	.0	2992.0	* 7	09501847	0.	.0	2992.0	
2	1845	514	0.	.0	2992.0	* 5	02201181	0.	.0	2992.0	* 7	09551848	0.	.0	2992.0	
2	1850	515	0.	.0	2992.0	* 5	02251182	0.	.0	2992.0	* 7	10001849	0.	.0	2992.0	
2	1855	516	0.	.0	2992.0	* 5	02301183	0.	.0	2992.0	* 7	10051850	0.	.0	2992.0	
2	1900	517	0.	.0	2992.0	* 5	02351184	0.	.0	2992.0	* 7	10101851	0.	.0	2992.0	
2	1905	518	0.	.0	2992.0	* 5	02401185	0.	.0	2992.0	* 7	10151852	0.	.0	2992.0	
2	1910	519	0.	.0	2992.0	* 5	02451186	0.	.0	2992.0	* 7	10201853	0.	.0	2992.0	
2	1915	520	0.	.0	2992.0	* 5	02501187	0.	.0	2992.0	* 7	10251854	0.	.0	2992.0	
2	1920	521	0.	.0	2992.0	* 5	02551188	0.	.0	2992.0	* 7	10301855	0.	.0	2992.0	
2	1925	522	0.	.0	2992.0	* 5	03001189	0.	.0	2992.0	* 7	10351856	0.	.0	2992.0	
2	1930	523	0.	.0	2992.0	* 5	03051190	0.	.0	2992.0	* 7	10401857	0.	.0	2992.0	
2	1935	524	0.	.0	2992.0	* 5	03101191	0.	.0	2992.0	* 7	10451858	0.	.0	2992.0	
2	1940	525	0.	.0	2992.0	* 5	03151192	0.	.0	2992.0	* 7	10501859	0.	.0	2992.0	
2	1945	526	0.	.0	2992.0	* 5	03201193	0.	.0	2992.0	* 7	10551860	0.	.0	2992.0	
2	1950	527	0.	.0	2992.0	* 5	03251194	0.	.0	2992.0	* 7	11001861	0.	.0	2992.0	
2	1955	528	0.	.0	2992.0	* 5	03301195	0.	.0	2992.0	* 7	11051862	0.	.0	2992.0	
2	2000	529	0.	.0	2992.0	* 5	03351196	0.	.0	2992.0	* 7	11101863	0.	.0	2992.0	
2	2005	530	0.	.0	2992.0	* 5	03401197	0.	.0	2992.0	* 7	11151864	0.	.0	2992.0	
2	2010	531	0.	.0	2992.0	* 5	03451198	0.	.0	2992.0	* 7	11201865	0.	.0	2992.0	
2	2015	532	0.	.0	2992.0	* 5	03501199	0.	.0	2992.0	* 7	11251866	0.	.0	2992.0	
2	2020	533	0.	.0	2992.0	* 5	03551200	0.	.0	2992.0	* 7	11301867	0.	.0	2992.0	
2	2025	534	0.	.0	2992.0	* 5	04001201	0.	.0	2992.0	* 7	11351868	0.	.0	2992.0	
2	2030	535	0.	.0	2992.0	* 5	04051202	0.	.0	2992.0	* 7	11401869	0.	.0	2992.0	
2	2035	536	0.	.0	2992.0	* 5	04101203	0.	.0	2992.0	* 7	11451870	0.	.0	2992.0	
2	2040	537	0.	.0	2992.0	* 5	04151204	0.	.0	2992.0	* 7	11501871	0.	.0	2992.0	
2	2045	538	0.	.0	2992.0	* 5	04201205	0.	.0	2992.0	* 7	11551872	0.	.0	2992.0	
2	2050	539	0.	.0	2992.0	* 5	04251206	0.	.0	2992.0	* 7	12001873	0.	.0	2992.0	
2	2055	540	0.	.0	2992.0	* 5	04301207	0.	.0	2992.0	* 7	12051874	0.	.0	2992.0	
2	2100	541	0.	.0	2992.0	* 5	04351208	0.	.0	2992.0	* 7	12101875	0.	.0	2992.0	

										ULT						
2	2105	542	0.	.0	2992.0	* 5	04401209	0.	.0	2992.0	* 7	12151876	0.	.0	2992.0	
2	2110	543	0.	.0	2992.0	* 5	04451210	0.	.0	2992.0	* 7	12201877	0.	.0	2992.0	
2	2115	544	0.	.0	2992.0	* 5	04501211	0.	.0	2992.0	* 7	12251878	0.	.0	2992.0	
2	2120	545	0.	.0	2992.0	* 5	04551212	0.	.0	2992.0	* 7	12301879	0.	.0	2992.0	
2	2125	546	0.	.0	2992.0	* 5	05001213	0.	.0	2992.0	* 7	12351880	0.	.0	2992.0	
2	2130	547	0.	.0	2992.0	* 5	05051214	0.	.0	2992.0	* 7	12401881	0.	.0	2992.0	
2	2135	548	0.	.0	2992.0	* 5	05101215	0.	.0	2992.0	* 7	12451882	0.	.0	2992.0	
2	2140	549	0.	.0	2992.0	* 5	05151216	0.	.0	2992.0	* 7	12501883	0.	.0	2992.0	
2	2145	550	0.	.0	2992.0	* 5	05201217	0.	.0	2992.0	* 7	12551884	0.	.0	2992.0	
2	2150	551	0.	.0	2992.0	* 5	05251218	0.	.0	2992.0	* 7	13001885	0.	.0	2992.0	
2	2155	552	0.	.0	2992.0	* 5	05301219	0.	.0	2992.0	* 7	13051886	0.	.0	2992.0	
2	2200	553	0.	.0	2992.0	* 5	05351220	0.	.0	2992.0	* 7	13101887	0.	.0	2992.0	
2	2205	554	0.	.0	2992.0	* 5	05401221	0.	.0	2992.0	* 7	13151888	0.	.0	2992.0	
2	2210	555	0.	.0	2992.0	* 5	05451222	0.	.0	2992.0	* 7	13201889	0.	.0	2992.0	
2	2215	556	0.	.0	2992.0	* 5	05501223	0.	.0	2992.0	* 7	13251890	0.	.0	2992.0	
2	2220	557	0.	.0	2992.0	* 5	05551224	0.	.0	2992.0	* 7	13301891	0.	.0	2992.0	
2	2225	558	0.	.0	2992.0	* 5	06001225	0.	.0	2992.0	* 7	13351892	0.	.0	2992.0	
2	2230	559	0.	.0	2992.0	* 5	06051226	0.	.0	2992.0	* 7	13401893	0.	.0	2992.0	
2	2235	560	0.	.0	2992.0	* 5	06101227	0.	.0	2992.0	* 7	13451894	0.	.0	2992.0	
2	2240	561	0.	.0	2992.0	* 5	06151228	0.	.0	2992.0	* 7	13501895	0.	.0	2992.0	
2	2245	562	0.	.0	2992.0	* 5	06201229	0.	.0	2992.0	* 7	13551896	0.	.0	2992.0	
2	2250	563	0.	.0	2992.0	* 5	06251230	0.	.0	2992.0	* 7	14001897	0.	.0	2992.0	
2	2255	564	0.	.0	2992.0	* 5	06301231	0.	.0	2992.0	* 7	14051898	0.	.0	2992.0	
2	2300	565	0.	.0	2992.0	* 5	06351232	0.	.0	2992.0	* 7	14101899	0.	.0	2992.0	
2	2305	566	0.	.0	2992.0	* 5	06401233	0.	.0	2992.0	* 7	14151900	0.	.0	2992.0	
2	2310	567	0.	.0	2992.0	* 5	06451234	0.	.0	2992.0	* 7	14201901	0.	.0	2992.0	
2	2315	568	0.	.0	2992.0	* 5	06501235	0.	.0	2992.0	* 7	14251902	0.	.0	2992.0	
2	2320	569	0.	.0	2992.0	* 5	06551236	0.	.0	2992.0	* 7	14301903	0.	.0	2992.0	
2	2325	570	0.	.0	2992.0	* 5	07001237	0.	.0	2992.0	* 7	14351904	0.	.0	2992.0	
2	2330	571	0.	.0	2992.0	* 5	07051238	0.	.0	2992.0	* 7	14401905	0.	.0	2992.0	
2	2335	572	0.	.0	2992.0	* 5	07101239	0.	.0	2992.0	* 7	14451906	0.	.0	2992.0	
2	2340	573	0.	.0	2992.0	* 5	07151240	0.	.0	2992.0	* 7	14501907	0.	.0	2992.0	
2	2345	574	0.	.0	2992.0	* 5	07201241	0.	.0	2992.0	* 7	14551908	0.	.0	2992.0	
2	2350	575	0.	.0	2992.0	* 5	07251242	0.	.0	2992.0	* 7	15001909	0.	.0	2992.0	
2	2355	576	0.	.0	2992.0	* 5	07301243	0.	.0	2992.0	* 7	15051910	0.	.0	2992.0	
3	0000	577	0.	.0	2992.0	* 5	07351244	0.	.0	2992.0	* 7	15101911	0.	.0	2992.0	
3	0005	578	0.	.0	2992.0	* 5	07401245	0.	.0	2992.0	* 7	15151912	0.	.0	2992.0	
3	0010	579	0.	.0	2992.0	* 5	07451246	0.	.0	2992.0	* 7	15201913	0.	.0	2992.0	
3	0015	580	0.	.0	2992.0	* 5	07501247	0.	.0	2992.0	* 7	15251914	0.	.0	2992.0	
3	0020	581	0.	.0	2992.0	* 5	07551248	0.	.0	2992.0	* 7	15301915	0.	.0	2992.0	
3	0025	582	0.	.0	2992.0	* 5	08001249	0.	.0	2992.0	* 7	15351916	0.	.0	2992.0	
3	0030	583	0.	.0	2992.0	* 5	08051250	0.	.0	2992.0	* 7	15401917	0.	.0	2992.0	
3	0035	584	0.	.0	2992.0	* 5	08101251	0.	.0	2992.0	* 7	15451918	0.	.0	2992.0	
3	0040	585	0.	.0	2992.0	* 5	08151252	0.	.0	2992.0	* 7	15501919	0.	.0	2992.0	
3	0045	586	0.	.0	2992.0	* 5	08201253	0.	.0	2992.0	* 7	15551920	0.	.0	2992.0	
3	0050	587	0.	.0	2992.0	* 5	08251254	0.	.0	2992.0	* 7	16001921	0.	.0	2992.0	
3	0055	588	0.	.0	2992.0	* 5	08301255	0.	.0	2992.0	* 7	16051922	0.	.0	2992.0	
3	0100	589	0.	.0	2992.0	* 5	08351256	0.	.0	2992.0	* 7	16101923	0.	.0	2992.0	
3	0105	590	0.	.0	2992.0	* 5	08401257	0.	.0	2992.0	* 7	16151924	0.	.0	2992.0	
3	0110	591	0.	.0	2992.0	* 5	08451258	0.	.0	2992.0	* 7	16201925	0.	.0	2992.0	
3	0115	592	0.	.0	2992.0	* 5	08501259	0.	.0	2992.0	* 7	16251926	0.	.0	2992.0	
3	0120	593	0.	.0	2992.0	* 5	08551260	0.	.0	2992.0	* 7	16301927	0.	.0	2992.0	
3	0125	594	0.	.0	2992.0	* 5	09001261	0.	.0	2992.0	* 7	16351928	0.	.0	2992.0	
3	0130	595	0.	.0	2992.0	* 5	09051262	0.	.0	2992.0	* 7	16401929	0.	.0	2992.0	
3	0135	596	0.	.0	2992.0	* 5	09101263	0.	.0	2992.0	* 7	16451930	0.	.0	2992.0	
3	0140	597	0.	.0	2992.0	* 5	09151264	0.	.0	2992.0	* 7	16501931	0.	.0	2992.0	
3	0145	598	0.	.0	2992.0	* 5	09201265	0.	.0	2992.0	* 7	16551932	0.	.0	2992.0	
3	0150	599	0.	.0	2992.0	* 5	09251266	0.	.0	2992.0	* 7	17001933	0.	.0	2992.0	
3	0155	600	0.	.0	2992.0	* 5	09301267	0.	.0	2992.0	* 7	17051934	0.	.0	2992.0	
3	0200	601	0.	.0	2992.0	* 5	09351268	0.	.0	2992.0	* 7	17101935	0.	.0	2992.0	
3	0205	602	0.	.0	2992.0	* 5	09401269	0.	.0	2992.0	* 7	17151936	0.	.0	2992.0	
3	0210	603	0.	.0	2992.0	* 5	09451270	0.	.0	2992.0	* 7	17201937	0.	.0	2992.0	
3	0215	604	0.	.0	2992.0	* 5	09501271	0.	.0	2992.0	* 7	17251938	0.	.0	2992.0	
3	0220	605	0.	.0	2992.0	* 5	09551272	0.	.0	2992.0	* 7	17301939	0.	.0	2992.0	
3	0225	606	0.	.0	2992.0	* 5	10001273	0.	.0	2992.0	* 7	17351940	0.	.0	2992.0	
3	0230	607	0.	.0	2992.0	* 5	10051274	0.	.0	2992.0	* 7	17401941	0.	.0	2992.0	
3	0235	608	0.	.0	2992.0	* 5	10101275	0.	.0	2992.0	* 7	17451942	0.	.0	2992.0	
3	0240	609	0.	.0	2992.0	* 5	10151276	0.	.0	2992.0	* 7	17501943	0.	.0	2992.0	
3	0245	610	0.	.0	2992.0	* 5	10201277	0.	.0	2992.0	* 7	17551944	0.	.0	2992.0	
3	0250	611	0.	.0	2992.0	* 5	10251278	0.	.0	2992.0	* 7	18001945	0.	.0	2992.0	
3	0255	612	0.	.0	2992.0	* 5	10301279	0.	.0	2992.0	* 7	18051946	0.	.0	2992.0	
3	0300	613	0.	.0	2992.0	* 5	10351280	0.	.0	2992.0	* 7	18101947	0.	.0	2992.0	
3	0305	614	0.	.0	2992.0	* 5	10401281	0.	.0	2992.0	* 7	18151948	0.	.0	2992.0	
3	0310	615	0.	.0	2992.0	* 5	10451282	0.	.0	2992.0	* 7	18201949	0.	.0	2992.0	
3	0315	616	0.	.0	2992.0	* 5	10501283	0.	.0	2992.0	* 7	18251950	0.	.0	2992.0	
3	0320	617	0.	.0	2992.0	* 5	10551284	0.	.0	2992.0	* 7	18301951	0.	.0	2992.0	
3	0325	618	0.	.0	2992.0	* 5	11001285	0.	.0	2992.0	* 7	18351952	0.	.0	2992.0	
3	0330	619	0.	.0	2992.0	* 5	11051286	0.	.0	2992.0	* 7	18401953	0.	.0	2992.0	
3	0335	620	0.	.0	2992.0	* 5	11101287	0.	.0	2992.0	* 7	18451954	0.	.0	2992.0	
3	0340	621	0.	.0	2992.0	* 5	11151288	0.	.0	2992.0	* 7	18501955	0.	.0	2992.0	
3	0345	622	0.	.0	2992.0	* 5	11201289	0.	.0	2992.0	* 7	18551956	0.	.0	2992.0	
3	0350	623	0.	.0	2992.0	* 5	11251290	0.	.0	2992.0	* 7	19001957	0.	.0	2992.0	
3	0355	624	0.	.0	2992.0	* 5	11301291	0.	.0	2992.0	* 7	19051958	0.	.0	2992.0	
3	0400	625	0.	.0	2992.0	* 5	11351292	0.	.0	2992.0	* 7	19101959	0.	.0	2992.0	
3	0405	626	0.	.0	2992.0	* 5	11401293	0.	.0	2992.0	* 7	19151960	0.	.0	2992.0	
3	0410	627	0.	.0	2992.0	* 5	11451294	0.	.0	2992.0	* 7	19201961	0.	.0	2992.0	
3	0415	628	0.	.0	2992.0	* 5	11501295	0.	.0	2992.0	* 7	19251962	0.	.0	2992.0	
3	0420	629	0.	.0	2992.0	* 5	11551296	0.	.0	2992.0	* 7	19301963	0.	.0	2992.0	
3	0425	630	0.	.0	2992.0	* 5	12001297	0.	.0	2992.0	* 7	19351964	0.	.0	2992.0	

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							ULT				
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WML15A	.02	1	FLOW	40.	39.	39.	37.	36.	36.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WSPD1	.00	1	FLOW	3.	3.	3.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT											
+	WC1	.02	1	FLOW	43.	42.	42.	40.	39.	38.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WIRN4	.00	1	FLOW	9.	9.	9.	9.	9.	8.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WMLA1A	.01	1	FLOW	20.	20.	20.	19.	18.	18.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT											
+	WC2	.03	1	FLOW	73.	71.	70.	67.	66.	65.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WGED1B	.02	1	FLOW	33.	32.	32.	30.	30.	29.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WIRN5	.00	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT											
+	WC3	.05	1	FLOW	109.	106.	105.	100.	98.	97.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	OFFW	.01	1	FLOW	22.	21.	21.	20.	19.	19.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT											
+	CHD04B	.08	1	FLOW	130.	127.	126.	120.	117.	116.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WPRK7	.00	1	FLOW	6.	6.	6.	5.	5.	5.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT											
+	WMLA1B	.02	1	FLOW	37.	36.	35.	34.	33.	33.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WMLA2	.05	1	FLOW	88.	86.	85.	81.	79.	78.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT											
+	WGRC2	.00	1	FLOW	9.	9.	9.	9.	8.	8.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT											
+	WC4	.08	1	FLOW	135.	132.	131.	125.	122.	120.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT											
+	WMLA3	.02	1	FLOW	35.	34.	34.	32.	32.	31.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT											
+	WC5	.09	1	FLOW	170.	166.	164.	157.	153.	151.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT											
+	CHD05B	.17	1	FLOW	301.	294.	290.	277.	270.	266.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WML16	.03	1	FLOW	64.	63.	62.	59.	58.	57.
				TIME	3.50	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT											
+	WSPD3	.00	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT											
+	WC6	.04	1	FLOW	68.	66.	65.	62.	61.	60.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50

HYDROGRAPH AT										
+	WL9A	.03	1	FLOW	49.	48.	47.	45.	44.	43.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WL10A	.03	1	FLOW	46.	45.	44.	42.	41.	40.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WSCP4	.01	1	FLOW	25.	25.	25.	24.	23.	23.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT										
+	WC7	.10	1	FLOW	186.	181.	179.	170.	166.	164.
				TIME	3.50	3.50	3.50	3.50	3.58	3.58
HYDROGRAPH AT										
+	WGC3	.05	1	FLOW	95.	93.	91.	87.	85.	84.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WGRC1A	.00	1	FLOW	4.	4.	4.	4.	4.	4.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WML15B	.02	1	FLOW	34.	34.	33.	32.	31.	31.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WSPD2	.00	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	WC8	.02	1	FLOW	37.	37.	36.	34.	34.	33.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT										
+	WC9	.17	1	FLOW	322.	314.	311.	296.	288.	285.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	OFF14	.01	1	FLOW	26.	25.	25.	24.	23.	23.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	CHD06B	.36	1	FLOW	648.	633.	626.	596.	582.	574.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	95-9A	.01	1	FLOW	21.	20.	20.	19.	19.	18.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	CHD07B	.37	1	FLOW	669.	654.	646.	615.	600.	592.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	OFF15	.03	1	FLOW	62.	61.	60.	57.	56.	55.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	CHD7B2	.40	1	FLOW	731.	715.	706.	673.	656.	648.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	OFF17B	.01	1	FLOW	15.	15.	15.	14.	14.	13.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	OFF17A	.03	1	FLOW	51.	50.	49.	47.	45.	45.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	COFF17	.04	1	FLOW	66.	65.	64.	61.	59.	58.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON1	.00	1	FLOW	8.	7.	7.	7.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON4A	.00	1	FLOW	8.	8.	8.	8.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	C1	.01	1	FLOW	16.	16.	15.	15.	14.	14.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50

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DIVERSION TO										
+	DIV1	.01	1	FLOW	13.	13.	13.	12.	12.	11.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	D1	.01	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON5	.01	1	FLOW	10.	9.	9.	9.	9.	8.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	C2	.01	1	FLOW	13.	12.	12.	12.	11.	11.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
DIVERSION TO										
+	DIV1A	.01	1	FLOW	13.	12.	12.	12.	11.	11.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	D1A	.01	1	FLOW	0.	0.	0.	0.	0.	0.
				TIME	.00	.00	.00	.00	.00	.00
HYDROGRAPH AT										
+	ON4B	.00	1	FLOW	6.	5.	5.	5.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	RET1	.00	1	FLOW	13.	13.	13.	12.	12.	11.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON6	.00	1	FLOW	7.	7.	7.	7.	7.	6.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	C3	.00	1	FLOW	20.	20.	20.	19.	18.	18.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
DIVERSION TO										
+	DIV1B	.00	1	FLOW	20.	20.	20.	19.	18.	18.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	D1B	.00	1	FLOW	0.	0.	0.	0.	0.	0.
				TIME	.00	.00	.00	.00	.00	.00
HYDROGRAPH AT										
+	ON2	.00	1	FLOW	9.	9.	9.	8.	8.	8.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON3	.01	1	FLOW	12.	12.	11.	11.	10.	10.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON9	.00	1	FLOW	8.	8.	8.	7.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	C4	.02	1	FLOW	29.	28.	28.	26.	26.	25.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
DIVERSION TO										
+	DIV2	.02	1	FLOW	24.	23.	23.	22.	21.	21.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	D2	.02	1	FLOW	5.	5.	5.	5.	4.	4.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON10	.00	1	FLOW	5.	5.	5.	4.	4.	4.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	C5	.02	1	FLOW	10.	10.	9.	9.	9.	9.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
DIVERSION TO										
+	DIV3	.02	1	FLOW	8.	8.	8.	7.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	D3	.02	1	FLOW	2.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										

							ULT			
+	ON11	.00	1	FLOW	5.	5.	5.	4.	4.	4.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	C6	.02	1	FLOW	7.	7.	7.	6.	6.	6.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
DIVERSION TO										
+	DIV1C	.02	1	FLOW	7.	7.	7.	6.	6.	6.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	D1C	.02	1	FLOW	0.	0.	0.	0.	0.	0.
				TIME	.00	.00	.00	.00	.00	.00
4 COMBINED AT										
+	CD1C	.04	1	FLOW	6.	5.	5.	5.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
ROUTED TO										
+	RCD1C	.04	1	FLOW	5.	5.	5.	5.	5.	4.
				TIME	3.67	3.67	3.67	3.75	3.75	3.75
DIVERSION TO										
+	DOFF23	.04	1	FLOW	5.	5.	5.	5.	5.	4.
				TIME	3.67	3.67	3.67	3.75	3.75	3.75
HYDROGRAPH AT										
+	DRCD1C	.04	1	FLOW	0.	0.	0.	0.	0.	0.
				TIME	.00	.00	.00	.00	.00	.00
HYDROGRAPH AT										
+	ON8	.00	1	FLOW	6.	6.	6.	5.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	RET2	.00	1	FLOW	24.	23.	23.	22.	21.	21.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	C7	.00	1	FLOW	30.	29.	29.	27.	26.	26.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	RET3	.00	1	FLOW	8.	8.	8.	7.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON7	.01	1	FLOW	14.	13.	13.	12.	12.	12.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	C8	.01	1	FLOW	51.	50.	49.	47.	45.	45.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	RET1A	.00	1	FLOW	13.	12.	12.	12.	11.	11.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	RET1B	.00	1	FLOW	20.	20.	20.	19.	18.	18.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	RET1C	.00	1	FLOW	7.	7.	7.	6.	6.	6.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	C9	.00	1	FLOW	40.	39.	38.	36.	35.	35.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON2D	.01	1	FLOW	21.	21.	20.	19.	19.	19.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON5D	.00	1	FLOW	8.	8.	8.	8.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	CP1	.01	1	FLOW	29.	29.	28.	27.	26.	26.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ON3D	.00	1	FLOW	7.	7.	7.	7.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	CP2	.02	1	FLOW	37.	36.	36.	34.	33.	33.

								ULT			
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	ON1D	.01	1	FLOW	16.	15.	15.	15.	14.	14.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	ON4D	.00	1	FLOW	8.	8.	8.	8.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT											
+	CP3	.01	1	FLOW	24.	23.	23.	22.	21.	21.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT											
+	CP4	.03	1	FLOW	61.	59.	59.	56.	55.	54.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT											
+	CENGCA	.08	1	FLOW	152.	148.	146.	139.	135.	134.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WML9	.03	1	FLOW	55.	54.	53.	51.	50.	49.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WPRK5	.00	1	FLOW	5.	5.	5.	4.	4.	4.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT											
+	WC10A	.03	1	FLOW	60.	59.	58.	55.	54.	53.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WEGL1	.01	1	FLOW	12.	12.	11.	11.	11.	11.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WL4B	.01	1	FLOW	27.	26.	26.	25.	24.	24.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT											
+	WC10B	.05	1	FLOW	99.	97.	95.	91.	89.	88.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WML10	.02	1	FLOW	38.	37.	37.	35.	34.	34.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WEGN3	.01	1	FLOW	10.	10.	10.	9.	9.	9.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT											
+	WML11	.04	1	FLOW	81.	79.	78.	74.	72.	71.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT											
+	WC11	.07	1	FLOW	127.	124.	123.	117.	114.	112.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT											
+	WC12	.12	1	FLOW	226.	221.	218.	208.	202.	200.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WL6B	.02	1	FLOW	30.	29.	29.	28.	27.	26.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WL7	.02	1	FLOW	34.	33.	33.	31.	31.	30.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WML13	.03	1	FLOW	49.	48.	47.	45.	44.	44.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WEGL2	.01	1	FLOW	12.	12.	12.	11.	11.	11.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT											
+	WC13	.18	1	FLOW	352.	343.	339.	323.	315.	311.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WML14	.03	1	FLOW	59.	57.	57.	54.	53.	52.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50

HYDROGRAPH AT										
+	WL8	.03	1	FLOW	48.	47.	46.	44.	43.	42.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WSKV3	.01	1	FLOW	14.	14.	13.	13.	13.	12.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WSKV4	.01	1	FLOW	15.	15.	15.	14.	14.	14.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT										
+	WC14	.25	1	FLOW	485.	474.	468.	446.	435.	429.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WL9B	.02	1	FLOW	39.	38.	37.	35.	34.	34.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WSPD4	.00	1	FLOW	8.	8.	7.	7.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	WC15	.03	1	FLOW	46.	45.	44.	42.	41.	40.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WL11	.06	1	FLOW	99.	96.	95.	90.	88.	87.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WPRK8	.00	1	FLOW	4.	4.	4.	4.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WPRK9	.00	1	FLOW	1.	1.	1.	1.	1.	1.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WMTL1	.00	1	FLOW	5.	5.	4.	4.	4.	4.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT										
+	WC16	.06	1	FLOW	106.	103.	102.	97.	94.	93.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WEGL3	.01	1	FLOW	16.	16.	16.	15.	15.	15.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WL10B	.03	1	FLOW	49.	48.	47.	45.	43.	43.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
5 COMBINED AT										
+	WC17	.38	1	FLOW	695.	679.	671.	638.	622.	613.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WL12	.05	1	FLOW	84.	82.	81.	77.	75.	74.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WGRC1B	.00	1	FLOW	10.	9.	9.	9.	9.	9.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT										
+	WC18	.43	1	FLOW	787.	768.	759.	722.	703.	694.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	CCP4	.51	1	FLOW	939.	917.	906.	861.	838.	827.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	OFF21B	.04	1	FLOW	75.	73.	72.	69.	67.	66.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	COF21B	.55	1	FLOW	1014.	990.	978.	929.	905.	893.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ROFF23	.00	1	FLOW	5.	5.	5.	5.	5.	4.
				TIME	3.67	3.67	3.67	3.75	3.75	3.75

							ULT			
HYDROGRAPH AT										
+	OFF23	.01	1	FLOW	17.	16.	16.	15.	15.	15.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	COFF23	.01	1	FLOW	19.	18.	18.	17.	17.	16.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	OFFU	.04	1	FLOW	74.	72.	71.	68.	66.	66.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
5 COMBINED AT										
+	CPCULV	1.05	1	FLOW	1903.	1858.	1836.	1747.	1703.	1680.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	NW29-C	.13	1	FLOW	200.	195.	193.	183.	178.	176.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
ROUTED TO										
+	RNW29C	.13	1	FLOW	200.	195.	193.	184.	179.	176.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
HYDROGRAPH AT										
+	NW71-W	.10	1	FLOW	156.	153.	151.	143.	139.	137.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
2 COMBINED AT										
+	CNW71W	.24	1	FLOW	354.	345.	341.	324.	316.	312.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
ROUTED TO										
+	RCNW71	.24	1	FLOW	354.	344.	341.	322.	315.	310.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
HYDROGRAPH AT										
+	NW71-E	.24	1	FLOW	259.	252.	249.	234.	227.	223.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
2 COMBINED AT										
+	CNW71E	.47	1	FLOW	610.	593.	585.	552.	537.	529.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
HYDROGRAPH AT										
+	WGRT1	.02	1	FLOW	30.	30.	29.	28.	27.	27.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
3 COMBINED AT										
+	95STH	1.54	1	FLOW	2370.	2311.	2285.	2170.	2115.	2084.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	OFF4-1	.30	1	FLOW	397.	386.	380.	358.	347.	342.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
ROUTED TO										
+	ROFF41	.30	1	FLOW	402.	390.	385.	362.	351.	346.
				TIME	3.83	3.83	3.83	3.83	3.83	3.83
HYDROGRAPH AT										
+	OFF4-2	.42	1	FLOW	682.	662.	652.	613.	594.	584.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
2 COMBINED AT										
+	COFF42	.72	1	FLOW	871.	844.	830.	777.	751.	737.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
ROUTED TO										
+	RCOFF4	.72	1	FLOW	866.	841.	824.	772.	749.	734.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
HYDROGRAPH AT										
+	OFF5-1	.30	1	FLOW	375.	364.	358.	335.	324.	319.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
2 COMBINED AT										
+	COFF51	1.02	1	FLOW	1241.	1205.	1182.	1108.	1074.	1052.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
ROUTED TO										
+	RCOFF5	1.02	1	FLOW	1206.	1167.	1151.	1078.	1043.	1025.
				TIME	3.67	3.67	3.67	3.75	3.67	3.75
HYDROGRAPH AT										
+	OFF5-2	.40	1	FLOW	467.	454.	447.	421.	408.	401.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
ROUTED TO										

							ULT			
+	ROFF52	.40	1	FLOW	462.	449.	441.	415.	402.	396.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
HYDROGRAPH AT										
+	NW1-C	.29	1	FLOW	327.	317.	312.	291.	281.	276.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
2 COMBINED AT										
+	CNW1-C	.69	1	FLOW	780.	757.	746.	700.	677.	666.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
2 COMBINED AT										
+	2CNW1C	1.70	1	FLOW	1985.	1914.	1895.	1778.	1716.	1691.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
ROUTED TO										
+	R2CNW1	1.70	1	FLOW	1975.	1904.	1886.	1766.	1706.	1676.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
HYDROGRAPH AT										
+	NW7-C	.49	1	FLOW	500.	486.	479.	450.	436.	429.
				TIME	3.83	3.83	3.83	3.83	3.83	3.83
2 COMBINED AT										
+	CNW-7	2.19	1	FLOW	2473.	2388.	2363.	2213.	2140.	2103.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
ROUTED TO										
+	157DB	2.19	1	FLOW	1191.	1162.	1148.	1093.	1061.	1044.
				TIME	4.17	4.17	4.17	4.17	4.17	4.17
			** PEAK STAGES IN FEET **							
			1	STAGE	5.64	5.46	5.38	5.05	4.89	4.80
				TIME	4.17	4.17	4.17	4.17	4.17	4.17
ROUTED TO										
+	RCNW7C	2.19	1	FLOW	1188.	1159.	1146.	1090.	1058.	1042.
				TIME	4.17	4.17	4.17	4.17	4.17	4.17
HYDROGRAPH AT										
+	NW21-C	.16	1	FLOW	242.	236.	233.	221.	215.	212.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
2 COMBINED AT										
+	CNW21C	2.35	1	FLOW	1242.	1212.	1197.	1139.	1106.	1089.
				TIME	4.17	4.17	4.17	4.17	4.17	4.17
ROUTED TO										
+	RCNW21	2.35	1	FLOW	1241.	1211.	1198.	1139.	1107.	1087.
				TIME	4.17	4.17	4.17	4.17	4.17	4.17
HYDROGRAPH AT										
+	NW35-C	.34	1	FLOW	423.	413.	407.	385.	374.	369.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
HYDROGRAPH AT										
+	WPRK10	.02	1	FLOW	19.	18.	18.	17.	16.	16.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT										
+	CNW35C	2.71	1	FLOW	1461.	1422.	1407.	1324.	1284.	1261.
				TIME	4.00	4.00	4.00	4.00	4.00	4.00
HYDROGRAPH AT										
+	WOFF1	.41	1	FLOW	403.	391.	385.	361.	349.	343.
				TIME	3.75	3.75	3.75	3.75	3.83	3.83
HYDROGRAPH AT										
+	WOFF11	.03	1	FLOW	55.	54.	53.	51.	50.	49.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WOFF2	.04	1	FLOW	48.	47.	46.	43.	42.	41.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WOFF3	.03	1	FLOW	38.	37.	36.	34.	33.	33.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
4 COMBINED AT										
+	CP1	.50	1	FLOW	485.	471.	464.	435.	421.	415.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
HYDROGRAPH AT										
+	WOFF4	.06	1	FLOW	84.	82.	81.	76.	73.	72.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WOFF5	.26	1	FLOW	236.	229.	226.	212.	205.	201.

								ULT			
				TIME	3.83	3.83	3.83	3.83	3.83	3.83
HYDROGRAPH AT											
+	WOFF6	.04	1	FLOW	59.	57.	56.	53.	51.	50.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT											
+	WPF1B	.03	1	FLOW	63.	62.	61.	58.	57.	56.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT											
+	DB1	.88	1	FLOW	817.	793.	781.	734.	710.	699.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
ROUTED TO											
+	RDB1	.88	1	FLOW	71.	71.	71.	69.	69.	68.
				TIME	5.58	5.58	5.58	5.50	5.50	5.50
			** PEAK STAGES IN FEET **								
			1	STAGE	3035.31	3035.02	3034.86	3034.24	3033.93	3033.78
				TIME	5.58	5.58	5.58	5.50	5.50	5.50
HYDROGRAPH AT											
+	WSHP3	.02	1	FLOW	31.	30.	30.	29.	28.	28.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WPF2	.00	1	FLOW	10.	10.	10.	10.	9.	9.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT											
+	WC19	.90	1	FLOW	95.	94.	93.	91.	90.	89.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WPF5	.00	1	FLOW	1.	1.	1.	1.	1.	1.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WML2	.04	1	FLOW	78.	76.	75.	72.	70.	69.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT											
+	WSHA5	.00	1	FLOW	8.	8.	8.	8.	8.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT											
+	WC20	.05	1	FLOW	86.	84.	83.	79.	77.	76.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT											
+	WARR4	.00	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WPF4	.01	1	FLOW	19.	18.	18.	17.	17.	17.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WSHA4	.00	1	FLOW	6.	5.	5.	5.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT											
+	WC21	.96	1	FLOW	204.	201.	199.	191.	188.	186.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WPF3	.01	1	FLOW	17.	17.	16.	16.	15.	15.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WSHA3A	.00	1	FLOW	3.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT											
+	WC29	.01	1	FLOW	19.	19.	19.	18.	18.	17.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WL4A	.01	1	FLOW	23.	22.	22.	21.	20.	20.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WL5A	.02	1	FLOW	32.	31.	31.	29.	28.	28.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT											
+	WL5B	.01	1	FLOW	12.	11.	11.	11.	10.	10.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50

3 COMBINED AT										
+	WC22A	.04	1	FLOW	67.	65.	64.	61.	59.	58.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WPRK4	.00	1	FLOW	3.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WARR5	.01	1	FLOW	18.	17.	17.	16.	15.	15.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT										
+	WC22	1.02	1	FLOW	310.	304.	301.	288.	282.	279.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WPF6	.00	1	FLOW	4.	4.	4.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WML8	.02	1	FLOW	34.	33.	32.	31.	30.	30.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	DUMMY	1.04	1	FLOW	348.	340.	337.	323.	316.	312.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	STR5	.00	1	FLOW	10.	9.	9.	9.	9.	9.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WEGN1	.00	1	FLOW	2.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WEGN2	.00	1	FLOW	2.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT										
+	WC23	1.04	1	FLOW	361.	353.	350.	335.	328.	324.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WARR6	.00	1	FLOW	6.	6.	6.	6.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WPF7	.01	1	FLOW	14.	14.	14.	13.	13.	13.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	WC24	1.05	1	FLOW	381.	373.	369.	354.	346.	342.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WL6A	.01	1	FLOW	19.	18.	18.	17.	16.	16.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	STR6	.01	1	FLOW	19.	19.	18.	18.	17.	17.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WPRK6	.02	1	FLOW	28.	27.	27.	25.	24.	24.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
4 COMBINED AT										
+	WC26	1.09	1	FLOW	445.	435.	430.	411.	402.	397.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	2.08b	.03	1	FLOW	61.	59.	59.	56.	54.	54.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	SVR1	.00	1	FLOW	10.	10.	10.	9.	9.	9.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	WC27	1.13	1	FLOW	515.	504.	499.	476.	465.	460.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WL1B	.04	1	FLOW	79.	77.	76.	72.	70.	69.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50

HYDROGRAPH AT										
+	WARR1	.01	1	FLOW	9.	9.	9.	8.	8.	8.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WSHP2	.01	1	FLOW	27.	26.	26.	25.	24.	24.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT										
+	WC28	.06	1	FLOW	113.	110.	109.	103.	100.	99.
				TIME	3.50	3.50	3.50	3.58	3.58	3.58
HYDROGRAPH AT										
+	WSCH2	.02	1	FLOW	37.	36.	35.	33.	32.	32.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WSHA3B	.00	1	FLOW	6.	6.	6.	5.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	WC30	.02	1	FLOW	42.	41.	41.	39.	38.	37.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WSCP1	.00	1	FLOW	6.	6.	6.	5.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	WC31	.02	1	FLOW	48.	47.	46.	44.	43.	42.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WML1	.03	1	FLOW	52.	51.	50.	48.	46.	46.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	STR3	.00	1	FLOW	9.	9.	9.	9.	9.	8.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WARR2	.00	1	FLOW	7.	7.	7.	6.	6.	6.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT										
+	CP4	.12	1	FLOW	230.	224.	221.	210.	205.	202.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	2.09T	.00	1	FLOW	3.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	2.09	.05	1	FLOW	81.	79.	78.	74.	72.	71.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	2.31	.00	1	FLOW	8.	7.	7.	7.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT										
+	CP3a	.18	1	FLOW	318.	310.	306.	290.	282.	278.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	2.08T	.00	1	FLOW	3.	3.	3.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	2.08a	.02	1	FLOW	49.	48.	48.	45.	44.	44.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	CP3b	.20	1	FLOW	369.	360.	356.	338.	329.	324.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	WC35	1.33	1	FLOW	885.	864.	854.	814.	794.	784.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	5.01b	.03	1	FLOW	68.	67.	66.	63.	61.	61.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	2.32Tb	.00	1	FLOW	1.	1.	1.	1.	1.	1.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50

HYDROGRAPH AT

								ULT			
+	2.32b	.04	1	FLOW	74.	72.	71.	68.	67.	66.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT										
+	CP2c	.07	1	FLOW	141.	137.	136.	130.	126.	125.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	SVR2	.01	1	FLOW	20.	19.	19.	18.	18.	18.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT										
+	WC37	1.41	1	FLOW	1043.	1019.	1007.	960.	936.	924.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WOFF7	.01	1	FLOW	10.	10.	10.	9.	9.	9.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WOFF8	.17	1	FLOW	198.	192.	189.	177.	171.	169.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
2 COMBINED AT										
+	CP2	.17	1	FLOW	204.	198.	195.	183.	177.	174.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
HYDROGRAPH AT										
+	WOFF9	.12	1	FLOW	144.	140.	138.	129.	125.	123.
				TIME	3.58	3.58	3.58	3.67	3.67	3.67
HYDROGRAPH AT										
+	WOFF10	.25	1	FLOW	292.	283.	279.	262.	253.	249.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
HYDROGRAPH AT										
+	WPF1A	.03	1	FLOW	59.	57.	57.	54.	53.	52.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
4 COMBINED AT										
+	DB2	.57	1	FLOW	686.	667.	657.	617.	597.	588.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
ROUTED TO										
+	RDB2	.57	1	FLOW	71.	70.	70.	68.	68.	68.
				TIME	5.25	5.25	5.25	5.25	5.25	5.25
			** PEAK STAGES IN FEET **							
			1	STAGE	3002.75	3002.46	3002.32	3001.75	3001.46	3001.32
				TIME	5.25	5.25	5.25	5.25	5.25	5.25
HYDROGRAPH AT										
+	WPRK1	.00	1	FLOW	6.	6.	6.	5.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WIRN1	.00	1	FLOW	2.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WL1A	.05	1	FLOW	81.	80.	79.	75.	73.	72.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
4 COMBINED AT										
+	WC38	.62	1	FLOW	141.	139.	137.	132.	130.	129.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WSHP1	.01	1	FLOW	19.	18.	18.	17.	17.	17.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
2 COMBINED AT										
+	WC39	.63	1	FLOW	160.	157.	155.	150.	147.	145.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WIRN2	.00	1	FLOW	7.	7.	7.	7.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WSCH1	.06	1	FLOW	106.	103.	102.	97.	94.	93.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	STR2	.01	1	FLOW	13.	13.	13.	12.	12.	12.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT										
+	CP1	.70	1	FLOW	284.	279.	276.	264.	258.	255.

							ULT			
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	5.01	.03	1	FLOW	64.	63.	62.	59.	58.	57.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	2.32T	.00	1	FLOW	1.	1.	1.	1.	1.	1.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	CP2a	.73	1	FLOW	340.	332.	329.	314.	307.	303.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	STR1	.01	1	FLOW	12.	12.	12.	11.	11.	11.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	2.32	.03	1	FLOW	62.	60.	60.	57.	55.	55.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	CP2b	.77	1	FLOW	414.	405.	400.	382.	373.	369.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	WC43	2.18	1	FLOW	1456.	1424.	1407.	1342.	1309.	1293.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WSKV1A	.00	1	FLOW	5.	5.	4.	4.	4.	4.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	WC44A	2.18	1	FLOW	1461.	1428.	1412.	1346.	1313.	1297.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WGC2	.01	1	FLOW	23.	22.	22.	21.	20.	20.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WOSO1	.00	1	FLOW	8.	8.	8.	7.	7.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	WGED1A	.04	1	FLOW	77.	75.	74.	71.	69.	68.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
5 COMBINED AT										
+	WC44B	4.95	1	FLOW	2400.	2338.	2306.	2180.	2118.	2087.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	NW50-C	.17	1	FLOW	228.	222.	218.	205.	199.	196.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	WGC1	.01	1	FLOW	24.	24.	24.	22.	22.	21.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	WC44C	.18	1	FLOW	250.	243.	239.	225.	218.	215.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	RETC1B	.00	1	FLOW	25.	25.	24.	23.	23.	23.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EUS95	.01	1	FLOW	31.	30.	30.	28.	28.	28.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	95-4A	.01	1	FLOW	14.	14.	14.	13.	13.	12.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	95-4B	.01	1	FLOW	13.	13.	13.	12.	12.	12.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
6 COMBINED AT										
+	EC1	5.16	1	FLOW	2714.	2644.	2607.	2464.	2394.	2359.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	ELOG1	.01	1	FLOW	11.	11.	11.	11.	10.	10.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50

HYDROGRAPH AT										
+	EPRK2	.00	1	FLOW	1.	1.	1.	1.	1.	1.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT										
+	EC2	5.17	1	FLOW	2724.	2653.	2616.	2473.	2402.	2367.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EAA1B	.06	1	FLOW	106.	104.	102.	97.	95.	93.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	ETP1B	.00	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	EC3	.06	1	FLOW	109.	106.	105.	99.	97.	95.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	ESKY1	.01	1	FLOW	10.	10.	10.	9.	9.	9.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EPF1	.01	1	FLOW	9.	8.	8.	8.	8.	7.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
2 COMBINED AT										
+	EC4	.01	1	FLOW	19.	18.	18.	17.	16.	16.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	ETP2	.00	1	FLOW	4.	4.	4.	4.	4.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EMLA1	.03	1	FLOW	49.	48.	47.	45.	44.	43.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT										
+	EC5	.11	1	FLOW	177.	173.	170.	162.	158.	155.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
2 COMBINED AT										
+	EC6	5.27	1	FLOW	2901.	2826.	2787.	2635.	2560.	2523.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EL1	.04	1	FLOW	51.	49.	48.	45.	44.	43.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	ELOG2	.01	1	FLOW	12.	11.	11.	11.	11.	10.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	EC7	5.32	1	FLOW	2961.	2884.	2844.	2689.	2612.	2574.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EL5A	.02	1	FLOW	32.	31.	30.	28.	28.	27.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	ELOG3	.00	1	FLOW	6.	6.	6.	5.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EPRK1	.00	1	FLOW	1.	1.	1.	1.	1.	1.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
4 COMBINED AT										
+	EC8	5.35	1	FLOW	2997.	2920.	2879.	2722.	2644.	2606.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	RETC2B	.00	1	FLOW	3.	3.	3.	3.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	95-5A	.01	1	FLOW	12.	12.	11.	11.	11.	10.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	95-5B	.01	1	FLOW	11.	11.	11.	10.	10.	10.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50

							ULT			
HYDROGRAPH AT										
+	95-6A	.01	1	FLOW	19.	18.	18.	17.	17.	16.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	95-6B	.01	1	FLOW	12.	12.	12.	11.	11.	11.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT										
+	EC9A	.03	1	FLOW	57.	55.	55.	52.	51.	50.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EML3A	.03	1	FLOW	50.	49.	48.	46.	45.	44.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	ETP4	.00	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	EC9B	.06	1	FLOW	108.	105.	104.	99.	96.	95.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EIRN1	.00	1	FLOW	4.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ES1	.02	1	FLOW	29.	28.	28.	27.	26.	25.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	EC10	.08	1	FLOW	140.	137.	135.	129.	125.	124.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
DIVERSION TO										
+	IREAST	.08	1	FLOW	140.	137.	135.	129.	125.	124.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	FTNOR	.08	1	FLOW	0.	0.	0.	0.	0.	0.
				TIME	.00	.00	.00	.00	.00	.00
HYDROGRAPH AT										
+	EL6	.06	1	FLOW	68.	66.	65.	61.	59.	58.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EFA4	.00	1	FLOW	6.	6.	6.	5.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	EC11	.14	1	FLOW	73.	71.	70.	66.	64.	63.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EGC1	.04	1	FLOW	65.	63.	62.	59.	58.	57.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	ETP3	.01	1	FLOW	16.	15.	15.	14.	14.	14.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	EC12	.05	1	FLOW	80.	78.	77.	73.	71.	70.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EL3	.04	1	FLOW	51.	50.	49.	46.	45.	44.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EOHR2	.00	1	FLOW	2.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EPRK3	.00	1	FLOW	2.	1.	1.	1.	1.	1.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
4 COMBINED AT										
+	EC13	.10	1	FLOW	134.	131.	129.	122.	118.	116.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EL4	.03	1	FLOW	44.	43.	42.	40.	38.	38.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										

							ULT			
+	EL2	.03	1	FLOW	46.	44.	44.	41.	40.	39.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EOHR1	.00	1	FLOW	6.	6.	6.	6.	6.	6.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT										
+	EC14	.17	1	FLOW	228.	221.	218.	206.	199.	196.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
2 COMBINED AT										
+	EC15	.31	1	FLOW	301.	293.	288.	271.	263.	259.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
DIVERSION TO										
+	OHARE	.31	1	FLOW	47.	47.	47.	47.	47.	47.
				TIME	3.25	3.25	3.25	3.25	3.25	3.25
HYDROGRAPH AT										
+	RFTLC	.31	1	FLOW	254.	246.	241.	224.	216.	212.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EFA3	.00	1	FLOW	5.	5.	5.	5.	4.	4.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EL5B	.01	1	FLOW	18.	17.	17.	16.	15.	15.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT										
+	EC16	.32	1	FLOW	276.	267.	263.	245.	236.	231.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
DIVERSION TO										
+	LOGCAB	.32	1	FLOW	187.	187.	187.	187.	187.	187.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	R2FTLC	.32	1	FLOW	89.	80.	76.	58.	49.	44.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
2 COMBINED AT										
+	EC18	5.67	1	FLOW	3087.	3000.	2955.	2780.	2693.	2650.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EFA2	.00	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EAA2	.28	1	FLOW	347.	338.	334.	316.	307.	303.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
3 COMBINED AT										
+	EC17	5.95	1	FLOW	3397.	3302.	3253.	3062.	2967.	2920.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	OFFZ	.05	1	FLOW	69.	67.	66.	62.	60.	59.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	ESKV1	.00	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
2 COMBINED AT										
+	EC19	.05	1	FLOW	72.	70.	69.	65.	63.	62.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EAA1A	.16	1	FLOW	231.	225.	222.	211.	205.	202.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	ETP1A	.00	1	FLOW	9.	8.	8.	8.	8.	8.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	EC20	.22	1	FLOW	312.	304.	300.	284.	276.	271.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
DIVERSION TO										
+	NATPRK	.22	1	FLOW	150.	150.	150.	150.	150.	150.
				TIME	3.42	3.42	3.42	3.42	3.42	3.42
HYDROGRAPH AT										
+	FTAPN	.22	1	FLOW	162.	154.	150.	134.	126.	121.

							ULT			
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	EFA1	.00	1	FLOW	5.	5.	5.	5.	5.	5.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT										
+	EC21	6.17	1	FLOW	3564.	3461.	3408.	3200.	3097.	3046.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	NW102-	.20	1	FLOW	262.	255.	252.	240.	234.	231.
				TIME	3.67	3.67	3.67	3.67	3.67	3.67
2 COMBINED AT										
+	EC27	6.37	1	FLOW	3792.	3683.	3628.	3409.	3301.	3247.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	NW130-	.16	1	FLOW	119.	115.	113.	105.	101.	99.
				TIME	3.75	3.75	3.75	3.75	3.75	3.75
2 COMBINED AT										
+	EC28	6.52	1	FLOW	3881.	3769.	3712.	3486.	3375.	3320.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT										
+	95-7A	.01	1	FLOW	14.	14.	13.	13.	13.	12.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	95-7B	.01	1	FLOW	16.	15.	15.	15.	14.	14.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	95-8A	.01	1	FLOW	11.	11.	11.	10.	10.	10.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	95-8B	.00	1	FLOW	7.	7.	7.	6.	6.	6.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT										
+	C95-8B	.02	1	FLOW	47.	46.	46.	44.	43.	42.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EML3B	.02	1	FLOW	34.	34.	33.	32.	31.	30.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ETP5	.00	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	EC22	.04	1	FLOW	85.	83.	82.	78.	76.	76.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EBRT1	.00	1	FLOW	7.	6.	6.	6.	6.	6.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	ES2	.05	1	FLOW	84.	82.	81.	77.	75.	74.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT										
+	EC23	.09	1	FLOW	168.	164.	162.	155.	151.	149.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EMLA2	.03	1	FLOW	53.	52.	52.	49.	48.	48.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EFA6A	.00	1	FLOW	9.	9.	9.	9.	9.	8.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT										
+	EC25	.12	1	FLOW	231.	226.	223.	213.	208.	205.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
DIVERSION TO										
+	BRENT	.12	1	FLOW	161.	156.	153.	143.	138.	135.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	SOUTH	.12	1	FLOW	70.	70.	70.	70.	70.	70.
				TIME	3.25	3.25	3.25	3.25	3.25	3.33

HYDROGRAPH AT										
+	EML3C	.01	1	FLOW	27.	27.	26.	25.	24.	24.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EFA6B	.01	1	FLOW	17.	17.	17.	16.	16.	15.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	95-9B	.01	1	FLOW	22.	21.	21.	20.	19.	19.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
3 COMBINED AT										
+	EC24	.03	1	FLOW	64.	63.	62.	59.	58.	57.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EPF2	.00	1	FLOW	2.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EFA5	.00	1	FLOW	4.	4.	4.	4.	4.	4.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT										
+	EGC2	.00	1	FLOW	11.	10.	10.	10.	9.	9.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT										
+	EC26	.17	1	FLOW	151.	150.	149.	145.	143.	142.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
DIVERSION TO										
+	RACEL	.17	1	FLOW	114.	114.	114.	114.	114.	114.
				TIME	3.33	3.33	3.33	3.42	3.42	3.42
HYDROGRAPH AT										
+	HORSE	.17	1	FLOW	37.	36.	35.	31.	29.	28.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50

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SUMMARY OF KINEMATIC WAVE - MUSKINGUM-CUNGE ROUTING
(FLOW IS DIRECT RUNOFF WITHOUT BASE FLOW)

						INTERPOLATED TO COMPUTATION INTERVAL			
ISTAQ	ELEMENT	DT	PEAK	TIME TO PEAK	VOLUME	DT	PEAK	TIME TO PEAK	VOLUME
		(MIN)	(CFS)	(MIN)	(IN)	(MIN)	(CFS)	(MIN)	(IN)
FOR PLAN = 1 RATIO= 1.00									
RCD1C	MANE	5.00	5.67	221.08	.16	5.00	5.16	220.00	.16

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3238E+00 EXCESS= .0000E+00 OUTFLOW= .3524E+00 BASIN STORAGE= .4347E-05 PERCENT ERROR= -8.8

FOR PLAN = 1 RATIO= .98									
RCD1C	MANE	5.00	5.11	219.85	.15	5.00	5.11	220.00	.15

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3150E+00 EXCESS= .0000E+00 OUTFLOW= .3299E+00 BASIN STORAGE= .4155E-05 PERCENT ERROR= -4.7

FOR PLAN = 1 RATIO= .97									
RCD1C	MANE	5.00	5.16	220.26	.15	5.00	5.04	220.00	.15

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3106E+00 EXCESS= .0000E+00 OUTFLOW= .3259E+00 BASIN STORAGE= .4175E-05 PERCENT ERROR= -4.9

FOR PLAN = 1 RATIO= .93									
RCD1C	MANE	5.00	4.93	223.66	.14	5.00	4.64	225.00	.14

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2932E+00 EXCESS= .0000E+00 OUTFLOW= .3031E+00 BASIN STORAGE= .4282E-05 PERCENT ERROR= -3.4

FOR PLAN = 1 RATIO= .91									
RCD1C	MANE	5.00	4.66	225.48	.13	5.00	4.59	225.00	.13

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2845E+00 EXCESS= .0000E+00 OUTFLOW= .2941E+00 BASIN STORAGE= .3730E-05 PERCENT ERROR= -3.4

FOR PLAN = 1 RATIO= .90									
RCD1C	MANE	5.00	4.29	226.36	.13	5.00	4.22	225.00	.13

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CONTINUITY SUMMARY (AC-FT) - INFLOW= .2801E+00 EXCESS= .0000E+00 OUTFLOW= .2857E+00 BASIN STORAGE= .4381E-05 PERCENT ERROR= -2.0

FOR PLAN = 1 RATIO= .00

RNW29C	MANE	1.16	200.70	216.99	2.20	5.00	199.82	220.00	2.20

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1547E+02 EXCESS= .0000E+00 OUTFLOW= .1547E+02 BASIN STORAGE= .1101E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RNW29C	MANE	1.17	195.60	216.78	2.14	5.00	195.08	220.00	2.14

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1507E+02 EXCESS= .0000E+00 OUTFLOW= .1507E+02 BASIN STORAGE= .1164E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RNW29C	MANE	1.18	193.06	216.68	2.11	5.00	192.77	220.00	2.12

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1487E+02 EXCESS= .0000E+00 OUTFLOW= .1487E+02 BASIN STORAGE= .1183E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RNW29C	MANE	1.20	183.62	219.98	2.00	5.00	183.59	220.00	2.00

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1408E+02 EXCESS= .0000E+00 OUTFLOW= .1408E+02 BASIN STORAGE= .1103E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RNW29C	MANE	1.21	178.86	219.91	1.94	5.00	178.72	220.00	1.95

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1368E+02 EXCESS= .0000E+00 OUTFLOW= .1368E+02 BASIN STORAGE= .1120E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RNW29C	MANE	1.22	176.46	219.89	1.91	5.00	176.30	220.00	1.92

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1348E+02 EXCESS= .0000E+00 OUTFLOW= .1348E+02 BASIN STORAGE= .1152E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW71	MANE	2.94	355.46	220.39	2.17	5.00	354.10	220.00	2.17

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2731E+02 EXCESS= .0000E+00 OUTFLOW= .2733E+02 BASIN STORAGE= .3491E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

RCNW71	MANE	2.97	345.10	219.57	2.11	5.00	344.48	220.00	2.11

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2660E+02 EXCESS= .0000E+00 OUTFLOW= .2662E+02 BASIN STORAGE= .4070E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

RCNW71	MANE	2.98	342.49	220.64	2.09	5.00	340.66	220.00	2.09

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2625E+02 EXCESS= .0000E+00 OUTFLOW= .2627E+02 BASIN STORAGE= .4628E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

RCNW71	MANE	3.04	322.83	222.04	1.98	5.00	322.13	220.00	1.97

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2485E+02 EXCESS= .0000E+00 OUTFLOW= .2486E+02 BASIN STORAGE= .3489E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

RCNW71	MANE	3.07	316.43	221.36	1.92	5.00	314.51	220.00	1.92

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2415E+02 EXCESS= .0000E+00 OUTFLOW= .2416E+02 BASIN STORAGE= .3970E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

RCNW71	MANE	3.09	310.02	219.48	1.89	5.00	309.77	220.00	1.89

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2379E+02 EXCESS= .0000E+00 OUTFLOW= .2381E+02 BASIN STORAGE= .4236E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

ROFF41	MANE	5.00	401.70	230.00	2.08	5.00	401.70	230.00	2.08

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3333E+02 EXCESS= .0000E+00 OUTFLOW= .3335E+02 BASIN STORAGE= .1750E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

ROFF41	MANE	5.00	390.47	230.00	2.02	5.00	390.47	230.00	2.02

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3236E+02 EXCESS= .0000E+00 OUTFLOW= .3237E+02 BASIN STORAGE= .2744E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

ROFF41	MANE	5.00	384.86	230.00	1.99	5.00	384.86	230.00	1.99

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3187E+02 EXCESS= .0000E+00 OUTFLOW= .3189E+02 BASIN STORAGE= .2723E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

ROFF41	MANE	5.00	362.42	230.00	1.87	5.00	362.42	230.00	1.87

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2994E+02 EXCESS= .0000E+00 OUTFLOW= .2996E+02 BASIN STORAGE= .2637E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

ROFF41	MANE	5.00	351.22	230.00	1.81	5.00	351.22	230.00	1.81

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2899E+02 EXCESS= .0000E+00 OUTFLOW= .2900E+02 BASIN STORAGE= .2593E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

ROFF41	MANE	5.00	345.62	230.00	1.78	5.00	345.62	230.00	1.78

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2851E+02 EXCESS= .0000E+00 OUTFLOW= .2853E+02 BASIN STORAGE= .2571E-02 PERCENT ERROR= -.1

FOR PLAN = 1 RATIO= .00

RCOFF4	MANE	3.24	865.73	220.01	1.97	5.00	865.68	220.00	1.97

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7577E+02 EXCESS= .0000E+00 OUTFLOW= .7578E+02 BASIN STORAGE= .1079E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF4	MANE	3.26	842.05	221.73	1.91	5.00	840.86	220.00	1.91

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7352E+02 EXCESS= .0000E+00 OUTFLOW= .7352E+02 BASIN STORAGE= .9388E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF4	MANE	3.27	825.35	219.35	1.88	5.00	824.16	220.00	1.88

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7236E+02 EXCESS= .0000E+00 OUTFLOW= .7237E+02 BASIN STORAGE= .1105E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF4	MANE	3.33	772.80	219.69	1.77	5.00	772.08	220.00	1.77

CONTINUITY SUMMARY (AC-FT) - INFLOW= .6788E+02 EXCESS= .0000E+00 OUTFLOW= .6788E+02 BASIN STORAGE= .9246E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF4	MANE	3.36	752.34	221.60	1.71	5.00	749.29	220.00	1.71

CONTINUITY SUMMARY (AC-FT) - INFLOW= .6567E+02 EXCESS= .0000E+00 OUTFLOW= .6567E+02 BASIN STORAGE= .1193E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF4	MANE	3.37	734.27	219.22	1.68	5.00	733.69	220.00	1.68

CONTINUITY SUMMARY (AC-FT) - INFLOW= .6454E+02 EXCESS= .0000E+00 OUTFLOW= .6455E+02 BASIN STORAGE= .9505E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF5	MANE	2.25	1228.06	222.36	1.90	5.00	1205.92	220.00	1.90

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1033E+03 EXCESS= .0000E+00 OUTFLOW= .1033E+03 BASIN STORAGE= .3651E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF5	MANE	2.26	1185.89	223.68	1.85	5.00	1167.37	220.00	1.85

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1001E+03 EXCESS= .0000E+00 OUTFLOW= .1001E+03 BASIN STORAGE= .4261E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF5	MANE	2.27	1169.63	222.25	1.82	5.00	1150.99	220.00	1.82

CONTINUITY SUMMARY (AC-FT) - INFLOW= .9855E+02 EXCESS= .0000E+00 OUTFLOW= .9855E+02 BASIN STORAGE= .4446E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF5	MANE	2.30	1095.29	222.88	1.70	5.00	1077.77	225.00	1.70

CONTINUITY SUMMARY (AC-FT) - INFLOW= .9234E+02 EXCESS= .0000E+00 OUTFLOW= .9234E+02 BASIN STORAGE= .4656E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF5	MANE	2.31	1055.93	224.27	1.65	5.00	1042.62	220.00	1.65

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8931E+02 EXCESS= .0000E+00 OUTFLOW= .8932E+02 BASIN STORAGE= .4131E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCOFF5	MANE	2.32	1040.15	222.85	1.62	5.00	1024.57	225.00	1.62

CONTINUITY SUMMARY (AC-FT) - INFLOW= .8773E+02 EXCESS= .0000E+00 OUTFLOW= .8773E+02 BASIN STORAGE= .4439E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

ROFF52	MANE	1.35	464.06	226.77	1.91	5.00	461.60	225.00	1.91

CONTINUITY SUMMARY (AC-FT) - INFLOW= .4017E+02 EXCESS= .0000E+00 OUTFLOW= .4017E+02 BASIN STORAGE= .1739E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

ROFF52	MANE	1.36	451.14	226.72	1.85	5.00	448.50	225.00	1.85

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3898E+02 EXCESS= .0000E+00 OUTFLOW= .3898E+02 BASIN STORAGE= .2037E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

ROFF52	MANE	1.36	445.36	226.03	1.82	5.00	441.49	225.00	1.82

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3839E+02 EXCESS= .0000E+00 OUTFLOW= .3839E+02 BASIN STORAGE= .2024E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

ROFF52	MANE	1.38	419.07	226.04	1.71	5.00	415.13	225.00	1.71

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3603E+02 EXCESS= .0000E+00 OUTFLOW= .3603E+02 BASIN STORAGE= .1941E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

ROFF52	MANE	1.39	406.06	226.09	1.65	5.00	402.05	225.00	1.66

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3486E+02 EXCESS= .0000E+00 OUTFLOW= .3486E+02 BASIN STORAGE= .1879E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

ROFF52	MANE	1.39	398.62	226.83	1.63	5.00	395.81	225.00	1.63

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3428E+02 EXCESS= .0000E+00 OUTFLOW= .3428E+02 BASIN STORAGE= .1844E-03 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

R2CNW1	MANE	1.49	1981.82	225.82	1.86	5.00	1974.68	225.00	1.86

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1690E+03 EXCESS= .0000E+00 OUTFLOW= .1691E+03 BASIN STORAGE= .3892E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

R2CNW1	MANE	1.51	1912.07	223.11	1.80	5.00	1904.02	225.00	1.80

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1639E+03 EXCESS= .0000E+00 OUTFLOW= .1639E+03 BASIN STORAGE= .3878E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

R2CNW1	MANE	1.51	1888.16	225.53	1.77	5.00	1886.09	225.00	1.78

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1613E+03 EXCESS= .0000E+00 OUTFLOW= .1613E+03 BASIN STORAGE= .3547E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

R2CNW1	MANE	1.55	1769.31	226.69	1.66	5.00	1765.56	225.00	1.66

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1511E+03 EXCESS= .0000E+00 OUTFLOW= .1512E+03 BASIN STORAGE= .3480E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

R2CNW1	MANE	1.57	1707.90	223.62	1.61	5.00	1706.46	225.00	1.61

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1462E+03 EXCESS= .0000E+00 OUTFLOW= .1462E+03 BASIN STORAGE= .3701E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

R2CNW1	MANE	1.58	1687.56	226.52	1.58	5.00	1676.39	225.00	1.58

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1436E+03 EXCESS= .0000E+00 OUTFLOW= .1436E+03 BASIN STORAGE= .4003E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW7C	MANE	1.20	1190.53	251.55	1.84	5.00	1188.43	250.00	1.84

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2155E+03 EXCESS= .0000E+00 OUTFLOW= .2155E+03 BASIN STORAGE= .2247E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW7C	MANE	1.21	1161.45	251.63	1.79	5.00	1159.39	250.00	1.79

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2089E+03 EXCESS= .0000E+00 OUTFLOW= .2089E+03 BASIN STORAGE= .2238E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW7C	MANE	1.22	1147.66	251.61	1.76	5.00	1145.71	250.00	1.76

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2057E+03 EXCESS= .0000E+00 OUTFLOW= .2057E+03 BASIN STORAGE= .2239E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW7C	MANE	1.24	1091.86	251.71	1.65	5.00	1090.00	250.00	1.65

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1928E+03 EXCESS= .0000E+00 OUTFLOW= .1928E+03 BASIN STORAGE= .2273E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW7C	MANE	1.25	1060.23	250.89	1.59	5.00	1058.32	250.00	1.59

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1864E+03 EXCESS= .0000E+00 OUTFLOW= .1864E+03 BASIN STORAGE= .2267E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW7C	MANE	1.26	1043.57	251.27	1.57	5.00	1041.76	250.00	1.57

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1831E+03 EXCESS= .0000E+00 OUTFLOW= .1831E+03 BASIN STORAGE= .2265E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW21	MANE	2.41	1241.34	250.79	1.86	5.00	1241.03	250.00	1.86

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2334E+03 EXCESS= .0000E+00 OUTFLOW= .2334E+03 BASIN STORAGE= .4603E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW21	MANE	2.44	1211.22	250.84	1.81	5.00	1210.81	250.00	1.81

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2264E+03 EXCESS= .0000E+00 OUTFLOW= .2264E+03 BASIN STORAGE= .4596E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW21	MANE	2.45	1199.02	249.59	1.78	5.00	1198.20	250.00	1.78

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2230E+03 EXCESS= .0000E+00 OUTFLOW= .2230E+03 BASIN STORAGE= .4603E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW21	MANE	2.50	1139.73	249.62	1.67	5.00	1139.16	250.00	1.67

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2091E+03 EXCESS= .0000E+00 OUTFLOW= .2091E+03 BASIN STORAGE= .4577E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW21	MANE	2.53	1107.00	250.03	1.62	5.00	1106.89	250.00	1.62

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2023E+03 EXCESS= .0000E+00 OUTFLOW= .2023E+03 BASIN STORAGE= .4647E-02 PERCENT ERROR= .0

FOR PLAN = 1 RATIO= .00

RCNW21	MANE	2.54	1087.32	251.60	1.59	5.00	1086.72	250.00	1.59

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1987E+03 EXCESS= .0000E+00 OUTFLOW= .1987E+03 BASIN STORAGE= .4581E-02 PERCENT ERROR= .0

*** NORMAL END OF HEC-1 ***

APPENDIX D

Surface Flow Hydraulic Computations

Street Hydraulics

Section - 1 (100-Yr)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	2.000	%
Discharge	16.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+27.00	0.67
0+27.00	0.75
0+40.00	0.75
0+40.00	0.67
0+65.00	0.17
0+65.00	0.13
0+66.50	0.00
0+66.50	0.48
0+67.00	0.50

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+27.00, 0.67)	0.016
(0+27.00, 0.67)	(0+40.00, 0.67)	0.013
(0+40.00, 0.67)	(0+65.00, 0.13)	0.016
(0+65.00, 0.13)	(0+67.00, 0.50)	0.013

Section - 1 (100-Yr)

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth		0.41	ft
Elevation Range	0.00 to 0.75 ft		
Flow Area		3.89	ft²
Wetted Perimeter		27.83	ft
Hydraulic Radius		0.14	ft
Top Width		26.92	ft
Normal Depth		0.41	ft
Critical Depth		0.50	ft
Critical Slope		0.00506	ft/ft
Velocity		4.11	ft/s
Velocity Head		0.26	ft
Specific Energy		0.67	ft
Froude Number		1.90	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.41	ft
Critical Depth	0.50	ft
Channel Slope	2.000	%
Critical Slope	0.00506	ft/ft

Section - 1 (100-Yr)

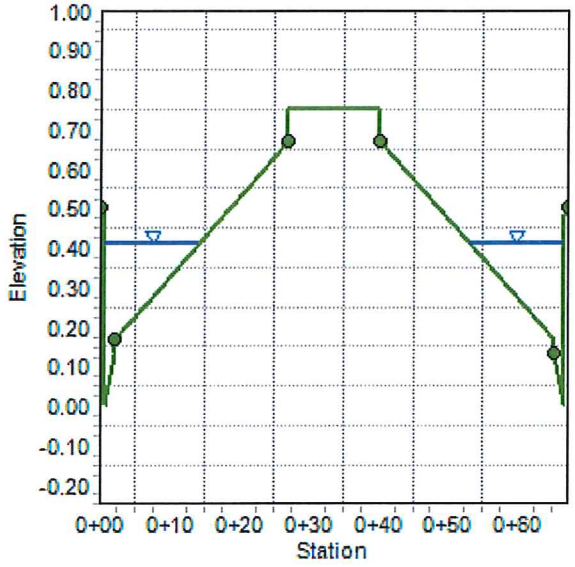
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	2.000	%
Normal Depth	0.41	ft
Discharge	16.00	ft³/s

Cross Section Image



Section - 2 (100-Yr)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	2.000	%
Discharge	10.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+27.00	0.67
0+27.00	0.75
0+40.00	0.75
0+40.00	0.67
0+65.00	0.17
0+65.00	0.13
0+66.50	0.00
0+66.50	0.48
0+67.00	0.50

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+27.00, 0.67)	0.016
(0+27.00, 0.67)	(0+40.00, 0.67)	0.013
(0+40.00, 0.67)	(0+65.00, 0.13)	0.016
(0+65.00, 0.13)	(0+67.00, 0.50)	0.013

Section - 2 (100-Yr)

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth		0.36	ft
Elevation Range	0.00 to 0.75		
Flow Area		2.61	ft²
Wetted Perimeter		22.43	ft
Hydraulic Radius		0.12	ft
Top Width		21.63	ft
Normal Depth		0.36	ft
Critical Depth		0.43	ft
Critical Slope		0.00483	ft/ft
Velocity		3.83	ft/s
Velocity Head		0.23	ft
Specific Energy		0.58	ft
Froude Number		1.95	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.36	ft
Critical Depth	0.43	ft
Channel Slope	2.000	%
Critical Slope	0.00483	ft/ft

Section - 2 (100-Yr)

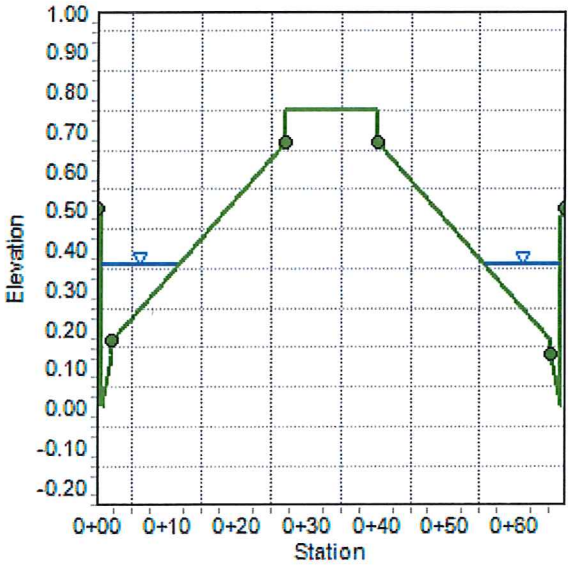
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	2.000	%
Normal Depth	0.36	ft
Discharge	10.00	ft³/s

Cross Section Image



Section - 3a (100-Yr Half Street)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	2.000	%
Discharge	9.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+33.50	0.80

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+33.50, 0.80)	0.016

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth	0.42	ft
Elevation Range	0.00 to 0.80	
Flow Area	2.15	ft²
Wetted Perimeter	14.66	ft
Hydraulic Radius	0.15	ft
Top Width	14.19	ft

Section - 3a (100-Yr Half Street)

Results

Normal Depth		0.42	ft
Critical Depth		0.51	ft
Critical Slope		0.00511	ft/ft
Velocity		4.19	ft/s
Velocity Head		0.27	ft
Specific Energy		0.70	ft
Froude Number		1.90	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.42	ft
Critical Depth	0.51	ft
Channel Slope	2.000	%
Critical Slope	0.00511	ft/ft

Section - 3a (100-Yr Half Street)

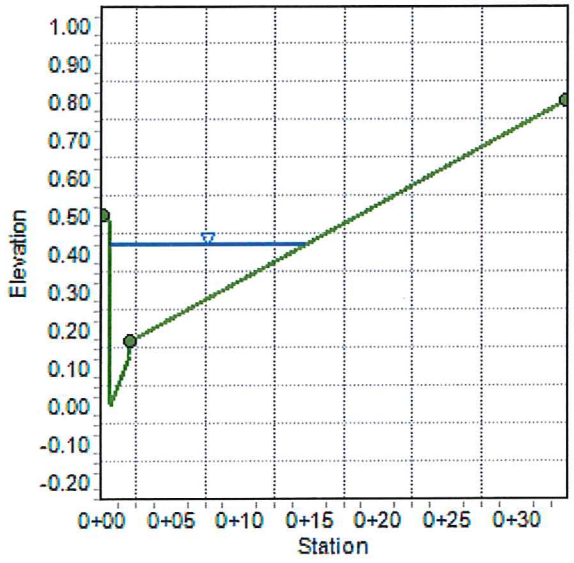
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	2.000	%
Normal Depth	0.42	ft
Discharge	9.00	ft³/s

Cross Section Image



Section - 3b (100-Yr)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	1.000	%
Discharge	13.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+27.00	0.67
0+27.00	0.75
0+40.00	0.75
0+40.00	0.67
0+65.00	0.17
0+65.00	0.13
0+66.50	0.00
0+66.50	0.48
0+67.00	0.50

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+27.00, 0.67)	0.016
(0+27.00, 0.67)	(0+40.00, 0.67)	0.013
(0+40.00, 0.67)	(0+65.00, 0.13)	0.016
(0+65.00, 0.13)	(0+67.00, 0.50)	0.013

Section - 3b (100-Yr)

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth		0.43	ft
Elevation Range	0.00 to 0.75		
Flow Area		4.36	ft²
Wetted Perimeter		29.56	ft
Hydraulic Radius		0.15	ft
Top Width		28.61	ft
Normal Depth		0.43	ft
Critical Depth		0.46	ft
Critical Slope		0.00531	ft/ft
Velocity		2.98	ft/s
Velocity Head		0.14	ft
Specific Energy		0.56	ft
Froude Number		1.35	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.43	ft
Critical Depth	0.46	ft
Channel Slope	1.000	%
Critical Slope	0.00531	ft/ft

Section - 3b (100-Yr)

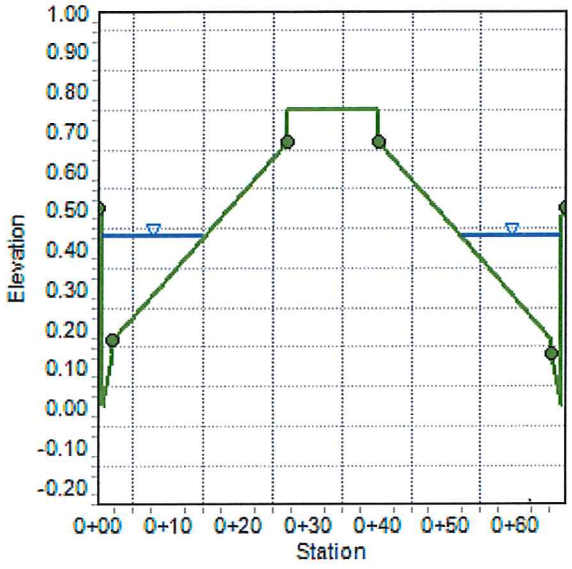
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	1.000	%
Normal Depth	0.43	ft
Discharge	13.00	ft³/s

Cross Section Image



Section - 4 (100-Yr Half Street)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	4.000	%
Discharge	7.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+33.50	0.80

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+33.50, 0.80)	0.016

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth	0.36	ft
Elevation Range	0.00 to 0.80 ft	
Flow Area	1.30	ft²
Wetted Perimeter	11.18	ft
Hydraulic Radius	0.12	ft
Top Width	10.78	ft

Section - 4 (100-Yr Half Street)

Results

Normal Depth		0.36	ft
Critical Depth		0.48	ft
Critical Slope		0.00463	ft/ft
Velocity		5.40	ft/s
Velocity Head		0.45	ft
Specific Energy		0.81	ft
Froude Number		2.74	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.36	ft
Critical Depth	0.48	ft
Channel Slope	4.000	%
Critical Slope	0.00463	ft/ft

Section - 4 (100-Yr Half Street)

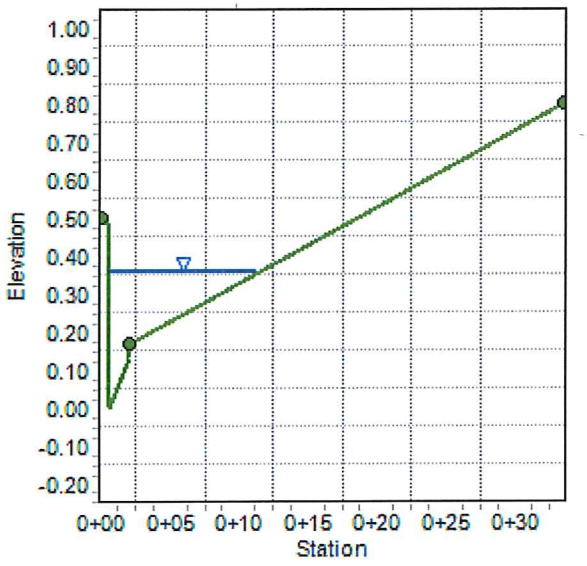
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	4.000	%
Normal Depth	0.36	ft
Discharge	7.00	ft³/s

Cross Section Image



Section - 5 (100-Yr Half Street)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	1.500	%
Discharge	8.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+33.50	0.80

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+33.50, 0.80)	0.016

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth	0.43	ft
Elevation Range	0.00 to 0.80	
Flow Area	2.20	ft²
Wetted Perimeter	14.83	ft
Hydraulic Radius	0.15	ft
Top Width	14.36	ft

Section - 5 (100-Yr Half Street)

Results

Normal Depth		0.43	ft
Critical Depth		0.50	ft
Critical Slope		0.00522	ft/ft
Velocity		3.64	ft/s
Velocity Head		0.21	ft
Specific Energy		0.63	ft
Froude Number		1.64	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.43	ft
Critical Depth	0.50	ft
Channel Slope	1.500	%
Critical Slope	0.00522	ft/ft

Section - 5 (100-Yr Half Street)

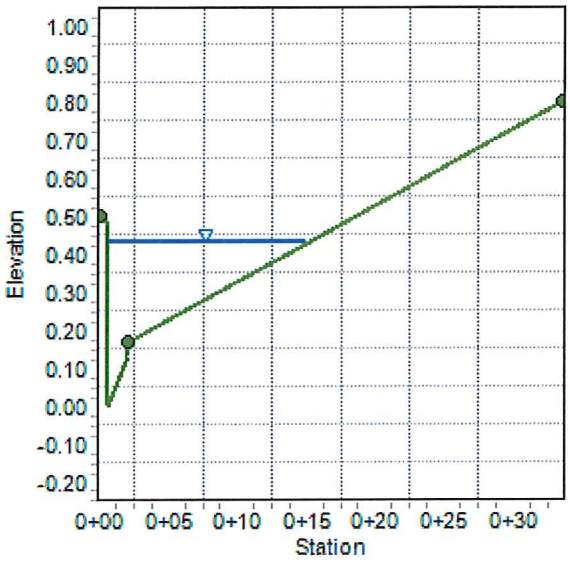
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	1.500	%
Normal Depth	0.43	ft
Discharge	8.00	ft³/s

Cross Section Image



Section - 6 (100-Yr)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	2.000	%
Discharge	10.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+27.00	0.67
0+27.00	0.75
0+40.00	0.75
0+40.00	0.67
0+65.00	0.17
0+65.00	0.13
0+66.50	0.00
0+66.50	0.48
0+67.00	0.50

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+27.00, 0.67)	0.016
(0+27.00, 0.67)	(0+40.00, 0.67)	0.013
(0+40.00, 0.67)	(0+65.00, 0.13)	0.016
(0+65.00, 0.13)	(0+67.00, 0.50)	0.013

Section - 6 (100-Yr)

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth		0.36	ft
Elevation Range	0.00 to 0.75 ft		
Flow Area		2.61	ft²
Wetted Perimeter		22.43	ft
Hydraulic Radius		0.12	ft
Top Width		21.63	ft
Normal Depth		0.36	ft
Critical Depth		0.43	ft
Critical Slope		0.00483	ft/ft
Velocity		3.83	ft/s
Velocity Head		0.23	ft
Specific Energy		0.58	ft
Froude Number		1.95	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.36	ft
Critical Depth	0.43	ft
Channel Slope	2.000	%
Critical Slope	0.00483	ft/ft

Section - 6 (100-Yr)

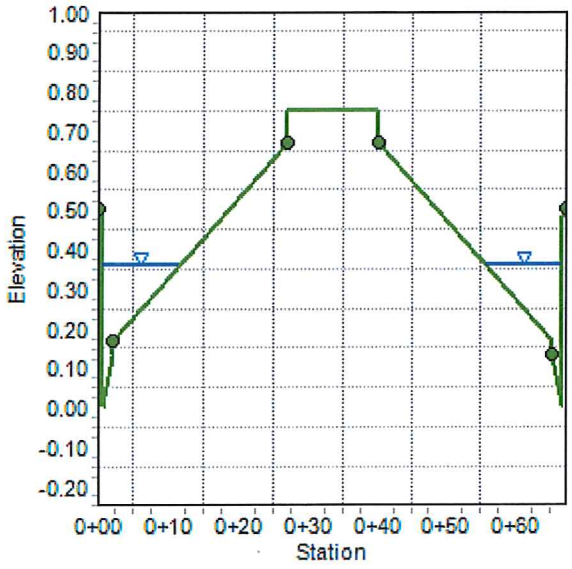
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	2.000	%
Normal Depth	0.36	ft
Discharge	10.00	ft³/s

Cross Section Image



Section - 7 (100-Yr)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	4.750	%
Discharge	13.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+39.00	0.91
0+39.00	0.99
0+52.00	0.99
0+52.00	0.91
0+89.00	0.17
0+89.00	0.13
0+90.50	0.00
0+90.50	0.48
0+91.00	0.50

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+39.00, 0.91)	0.016
(0+39.00, 0.91)	(0+52.00, 0.91)	0.013
(0+52.00, 0.91)	(0+89.00, 0.13)	0.016
(0+89.00, 0.13)	(0+91.00, 0.50)	0.013

Section - 7 (100-Yr)

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth		0.35	ft
Elevation Range	0.00 to 0.99 ft		
Flow Area		2.43	ft²
Wetted Perimeter		21.58	ft
Hydraulic Radius		0.11	ft
Top Width		20.79	ft
Normal Depth		0.35	ft
Critical Depth		0.46	ft
Critical Slope		0.00545	ft/ft
Velocity		5.35	ft/s
Velocity Head		0.44	ft
Specific Energy		0.79	ft
Froude Number		2.76	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.35	ft
Critical Depth	0.46	ft
Channel Slope	4.750	%
Critical Slope	0.00545	ft/ft

Section - 7 (100-Yr)

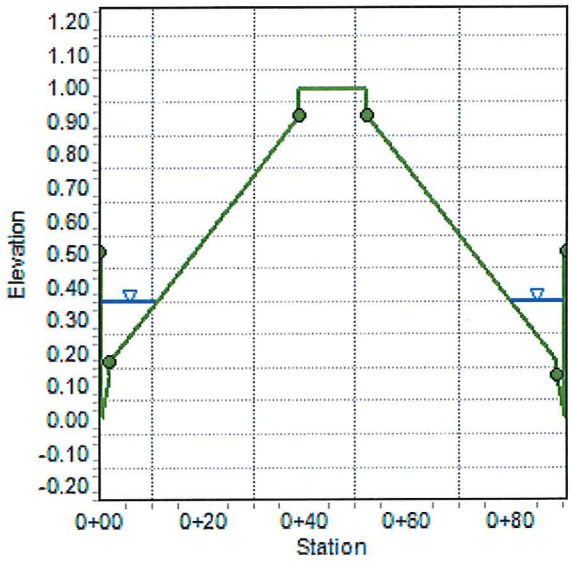
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	4.750	%
Normal Depth	0.35	ft
Discharge	13.00	ft³/s

Cross Section Image



Section - 8 (100-Yr)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	1.500	%
Discharge	14.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+39.00	0.91
0+39.00	0.99
0+52.00	0.99
0+52.00	0.91
0+89.00	0.17
0+89.00	0.13
0+90.50	0.00
0+90.50	0.48
0+91.00	0.50

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+39.00, 0.91)	0.016
(0+39.00, 0.91)	(0+52.00, 0.91)	0.013
(0+52.00, 0.91)	(0+89.00, 0.13)	0.016
(0+89.00, 0.13)	(0+91.00, 0.50)	0.013

Section - 8 (100-Yr)

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth		0.41	ft
Elevation Range	0.00 to 0.99 ft		
Flow Area		3.92	ft²
Wetted Perimeter		27.95	ft
Hydraulic Radius		0.14	ft
Top Width		27.03	ft
Normal Depth		0.41	ft
Critical Depth		0.48	ft
Critical Slope		0.00514	ft/ft
Velocity		3.57	ft/s
Velocity Head		0.20	ft
Specific Energy		0.61	ft
Froude Number		1.65	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.41	ft
Critical Depth	0.48	ft
Channel Slope	1.500	%
Critical Slope	0.00514	ft/ft

Section - 8 (100-Yr)

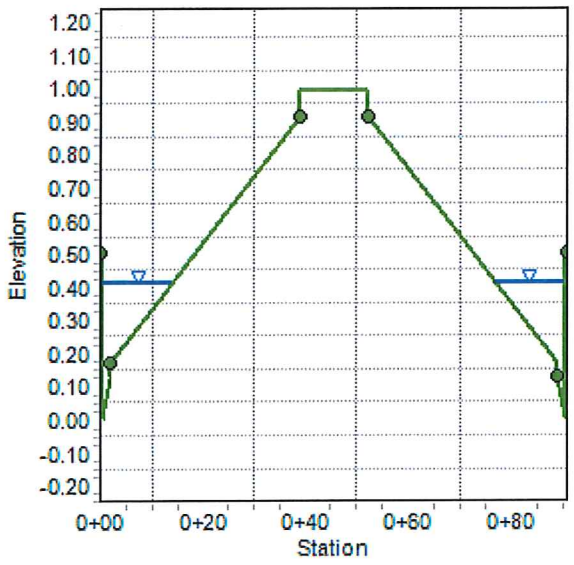
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	1.500	%
Normal Depth	0.41	ft
Discharge	14.00	ft³/s

Cross Section Image



Section - 9 (100-Yr Half Street Rough Graded)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	3.440	%
Discharge	13.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.00	0.00
0+27.00	0.54
0+27.00	1.04
0+40.00	1.04

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+40.00, 1.04)	0.025

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth	0.38	ft
Elevation Range	0.00 to 1.04 ft	
Flow Area	3.62	ft²
Wetted Perimeter	19.40	ft
Hydraulic Radius	0.19	ft
Top Width	19.02	ft
Normal Depth	0.38	ft
Critical Depth	0.44	ft

Section - 9 (100-Yr Half Street Rough Graded)

Results

Critical Slope		0.01548	ft/ft
Velocity		3.59	ft/s
Velocity Head		0.20	ft
Specific Energy		0.58	ft
Froude Number		1.45	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.38	ft
Critical Depth	0.44	ft
Channel Slope	3.440	%
Critical Slope	0.01548	ft/ft

Section - 9 (100-Yr Half Street Rough Graded)

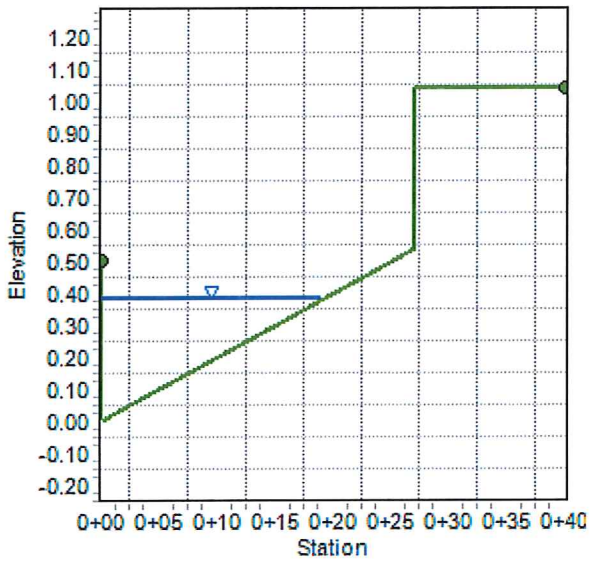
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	3.440	%
Normal Depth	0.38	ft
Discharge	13.00	ft³/s

Cross Section Image



Section - SH10 (10-Yr Min Slope)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	1.000	%
Discharge	8.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+27.00	0.67
0+27.00	0.75
0+40.00	0.75
0+40.00	0.67
0+65.00	0.17
0+65.00	0.13
0+66.50	0.00
0+66.50	0.48
0+67.00	0.50

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+27.00, 0.67)	0.016
(0+27.00, 0.67)	(0+40.00, 0.67)	0.013
(0+40.00, 0.67)	(0+65.00, 0.13)	0.016
(0+65.00, 0.13)	(0+67.00, 0.50)	0.013

Section - SH10 (10-Yr Min Slope)

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth		0.37	ft
Elevation Range	0.00 to 0.75		
Flow Area		2.89	ft²
Wetted Perimeter		23.74	ft
Hydraulic Radius		0.12	ft
Top Width		22.91	ft
Normal Depth		0.37	ft
Critical Depth		0.40	ft
Critical Slope		0.00512	ft/ft
Velocity		2.76	ft/s
Velocity Head		0.12	ft
Specific Energy		0.49	ft
Froude Number		1.37	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.37	ft
Critical Depth	0.40	ft
Channel Slope	1.000	%
Critical Slope	0.00512	ft/ft

Section - SH10 (10-Yr Min Slope)

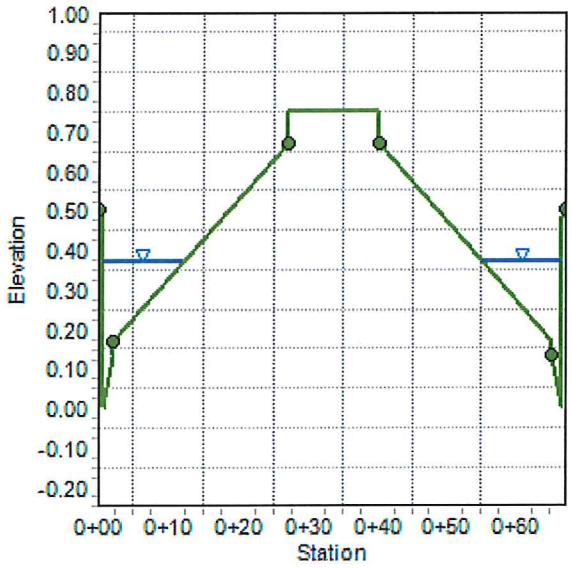
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	1.000	%
Normal Depth	0.37	ft
Discharge	8.00	ft³/s

Cross Section Image



Section - SH10 (10-Yr Max Slope)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	3.240	%
Discharge	8.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+27.00	0.67
0+27.00	0.75
0+40.00	0.75
0+40.00	0.67
0+65.00	0.17
0+65.00	0.13
0+66.50	0.00
0+66.50	0.48
0+67.00	0.50

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+27.00, 0.67)	0.016
(0+27.00, 0.67)	(0+40.00, 0.67)	0.013
(0+40.00, 0.67)	(0+65.00, 0.13)	0.016
(0+65.00, 0.13)	(0+67.00, 0.50)	0.013

Section - SH10 (10-Yr Max Slope)

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth		0.32	ft
Elevation Range	0.00 to 0.75		
Flow Area		1.90	ft²
Wetted Perimeter		18.77	ft
Hydraulic Radius		0.10	ft
Top Width		18.04	ft
Normal Depth		0.32	ft
Critical Depth		0.40	ft
Critical Slope		0.00554	ft/ft
Velocity		4.22	ft/s
Velocity Head		0.28	ft
Specific Energy		0.60	ft
Froude Number		2.29	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.32	ft
Critical Depth	0.40	ft
Channel Slope	3.240	%
Critical Slope	0.00554	ft/ft

Section - SH10 (10-Yr Max Slope)

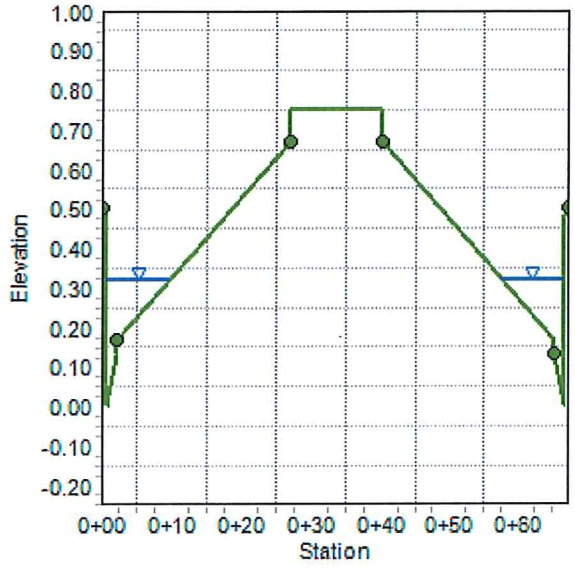
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	3.240	%
Normal Depth	0.32	ft
Discharge	8.00	ft³/s

Cross Section Image



Section - IM10 (10-Yr Min Slope)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	2.000	%
Discharge	6.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+33.50	0.80

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+33.50, 0.80)	0.016

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth	0.38	ft
Elevation Range	0.00 to 0.80 ft	
Flow Area	1.53	ft²
Wetted Perimeter	12.22	ft
Hydraulic Radius	0.12	ft
Top Width	11.79	ft

Section - IM10 (10-Yr Min Slope)

Results

Normal Depth		0.38	ft
Critical Depth		0.45	ft
Critical Slope		0.00495	ft/ft
Velocity		3.93	ft/s
Velocity Head		0.24	ft
Specific Energy		0.62	ft
Froude Number		1.93	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.38	ft
Critical Depth	0.45	ft
Channel Slope	2.000	%
Critical Slope	0.00495	ft/ft

Section - IM10 (10-Yr Min Slope)

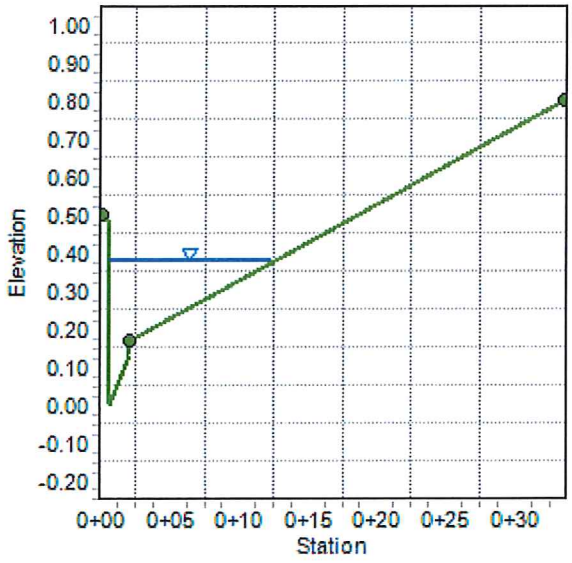
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	2.000	%
Normal Depth	0.38	ft
Discharge	6.00	ft³/s

Cross Section Image



Section - IM10 (10-Yr Max Slope)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	4.000	%
Discharge	6.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+33.50	0.80

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+33.50, 0.80)	0.016

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth	0.35	ft
Elevation Range	0.00 to 0.80 ft	
Flow Area	1.25	ft²
Wetted Perimeter	10.94	ft
Hydraulic Radius	0.11	ft
Top Width	10.55	ft

Section - IM10 (10-Yr Max Slope)

Results

Normal Depth		0.35	ft
Critical Depth		0.45	ft
Critical Slope		0.00665	ft/ft
Velocity		4.81	ft/s
Velocity Head		0.36	ft
Specific Energy		0.71	ft
Froude Number		2.47	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.35	ft
Critical Depth	0.45	ft
Channel Slope	4.000	%
Critical Slope	0.00665	ft/ft

Section - IM10 (10-Yr Max Slope)

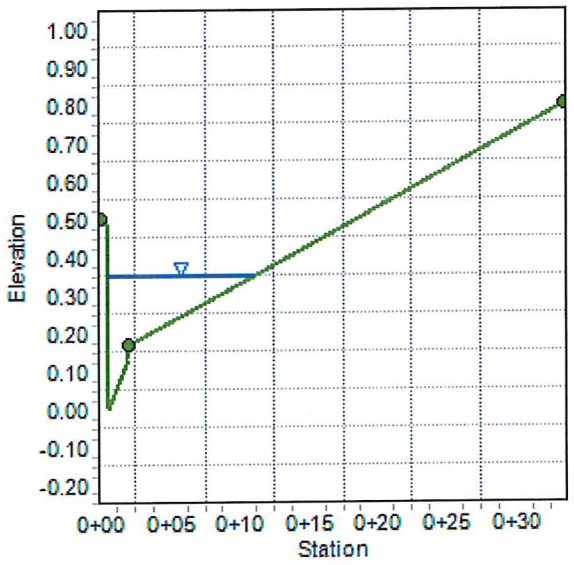
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	4.000	%
Normal Depth	0.35	ft
Discharge	6.00	ft³/s

Cross Section Image



Section - SC10 (10-Yr)

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	4.750	%
Discharge	10.00	ft³/s

Section Definitions

Station (ft)	Elevation (ft)
0+00.00	0.50
0+00.50	0.48
0+00.50	0.00
0+02.00	0.13
0+02.00	0.17
0+39.00	0.91
0+39.00	0.99
0+52.00	0.99
0+52.00	0.91
0+89.00	0.17
0+89.00	0.13
0+90.50	0.00
0+90.50	0.48
0+91.00	0.50

Roughness Segment Definitions

Start Station	Ending Station	Roughness Coefficient
(0+00.00, 0.50)	(0+02.00, 0.17)	0.013
(0+02.00, 0.17)	(0+39.00, 0.91)	0.016
(0+39.00, 0.91)	(0+52.00, 0.91)	0.013
(0+52.00, 0.91)	(0+89.00, 0.13)	0.016
(0+89.00, 0.13)	(0+91.00, 0.50)	0.013

Section - SC10 (10-Yr)

Options

Current Roughness Weighted Method	Improved Lotter's Method
Open Channel Weighting Method	Improved Lotter's Method
Closed Channel Weighting Method	Horton's Method

Results

Normal Depth		0.32	ft
Elevation Range	0.00 to 0.99 ft		
Flow Area		1.95	ft²
Wetted Perimeter		19.06	ft
Hydraulic Radius		0.10	ft
Top Width		18.32	ft
Normal Depth		0.32	ft
Critical Depth		0.43	ft
Critical Slope		0.00541	ft/ft
Velocity		5.13	ft/s
Velocity Head		0.41	ft
Specific Energy		0.73	ft
Froude Number		2.78	
Flow Type	Supercritical		

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.32	ft
Critical Depth	0.43	ft
Channel Slope	4.750	%
Critical Slope	0.00541	ft/ft

Section - SC10 (10-Yr)

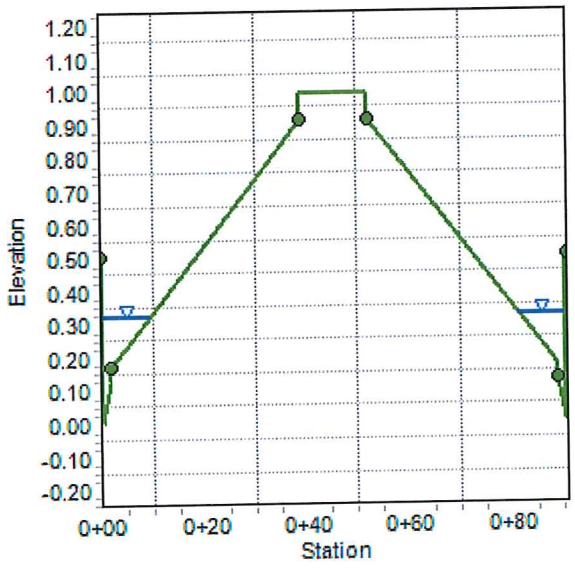
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Channel Slope	4.750	%
Normal Depth	0.32	ft
Discharge	10.00	ft³/s

Cross Section Image



Drop Inlets

Curb Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number:	SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
Date:	2/6/2018
By:	ETM

Notes:		
Facility ID:	P7	
Drainage Condition:	Interim	
Source of Flow:	Q100 = Basin STR4	
Inlet Type:	Type CM2 (Continuous Grade)	
Inlet Length:	20.-ft	
Number of Grates	7	
Input:	**Variable:**	**Input:**
Street Flow (cfs)	Q	8.0
Longitudinal Slope (ft/ft)	S_o	0.0200
Manning's Coefficient	n	0.016
Street Flow Velocity (fps)	V	4.11
Street Flow Depth (ft)	D	0.41
Street Cross Slope (ft/ft)	S_x	0.02
Grate Width (ft)	W	1.5
Grate Depression (in)	D_g	2.0
Length of Grate (ft)	L_g	17.5
Length of Curb Opening (ft)	L_c	20.00
Clogging Factor - Grate (%)	CF_g	50%
Clogging Factor - Curb (%)	CF_c	50%
Effective Grate Length (ft)	L_{ge}	8.8
Effective Curb Opening Length (ft)	L_{ce}	10.00
Output (Grate):	**Equation:**	**Output (Grate):**
[1] R_f - Frontal Flow Factor	1-0.09*(V-V_x) if V>V_x; else Frontal Flow Factor=1	1.00
[2] V_o - Splash Over Velocity (fps)	V_x=p+q*Lg-r*L_{ge}^2+sy*L_{ge}^3 ; where	42.93
	p=0.30,q=4.85,r=1.31,sy=0.15 (for Vane Grate)	
[1] E - Grate Flow Ratio	Frontal Flow/Side Flow	0.30
[2] Q_w - Frontal Flow (cfs)	$Q_w = Q[1-(1-(W/T))^{2.67}]$	2.37
[1] Q_s - Side Flow (cfs)	Q_s = Q-Qw	5.6
T - Side Flow Spread (ft)	$(D-D_g)/S_x$	12.17
[1] R_s - Side Flow Factor	$1/(1+(0.15*V^{1.8})/(S_x*L_{ge}^{2.3}))$	0.61
[1] Q_{gi} - Intercepted Flow (cfs)	$(R_f*E+R_s*(1-E))*Q$	5.8
Output (Curb):	**Equation:**	**Output (Curb):**
[1] S_e - Equivalent Cross Slope (ft/ft)	S_x+S_g*E	0.053
Q_{sx} - Remaining Flow After Grate Interception (cfs)	$Q-Q_{gi}$	2.219
S_g - Gutter Cross Slope (ft/ft)	D_g/W	0.111
[1] L_t - Effective Interception Length (ft)	$0.60*Q_{sx}^{0.42}*S_o^{0.30}*(1/n*S_e)^{0.6}$	18.08
[1] Q_{ci} - Intercepted Flow (cfs)	$(1-(1-L_{ce}/L_t)^{1.8})*Q_{sx}$	1.7
	or Q_{sx} if L_t is less than L_{ce}	
Output (Combination):	**Equation:**	**Output (Combination):**
Total Intercepted Flow (cfs)	Intercepted (Grate) + Intercepted (Curb)	**7.5**
Bypass Flow (cfs)	Street Flow - Total Intercepted Flow	**0.5**

[1] Formula referenced from the CCRFCD Manual

[2] Formula referenced from FHWA Urban Drainage Design Manual (HEC-22)

Grate Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number: Skye Canyon Infrastructure Phase 3B, 3C
Date: 2/6/2018 10:07
By: ETM

Notes:

Facility ID:	P7 (Temporary)
Drainage Condition:	Interim Condition
Source of Flow:	Q100= 1/2 STR4
Inlet Type:	Beehive
Inlet Size:	2-ft Diameter

Known Information:

Q =	Flow (cfs)	8.0
W =	Width of Grate (ft)	
L =	Length of Grate (ft)	
D =	Diameter of Circle (in)	24.00
Cf =	Clogging Factor (%)	50

Weir Conditions:

$$HW = (Q/(Cw*Pc))^{2/3}$$

Cw =	Weir Coefficient	3.30
P =	Perimeter of grate (ft)	6.3
Pc =	Perimeter (w/clogging) (ft)	3.1
HW =	Headwater depth (ft)	0.84

Orifice Conditions:

$$HW = (Q/(Co*Ac))^2/2*g$$

Co =	Orifice Coefficient	0.67
Ag =	Grate Area (ft^2)	3.14
Gf =	Grate Opening Factor	0.67
Ac =	Grate Open Area (w/ clogging) (ft^2)	1.05
g =	Gravity (fps)	32.20
HW =	Headwater depth (ft)	2.00

Output:

Worst Case Scenario Occurs Under Orifice Conditions

Headwater Depth = 2.00 ft with Circ Grate

Curb Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number:	SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
Date:	2/6/2018
By:	ETM

	Notes:		
	Facility ID:	P9 & P10	
	Drainage Condition:	Interim	
	Source of Flow:	Q100 = Bypas + Basin STR3	
	Inlet Type:	Type CM2 (Continuous Grade)	
	Inlet Length:	17.5-ft	
	Number of Grates	6	
	Input:	**Variable:**	**Input:**
	Street Flow (cfs)	Q	5.0
	Longitudinal Slope (ft/ft)	S_o	0.0200
	Manning's Coefficient	n	0.016
	Street Flow Velocity (fps)	V	3.83
	Street Flow Depth (ft)	D	0.36
	Street Cross Slope (ft/ft)	S_x	0.02
	Grate Width (ft)	W	1.5
	Grate Depression (in)	D_g	2.0
	Length of Grate (ft)	L_g	15.0
	Length of Curb Opening (ft)	L_c	17.50
	Clogging Factor - Grate (%)	CF_g	50%
	Clogging Factor - Curb (%)	CF_c	50%
	Effective Grate Length (ft)	L_{ge}	7.5
	Effective Curb Opening Length (ft)	L_{ce}	8.75
	Output (Grate):	**Equation:**	**Output (Grate):**
[1]	R_f - Frontal Flow Factor	1-0.09*(V-V_x) if V>V_x; else Frontal Flow Factor=1	1.00
[2]	V_o - Splash Over Velocity (fps)	V_x=p+q*Lg-r*L_{ge}^2+sy*L_{ge}^3 ; where	26.27
		p=0.30,q=4.85,r=1.31,sy=0.15 (for Vane Grate)	
[1]	E - Grate Flow Ratio	Frontal Flow/Side Flow	0.36
[2]	Q_w - Frontal Flow (cfs)	$Q_w = Q[1-(1-(W/T))^{2.67}]$	1.81
[1]	Q_s - Side Flow (cfs)	Q_s = Q-Qw	3.2
	T - Side Flow Spread (ft)	$(D-D_g)/S_x$	9.67
[1]	R_s - Side Flow Factor	$1/(1+(0.15*V^{1.8})/(S_x*L_{ge}^{2.3}))$	0.55
[1]	Q_{gi} - Intercepted Flow (cfs)	$(R_f*E+R_s*(1-E))*Q$	3.6
	Output (Curb):	**Equation:**	**Output (Curb):**
[1]	S_e - Equivalent Cross Slope (ft/ft)	S_x+S_g*E	0.060
	Q_{sx} - Remaining Flow After Grate Interception (cfs)	$Q-Q_{gi}$	1.433
	S_g - Gutter Cross Slope (ft/ft)	D_g/W	0.111
[1]	L_t - Effective Interception Length (ft)	$0.60*Q_{sx}^{0.42}*S_o^{0.30}*(1/n*S_e)^{0.6}$	13.92
[1]	Q_{ci} - Intercepted Flow (cfs)	$(1-(1-L_{ce}/L_t)^{1.8})*Q_{sx}$	1.2
		or Q_{sx} if L_t is less than L_{ce}	
	Output (Combination):	**Equation:**	**Output (Combination):**
	Total Intercepted Flow (cfs)	Intercepted (Grate) + Intercepted (Curb)	**4.8**
	Bypass Flow (cfs)	Street Flow - Total Intercepted Flow	**0.2**

[1] Formula referenced from the CCRFCD Manual

[2] Formula referenced from FHWA Urban Drainage Design Manual (HEC-22)

Curb Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number:	SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
Date:	2/6/2018
By:	ETM

	Notes:		
	Facility ID:	P14	
	Drainage Condition:	Interim	
	Source of Flow:	Q100 = Basin STR2	
	Inlet Type:	Type CM2 (Continuous Grade)	
	Inlet Length:	17.5-ft	
	Number of Grates	6	
	Input:	**Variable:**	**Input:**
	Street Flow (cfs)	Q	6.5
	Longitudinal Slope (ft/ft)	S_o	0.0100
	Manning's Coefficient	n	0.016
	Street Flow Velocity (fps)	V	2.98
	Street Flow Depth (ft)	D	0.43
	Street Cross Slope (ft/ft)	S_x	0.02
	Grate Width (ft)	W	1.5
	Grate Depression (in)	D_g	2.0
	Length of Grate (ft)	L_g	15.0
	Length of Curb Opening (ft)	L_c	17.50
	Clogging Factor - Grate (%)	CF_g	50%
	Clogging Factor - Curb (%)	CF_c	50%
	Effective Grate Length (ft)	L_{ge}	7.5
	Effective Curb Opening Length (ft)	L_{ce}	8.75
	Output (Grate):	**Equation:**	**Output (Grate):**
[1]	R_f - Frontal Flow Factor	1-0.09*(V-V_x) if V>V_x; else Frontal Flow Factor=1	1.00
[2]	V_o - Splash Over Velocity (fps)	V_x=p+q*Lg-r*L_{ge}^2+sy*L_{ge}^3 ; where	26.27
		p=0.30,q=4.85,r=1.31,sy=0.15 (for Vane Grate)	
[1]	E - Grate Flow Ratio	Frontal Flow/Side Flow	0.28
[2]	Q_w - Frontal Flow (cfs)	$Q_w = Q[1-(1-(W/T))^{2.67}]$	1.79
[1]	Q_s - Side Flow (cfs)	Q_s = Q-Qw	4.7
	T - Side Flow Spread (ft)	$(D-D_g)/S_x$	13.17
[1]	R_s - Side Flow Factor	$1/(1+(0.15*V^{1.8})/(S_x*L_{ge}^{2.3}))$	0.66
[1]	Q_{gi} - Intercepted Flow (cfs)	$(R_f*E+R_s*(1-E))*Q$	4.9
	Output (Curb):	**Equation:**	**Output (Curb):**
[1]	S_e - Equivalent Cross Slope (ft/ft)	S_x+S_g*E	0.051
	Q_{sx} - Remaining Flow After Grate Interception (cfs)	$Q-Q_{gi}$	1.610
	S_g - Gutter Cross Slope (ft/ft)	D_g/W	0.111
[1]	L_t - Effective Interception Length (ft)	$0.60*Q_{sx}^{0.42}*S_o^{0.30}*(1/n*S_e)^{0.6}$	13.17
[1]	Q_{ci} - Intercepted Flow (cfs)	$(1-(1-L_{ce}/L_t)^{1.8})*Q_{sx}$	1.4
		or Q_{sx} if L_t is less than L_{ce}	
	Output (Combination):	**Equation:**	**Output (Combination):**
	Total Intercepted Flow (cfs)	Intercepted (Grate) + Intercepted (Curb)	**6.3**
	Bypass Flow (cfs)	Street Flow - Total Intercepted Flow	**0.2**

[1] Formula referenced from the CCRFCD Manual

[2] Formula referenced from FHWA Urban Drainage Design Manual (HEC-22)

Grate Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number: Skye Canyon Infrastructure Phase 3B, 3C
Date: 2/7/2018 10:22
By: ETM

Notes:

Facility ID:	P14
Drainage Condition:	Interim Condition
Source of Flow:	Q100= 1/2STR2
Inlet Type:	Beehive
Inlet Size:	2-ft Diameter

Known Information:

Q =	Flow (cfs)	6.5
W =	Width of Grate (ft)	
L =	Length of Grate (ft)	
D =	Diameter of Circle (in)	24.00
Cf =	Clogging Factor (%)	50

Weir Conditions:

$$HW = (Q/(Cw*Pc))^{2/3}$$

Cw =	Weir Coefficient	3.30
P =	Perimeter of grate (ft)	6.3
Pc =	Perimeter (w/clogging) (ft)	3.1
HW =	Headwater depth (ft)	0.73

Orifice Conditions:

$$HW = (Q/(Co*Ac))^2/2*g$$

Co =	Orifice Coefficient	0.67
Ag =	Grate Area (ft^2)	3.14
Gf =	Grate Opening Factor	0.67
Ac =	Grate Open Area (w/ clogging) (ft^2)	1.05
g =	Gravity (fps)	32.20
HW =	Headwater depth (ft)	1.32

Output:

Worst Case Scenario Occurs Under Orifice Conditions

Headwater Depth = 1.32 ft with Circ Grate

Curb Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number:	SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
Date:	2/6/2018
By:	ETM

Notes:		
Facility ID:	P17	
Drainage Condition:	Interim	
Source of Flow:	Q100 = Basin WIRN1 + WIRN2 (Referenced from the MDS Study)	
Inlet Type:	Type CM2 (Continuous Grade)	
Inlet Length:	17.5-ft	
Number of Grates	6	
Input:	**Variable:**	**Input:**
Street Flow (cfs)	Q	9.0
Longitudinal Slope (ft/ft)	S_o	0.0200
Manning's Coefficient	n	0.016
Street Flow Velocity (fps)	V	4.19
Street Flow Depth (ft)	D	0.42
Street Cross Slope (ft/ft)	S_x	0.02
Grate Width (ft)	W	1.5
Grate Depression (in)	D_g	2.0
Length of Grate (ft)	L_g	15.0
Length of Curb Opening (ft)	L_c	17.50
Clogging Factor - Grate (%)	CF_g	50%
Clogging Factor - Curb (%)	CF_c	50%
Effective Grate Length (ft)	L_{ge}	7.5
Effective Curb Opening Length (ft)	L_{ce}	8.75
Output (Grate):	**Equation:**	**Output (Grate):**
[1] R_f - Frontal Flow Factor	1-0.09*(V-V_x) if V>V_x; else Frontal Flow Factor=1	1.00
[2] V_o - Splash Over Velocity (fps)	V_x=p+q*Lg-r*L_{ge}^2+sy*L_{ge}^3 ; where	26.27
	p=0.30,q=4.85,r=1.31,sy=0.15 (for Vane Grate)	
[1] E - Grate Flow Ratio	Frontal Flow/Side Flow	0.29
[2] Q_w - Frontal Flow (cfs)	$Q_w = Q[1-(1-(W/T))^{2.67}]$	2.57
[1] Q_s - Side Flow (cfs)	Q_s = Q-Qw	6.4
T - Side Flow Spread (ft)	$(D-D_g)/S_x$	12.67
[1] R_s - Side Flow Factor	$1/(1+(0.15*V^{1.8})/(S_x*L_{ge}^{2.3}))$	0.51
[1] Q_{gi} - Intercepted Flow (cfs)	$(R_f*E+R_s*(1-E))*Q$	5.9
Output (Curb):	**Equation:**	**Output (Curb):**
[1] S_e - Equivalent Cross Slope (ft/ft)	S_x+S_g*E	0.052
Q_{sx} - Remaining Flow After Grate Interception (cfs)	$Q-Q_{gi}$	3.149
S_g - Gutter Cross Slope (ft/ft)	D_g/W	0.111
[1] L_t - Effective Interception Length (ft)	$0.60*Q_{sx}^{0.42}*S_o^{0.30}*(1/n*S_e)^{0.6}$	21.23
[1] Q_{ci} - Intercepted Flow (cfs)	$(1-(1-L_{ce}/L_t)^{1.8})*Q_{sx}$	1.9
	or Q_{sx} if L_t is less than L_{ce}	
Output (Combination):	**Equation:**	**Output (Combination):**
Total Intercepted Flow (cfs)	Intercepted (Grate) + Intercepted (Curb)	**7.8**
Bypass Flow (cfs)	Street Flow - Total Intercepted Flow	**1.2**

[1] Formula referenced from the CCRFCD Manual

[2] Formula referenced from FHWA Urban Drainage Design Manual (HEC-22)

Grate Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number: Skye Canyon Infrastructure Phase 3B, 3C
Date: 2/7/2018 10:22
By: ETM

Notes:

Facility ID:	P17
Drainage Condition:	Interim Condition
Source of Flow:	Q100= WIRN1 + WIRN2 (Referenced from the Master Study)
Inlet Type:	Beehive
Inlet Size:	2-ft Diameter

Known Information:

Q =	Flow (cfs)	8.0
W =	Width of Grate (ft)	
L =	Length of Grate (ft)	
D =	Diameter of Circle (in)	24.00
Cf =	Clogging Factor (%)	50

Weir Conditions:

$$HW = (Q/(Cw*Pc))^{2/3}$$

Cw =	Weir Coefficient	3.30
P =	Perimeter of grate (ft)	6.3
Pc =	Perimeter (w/clogging) (ft)	3.1
HW =	Headwater depth (ft)	0.84

Orifice Conditions:

$$HW = (Q/(Co*Ac))^2/2*g$$

Co =	Orifice Coefficient	0.67
Ag =	Grate Area (ft^2)	3.14
Gf =	Grate Opening Factor	0.67
Ac =	Grate Open Area (w/ clogging) (ft^2)	1.05
g =	Gravity (fps)	32.20
HW =	Headwater depth (ft)	2.00

Output:

Worst Case Scenario Occurs Under Orifice Conditions

Headwater Depth = 2.00 ft with Circ Grate

Curb Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number:	SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
Date:	2/6/2018
By:	ETM

	Notes:		
	Facility ID:	P20	
	Drainage Condition:	Interim	
	Source of Flow:	Q100 = P17 Bypass + Basin 1/2(STR1)	
	Inlet Type:	Type CM2 (Continuous Grade)	
	Inlet Length:	17.5-ft	
	Number of Grates	6	
	Input:	**Variable:**	**Input:**
	Street Flow (cfs)	Q	7.0
	Longitudinal Slope (ft/ft)	S_o	0.0400
	Manning's Coefficient	n	0.016
	Street Flow Velocity (fps)	V	5.40
	Street Flow Depth (ft)	D	0.36
	Street Cross Slope (ft/ft)	S_x	0.02
	Grate Width (ft)	W	1.5
	Grate Depression (in)	D_g	2.0
	Length of Grate (ft)	L_g	15.0
	Length of Curb Opening (ft)	L_c	17.50
	Clogging Factor - Grate (%)	CF_g	50%
	Clogging Factor - Curb (%)	CF_c	50%
	Effective Grate Length (ft)	L_{ge}	7.5
	Effective Curb Opening Length (ft)	L_{ce}	8.75
	Output (Grate):	**Equation:**	**Output (Grate):**
[1]	R_f - Frontal Flow Factor	1-0.09*(V-V_x) if V>V_x; else Frontal Flow Factor=1	1.00
[2]	V_o - Splash Over Velocity (fps)	V_x=p+q*Lg-r*L_{ge}^2+sy*L_{ge}^3 ; where	26.27
		p=0.30,q=4.85,r=1.31,sy=0.15 (for Vane Grate)	
[1]	E - Grate Flow Ratio	Frontal Flow/Side Flow	0.36
[2]	Q_w - Frontal Flow (cfs)	$Q_w = Q[1-(1-(W/T))^{2.67}]$	2.54
[1]	Q_s - Side Flow (cfs)	Q_s = Q-Qw	4.5
	T - Side Flow Spread (ft)	$(D-D_g)/S_x$	9.67
[1]	R_s - Side Flow Factor	$1/(1+(0.15*V^{1.8})/(S_x*L_{ge}^{2.3}))$	0.40
[1]	Q_{gi} - Intercepted Flow (cfs)	$(R_f*E+R_s*(1-E))*Q$	4.3
	Output (Curb):	**Equation:**	**Output (Curb):**
[1]	S_e - Equivalent Cross Slope (ft/ft)	S_x+S_g*E	0.060
	Q_{sx} - Remaining Flow After Grate Interception (cfs)	$Q-Q_{gi}$	2.689
	S_g - Gutter Cross Slope (ft/ft)	D_g/W	0.111
[1]	L_t - Effective Interception Length (ft)	$0.60*Q_{sx}^{0.42}*S_o^{0.30}*(1/n*S_e)^{0.6}$	22.32
[1]	Q_{ci} - Intercepted Flow (cfs)	$(1-(1-L_{ce}/L_t)^{1.8})*Q_{sx}$	1.6
		or Q_{sx} if L_t is less than L_{ce}	
	Output (Combination):	**Equation:**	**Output (Combination):**
	Total Intercepted Flow (cfs)	Intercepted (Grate) + Intercepted (Curb)	**5.9**
	Bypass Flow (cfs)	Street Flow - Total Intercepted Flow	**1.1**

[1] Formula referenced from the CCRFCD Manual

[2] Formula referenced from FHWA Urban Drainage Design Manual (HEC-22)

Curb Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number:	SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
Date:	2/6/2018
By:	ETM

Notes:		
Facility ID:		P23
Drainage Condition:		Interim
Source of Flow:		Q100 = P20 Bypass + Basin 1/2(STR1) + Basin 2.32T
Inlet Type:		Type CM2 (Continuous Grade)
Inlet Length:		20.-ft
Number of Grates		7
Input:	**Variable:**	**Input:**
Street Flow (cfs)	Q	8.0
Longitudinal Slope (ft/ft)	S_o	0.0150
Manning's Coefficient	n	0.016
Street Flow Velocity (fps)	V	3.64
Street Flow Depth (ft)	D	0.43
Street Cross Slope (ft/ft)	S_x	0.02
Grate Width (ft)	W	1.5
Grate Depression (in)	D_g	2.0
Length of Grate (ft)	L_g	17.5
Length of Curb Opening (ft)	L_c	20.00
Clogging Factor - Grate (%)	CF_g	50%
Clogging Factor - Curb (%)	CF_c	50%
Effective Grate Length (ft)	L_{ge}	8.8
Effective Curb Opening Length (ft)	L_{ce}	10.00
Output (Grate):	**Equation:**	**Output (Grate):**
[1] R_f - Frontal Flow Factor	1-0.09*(V-V_x) if V>V_x; else Frontal Flow Factor=1	1.00
[2] V_o - Splash Over Velocity (fps)	V_x=p+q*Lg-r*L_{ge}^2+sy*L_{ge}^3 ; where	42.93
	p=0.30,q=4.85,r=1.31,sy=0.15 (for Vane Grate)	
[1] E - Grate Flow Ratio	Frontal Flow/Side Flow	0.28
[2] Q_w - Frontal Flow (cfs)	$Q_w = Q[1-(1-(W/T))^{2.67}]$	2.21
[1] Q_s - Side Flow (cfs)	Q_s = Q-Qw	5.8
T - Side Flow Spread (ft)	$(D-D_g)/S_x$	13.17
[1] R_s - Side Flow Factor	$1/(1+(0.15*V^{1.8})/(S_x*L_{ge}^{2.3}))$	0.66
[1] Q_{gi} - Intercepted Flow (cfs)	$(R_f*E+R_s*(1-E))*Q$	6.0
Output (Curb):	**Equation:**	**Output (Curb):**
[1] S_e - Equivalent Cross Slope (ft/ft)	S_x+S_g*E	0.051
Q_{sx} - Remaining Flow After Grate Interception (cfs)	$Q-Q_{gi}$	1.989
S_g - Gutter Cross Slope (ft/ft)	D_g/W	0.111
[1] L_t - Effective Interception Length (ft)	$0.60*Q_{sx}^{0.42}*S_o^{0.30}*(1/n*S_e)^{0.6}$	16.26
[1] Q_{ci} - Intercepted Flow (cfs)	$(1-(1-L_{ce}/L_t)^{1.8})*Q_{sx}$	1.6
	or Q_{sx} if L_t is less than L_{ce}	
Output (Combination):	**Equation:**	**Output (Combination):**
Total Intercepted Flow (cfs)	Intercepted (Grate) + Intercepted (Curb)	**8**
Bypass Flow (cfs)	Street Flow - Total Intercepted Flow	**0.36**

[1] Formula referenced from the CCRFCD Manual

[2] Formula referenced from FHWA Urban Drainage Design Manual (HEC-22)

Curb Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number:	SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
Date:	2/6/2018
By:	ETM

Notes:		
Facility ID:		P27
Drainage Condition:		Interim
Source of Flow:		Q100 = Basin STR5
Inlet Type:		Type CM2 (Continuous Grade)
Inlet Length:		10.-ft
Number of Grates		3
Input:	**Variable:**	**Input:**
Street Flow (cfs)	Q	5.0
Longitudinal Slope (ft/ft)	S_o	0.0200
Manning's Coefficient	n	0.016
Street Flow Velocity (fps)	V	3.83
Street Flow Depth (ft)	D	0.36
Street Cross Slope (ft/ft)	S_x	0.02
Grate Width (ft)	W	1.5
Grate Depression (in)	D_g	2.0
Length of Grate (ft)	L_g	7.5
Length of Curb Opening (ft)	L_c	10.00
Clogging Factor - Grate (%)	CF_g	50%
Clogging Factor - Curb (%)	CF_c	50%
Effective Grate Length (ft)	L_{ge}	3.8
Effective Curb Opening Length (ft)	L_{ce}	5.00
Output (Grate):	**Equation:**	**Output (Grate):**
[1] R_f - Frontal Flow Factor	1-0.09*(V-V_x) if V>V_x; else Frontal Flow Factor=1	1.00
[2] V_o - Splash Over Velocity (fps)	V_x=p+q*Lg-r*L_{ge}^2+sy*L_{ge}^3 ; where	7.98
	p=0.30,q=4.85,r=1.31,sy=0.15 (for Vane Grate)	
[1] E - Grate Flow Ratio	Frontal Flow/Side Flow	0.36
[2] Q_w - Frontal Flow (cfs)	$Q_w = Q[1-(1-(W/T))^{2.67}]$	1.81
[1] Q_s - Side Flow (cfs)	Q_s = Q-Qw	3.2
T - Side Flow Spread (ft)	$(D-D_g)/S_x$	9.67
[1] R_s - Side Flow Factor	$1/(1+(0.15*V^{1.8})/(S_x*L_{ge}^{2.3}))$	0.20
[1] Q_{gi} - Intercepted Flow (cfs)	$(R_f*E+R_s*(1-E))*Q$	2.4
Output (Curb):	**Equation:**	**Output (Curb):**
[1] S_e - Equivalent Cross Slope (ft/ft)	S_x+S_g*E	0.060
Q_{sx} - Remaining Flow After Grate Interception (cfs)	$Q-Q_{gi}$	2.553
S_g - Gutter Cross Slope (ft/ft)	D_g/W	0.111
[1] L_t - Effective Interception Length (ft)	$0.60*Q_{sx}^{0.42}*S_o^{0.30}*(1/n*S_e)^{0.6}$	17.74
[1] Q_{ci} - Intercepted Flow (cfs)	$(1-(1-L_{ce}/L_t)^{1.8})*Q_{sx}$	1.1
	or Q_{sx} if L_t is less than L_{ce}	
Output (Combination):	**Equation:**	**Output (Combination):**
Total Intercepted Flow (cfs)	Intercepted (Grate) + Intercepted (Curb)	**3.6**
Bypass Flow (cfs)	Street Flow - Total Intercepted Flow	**1.4**

[1] Formula referenced from the CCRFCD Manual

[2] Formula referenced from FHWA Urban Drainage Design Manual (HEC-22)

Curb Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number:	SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
Date:	2/6/2018
By:	ETM

Notes:		
Facility ID:	P30	
Drainage Condition:	Interim	
Source of Flow:	Q100 = P27 Bypass + 1/2Basin STR6	
Inlet Type:	Type CM2 (Continuous Grade)	
Inlet Length:	10.-ft	
Number of Grates	3	
Input:	**Variable:**	**Input:**
Street Flow (cfs)	Q	6.50
Longitudinal Slope (ft/ft)	S_o	0.0475
Manning's Coefficient	n	0.016
Street Flow Velocity (fps)	V	5.35
Street Flow Depth (ft)	D	0.35
Street Cross Slope (ft/ft)	S_x	0.02
Grate Width (ft)	W	1.5
Grate Depression (in)	D_g	2.0
Length of Grate (ft)	L_g	7.5
Length of Curb Opening (ft)	L_c	10.00
Clogging Factor - Grate (%)	CF_g	50%
Clogging Factor - Curb (%)	CF_c	50%
Effective Grate Length (ft)	L_{ge}	3.8
Effective Curb Opening Length (ft)	L_{ce}	5.00
Output (Grate):	**Equation:**	**Output (Grate):**
[1] R_f - Frontal Flow Factor	1-0.09*(V-V_x) if V>V_x; else Frontal Flow Factor=1	1.00
[2] V_o - Splash Over Velocity (fps)	V_x=p+q*Lg-r*L_{ge}^2+sy*L_{ge}^3 ; where	7.98
	p=0.30,q=4.85,r=1.31,sy=0.15 (for Vane Grate)	
[1] E - Grate Flow Ratio	Frontal Flow/Side Flow	0.38
[2] Q_w - Frontal Flow (cfs)	$Q_w = Q[1-(1-(W/T))^{2.67}]$	2.47
[1] Q_s - Side Flow (cfs)	Q_s = Q-Qw	4.0
T - Side Flow Spread (ft)	$(D-D_g)/S_x$	9.17
[1] R_s - Side Flow Factor	$1/(1+(0.15*V^{1.8})/(S_x*L_{ge}^{2.3}))$	0.12
[1] Q_{gi} - Intercepted Flow (cfs)	$(R_f*E+R_s*(1-E))*Q$	2.9
Output (Curb):	**Equation:**	**Output (Curb):**
[1] S_e - Equivalent Cross Slope (ft/ft)	S_x+S_g*E	0.062
Q_{sx} - Remaining Flow After Grate Interception (cfs)	$Q-Q_{gi}$	3.550
S_g - Gutter Cross Slope (ft/ft)	D_g/W	0.111
[1] L_t - Effective Interception Length (ft)	$0.60*Q_{sx}^{0.42}*S_o^{0.30}*(1/n*S_e)^{0.6}$	25.92
[1] Q_{ci} - Intercepted Flow (cfs)	$(1-(1-L_{ce}/L_t)^{1.5})*Q_{sx}$	1.1
	or Q_{sx} if L_t is less than L_{ce}	
Output (Combination):	**Equation:**	**Output (Combination):**
Total Intercepted Flow (cfs)	Intercepted (Grate) + Intercepted (Curb)	**4.1**
Bypass Flow (cfs)	Street Flow - Total Intercepted Flow	**2.4**

[1] Formula referenced from the CCRFCD Manual

[2] Formula referenced from FHWA Urban Drainage Design Manual (HEC-22)

Curb Inlet Sizing Computation

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Project Name & Number:	SKYE CANYON INFRASTRUCTURE PHASE 3B, 3C
Date:	2/6/2018
By:	ETM

Notes:		
Facility ID:	P32	
Drainage Condition:	Interim	
Source of Flow:	Q100 = P30 Bypass + 1/2Basin STR6	
Inlet Type:	Type CM2 (Continuous Grade)	
Inlet Length:	17.5-ft	
Number of Grates	6	
Input:	**Variable:**	**Input:**
Street Flow (cfs)	Q	7.0
Longitudinal Slope (ft/ft)	S_o	0.0150
Manning's Coefficient	n	0.016
Street Flow Velocity (fps)	V	3.57
Street Flow Depth (ft)	D	0.41
Street Cross Slope (ft/ft)	S_x	0.02
Grate Width (ft)	W	1.5
Grate Depression (in)	D_g	2.0
Length of Grate (ft)	L_g	15.0
Length of Curb Opening (ft)	L_c	17.50
Clogging Factor - Grate (%)	CF_g	50%
Clogging Factor - Curb (%)	CF_c	50%
Effective Grate Length (ft)	L_{ge}	7.5
Effective Curb Opening Length (ft)	L_{ce}	8.75
Output (Grate):	**Equation:**	**Output (Grate):**
[1] R_f - Frontal Flow Factor	1-0.09*(V-V_x) if V>V_x; else Frontal Flow Factor=1	1.00
[2] V_o - Splash Over Velocity (fps)	V_x=p+q*Lg-r*L_{ge}^2+sy*L_{ge}^3 ; where	26.27
	p=0.30,q=4.85,r=1.31,sy=0.15 (for Vane Grate)	
[1] E - Grate Flow Ratio	Frontal Flow/Side Flow	0.30
[2] Q_w - Frontal Flow (cfs)	$Q_w = Q[1-(1-(W/T))^{2.67}]$	2.07
[1] Q_s - Side Flow (cfs)	Q_s = Q-Qw	4.9
T - Side Flow Spread (ft)	$(D-D_g)/S_x$	12.17
[1] R_s - Side Flow Factor	$1/(1+(0.15*V^{1.8})/(S_x*L_{ge}^{2.3}))$	0.58
[1] Q_{gi} - Intercepted Flow (cfs)	$(R_f*E+R_s*(1-E))*Q$	4.9
Output (Curb):	**Equation:**	**Output (Curb):**
[1] S_e - Equivalent Cross Slope (ft/ft)	S_x+S_g*E	0.053
Q_{sx} - Remaining Flow After Grate Interception (cfs)	$Q-Q_{gi}$	2.062
S_g - Gutter Cross Slope (ft/ft)	D_g/W	0.111
[1] L_t - Effective Interception Length (ft)	$0.60*Q_{sx}^{0.42}*S_o^{0.30}*(1/n*S_e)^{0.6}$	16.08
[1] Q_{ci} - Intercepted Flow (cfs)	$(1-(1-L_{ce}/L_t)^{1.8})*Q_{sx}$	1.6
	or Q_{sx} if L_t is less than L_{ce}	
Output (Combination):	**Equation:**	**Output (Combination):**
Total Intercepted Flow (cfs)	Intercepted (Grate) + Intercepted (Curb)	**6.5**
Bypass Flow (cfs)	Street Flow - Total Intercepted Flow	**0.5**

[1] Formula referenced from the CCRFCD Manual

[2] Formula referenced from FHWA Urban Drainage Design Manual (HEC-22)

Ditches

Section - D1a

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	2.500	%
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Discharge	9.00	ft³/s

Results

Normal Depth	0.79	ft
Flow Area	1.85	ft²
Wetted Perimeter	4.97	ft
Hydraulic Radius	0.37	ft
Top Width	4.71	ft
Critical Depth	0.89	ft
Critical Slope	0.01280	ft/ft
Velocity	4.87	ft/s
Velocity Head	0.37	ft
Specific Energy	1.15	ft
Froude Number	1.37	
Flow Type	Supercritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.79	ft
Critical Depth	0.89	ft
Channel Slope	2.500	%
Critical Slope	0.01280	ft/ft

Section - D1a

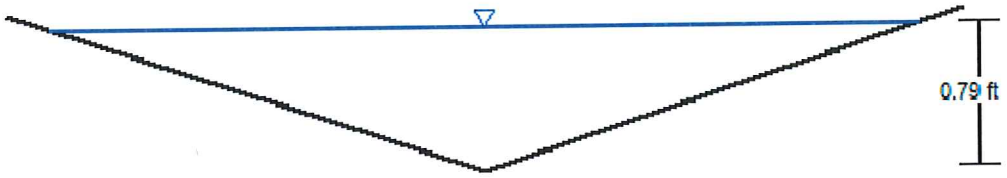
Project Description

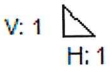
Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	2.500	%
Normal Depth	0.79	ft
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Discharge	9.00	ft^3/s

Cross Section Image





Section - D1b

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	3.000	%
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Bottom Width	3.00	ft
Discharge	10.00	ft^3/s

Results

Normal Depth	0.46	ft
Flow Area	2.00	ft^2
Wetted Perimeter	5.89	ft
Hydraulic Radius	0.34	ft
Top Width	5.74	ft
Critical Depth	0.58	ft
Critical Slope	0.01262	ft/ft
Velocity	5.00	ft/s
Velocity Head	0.39	ft
Specific Energy	0.85	ft
Froude Number	1.50	
Flow Type	Supercritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.46	ft
Critical Depth	0.58	ft
Channel Slope	3.000	%

Section - D1b

GVF Output Data

Critical Slope	0.01262	ft/ft

Section - D1b

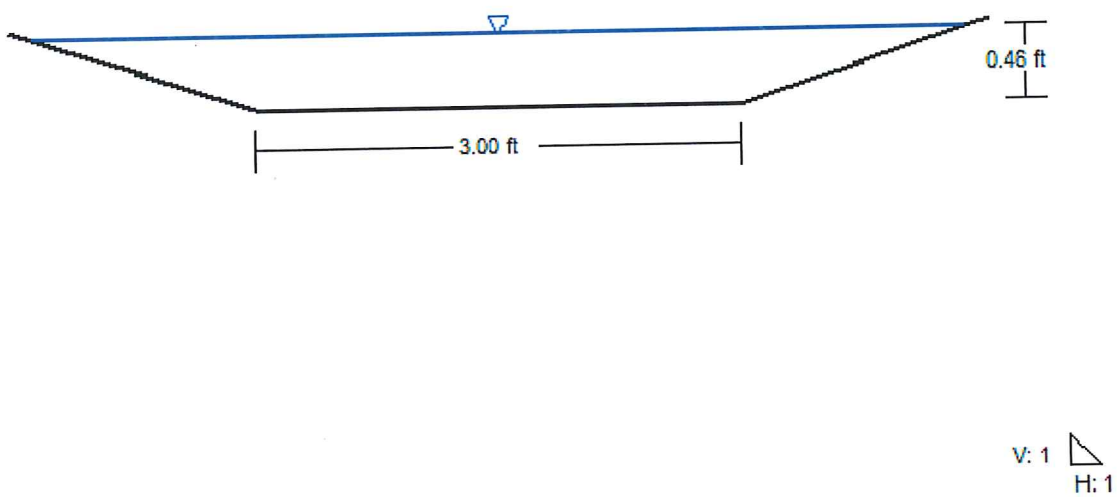
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	3.000	%
Normal Depth	0.46	ft
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Bottom Width	3.00	ft
Discharge	10.00	ft³/s

Cross Section Image



Section - D1c

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	1.460	%
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Bottom Width	3.00	ft
Discharge	11.00	ft^3/s

Results

Normal Depth	0.58	ft
Flow Area	2.76	ft^2
Wetted Perimeter	6.68	ft
Hydraulic Radius	0.41	ft
Top Width	6.49	ft
Critical Depth	0.61	ft
Critical Slope	0.01245	ft/ft
Velocity	3.98	ft/s
Velocity Head	0.25	ft
Specific Energy	0.83	ft
Froude Number	1.08	
Flow Type	Supercritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.58	ft
Critical Depth	0.61	ft
Channel Slope	1.460	%

Section - D1c

GVF Output Data

Critical Slope	0.01245	ft/ft

Section - D1c

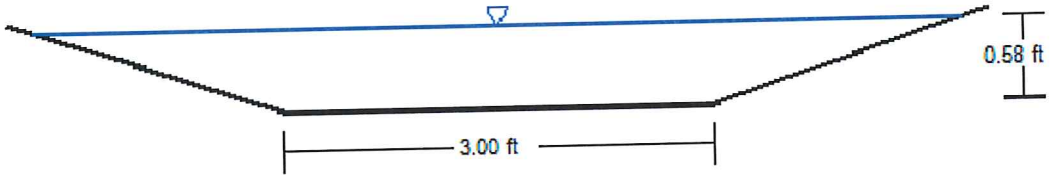
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	1.460	%
Normal Depth	0.58	ft
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Bottom Width	3.00	ft
Discharge	11.00	ft³/s

Cross Section Image



V: 1
H: 1

Section - D2

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	1.010	%
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Discharge	38.00	ft^3/s

Results

Normal Depth	1.60	ft
Flow Area	7.65	ft^2
Wetted Perimeter	10.10	ft
Hydraulic Radius	0.76	ft
Top Width	9.58	ft
Critical Depth	1.58	ft
Critical Slope	0.01056	ft/ft
Velocity	4.96	ft/s
Velocity Head	0.38	ft
Specific Energy	1.98	ft
Froude Number	0.98	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	1.60	ft
Critical Depth	1.58	ft
Channel Slope	1.010	%
Critical Slope	0.01056	ft/ft

Section - D2

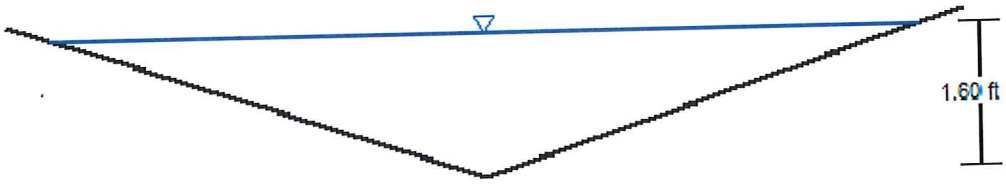
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	1.010	%
Normal Depth	1.60	ft
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Discharge	38.00	ft³/s

Cross Section Image



V: 1
H: 1

Section - D3

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	1.000	%
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Bottom Width	12.00	ft
Discharge	61.00	ft^3/s

Results

Normal Depth	0.87	ft
Flow Area	12.71	ft^2
Wetted Perimeter	17.50	ft
Hydraulic Radius	0.73	ft
Top Width	17.22	ft
Critical Depth	0.86	ft
Critical Slope	0.01033	ft/ft
Velocity	4.80	ft/s
Velocity Head	0.36	ft
Specific Energy	1.23	ft
Froude Number	0.98	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.87	ft
Critical Depth	0.86	ft
Channel Slope	1.000	%

Section - D3

GVF Output Data

Critical Slope	0.01033	ft/ft

Section - D3

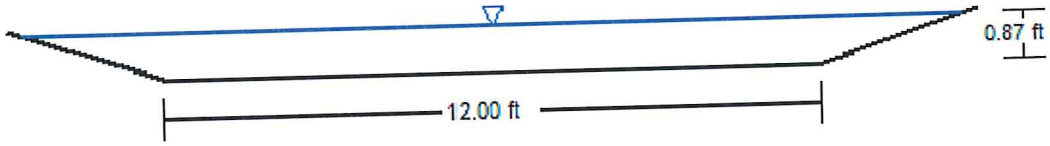
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	1.000	%
Normal Depth	0.87	ft
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Bottom Width	12.00	ft
Discharge	61.00	ft³/s

Cross Section Image



V: 1
H: 1

Section - D4a

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	1.600	%
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Bottom Width	5.00	ft
Discharge	26.00	ft³/s

Results

Normal Depth	0.72	ft
Flow Area	5.20	ft²
Wetted Perimeter	9.58	ft
Hydraulic Radius	0.54	ft
Top Width	9.35	ft
Critical Depth	0.80	ft
Critical Slope	0.01116	ft/ft
Velocity	5.00	ft/s
Velocity Head	0.39	ft
Specific Energy	1.11	ft
Froude Number	1.18	
Flow Type	Supercritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	0.72	ft
Critical Depth	0.80	ft
Channel Slope	1.600	%

Section - D4a

GVF Output Data

Critical Slope	0.01116	ft/ft

Section - D4a

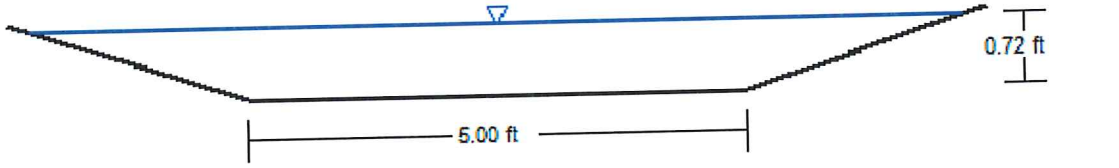
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	1.600	%
Normal Depth	0.72	ft
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Bottom Width	5.00	ft
Discharge	26.00	ft³/s

Cross Section Image



V: 1
H: 1

Section - D4b

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	0.650	%
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Bottom Width	5.00	ft
Discharge	70.00	ft^3/s

Results

Normal Depth	1.53	ft
Flow Area	14.63	ft^2
Wetted Perimeter	14.66	ft
Hydraulic Radius	1.00	ft
Top Width	14.16	ft
Critical Depth	1.38	ft
Critical Slope	0.00968	ft/ft
Velocity	4.79	ft/s
Velocity Head	0.36	ft
Specific Energy	1.88	ft
Froude Number	0.83	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	1.53	ft
Critical Depth	1.38	ft
Channel Slope	0.650	%

Section - D4b

GVF Output Data

Critical Slope	0.00968	ft/ft

Section - D4b

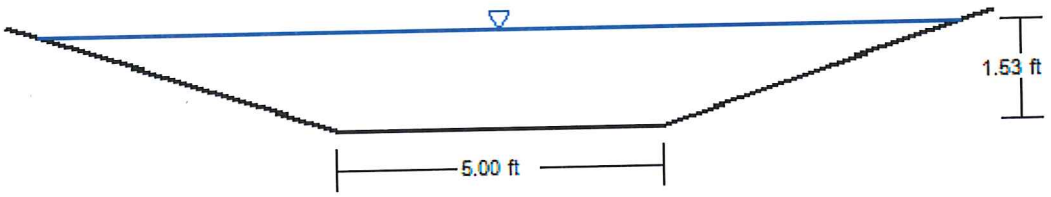
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	0.650	%
Normal Depth	1.53	ft
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Bottom Width	5.00	ft
Discharge	70.00	ft^3/s

Cross Section Image



V: 1
H: 1

Section - D5

Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	0.550	%
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Discharge	71.00	ft^3/s

Results

Normal Depth	2.26	ft
Flow Area	15.37	ft^2
Wetted Perimeter	14.31	ft
Hydraulic Radius	1.07	ft
Top Width	13.58	ft
Critical Depth	2.03	ft
Critical Slope	0.00972	ft/ft
Velocity	4.62	ft/s
Velocity Head	0.33	ft
Specific Energy	2.59	ft
Froude Number	0.77	
Flow Type	Subcritical	

GVF Input Data

Downstream Depth	0.00	ft
Length	0.00	ft
Number Of Steps	0	

GVF Output Data

Upstream Depth	0.00	ft
Profile Description		
Profile Headloss	0.00	ft
Downstream Velocity	Infinity	ft/s
Upstream Velocity	Infinity	ft/s
Normal Depth	2.26	ft
Critical Depth	2.03	ft
Channel Slope	0.550	%
Critical Slope	0.00972	ft/ft

Section - D5

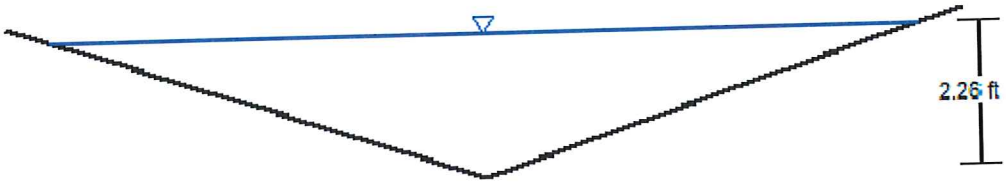
Project Description

Friction Method	Manning Formula
Solve For	Normal Depth

Input Data

Roughness Coefficient	0.025	
Channel Slope	0.550	%
Normal Depth	2.26	ft
Left Side Slope	3.00	ft/ft (H:V)
Right Side Slope	3.00	ft/ft (H:V)
Discharge	71.00	ft^3/s

Cross Section Image

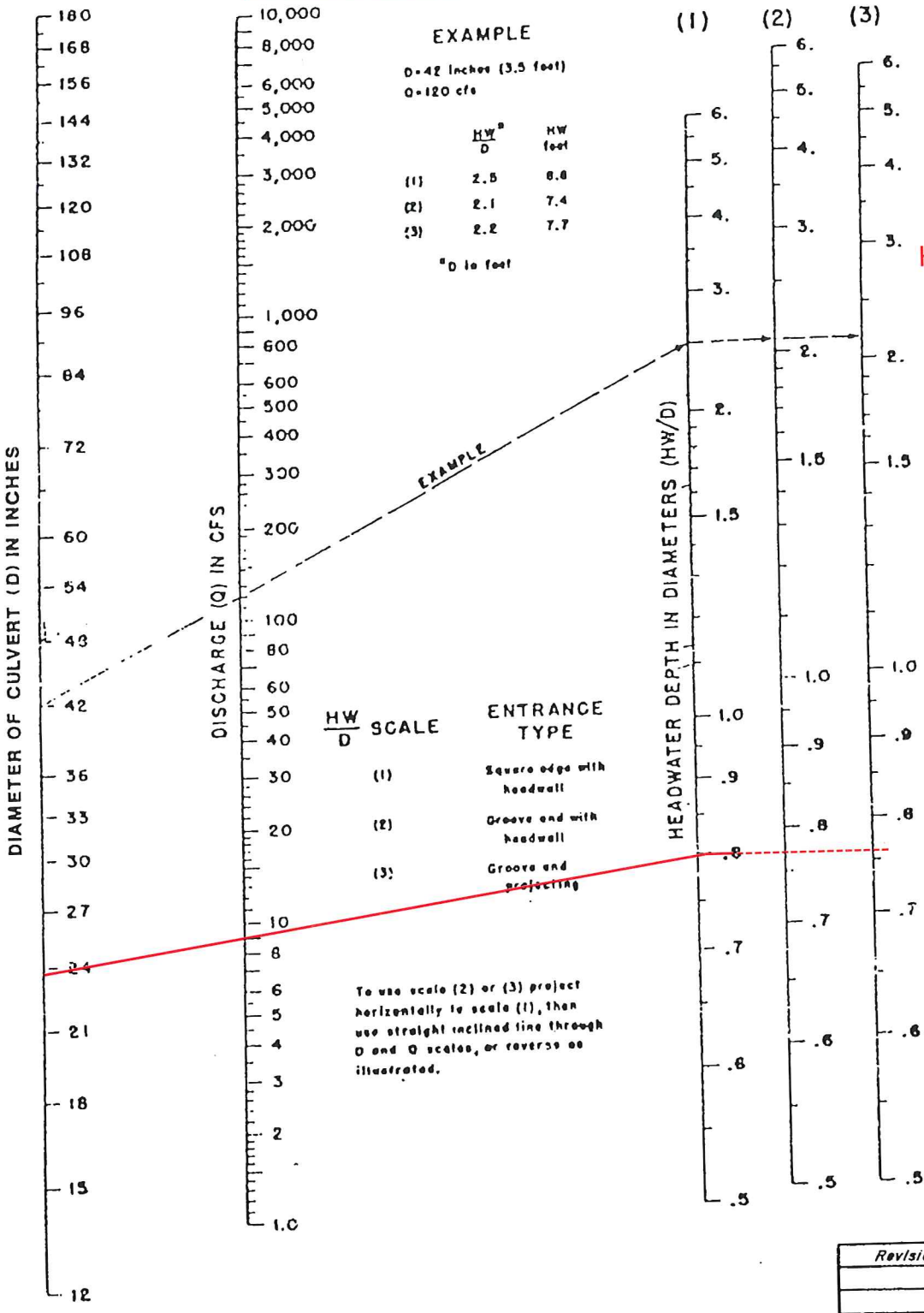


V: 1
H: 1

Inlet Control Nomographs

NOMOGRAPH – INLET CONTROL RCP

SUMP 0: Q= 9 CFS



HW/D 0.8

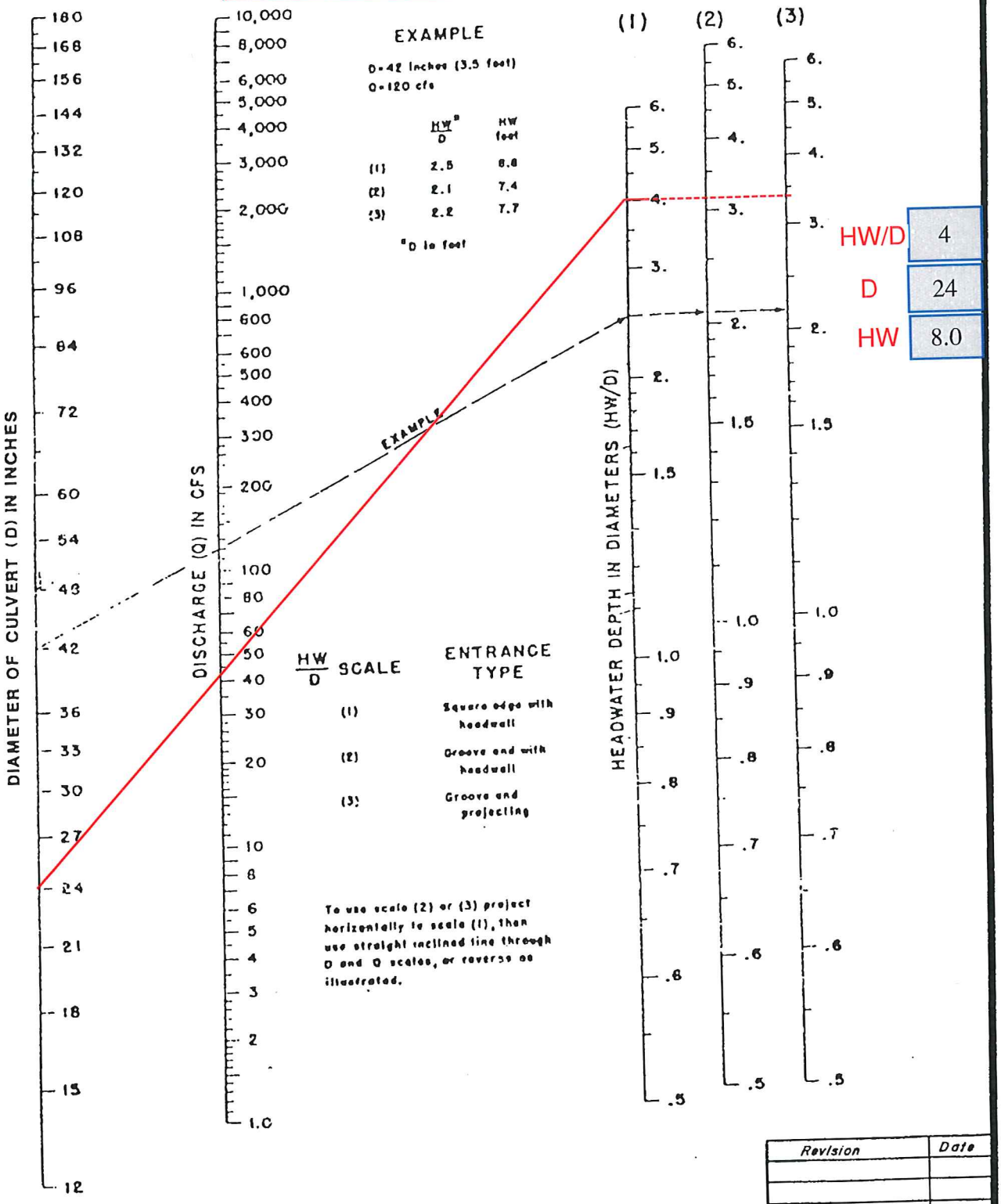
D 24

HW 1.6

Revision	Date

NOMOGRAPH – INLET CONTROL RCP

SUMP 1: Q= 44 CFS



Revision	Date

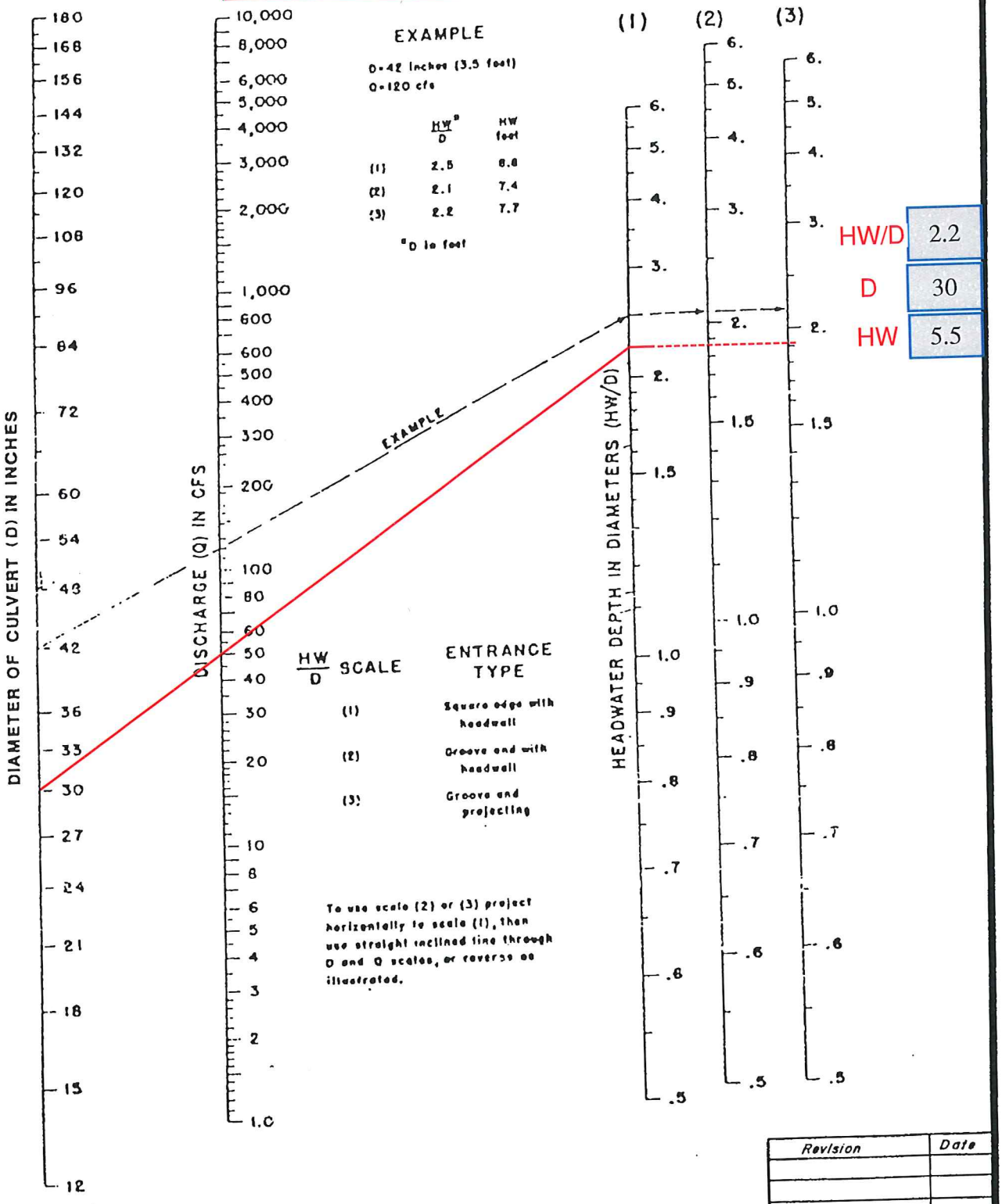
WRC ENGINEERING

REFERENCE:
USDOT, FHWA, HDS, No. 5, 1985

FIGURE 1005

NOMOGRAPH – INLET CONTROL RCP

SUMP 2: Q= 51 CFS



HW/D 2.2

D 30

HW 5.5

Revision	Date

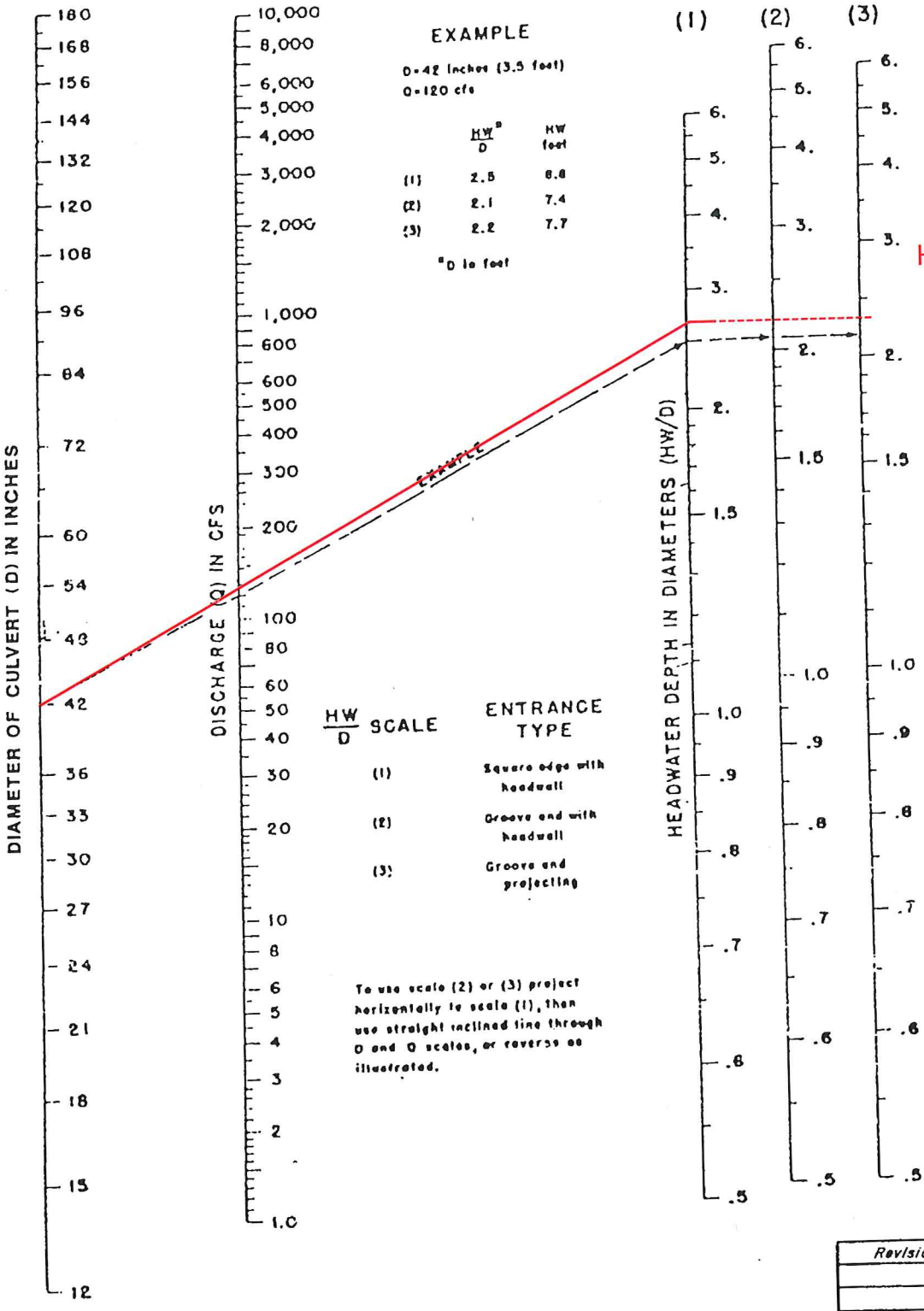
WRC ENGINEERING

REFERENCE:
USDOT, FHWA, HDS, No. 5, 1985

FIGURE 1005

NOMOGRAPH – INLET CONTROL RCP

SUMP 3: Q= 136 CFS



HW/D 2.7

D 42

HW 9.5

Revision	Date

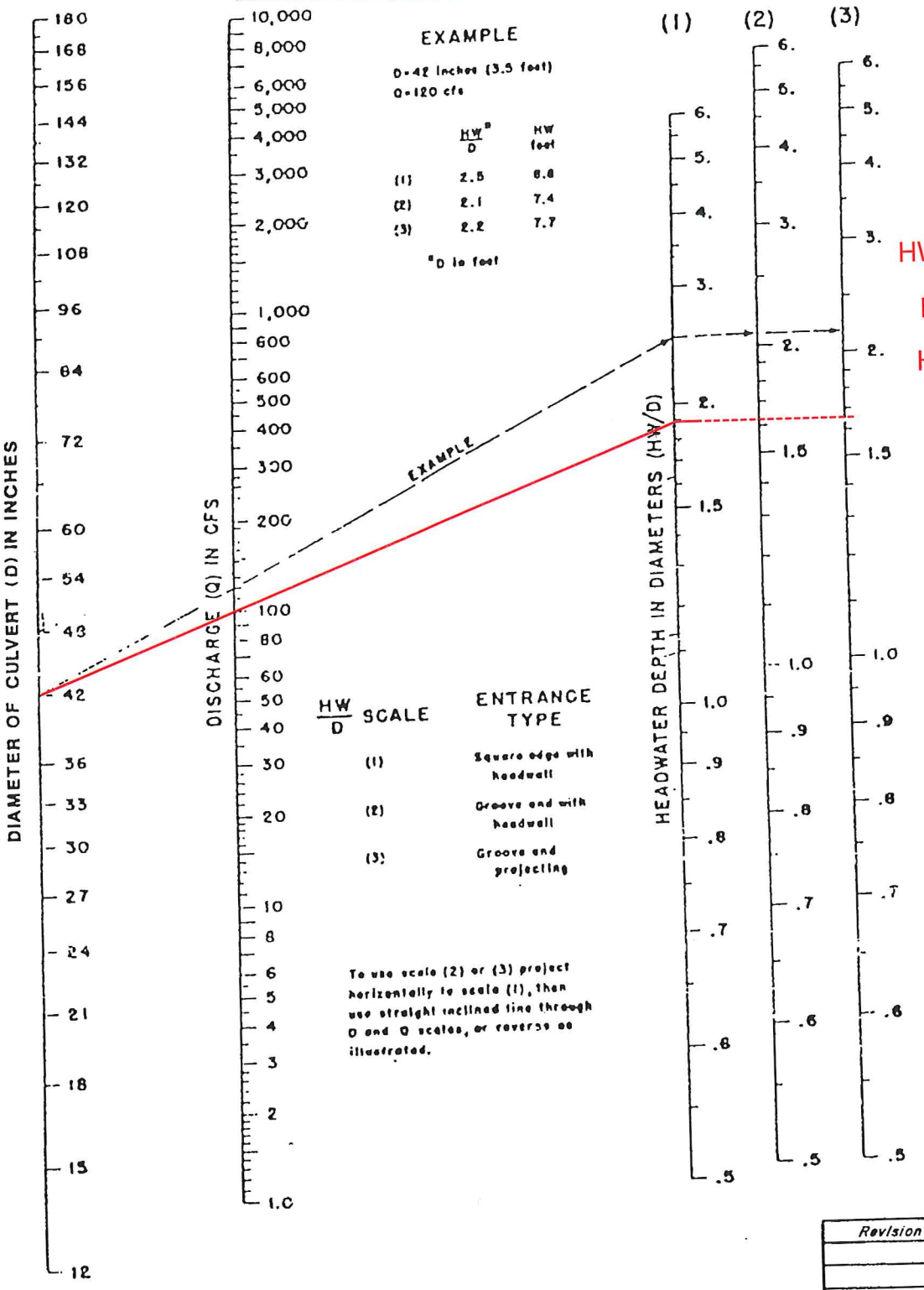
WRC ENGINEERING

REFERENCE:
USDOT, FHWA, HDS, No. 5, 1985

FIGURE 1005

NOMOGRAPH – INLET CONTROL RCP

SUMP 4: Q= 102 CFS



HW/D 1.9

D 42

HW 6.7

Revision	Date

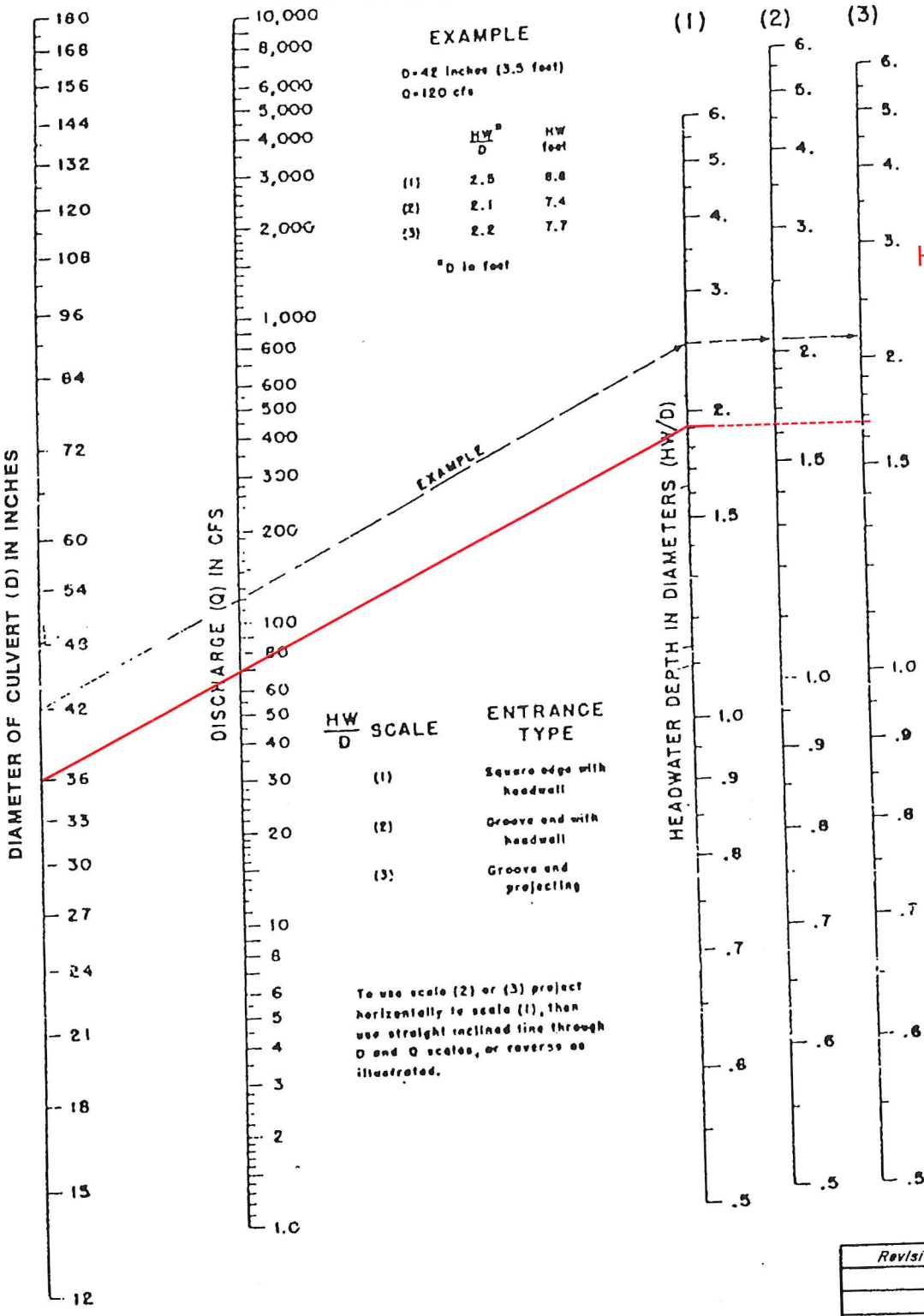
WRC ENGINEERING

REFERENCE:
USDOT, FHWA, HDS, No. 5, 1985

FIGURE 1005

NOMOGRAPH – INLET CONTROL RCP

SUMP 5: Q= 70 CFS



HW/D 1.9

D 36

HW 5.7

Revision	Date

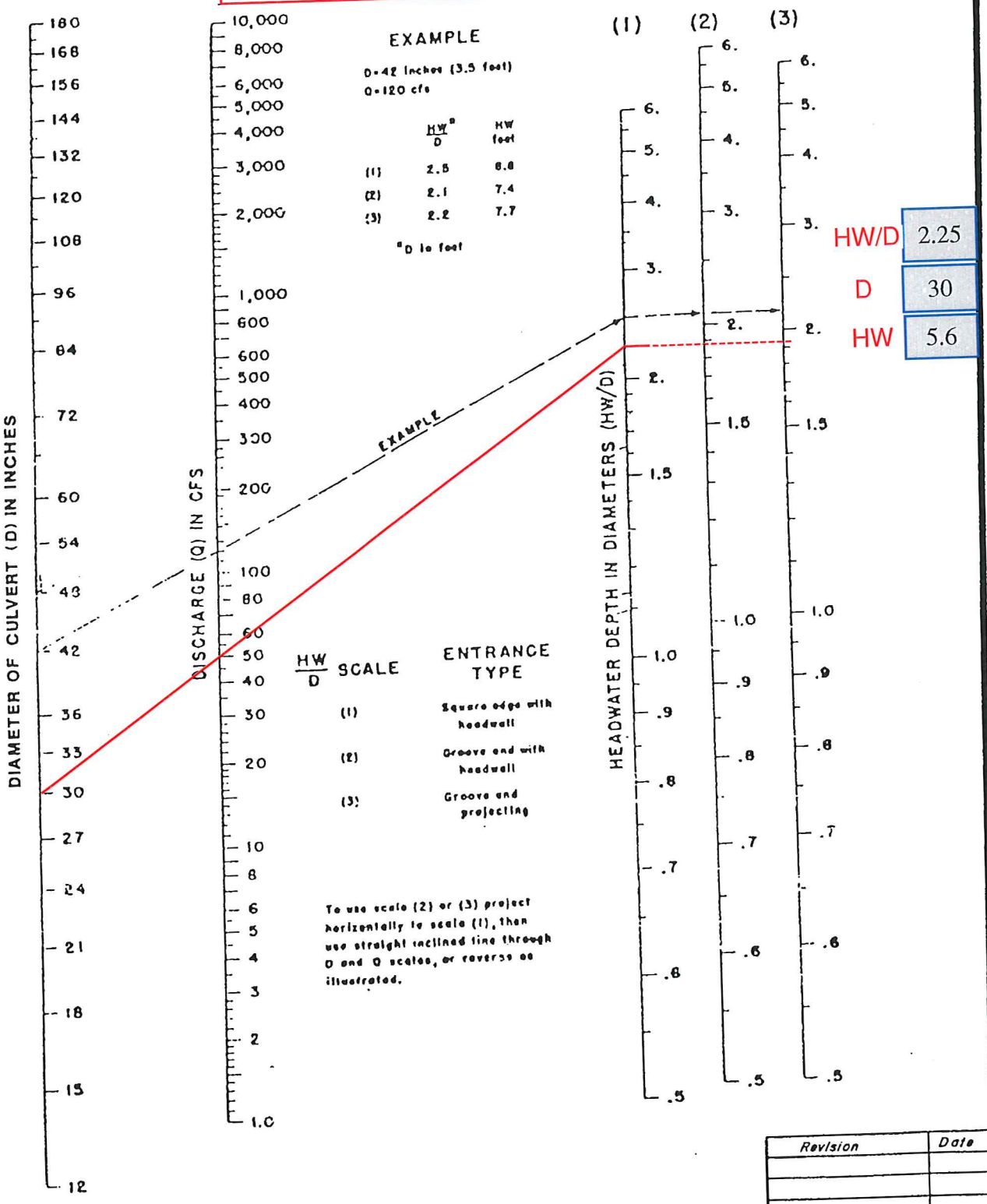
WRC ENGINEERING

REFERENCE: USDOT, FHWA, HDS, No. 5, 1985

FIGURE 1005

NOMOGRAPH – INLET CONTROL RCP

SUMP 6: Q= 51 CFS



HW/D 2.25

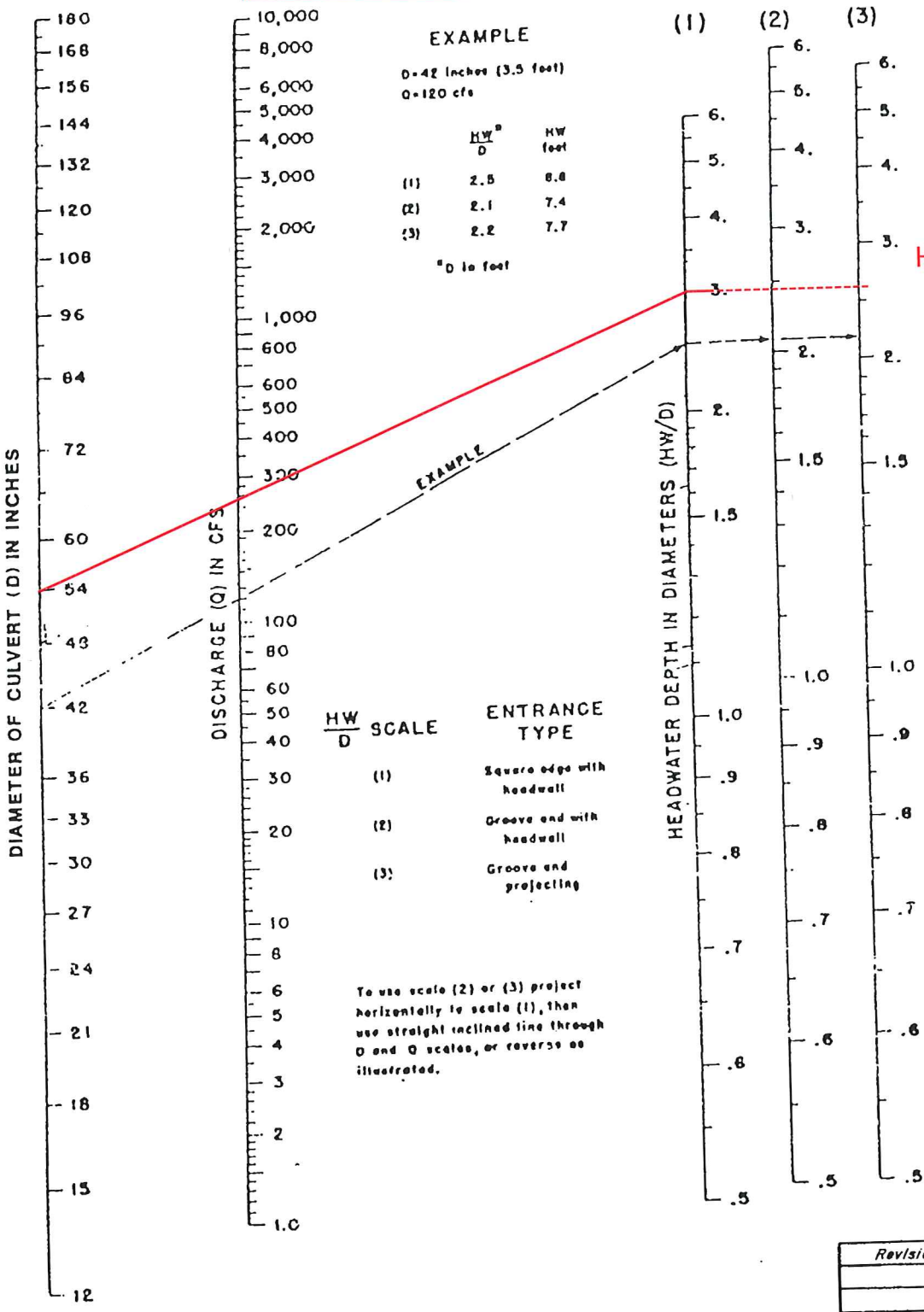
D 30

HW 5.6

Revision	Date

NOMOGRAPH – INLET CONTROL RCP

SUMP 7: Q= 275 CFS



HW/D 3

D 54

HW 13.5

Revision	Date

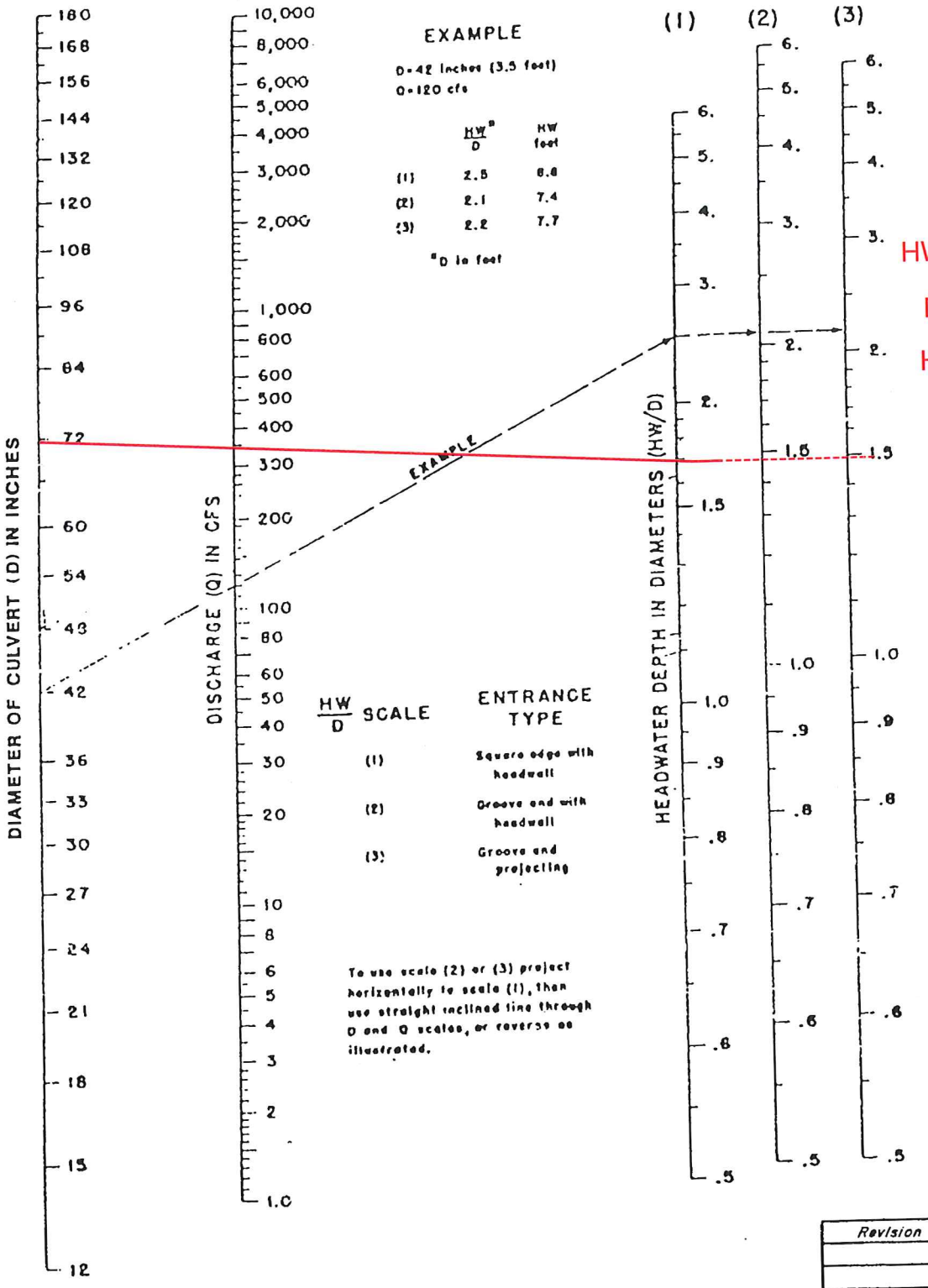
WRC ENGINEERING

REFERENCE:
USDOT, FHWA, HDS, No. 5, 1985

FIGURE 1005

NOMOGRAPH – INLET CONTROL RCP

SUMP 8: Q= 348 CFS



HW/D 1.7

D 72

HW 10.2

Revision	Date

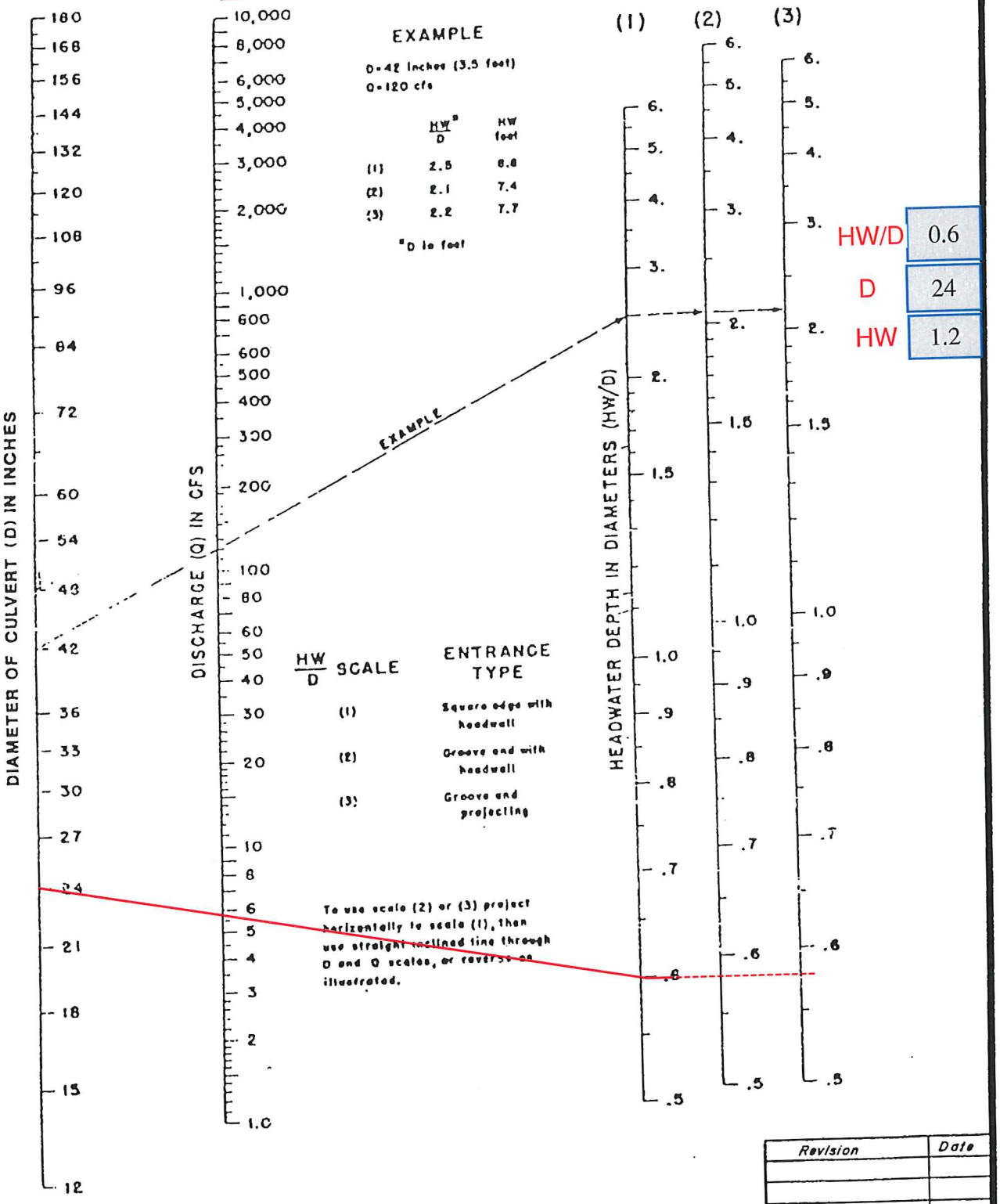
WRC ENGINEERING

REFERENCE:
USDOT, FHWA, HDS, No. 5, 1985

FIGURE 1005

NOMOGRAPH – INLET CONTROL RCP

SUMP 9: Q= 6 CFS



HW/D 0.6

D 24

HW 1.2

Revision	Date

WRC ENGINEERING

REFERENCE:
USDOT, FHWA, HDS, No. 5, 1985

FIGURE 1005

HY-8 Analysis Results

Crossing Summary Table

Culvert Crossing: Street E Proposed 3BC

Headwater Elevation (ft)	Total Discharge (cfs)	Culvert Discharg (cfs) 6x6 RCB	Culvert 2 Discha (cfs) 42" RCP	Roadway Discharge (cfs)	Iterations
2845.34	187.00	127.62	59.38	0.00	6
2845.53	198.90	136.44	62.43	0.00	4
2845.73	210.80	146.64	64.16	0.00	4
2845.89	222.70	154.53	68.17	0.00	3
2846.04	234.60	162.53	72.08	0.00	4
2846.22	246.50	171.58	74.93	0.00	3
2846.39	258.40	180.70	77.67	0.00	3
2846.47	264.00	185.09	78.94	0.00	2
2846.74	282.20	199.30	82.90	0.00	3
2846.92	294.10	208.72	85.38	0.00	3
2847.09	306.00	218.19	87.81	0.00	3
2850.00	482.86	362.58	120.29	0.00	Overtopping

HY-8 Analysis Results

Crossing Summary Table

Culvert Crossing: Street E Interim 3BC

Headwater Elevation (ft)	Total Discharge (cfs)	Culvert Discharg (cfs) 6x6 RCB	Culvert 2 Discha (cfs) 42" RCP	Roadway Discharge (cfs)	Iterations
2845.34	187.00	127.62	59.38	0.00	6
2845.53	198.90	136.44	62.43	0.00	4
2845.73	210.80	146.64	64.16	0.00	4
2845.89	222.70	154.53	68.17	0.00	3
2846.04	234.60	162.53	72.08	0.00	4
2846.22	246.50	171.58	74.93	0.00	3
2846.39	258.40	180.70	77.67	0.00	3
2846.57	270.30	189.97	80.33	0.00	3
2846.74	282.20	199.30	82.90	0.00	3
2846.81	287.00	203.10	83.90	0.00	3
2847.09	306.00	218.20	87.81	0.00	3
2850.00	482.86	362.58	120.29	0.00	Overtopping

Outlet Protection Computations

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Pipe Culvert Outlet Protection Computation

FACILITY P3b

Project Name: Skye Canyon Phase 3B 3C Infrastructure
Project Number: OLY1609.000
Date: 2/2/2018
By: ETM

Equations:

$(d_{50}/D)*(Y_t/D)^{1.2}/(Q/D^{2.5}) = 0.023$ — Equation 760*
$D_a = 1/2(D+Y_n)$ (used in place of D if Fr>1) — Equation 762*
$L = (1/(2 \tan q))(A_t/Y_t-W)$ — Equation 764*
$A_t = Q/V$ — Equation 765*

Known Information:

Q =	230	Flow (cfs)
D =	4.5	Diameter of Pipe (ft)
q =	20	Expansion angle of the culvert flow (typ=20°)
V =	5	Allowable downstream velocity (typ=5 ft/s)
Fr =	1.5	Froude Number (0 if full)
Y_n =	3.6	Normal Depth of flow in Pipe Culvert (ft)*
		* Not necessary if Fr<1 (Enter 0 if unknown)
Y_t =	1.8	Tailwater Depth (Enter 0.4D if unknown)

Riprap Erosion Protection Check (Figure 712):

Applicable only if $Q/D^{2.5} \leq 6$

$Q/D^{2.5}$ = *5.35* ← ***See Figure 712 for Recommended Riprap Type***
$Q/D^{1.5}$ = 24.09
Y_t/D 0.44

Solve For:

D_{50} = 1.93	**Average Size Riprap (ft)**
D_{50} = 23	**Average Size Riprap (in)**

A_t = 46.0	Req'd Area of flow at allowable velocity (ft2)
Y_t = 1.80	Tailwater Depth (ft)
D_a = 4.1	only used if Fr>=1
L = 28.9	**Length of Protection (ft)**
***L = 28.9**	***For: D<3.5-ft, L_{min}=3D. For: D>=3.5-ft, L_{min}>= 4D. $L_{max(required)}$=10D**

Notes:

Provide D_{50} = 24-inch riprap for a length of 30-ft

* Equations taken from the Clark County Regional Flood Control District - Hydrologic Criteria and Drainage Design Manual

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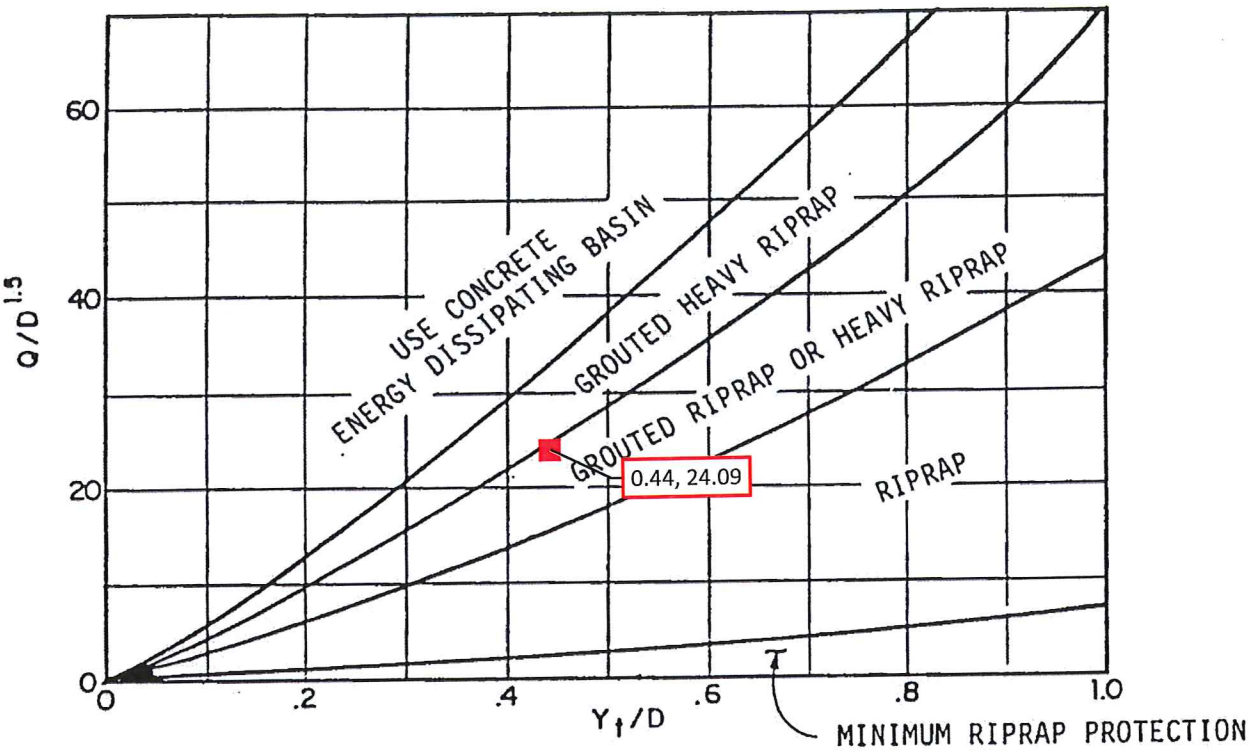
RIPRAP EROSION PROTECTION AT CIRCULAR CONDUIT OUTLET



Notes:

1. Use H_a instead of H whenever culvert has supercritical flow in the barrel.
2. Minimum Riprap Protection: Use Riprap for a distance of 3H downstream for 18" to 36" equivalent round pipe size and 4D downstream for 42" and larger equivalent round pipe size.

Revision	Date

WRC ENGINEERING	REFERENCE: USDCM, DRCOG, March 1969 (with modifications)	FIGURE 712

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Pipe Culvert Outlet Protection Computation

FACILITY P5

Project Name: Skye Canyon Phase 3B 3C Infrastructure
Project Number: OLY1609.000
Date: 2/2/2018
By: ETM

Equations:

$(d_{50}/D)*(Y_t/D)^{1.2}/(Q/D^{2.5}) = 0.023$ — Equation 760*
$D_a = 1/2(D+Y_n)$ (used in place of D if Fr>1) — Equation 762*
$L = (1/(2 \tan q))(A_t/Y_t-W)$ — Equation 764*
$A_t = Q/V$ — Equation 765*

Known Information:

Q =	44	Flow (cfs)
D =	2.0	Diameter of Pipe (ft)
q =	20	Expansion angle of the culvert flow (typ=20°)
V =	5	Allowable downstream velocity (typ=5 ft/s)
Fr =	2.6	Froude Number (0 if full)
Y_n =	1.5	Normal Depth of flow in Pipe Culvert (ft)*
		* Not necessary if Fr<1 (Enter 0 if unknown)
Y_t =	0.8	Tailwater Depth (Enter 0.4D if unknown)

Riprap Erosion Protection Check (Figure 712):

Applicable only if $Q/D^{2.5} \leq 6$

$Q/D^{2.5}$ = *7.78* ← ***Figure 712 Not Applicable***
$Q/D^{1.5}$ = 15.56
Y_t/D 0.46

Solve For:

D_{50} = 1.33	**Average Size Riprap (ft)**
D_{50} = 16	**Average Size Riprap (in)**

A_t = 8.8	Req'd Area of flow at allowable velocity (ft2)
Y_t = 0.80	Tailwater Depth (ft)
D_a = 1.7	only used if Fr>=1
L = 12.4	**Length of Protection (ft)**
***L = 12.4**	***For: D<3.5-ft, L_{min}=3D. For: D>=3.5-ft, L_{min}>= 4D. $L_{max(required)}$=10D**

Notes:

Provide D_{50} = 16-inch riprap for a length of 13-ft

* Equations taken from the Clark County Regional Flood Control District - Hydrologic Criteria and Drainage Design Manual

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SLATER HANIFAN GROUP
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Pipe Culvert Outlet Protection Computation

FACILITY P12

Project Name: Skye Canyon Phase 3B 3C Infrastructure
Project Number: OLY1609.000
Date: 2/2/2018
By: ETM

Equations:

$(d_{50}/D)*(Y_t/D)^{1.2}/(Q/D^{2.5}) = 0.023$ — Equation 760*
$D_a = 1/2(D+Y_n)$ (used in place of D if Fr>1) — Equation 762*
$L = (1/(2 \tan q))(A_t/Y_t-W)$ — Equation 764*
$A_t = Q/V$ — Equation 765*

Known Information:

Q =	176	Flow (cfs)
D =	4.5	Diameter of Pipe (ft)
q =	20	Expansion angle of the culvert flow (typ=20°)
V =	5	Allowable downstream velocity (typ=5 ft/s)
Fr =	2.4	Froude Number (0 if full)
Y_n =	2.5	Normal Depth of flow in Pipe Culvert (ft)*
		* Not necessary if Fr<1 (Enter 0 if unknown)
Y_t =	1.8	Tailwater Depth (Enter 0.4D if unknown)

Riprap Erosion Protection Check (Figure 712):

Applicable only if $Q/D^{2.5} \leq 6$

$Q/D^{2.5}$ = ***4.10*** ← ***See Figure 712 for Recommended Riprap Type***
$Q/D^{1.5}$ = 18.44
Y_t/D 0.52

Solve For:

D_{50} = 1.86	**Average Size Riprap (ft)**
D_{50} = 22	**Average Size Riprap (in)**

A_t = 35.2	Req'd Area of flow at allowable velocity (ft2)
Y_t = 1.80	Tailwater Depth (ft)
D_a = 3.5	only used if Fr>=1
L = 20.7	**Length of Protection (ft)**
***L = 20.7**	***For: D<3.5-ft, L_{min}=3D. For: D>=3.5-ft, L_{min}>= 4D. $L_{max(required)}$=10D**

Notes:

Provide D_{50} = 24-inch riprap for a length of 21-ft

* Equations taken from the Clark County Regional Flood Control District - Hydrologic Criteria and Drainage Design Manual

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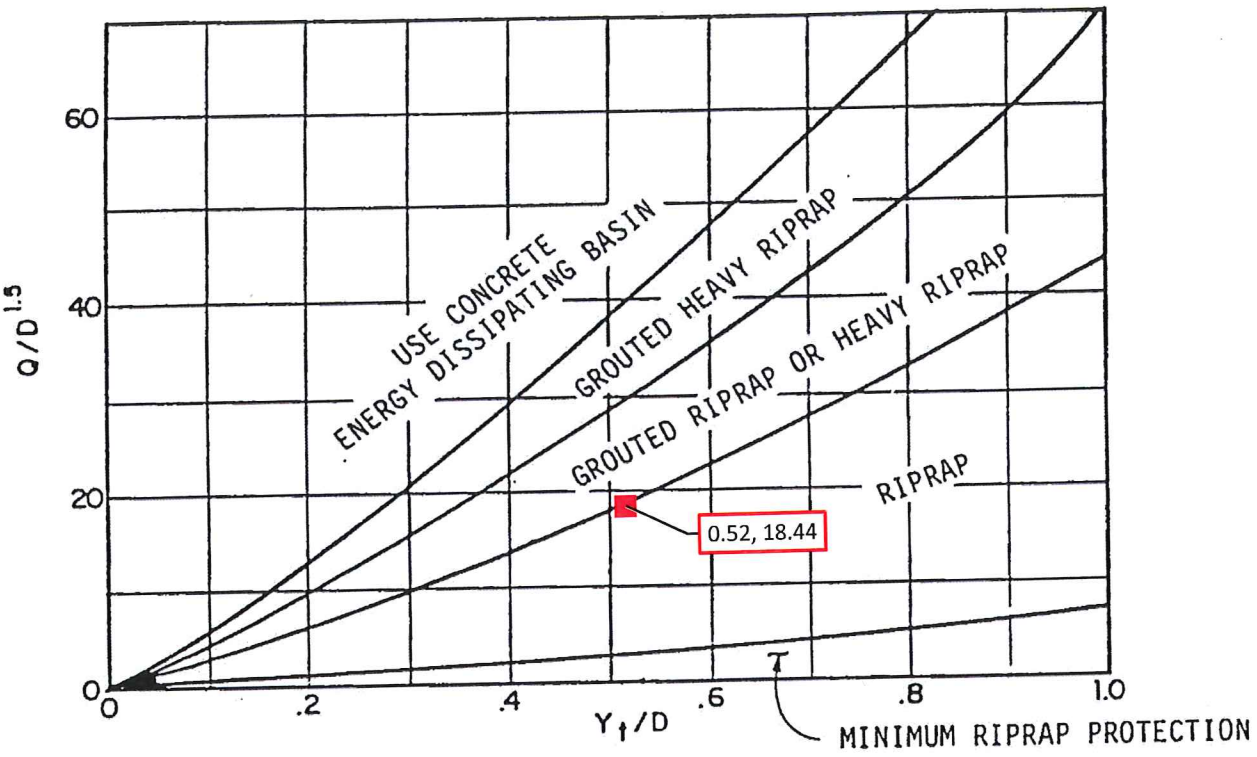
RIPRAP EROSION PROTECTION AT CIRCULAR CONDUIT OUTLET



Notes:

1. Use H_a instead of H whenever culvert has supercritical flow in the barrel.
2. Minimum Riprap Protection: Use Riprap for a distance of 3H downstream for 18" to 36" equivalent round pipe size and 4D downstream for 42" and larger equivalent round pipe size.

Revision	Date

WRC ENGINEERING	REFERENCE: USDCM, DRCOG, March 1969 (with modifications)	FIGURE 712

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

Pipe Culvert Outlet Protection Computation

FACILITY P26

Project Name: Skye Canyon Phase 3B 3C Infrastructure
Project Number: OLY1609.000
Date: 2/2/2018
By: ETM

Equations:

$(d_{50}/D)*(Y_t/D)^{1.2}/(Q/D^{2.5}) = 0.023$ — Equation 760*
$D_a = 1/2(D+Y_n)$ (used in place of D if Fr>1) — Equation 762*
$L = (1/(2 \tan q))(A_t/Y_t-W)$ — Equation 764*
$A_t = Q/V$ — Equation 765*

Known Information:

Q =	321	Flow (cfs)
D =	4.5	Diameter of Pipe (ft)
q =	20	Expansion angle of the culvert flow (typ=20°)
V =	5	Allowable downstream velocity (typ=5 ft/s)
Fr =	2.8	Froude Number (0 if full)
Y_n =	3.1	Normal Depth of flow in Pipe Culvert (ft)*
		* Not necessary if Fr<1 (Enter 0 if unknown)
Y_t =	1.8	Tailwater Depth (Enter 0.4D if unknown)

Riprap Erosion Protection Check (Figure 712):

Applicable only if $Q/D^{2.5} \leq 6$

$Q/D^{2.5}$ = **7.47** ← ***Figure 712 Not Applicable***
$Q/D^{1.5}$ = 33.63
Y_t/D 0.47

Solve For:

D_{50} = 2.98	**Average Size Riprap (ft)**
D_{50} = 36	**Average Size Riprap (in)**

A_t = 64.2	Req'd Area of flow at allowable velocity (ft2)
Y_t = 1.80	Tailwater Depth (ft)
D_a = 3.8	only used if Fr>=1
L = 42.8	**Length of Protection (ft)**
***L = 42.8**	***For: D<3.5-ft, L_{min}=3D. For: D>=3.5-ft, L_{min}>= 4D. $L_{max(required)}$=10D**

Notes:

Provide D_{50} = 36-inch riprap for a length of 43-ft

* Equations taken from the Clark County Regional Flood Control District - Hydrologic Criteria and Drainage Design Manual

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SLATER HANIFAN GROUP
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Pipe Culvert Outlet Protection Computation

FACILITY P28

Project Name: Skye Canyon Phase 3B 3C Infrastructure
Project Number: OLY1609.000
Date: 2/2/2018
By: ETM

Equations:

$(d_{50}/D)*(Y_t/D)^{1.2}/(Q/D^{2.5}) = 0.023$ — Equation 760*
$D_a = 1/2(D+Y_n)$ (used in place of D if Fr>1) — Equation 762*
$L = (1/(2 \tan q))(A_t/Y_t-W)$ — Equation 764*
$A_t = Q/V$ — Equation 765*

Known Information:

Q =	4	Flow (cfs)
D =	1.5	Diameter of Pipe (ft)
q =	20	Expansion angle of the culvert flow (typ=20°)
V =	5	Allowable downstream velocity (typ=5 ft/s)
Fr =	6.0	Froude Number (0 if full)
Y_n =	0.3	Normal Depth of flow in Pipe Culvert (ft)*
		* Not necessary if Fr<1 (Enter 0 if unknown)
Y_t =	0.6	Tailwater Depth (Enter 0.4D if unknown)

Riprap Erosion Protection Check (Figure 712):

Applicable only if $Q/D^{2.5} \leq 6$

$Q/D^{2.5}$ = ***1.27*** ← ***See Figure 712 for Recommended Riprap Type***
$Q/D^{1.5}$ = 1.91
Y_t/D 0.67

Solve For:

D_{50} = 0.29	**Average Size Riprap (ft)**
D_{50} = 3	**Average Size Riprap (in)**

A_t = 0.7	Req'd Area of flow at allowable velocity (ft2)
Y_t = 0.60	Tailwater Depth (ft)
D_a = 0.9	only used if Fr>=1
L = -0.5	**Length of Protection (ft)**
***L = 4.5**	***For: D<3.5-ft, L_{min}=3D. For: D>=3.5-ft, L_{min}>= 4D. $L_{max(required)}$=10D**

Notes:

Provide D_{50} = 8-inch riprap for a length of 5-ft

* Equations taken from the Clark County Regional Flood Control District - Hydrologic Criteria and Drainage Design Manual

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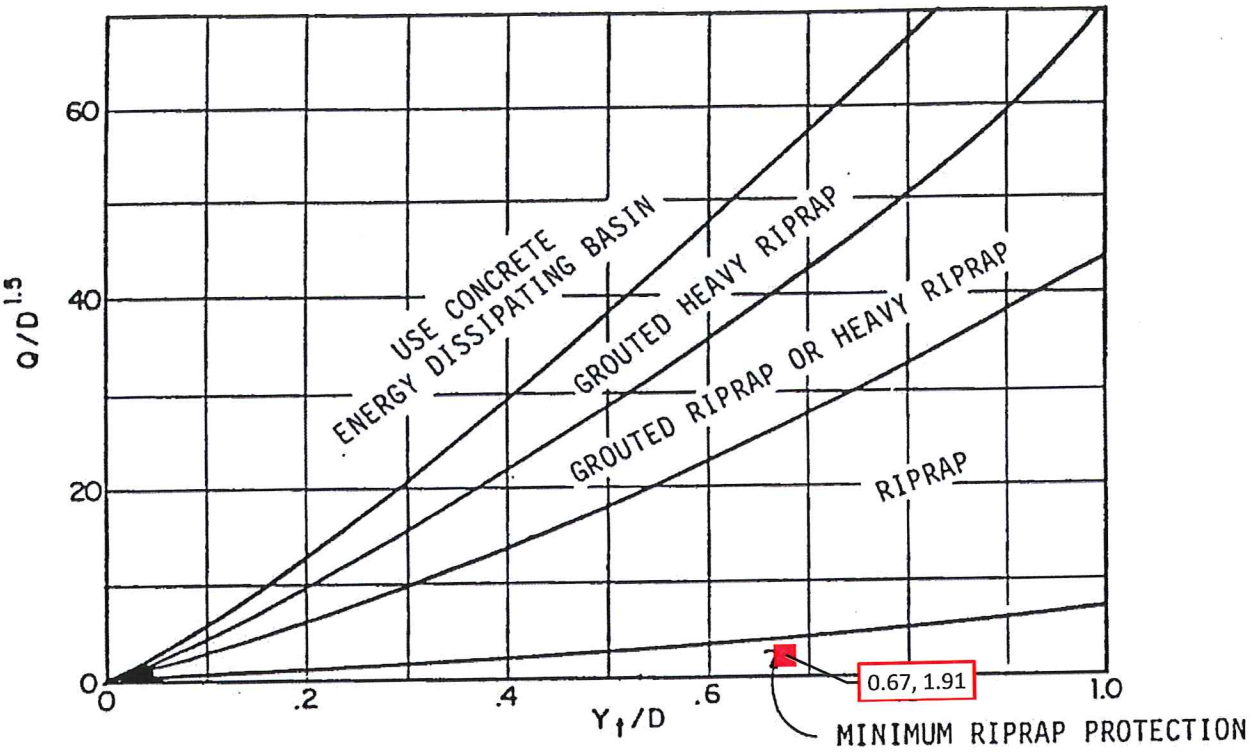
RIPRAP EROSION PROTECTION AT CIRCULAR CONDUIT OUTLET



Notes:

1. Use H_a instead of H whenever culvert has supercritical flow in the barrel.
2. Minimum Riprap Protection: Use Riprap for a distance of 3H downstream for 18" to 36" equivalent round pipe size and 4D downstream for 42" and larger equivalent round pipe size.

Revision	Date

WRC ENGINEERING	REFERENCE: USDCM, DRCOG, March 1969 (with modifications)	FIGURE 712

Lateral Loss Computations

STORM SEWER HYDRAUILIC CALCULATIONS

CONDUIT DATA						FLOW DATA							LOSS	HGL		COMMENTS	
STATION		SIZE / TYPE	INVERTS		LENGTH	A	R	Φ	Q	V	$H_V = V^2/2g$	S_f	PIPE	PIPE		PRESS. FLOW?	OTHER
FROM	TO		D / S ELEV.	U / S ELEV.		(FT^2)	(FT)		(CFS)	(FPS)	(FT)	(FT/FT)	H_f (FT)	D/S HGL ELEV.	U/S HGL ELEV.		
1000	1044.42	Round 18" RCP	2961.17	2968.09	44.42	1.767146	0.375	0.004925	7.5	4.244132	0.2797	0.00507704	0.226	2969.29	2969.516	No	Facility P7
1000	1034.69	Round 18" RCP	2961.17	2965.22	34.69	1.767146	0.375	0.004925	7.5	4.244132	0.2797	0.00507704	0.176	2969.29	2969.466	Yes	Future Facility P7
1000	1019.58	Round 18" RCP	2247.02	2248.91	19.58	1.767146	0.375	0.004925	5	2.829421	0.124311	0.002256462	0.044	2951.58	2951.624	Yes	Facility P10
1000	1048.73	Round 18" RCP	2927.29	2931.13	48.73	1.767146	0.375	0.004925	6.5	3.678248	0.210085	0.003813421	0.186	2931.36	2931.546	No	Facility P14A
1000	1028.89	Round 18" RCP	2927.29	2931.8	28.89	1.767146	0.375	0.004925	6.5	3.678248	0.210085	0.003813421	0.110	2931.36	2931.470	No	Facility P14B
1000	1043.84	Round 18" RCP	2927.64	2930.93	43.84	1.767146	0.375	0.004925	4	2.263537	0.079559	0.001444136	0.063	2934.60	2934.663	Yes	Facility P17
1000	1065.06	Round 18" RCP	2927.64	2932.52	65.06	1.767146	0.375	0.004925	4	2.263537	0.079559	0.001444136	0.094	2934.60	2934.694	Yes	Future Facility P17
1000	1065.05	Round 18" RCP	2879.77	2883.02	65.05	1.767146	0.375	0.004925	5.5	3.112363	0.150416	0.002730319	0.178	2880.25	2880.428	No	Future Facility P20
1000	1037.1	Round 18" RCP	2834.14	2836.2	37.1	1.767146	0.375	0.004925	8	4.527074	0.318236	0.005776543	0.214	2838.34	2838.554	Yes	Facility P23
1000	1079.46	Round 18" RCP	2834.14	2836.2	79.46	1.767146	0.375	0.004925	8	4.527074	0.318236	0.005776543	0.459	2838.34	2838.799	Yes	Future Facility P23
1000	1038.16	Round 18" RCP	2920.15	2921.3	38.16	1.767146	0.375	0.004925	3.5	1.980595	0.060912	0.001105666	0.042	2920.60	2920.642	No	Future Facility P27
1000	1028.89	Round 18" RCP	2887.99	2888.3	28.89	1.767146	0.375	0.004925	4	2.263537	0.079559	0.001444136	0.042	2989.80	2989.842	Yes	Facility P30
1000	1067.38	Round 18" RCP	2842.49	2848.09	67.38	1.767146	0.375	0.004925	6.5	3.678248	0.210085	0.003813421	0.257	2849.37	2849.627	Yes	Facility P32

$Sf = \Phi Hv / R^{1.33}$

$\Phi = 2g (n^2) / 2.21$

1 - Where pipes are not under pressure, assume U/S HGL is at top of pipe

APPENDIX E

Storm Drain Analyses

Shaumber Road

U/SHA1-South Alignment

Ultimate Condition WSPG Summary

South Mainline in Shaumber Road along the West Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	N/A	LAT-01	54" RCP	2983.25	240.00	2987.04	16.81	N/A	N/A
1179.97	30+91.	LAT-01	54" RCP	2985.92	240.00	2990.00	15.85	2997.67	OK
1179.98	30+91.	LAT-01	54" RCP	2985.93	240.00	2990.04	15.77	2997.67	OK
1179.99	30+91.	LAT-01	54" RCP	2985.94	240.00	2990.09	15.66	2997.67	OK
1180.00	30+91.	LAT-01	54" RCP	2985.95	240.00	2990.19	15.45	2997.67	OK
1180.00	30+91.	LAT-01	54" RCP	2985.95	221.00	2991.29	13.90	2997.67	OK
1342.91	29+32.87	PP-02	54" RCP	2987.58	221.00	2993.60	13.90	3002.76	OK
1510.28	27+70.39	PP-01	54" RCP	2989.25	221.00	2996.00	13.90	3006.58	OK
1733.24	25+53.65	PP-01	42" RCP	2992.47	108.00	3003.28	11.23	3010.29	OK
1733.25	25+53.65	PP-01	42" RCP	2992.48	108.00	3003.30	11.23	3010.29	OK
1733.25	25+53.65	PP-01	42" RCP	2992.98	76.00	3004.77	10.75	3010.29	OK
1854.73	24+35.56	PP-01	36" RCP	2996.48	76.00	3006.44	10.75	3009.44	OK
1854.73	24+35.57	PP-01	36" RCP	2996.48	76.00	3006.44	10.75	3009.44	OK

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SHAUMBER SOUTH MAIN STORM DRAIN ALIGNMENT MODEL "USHA1" (ULTIMATE CONDITION)
SO   1000.0002983.250 54      .013                2987.75
R    1179.9702985.920 54      .013                                    15.00 1
R    1179.9802985.930 54      .013                                    15.00
R    1179.9902985.940 54      .013                                    15.00
R    1180.0002985.950 54      .013                                     2.00
JX   1180.0002985.950 54 24   .013   19.00          2988.450         45.0
R    1342.9102987.580 54      .013                                    11.00 1
R    1510.2802989.250 54      .013                                    13.00 1
JX   1510.2802990.250 42 42   .013  113.00          2990.250         90.0
R    1733.2402992.470 42      .013                                    15.00 1
R    1733.2502992.480 42      .013                                     3.00
JX   1733.2502992.980 36 30   .013   32.00          2993.480         90.0
R    1854.7302996.480 36      .013                                          1
SH   1854.7302996.480 36      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q           76.000   .0
```

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														

W S P G W
WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS - SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS - BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS - SHAUMBER SOUTH MAIN STORM DRAIN ALIGNMENT MODEL "USHA1" (ULTIMATE CONDITIO

W S P G W
WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *
U/S DATA STATION INVERT SECT W S ELEV
1000.000 2983.250 54 2987.750

ELEMENT NO 2 IS A REACH * * *
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1179.970 2985.920 54 .013 .000 .000 15.000 1

ELEMENT NO 3 IS A REACH * * *
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1179.980 2985.930 54 .013 .000 .000 15.000 0

ELEMENT NO 4 IS A REACH * * *
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1179.990 2985.940 54 .013 .000 .000 15.000 0

ELEMENT NO 5 IS A REACH * * *
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1180.000 2985.950 54 .013 .000 .000 2.000 0

ELEMENT NO 6 IS A JUNCTION * * * * *
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
1180.000 2985.950 54 24 0 .013 19.000 .000 2988.450 .000 45.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 7 IS A REACH * * *
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1342.910 2987.580 54 .013 .000 .000 11.000 1

ELEMENT NO 8 IS A REACH * * *
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1510.280 2989.250 54 .013 .000 .000 13.000 1

ELEMENT NO 9 IS A JUNCTION * * * * *

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1510.280	2990.250	42	42	0	.013	113.000	.000	2990.250	.000	90.000	.000

RADIUS	ANGLE
.000	.000

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 10 IS A REACH

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1733.240	2992.470	42	.013	.000	.000	15.000	1

ELEMENT NO 11 IS A REACH

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1733.250	2992.480	42	.013	.000	.000	3.000	0

ELEMENT NO 12 IS A JUNCTION

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1733.250	2992.980	36	30	0	.013	32.000	.000	2993.480	.000	90.000	.000

RADIUS	ANGLE
.000	.000

ELEMENT NO 13 IS A REACH

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1854.730	2996.480	36	.013	.000	.000	.000	1

ELEMENT NO 14 IS A SYSTEM HEADWORKS

	STATION	INVERT	SECT	W S ELEV
U/S DATA	1854.730	2996.480	36	.000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SHAUMBER SOUTH MAIN STORM DRAIN ALIGNMENT MODEL "USHA1" (ULTIMATE COND

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS) / SF Ave	Vel Head / HF	Energy Grd.El. / SE Dpth	Super Elev / Froude N	Critical Depth / Norm Dp	Flow Top Width	Height/Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
1000.000	2983.250	3.785	2987.035	240.00	16.81	4.39	2991.42	.00	4.24	3.29	4.500	.000	.00	1 .0
67.098	.0148					.0141	.95	3.78	1.42	3.70	.013	.00	.00	PIPE
1067.098	2984.245	3.835	2988.080	240.00	16.62	4.29	2992.37	.00	4.24	3.19	4.500	.000	.00	1 .0
112.872	.0148					.0135	1.53	3.83	1.38	3.70	.013	.00	.00	PIPE
1179.970	2985.920	4.075	2989.995	240.00	15.85	3.90	2993.90	.00	4.24	2.63	4.500	.000	.00	1 .0
.010	1.0000					.0130	.00	4.08	1.16	1.06	.013	.00	.00	PIPE
1179.980	2985.930	4.106	2990.036	240.00	15.77	3.86	2993.90	.00	4.24	2.54	4.500	.000	.00	1 .0
.010	1.0000					.0130	.00	4.11	1.14	1.06	.013	.00	.00	PIPE
1179.990	2985.940	4.146	2990.085	240.00	15.66	3.81	2993.90	.00	4.24	2.42	4.500	.000	.00	1 .0
.010	1.0000					.0129	.00	4.15	1.10	1.06	.013	.00	.00	PIPE
1180.000	2985.950	4.241	2990.191	240.00	15.45	3.70	2993.90	.00	4.24	2.10	4.500	.000	.00	1 .0
JUNCT STR	.0000					.0128	.00	4.24	1.00		.013	.00	.00	PIPE
1180.000	2985.950	5.337	2991.287	221.00	13.90	3.00	2994.29	.00	4.16	.00	4.500	.000	.00	1 .0
162.910	.0100					.0126	2.06	5.34	.00	4.50	.013	.00	.00	PIPE
1342.910	2987.580	6.023	2993.604	221.00	13.90	3.00	2996.60	.00	4.16	.00	4.500	.000	.00	1 .0
167.370	.0100					.0126	2.11	6.02	.00	4.50	.013	.00	.00	PIPE
1510.280	2989.250	6.746	2995.996	221.00	13.90	3.00	2998.99	.00	4.16	.00	4.500	.000	.00	1 .0
JUNCT STR	.0000					.0121	.00	6.75	.00		.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SHAUMBER SOUTH MAIN STORM DRAIN ALIGNMENT MODEL "USHA1" (ULTIMATE COND

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1510.280	2990.250	10.268	3000.519	108.00	11.23	1.96	3002.48	.00	3.15	.00	3.500	.000	.00	1 .0
222.960	.0100					.0115	2.57	10.27	.00	3.50	.013	.00	.00	PIPE
1733.240	2992.470	10.812	3003.282	108.00	11.23	1.96	3005.24	.00	3.15	.00	3.500	.000	.00	1 .0
.010	1.0000					.0115	.00	10.81	.00	.77	.013	.00	.00	PIPE
1733.250	2992.480	10.822	3003.302	108.00	11.23	1.96	3005.26	.00	3.15	.00	3.500	.000	.00	1 .0
JUNCT STR	.0000					.0123	.00	10.82	.00		.013	.00	.00	PIPE
1733.250	2992.980	11.793	3004.773	76.00	10.75	1.80	3006.57	.00	2.73	.00	3.000	.000	.00	1 .0
121.480	.0288					.0130	1.58	11.79	.00	1.80	.013	.00	.00	PIPE
1854.730	2996.480	9.960	3006.440	76.00	10.75	1.80	3008.23	.00	2.73	.00	3.000	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER SOUTH MAIN STORM DRAIN ALIGNMENT MODEL "USHA1" (ULTIMATE COND

1000.00 .I WC H E . R

1017.44 .

1034.89 .

```
1052.33   .                                                                  .
1069.77   .  I              WCH .          E                                 .   R
1087.22   .                                                                  .
1104.66   .                                                                  .
1122.10   .                                                                  .
1139.55   .                                                                  .
1156.99   .                                                                  .
1174.43   .                                                                  .
1191.88   .        I              WCH            E                            .   R
1209.32   .        I              WH             E                            .   R
1226.77   .        I              WH             E                            .   R
1244.21   .        I              WH             E                            .   JX
1261.65   .        I              CH   W           E                          .   R
1279.10   .                                                                  .
1296.54   .                                                                  .
1313.98   .                                                                  .
1331.43   .                                                                  .
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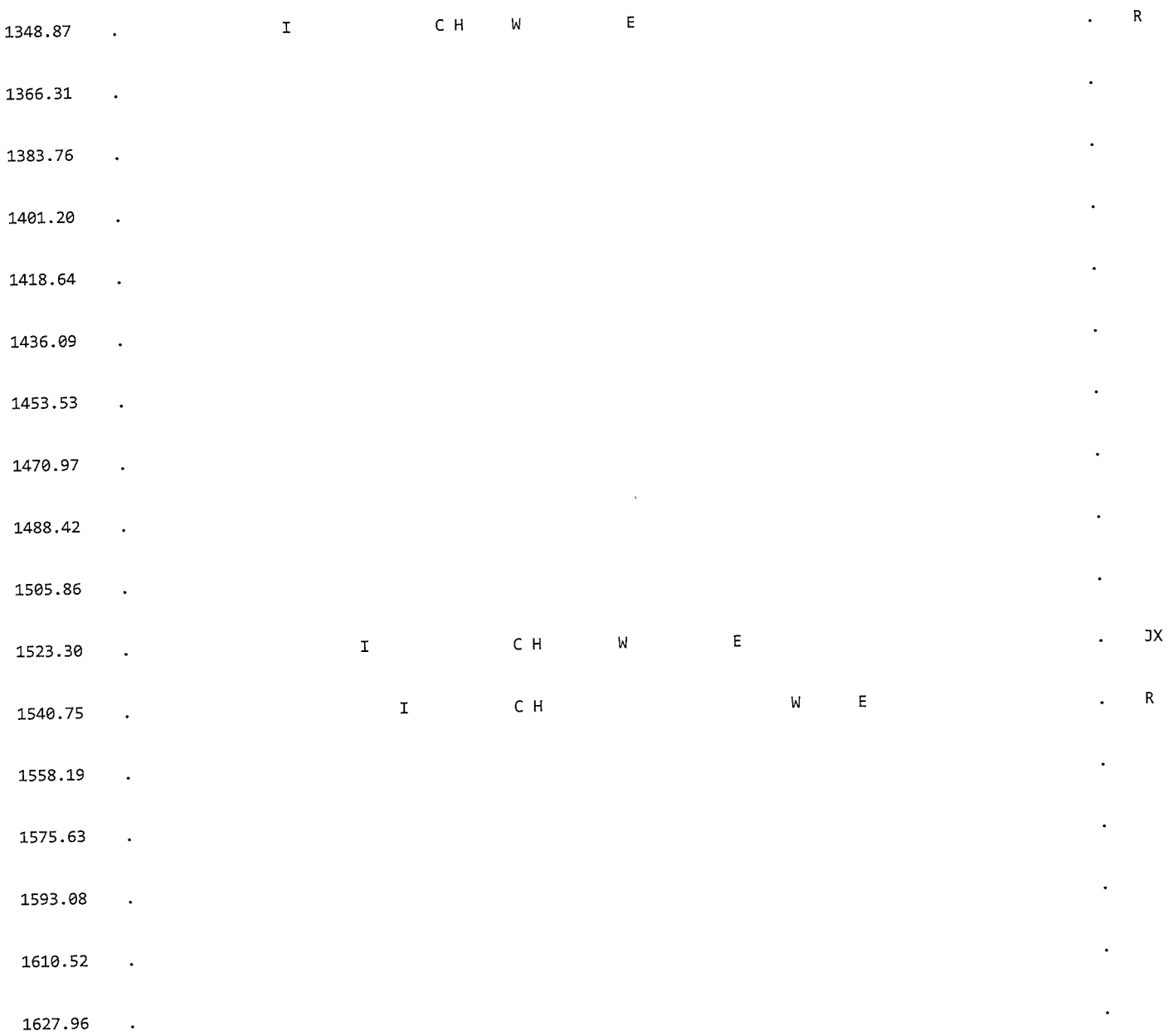
1348.87
I
C H
W
E
R
1366.31
1383.76
1401.20
1418.64
1436.09
1453.53
1470.97
1488.42
1505.86
1523.30
I
C H
W
E
JX
1540.75
I
C H
W
E
R
1558.19
1575.63
1593.08
1610.52
1627.96

```
1645.41   .                                                                                                  .
1662.85   .                                                                                                  .
1680.30   .                                                                                                  .
1697.74   .                                                                                                  .
1715.18   .                                                                                                  .
1732.63   .                                                                                                  .
1750.07   .                                   I           CH                          W      E           .   R
1767.51   .                                   I           CH                          W      E           .   JX
1784.96   .                                     I         CH                                 W     E      .   R
1802.40   .                                                                                                  .
1819.84   .                                                                                                  .
1837.29   .                                                                                                  .
1854.73   .                                                   I         CH                          W      E.   R
          2983.250  2985.749  2988.247  2990.746  2993.244  2995.743  2998.241  3000.740  3003.238  3005.737  3008.235
```

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION

H = HEIGHT OF CHANNEL
E = ENERGY GRADE LINE
X = CURVES CROSSING OVER
B = BRIDGE ENTRANCE OR EXIT
Y = WALL ENTRANCE OR EXIT

2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Interim Condition WSPG Summary

South Mainline in Shaumber Road along the West Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	N/A	LAT-01	54" RCP	2983.25	230.00	2986.89	16.69	N/A	N/A
1179.97	30+91.	LAT-01	54" RCP	2985.92	230.00	2989.95	15.32	2997.67	OK
1179.98	30+91.	LAT-01	54" RCP	2985.93	230.00	2989.99	15.23	2997.67	OK
1179.99	30+91.	LAT-01	54" RCP	2985.94	230.00	2990.04	15.12	2997.67	OK
1180.00	30+91.	LAT-01	54" RCP	2985.95	230.00	2990.15	14.89	2997.67	OK
1180.00	30+91.	LAT-01	54" RCP	2985.95	221.00	2990.81	13.90	2997.67	OK
1342.91	29+32.87	PP-02	54" RCP	2987.58	221.00	2993.13	13.90	3002.76	OK
1510.28	27+70.39	PP-01	54" RCP	2989.25	221.00	2995.52	13.90	3006.58	OK
1733.24	25+53.65	PP-01	42" RCP	2992.47	108.00	3002.81	11.23	3010.29	OK
1733.25	25+53.65	PP-01	42" RCP	2992.48	108.00	3002.83	11.23	3010.29	OK
1733.25	25+53.65	PP-01	42" RCP	2992.98	76.00	3004.30	10.75	3010.29	OK
1854.73	24+35.56	PP-01	36" RCP	2996.48	76.00	3005.97	10.75	3009.44	OK
1854.73	24+35.57	PP-01	36" RCP	2996.48	76.00	3005.97	10.75	3009.44	OK

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SHAUMBER SOUTH MAIN STORM DRAIN ALIGNMENT MODEL "SHA1"
SO   1000.0002983.250 54      .013                2987.75
R    1179.9702985.920 54      .013                                    15.00 1
R    1179.9802985.930 54      .013                                    15.00
R    1179.9902985.940 54      .013                                    15.00
R    1180.0002985.950 54      .013                                     2.00
JX   1180.0002985.950 54 24   .013    9.00          2988.450         45.0
R    1342.9102987.580 54      .013                                    11.00 1
R    1510.2802989.250 54      .013                                    13.00 1
JX   1510.2802990.250 42 42   .013  113.00          2990.250         90.0
R    1733.2402992.470 42      .013                                    15.00 1
R    1733.2502992.480 42      .013                                     3.00
JX   1733.2502992.980 36 30   .013   32.00          2993.480         90.0
R    1854.7302996.480 36      .013                                          1
SH   1854.7302996.480 36      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q           76.000   .0
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FILE: SHA1.WSW

W S P G W - EDIT LISTING - Version 14.10 Date: 1-25-2018 Time: 2:15:47

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

SHAUMBER SOUTH MAIN STORM DRAIN ALIGNMENT MODEL "SHA1"

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1000.000	2983.250	54	2987.750

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1179.970	2985.920	54	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1179.980	2985.930	54	.013	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1179.990	2985.940	54	.013	.000	.000	15.000	0

ELEMENT NO 5 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1180.000	2985.950	54	.013	.000	.000	2.000	0

ELEMENT NO 6 IS A JUNCTION * * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1180.000	2985.950	54	24	0	.013	9.000	.000	2988.450	.000	45.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 7 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1342.910	2987.580	54	.013	.000	.000	11.000	1

ELEMENT NO 8 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1510.280	2989.250	54	.013	.000	.000	13.000	1

ELEMENT NO 9 IS A JUNCTION * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1510.280	2990.250	42	42	0	.013	113.000	.000	2990.250	.000	90.000	.000

RADIUS	ANGLE
.000	.000

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 10 IS A REACH

U/S DATA	STATION	INVERT	SECT	N
	1733.240	2992.470	42	.013

RADIUS	ANGLE	ANG PT	MAN H
.000	.000	15.000	1

ELEMENT NO 11 IS A REACH

U/S DATA	STATION	INVERT	SECT	N
	1733.250	2992.480	42	.013

RADIUS	ANGLE	ANG PT	MAN H
.000	.000	3.000	0

ELEMENT NO 12 IS A JUNCTION

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1733.250	2992.980	36	30	0	.013	32.000	.000	2993.480	.000	90.000	.000

RADIUS	ANGLE
.000	.000

ELEMENT NO 13 IS A REACH

U/S DATA	STATION	INVERT	SECT	N
	1854.730	2996.480	36	.013

RADIUS	ANGLE	ANG PT	MAN H
.000	.000	.000	1

ELEMENT NO 14 IS A SYSTEM HEADWORKS

U/S DATA	STATION	INVERT	SECT
	1854.730	2996.480	36

W S ELEV
.000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER SOUTH MAIN STORM DRAIN ALIGNMENT MODEL "SHA1"

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2983.250	3.640	2986.890	230.00	16.69	4.32	2991.21	.00	4.20	3.54	4.500	.000	.00	1 .0
120.987	.0148					.0135	1.64	3.64	1.49	3.54	.013	.00	.00	PIPE
1120.987	2985.045	3.796	2988.841	230.00	16.07	4.01	2992.85	.00	4.20	3.27	4.500	.000	.00	1 .0
58.983	.0148					.0126	.74	3.80	1.35	3.54	.013	.00	.00	PIPE
1179.970	2985.920	4.027	2989.947	230.00	15.32	3.64	2993.59	.00	4.20	2.76	4.500	.000	.00	1 .0
.010	1.0000					.0121	.00	4.03	1.16	1.04	.013	.00	.00	PIPE
1179.980	2985.930	4.058	2989.988	230.00	15.23	3.60	2993.59	.00	4.20	2.68	4.500	.000	.00	1 .0
.010	1.0000					.0120	.00	4.06	1.13	1.04	.013	.00	.00	PIPE
1179.990	2985.940	4.100	2990.040	230.00	15.12	3.55	2993.59	.00	4.20	2.56	4.500	.000	.00	1 .0
.010	1.0000					.0119	.00	4.10	1.09	1.04	.013	.00	.00	PIPE
1180.000	2985.950	4.200	2990.150	230.00	14.89	3.44	2993.59	.00	4.20	2.24	4.500	.000	.00	1 .0
JUNCT STR	.0000					.0122	.00	4.20	1.00		.013	.00	.00	PIPE
1180.000	2985.950	4.864	2990.814	221.00	13.90	3.00	2993.81	.00	4.16	.00	4.500	.000	.00	1 .0
162.910	.0100					.0126	2.06	4.86	.00	4.50	.013	.00	.00	PIPE
1342.910	2987.580	5.550	2993.130	221.00	13.90	3.00	2996.13	.00	4.16	.00	4.500	.000	.00	1 .0
167.370	.0100					.0126	2.11	5.55	.00	4.50	.013	.00	.00	PIPE
1510.280	2989.250	6.273	2995.522	221.00	13.90	3.00	2998.52	.00	4.16	.00	4.500	.000	.00	1 .0
JUNCT STR	.0000					.0121	.00	6.27	.00		.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SHAUMBER SOUTH MAIN STORM DRAIN ALIGNMENT MODEL "SHA1"

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1510.280	2990.250	9.795	3000.045	108.00	11.23	1.96	3002.00	.00	3.15	.00	3.500	.000	.00	1 .0
222.960	.0100					.0115	2.57	9.80	.00	3.50	.013	.00	.00	PIPE
1733.240	2992.470	10.339	3002.809	108.00	11.23	1.96	3004.77	.00	3.15	.00	3.500	.000	.00	1 .0
.010	1.0000					.0115	.00	10.34	.00	.77	.013	.00	.00	PIPE
1733.250	2992.480	10.349	3002.829	108.00	11.23	1.96	3004.79	.00	3.15	.00	3.500	.000	.00	1 .0
JUNCT STR	.0000					.0123	.00	10.35	.00		.013	.00	.00	PIPE
1733.250	2992.980	11.319	3004.299	76.00	10.75	1.80	3006.09	.00	2.73	.00	3.000	.000	.00	1 .0
121.480	.0288					.0130	1.58	11.32	.00	1.80	.013	.00	.00	PIPE
1854.730	2996.480	9.486	3005.966	76.00	10.75	1.80	3007.76	.00	2.73	.00	3.000	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER SOUTH MAIN STORM DRAIN ALIGNMENT MODEL "SHA1"

1000.00 .I W CH E . R

1017.44 .

1034.89 .

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1052.33   .                                                                  .
1069.77   .                                                                  .
1087.22   .                                                                  .
1104.66   .                                                                  .
1122.10   .      I            W CH            E                              .   R
1139.55   .                                                                  .
1156.99   .                                                                  .
1174.43   .                                                                  .
1191.88   .         I              WCH            E                          .   R
1209.32   .         I              WCH            E                          .   R
1226.77   .         I              WCH            E                          .   R
1244.21   .          I              WH            E                          .   JX
1261.65   .          I             C HW           E                          .   R
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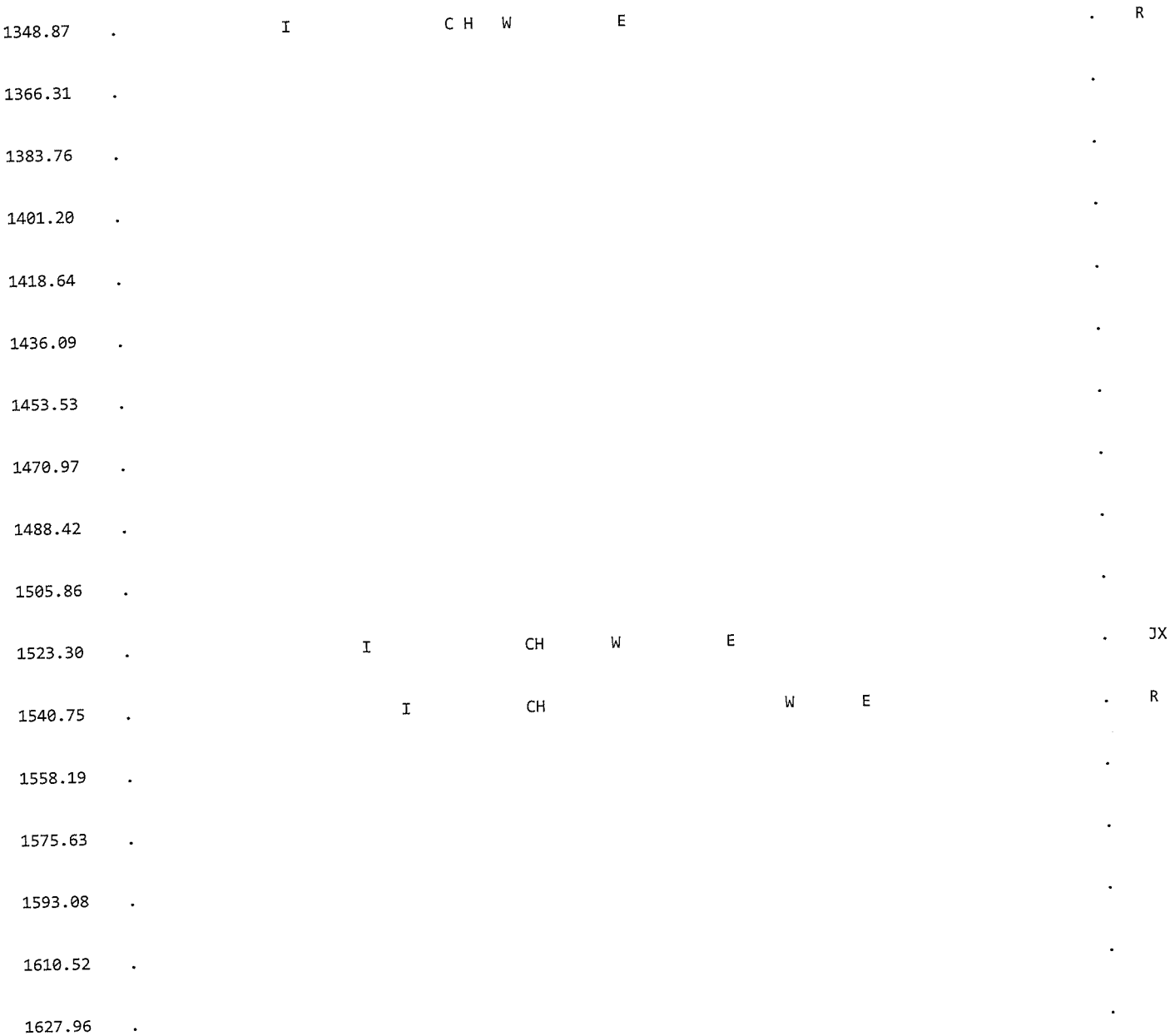
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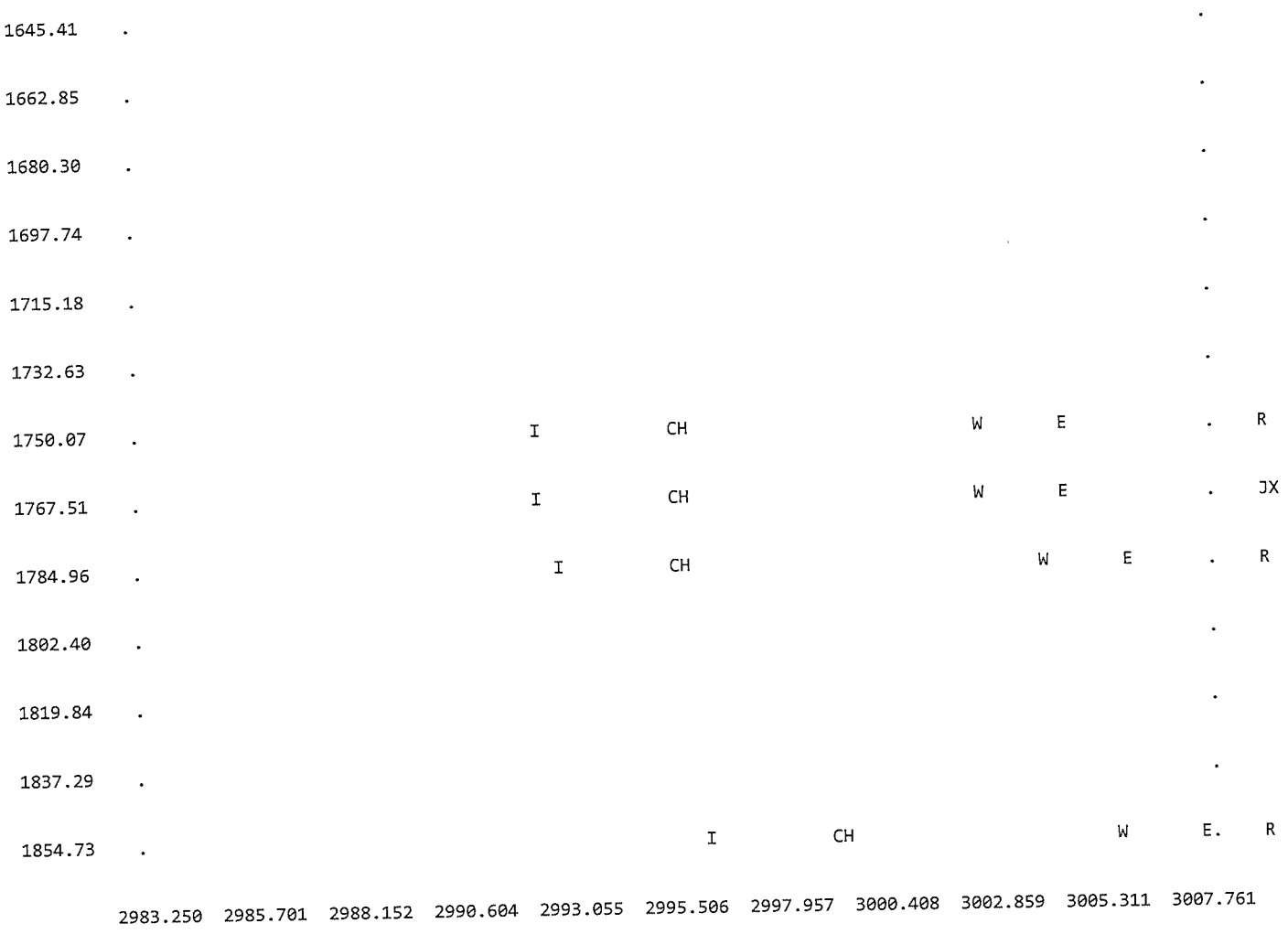

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION

H = HEIGHT OF CHANNEL
E = ENERGY GRADE LINE
X = CURVES CROSSING OVER
B = BRIDGE ENTRANCE OR EXIT
Y = WALL ENTRANCE OR EXIT

2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Shaumber Road

SHA1-Lateral

Interim Condition WSPG Summary

Lateral to the South Mainline in Shaumber Road along the West Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	27+70.39	PP-09	42" RCP	2990.25	113.00	3000.52	11.74	3006.58	OK
1164.50	27+71.92	PP-09	42" RCP	2991.88	113.00	3002.81	11.74	2997.83	HGL<1' Below FG
1164.51	27+71.92	PP-09	42" RCP	2991.89	113.00	3002.92	11.74	2997.83	HGL<1' Below FG
1164.52	27+71.92	PP-09	42" RCP	2991.90	113.00	3002.92	11.74	2997.83	HGL<1' Below FG
1164.52	27+71.92	PP-09	60" RCP	2991.90	113.00	3004.55	5.76	2997.83	HGL<1' Below FG
1283.45	27+27.44	PP-09	60" RCP	2995.40	113.00	3004.80	5.76	3001.82	HGL<1' Below FG
1283.45	27+27.44	PP-09	60" RCP	2995.40	113.00	3004.80	5.76	3001.82	HGL<1' Below FG

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 TIE-IN TO DB2 OUTFALL AND SHAUMBER ALIGNMENT; MODEL "SHA1-L"
SO   1000.0002990.250 42      .013                3000.52
R    1164.5002991.880 42      .013                                    15.00 1
R    1164.5102991.890 42      .013                                    15.00
R    1164.5202991.900 42      .013                                     1.00
JX   1164.5202991.900 60      .013                                          1
R    1283.4502995.400 60      .013
SH   1283.4502995.400 60      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
Q           113.000   .0
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FILE: SHA1-L.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 1-29-2018 Time: 4:57:10

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING PAGE 1

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														

W S P G W PAGE NO 1

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

TIE-IN TO DB2 OUTFALL AND SHAUMBER ALIGNMENT; MODEL "SHA1-L"

W S P G W PAGE NO 2

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1000.000	2990.250	42	3000.520

ELEMENT NO 2 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1164.500	2991.880	42	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1164.510	2991.890	42	.013	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1164.520	2991.900	42	.013	.000	.000	1.000	0

ELEMENT NO 5 IS A JUNCTION

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1164.520	2991.900	60	0	0	.013	.000	.000	.000	.000	.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 6 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1283.450	2995.400	60	.013	.000	.000	.000	1

ELEMENT NO 7 IS A SYSTEM HEADWORKS

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1283.450	2995.400	60	.000

FILE: SHA1-L.WSW

W S P G W - CIVILDESIGN Version 14.08

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 1-29-2018 Time: 4:57:14

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

TIE-IN TO DB2 OUTFALL AND SHAUMBER ALIGNMENT; MODEL "SHA1-L"

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2990.250	10.270	3000.520	113.00	11.74	2.14	3002.66	.00	3.20	.00	3.500	.000	.00	1 .0
164.500	.0099					.0126	2.08	10.27	.00	3.50	.013	.00	.00	PIPE
1164.500	2991.880	10.928	3002.808	113.00	11.74	2.14	3004.95	.00	3.20	.00	3.500	.000	.00	1 .0
.010	1.0000					.0126	.00	10.93	.00	.79	.013	.00	.00	PIPE
1164.510	2991.890	11.025	3002.915	113.00	11.74	2.14	3005.06	.00	3.20	.00	3.500	.000	.00	1 .0
.010	1.0000					.0126	.00	11.02	.00	.79	.013	.00	.00	PIPE
1164.520	2991.900	11.022	3002.922	113.00	11.74	2.14	3005.06	.00	3.20	.00	3.500	.000	.00	1 .0
JUNCT STR	.0000					.0072	.00	11.02	.00		.013	.00	.00	PIPE
1164.520	2991.900	12.650	3004.550	113.00	5.76	.51	3005.06	.00	3.03	.00	5.000	.000	.00	1 .0
118.930	.0294					.0019	.22	12.65	.00	1.71	.013	.00	.00	PIPE
1283.450	2995.400	9.399	3004.799	113.00	5.76	.51	3005.31	.00	3.03	.00	5.000	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

TIE-IN TO DB2 OUTFALL AND SHAUMBER ALIGNMENT; MODEL "SHA1-L"

1000.00 .I C H W E . R

1005.78 .

1011.57 .

1017.35 .

1023.14 .

1028.92 .

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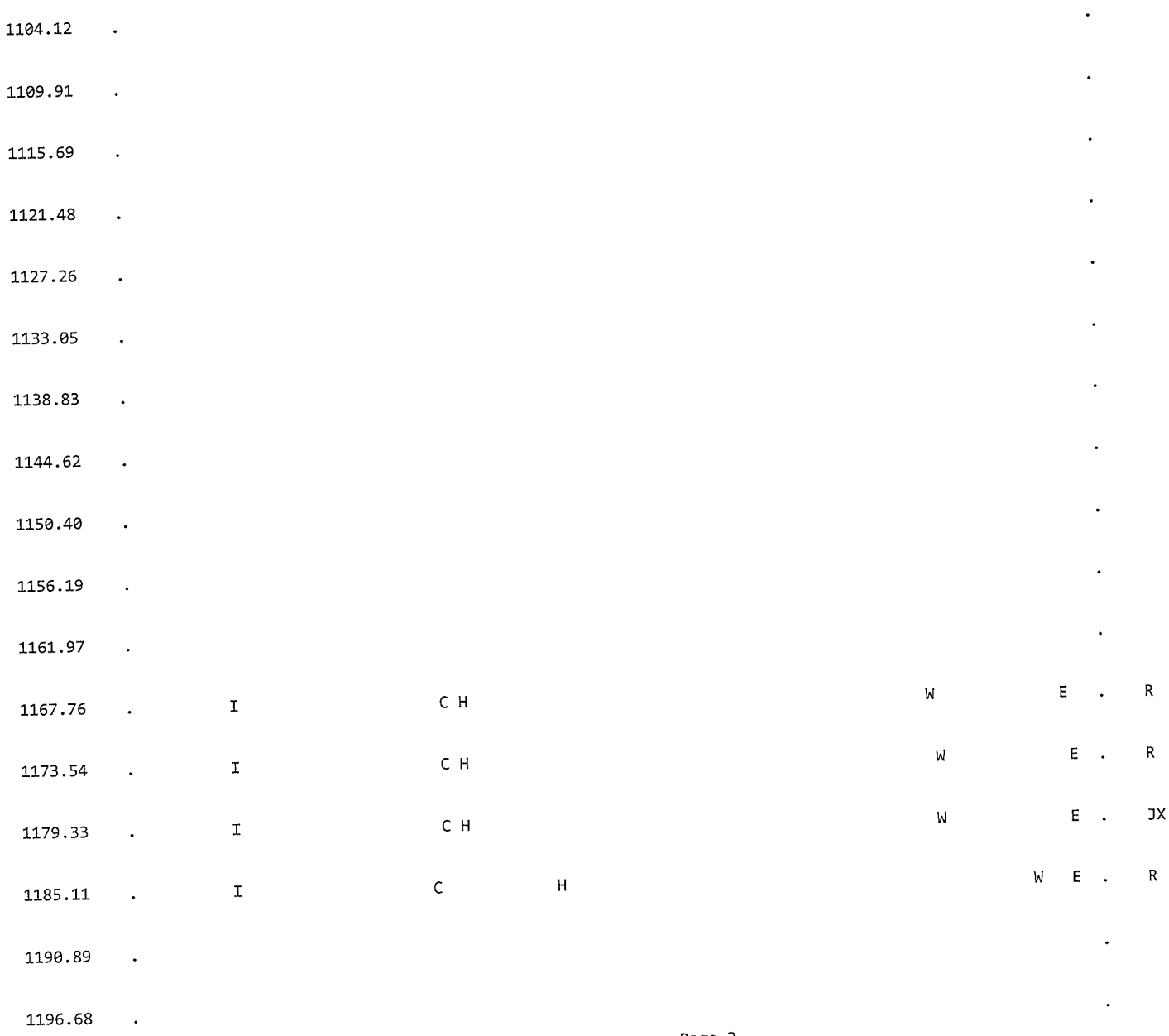
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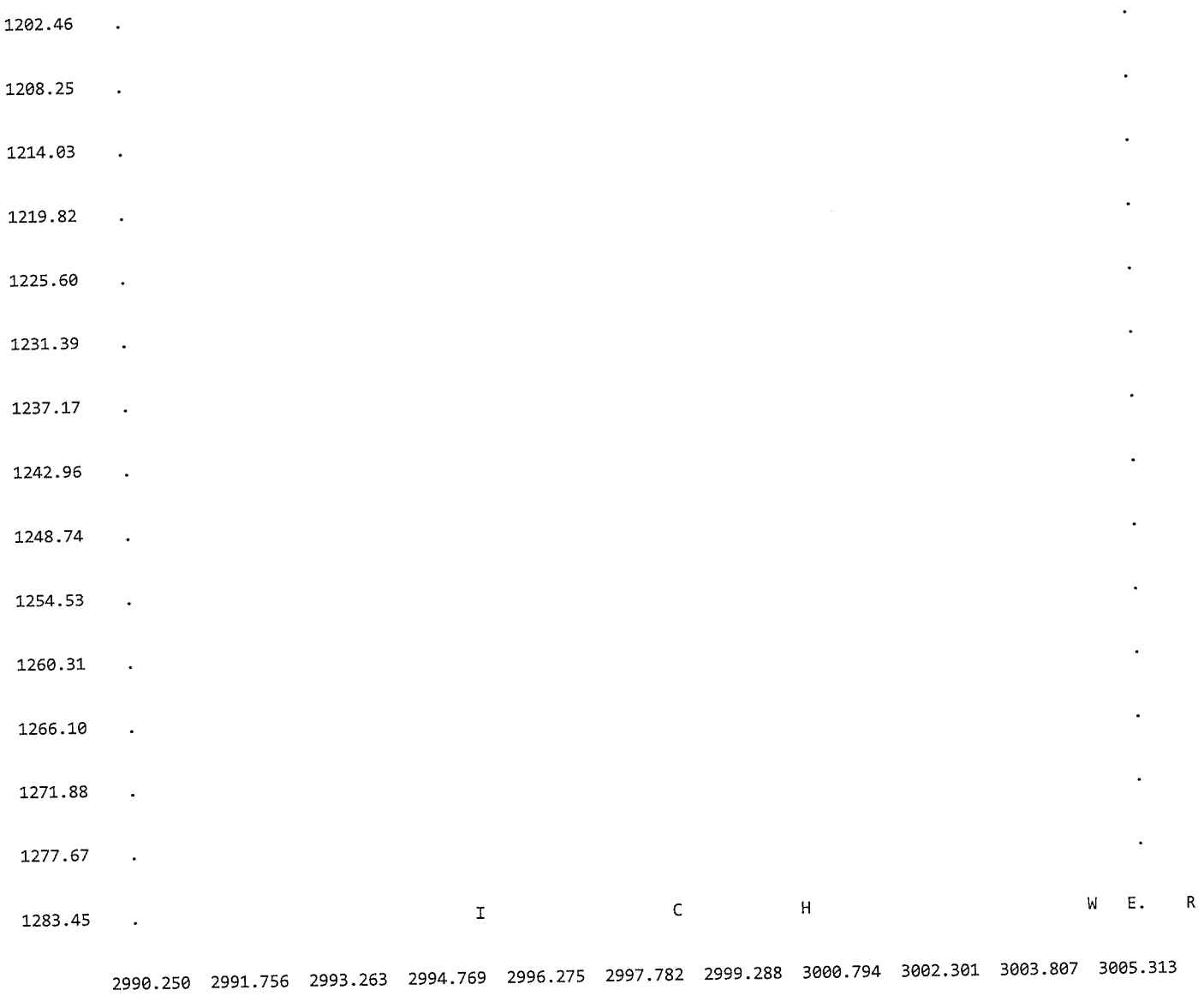
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1266.10
1271.88
1277.67
1283.45
I
C
H
W E. R
2990.250
2991.756
2993.263
2994.769
2996.275
2997.782
2999.288
3000.794
3002.301
3003.807
3005.313

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Shaumber Road

U/SHA2-Middle Alignment

Ultimate Condition WSPG Summary

Center Mainline in Shaumber Road along the West Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	N/A	LAT-01	54" RCP	2933.00	230.00	2936.02	20.25	2937.50	OK
1108.44	52+26.62	LAT-01	54" RCP	2936.64	230.00	2940.74	15.12	2952.76	OK
1108.45	52+26.62	LAT-01	54" RCP	2936.65	230.00	2940.85	14.89	2952.76	OK
1108.45	52+26.62	LAT-01	42" RCP	2937.65	120.00	2944.16	12.47	2952.76	OK
1169.43	52+26.62	LAT-01	42" RCP	2939.85	120.00	2945.27	12.47	2952.84	OK
1169.44	52+26.62	LAT-01	42" RCP	2939.86	120.00	2945.39	12.47	2952.84	OK
1169.45	52+26.62	LAT-01	42" RCP	2939.87	120.00	2945.49	12.47	2952.84	OK
1238.63	N/A	LAT-01	42" RCP	2941.00	120.00	2946.47	12.47	N/A	N/A

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SHAUMBER WASH CULVERT CROSSING MODEL "USHA2a" (ULTIMATE CONDITION)
SO   1000.0002933.000 54      .013                2937.50
R    1108.4402936.640 54      .013                                    15.00 1
R    1108.4502936.650 54      .013                                    14.00
JX   1108.4502937.650 42 42   .013  110.00          2937.650        62.0
R    1169.4302939.850 42      .013                                    15.00 1
R    1169.4402939.860 42      .013                                    15.00
R    1169.4502939.870 42      .013                                    12.00
R    1238.6302941.000 42      .013
SH   1238.6302941.000 42      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q           120.000   .0
```

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -
SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -
BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -
SHAUMBER WASH CULVERT CROSSING MODEL "USHA2a" (ULTIMATE CONDITION)

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET
U/S DATA STATION 1000.000 INVERT 2933.000 SECT 54 W S ELEV 2937.500

ELEMENT NO 2 IS A REACH
U/S DATA STATION 1108.440 INVERT 2936.640 SECT 54 N .013 RADIUS .000 ANGLE .000 ANG PT 15.000 MAN H 1

ELEMENT NO 3 IS A REACH
U/S DATA STATION 1108.450 INVERT 2936.650 SECT 54 N .013 RADIUS .000 ANGLE .000 ANG PT 14.000 MAN H 0

ELEMENT NO 4 IS A JUNCTION
U/S DATA STATION 1108.450 INVERT 2937.650 SECT 42 LAT-1 42 LAT-2 0 N .013 Q3 110.000 Q4 .000 INVERT-3 2937.650 INVERT-4 .000 PHI 3 62.000 PHI 4 .000
RADIUS .000 ANGLE .000

ELEMENT NO 5 IS A REACH
U/S DATA STATION 1169.430 INVERT 2939.850 SECT 42 N .013 RADIUS .000 ANGLE .000 ANG PT 15.000 MAN H 1

ELEMENT NO 6 IS A REACH
U/S DATA STATION 1169.440 INVERT 2939.860 SECT 42 N .013 RADIUS .000 ANGLE .000 ANG PT 15.000 MAN H 0

ELEMENT NO 7 IS A REACH
U/S DATA STATION 1169.450 INVERT 2939.870 SECT 42 N .013 RADIUS .000 ANGLE .000 ANG PT 12.000 MAN H 0

ELEMENT NO 8 IS A REACH
U/S DATA STATION 1238.630 INVERT 2941.000 SECT 42 N .013 RADIUS .000 ANGLE .000 ANG PT .000 MAN H 0

ELEMENT NO 9 IS A SYSTEM HEADWORKS
U/S DATA STATION 1238.630 INVERT 2941.000 SECT 42 W S ELEV .000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SHAUMBER WASH CULVERT CROSSING MODEL "USHA2a" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2933.000	3.023	2936.022	230.00	20.25	6.37	2942.39	.00	4.20	4.23	4.500	.000	.00	1 .0
4.986	.0336					.0216	.11	3.02	2.18	2.61	.013	.00	.00	PIPE
1004.986	2933.167	3.038	2936.206	230.00	20.13	6.29	2942.50	.00	4.20	4.21	4.500	.000	.00	1 .0
33.075	.0336					.0203	.67	3.04	2.15	2.61	.013	.00	.00	PIPE
1038.061	2934.277	3.172	2937.450	230.00	19.19	5.72	2943.17	.00	4.20	4.10	4.500	.000	.00	1 .0
24.327	.0336					.0181	.44	3.17	1.98	2.61	.013	.00	.00	PIPE
1062.388	2935.094	3.317	2938.411	230.00	18.30	5.20	2943.61	.00	4.20	3.96	4.500	.000	.00	1 .0
18.163	.0336					.0163	.30	3.32	1.81	2.61	.013	.00	.00	PIPE
1080.551	2935.704	3.476	2939.179	230.00	17.45	4.73	2943.91	.00	4.20	3.77	4.500	.000	.00	1 .0
13.413	.0336					.0147	.20	3.48	1.65	2.61	.013	.00	.00	PIPE
1093.964	2936.154	3.652	2939.806	230.00	16.64	4.30	2944.10	.00	4.20	3.52	4.500	.000	.00	1 .0
9.337	.0336					.0133	.12	3.65	1.48	2.61	.013	.00	.00	PIPE
1103.301	2936.467	3.854	2940.321	230.00	15.86	3.91	2944.23	.00	4.20	3.16	4.500	.000	.00	1 .0
5.139	.0336					.0123	.06	3.85	1.30	2.61	.013	.00	.00	PIPE
1108.440	2936.640	4.100	2940.740	230.00	15.12	3.55	2944.29	.00	4.20	2.56	4.500	.000	.00	1 .0
.010	1.0000					.0119	.00	4.10	1.09	1.04	.013	.00	.00	PIPE
1108.450	2936.650	4.200	2940.850	230.00	14.89	3.44	2944.29	.00	4.20	2.24	4.500	.000	.00	1 .0
JUNCT STR	.0000					.0130	.00	4.20	1.00		.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SHAUMBER WASH CULVERT CROSSING MODEL "USHA2a" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1108.450	2937.650	6.512	2944.162	120.00	12.47	2.42	2946.58	.00	3.25	.00	3.500	.000	.00	1 .0
60.980	.0361					.0142	.87	6.51	.00	2.01	.013	.00	.00	PIPE
1169.430	2939.850	5.420	2945.270	120.00	12.47	2.42	2947.69	.00	3.25	.00	3.500	.000	.00	1 .0
1169.440	2939.860	5.530	2945.390	120.00	12.47	2.42	2947.81	.00	3.25	.00	3.500	.000	.00	1 .0
.010	1.0000					.0142	.00	5.53	.00	.82	.013	.00	.00	PIPE
1169.450	2939.870	5.616	2945.486	120.00	12.47	2.42	2947.90	.00	3.25	.00	3.500	.000	.00	1 .0
69.180	.0163					.0142	.98	5.62	.00	2.68	.013	.00	.00	PIPE
1238.630	2941.000	5.470	2946.470	120.00	12.47	2.42	2948.89	.00	3.25	.00	3.500	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

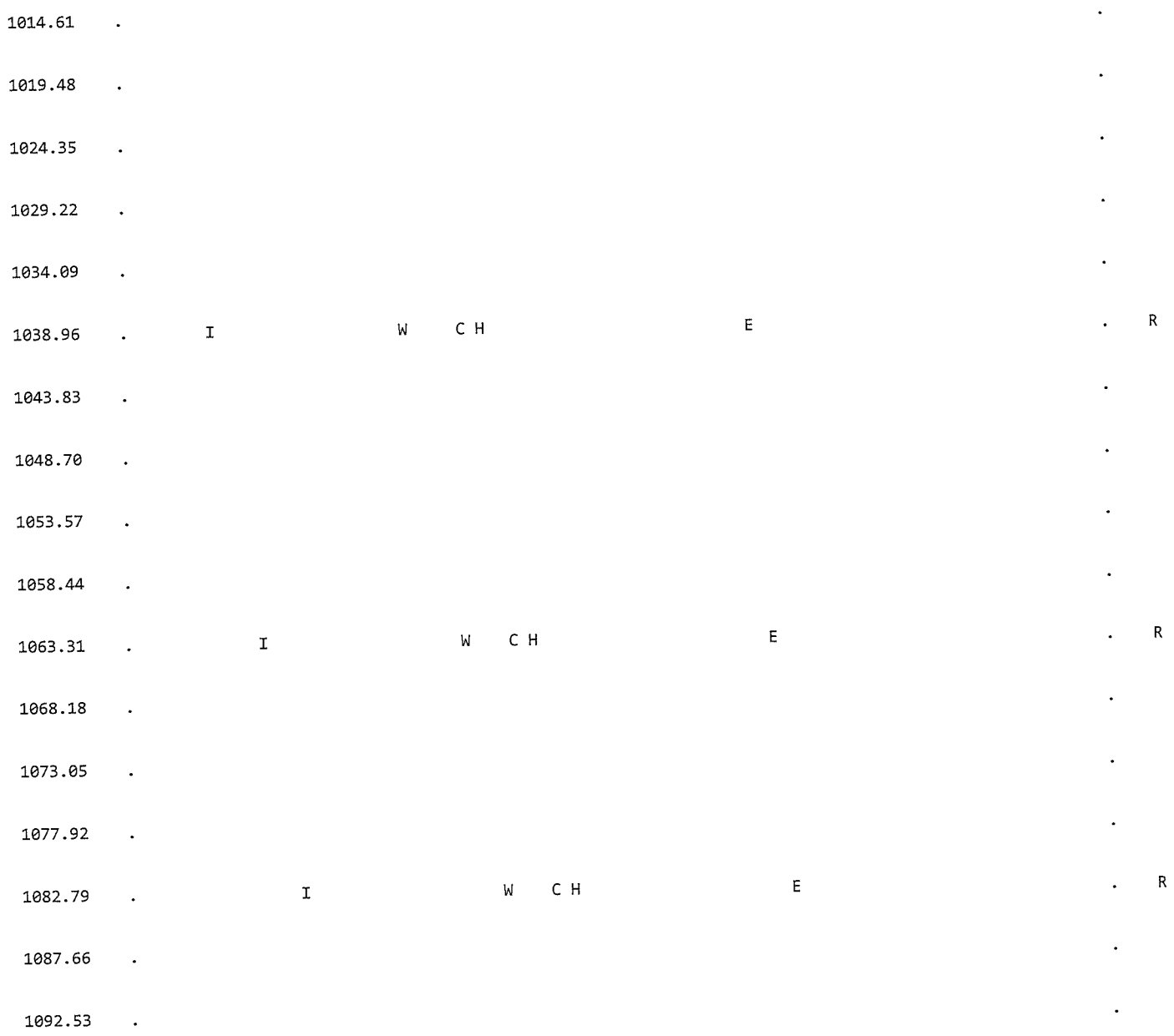
BY OLYMPIA COMPANIES

SHAUMBER WASH CULVERT CROSSING MODEL "USHA2a" (ULTIMATE CONDITION)

1000.00 .I W C H E . R

1004.87 .

1009.74 . I W C H E . R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I
W
C H
E
R
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1053.57
1058.44
1063.31
I
W
C H
E
R
1068.18
1073.05
1077.92
1082.79
I
W
C H
E
R
1087.66
1092.53

```
1097.40   .          I                W   C H                E                    .   R

1102.27   .                                                                         .

1107.14   .            I                  W C H               E                    .   R

1112.01   .             I                   WC H               E                    .   R

1116.88   .             I                    W H               E                    .   JX

1121.75   .                   I              C H              W          E         .   R

1126.62   .                                                                         .

1131.49   .                                                                         .

1136.36   .                                                                         .

1141.23   .                                                                         .

1146.10   .                                                                         .

1150.97   .                                                                         .

1155.84   .                                                                         .

1160.71   .                                                                         .

1165.58   .                                                                         .

1170.45   .                              I                C H         W          E    .   R

1175.32   .                              I                C H         W          E    .   R
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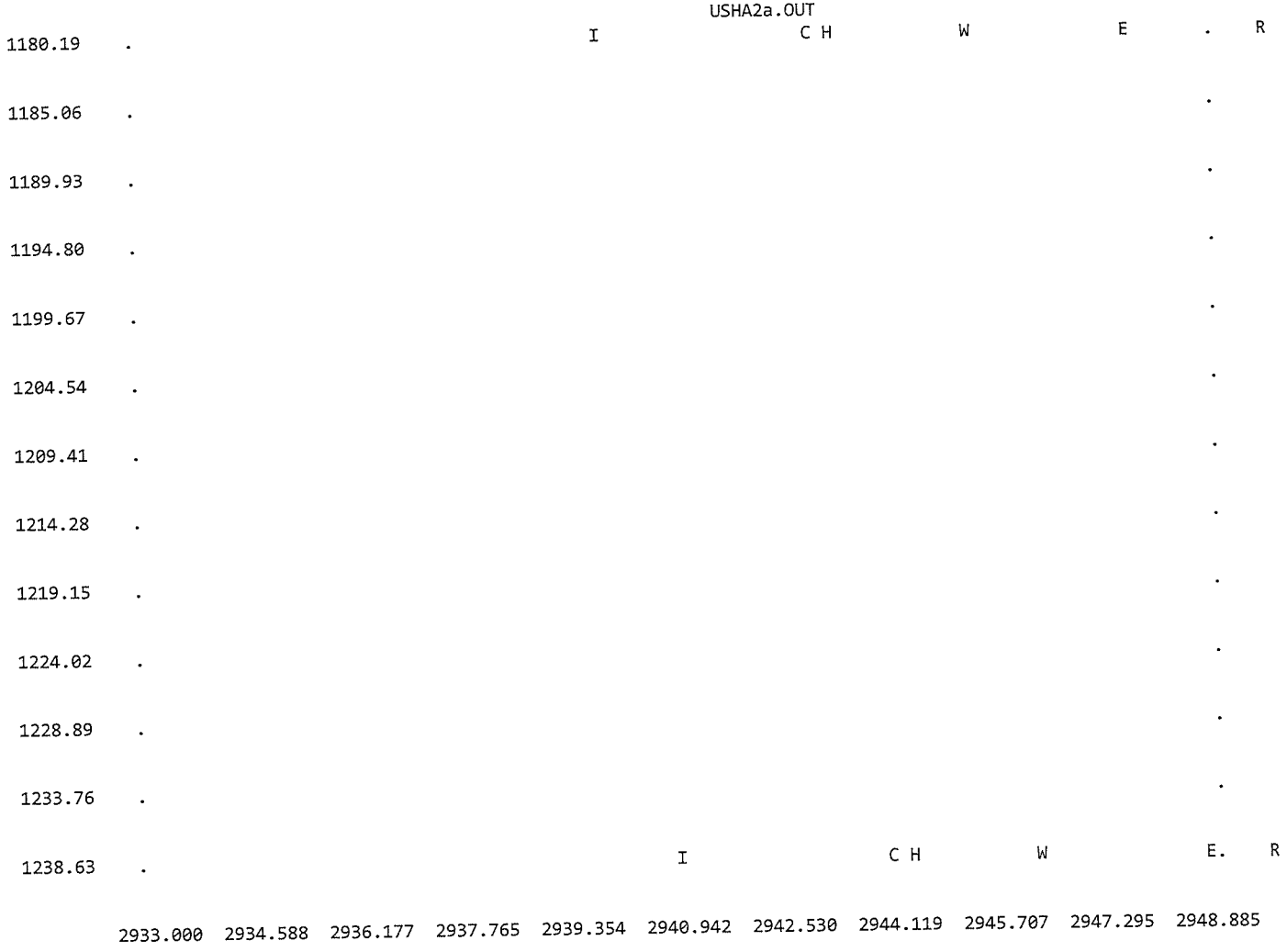

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL

E = ENERGY GRADE LINE
X = CURVES CROSSING OVER
B = BRIDGE ENTRANCE OR EXIT
Y = WALL ENTRANCE OR EXIT

2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Interim Condition WSPG Summary

Center Mainline in Shaumber Road along the West Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	N/A	LAT-01	54" RCP	2933.00	176.00	2935.49	19.50	2937.50	OK
1108.44	52+26.62	LAT-01	54" RCP	2936.64	176.00	2939.66	15.50	2952.76	OK
1108.45	52+26.62	LAT-01	54" RCP	2936.65	176.00	2939.68	15.46	2952.76	OK
1108.45	52+26.62	LAT-01	42" RCP	2937.65	136.00	2940.22	17.97	2952.76	OK
1169.43	52+26.62	LAT-01	42" RCP	2939.85	136.00	2943.01	14.88	2952.84	OK
1169.44	52+26.62	LAT-01	42" RCP	2939.86	136.00	2943.04	14.82	2952.84	OK
1169.45	52+26.62	LAT-01	42" RCP	2939.87	136.00	2943.07	14.75	2952.84	OK
1238.63	N/A	LAT-01	42" RCP	2941.00	136.00	2944.34	14.38	N/A	N/A

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T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SHAUMBER WASH CULVERT CROSSING MODEL "SHA2a"
SO   1000.0002933.000 54      .013                2937.50
R    1108.4402936.640 54      .013                                    15.00 1
R    1108.4502936.650 54      .013                                    14.00
JX   1108.4502937.650 42 42   .013   40.00          2937.650        62.0
R    1169.4302939.850 42      .013                                    15.00 1
R    1169.4402939.860 42      .013                                    15.00
R    1169.4502939.870 42      .013                                    12.00
R    1238.6302941.000 42      .013
SH   1238.6302941.000 42      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q           136.000   .0
```

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -
SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -
BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -
SHAUMBER WASH CULVERT CROSSING MODEL "SHA2a"

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1000.000	2933.000	54	2937.500

ELEMENT NO 2 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1108.440	2936.640	54	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1108.450	2936.650	54	.013	.000	.000	14.000	0

ELEMENT NO 4 IS A JUNCTION

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1108.450	2937.650	42	42	0	.013	40.000	.000	2937.650	.000	62.000	.000

RADIUS	ANGLE
.000	.000

ELEMENT NO 5 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1169.430	2939.850	42	.013	.000	.000	15.000	1

ELEMENT NO 6 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1169.440	2939.860	42	.013	.000	.000	15.000	0

ELEMENT NO 7 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1169.450	2939.870	42	.013	.000	.000	12.000	0

ELEMENT NO 8 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1238.630	2941.000	42	.013	.000	.000	.000	0

ELEMENT NO 9 IS A SYSTEM HEADWORKS

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1238.630	2941.000	42	.000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER WASH CULVERT CROSSING MODEL "SHA2a"

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
1000.000	2933.000	2.489	2935.489	176.00	19.50	5.90	2941.39	.00	3.85	4.47	4.500	.000	.00	1 .0
30.989	.0336					.0218	.68	2.49	2.42	2.22	.013	.00	.00	PIPE
1030.989	2934.040	2.570	2936.610	176.00	18.75	5.46	2942.07	.00	3.85	4.45	4.500	.000	.00	1 .0
27.948	.0336					.0195	.54	2.57	2.28	2.22	.013	.00	.00	PIPE
1058.937	2934.978	2.673	2937.651	176.00	17.88	4.96	2942.61	.00	3.85	4.42	4.500	.000	.00	1 .0
20.957	.0336					.0173	.36	2.67	2.11	2.22	.013	.00	.00	PIPE
1079.894	2935.682	2.782	2938.464	176.00	17.05	4.51	2942.98	.00	3.85	4.37	4.500	.000	.00	1 .0
16.088	.0336					.0153	.25	2.78	1.95	2.22	.013	.00	.00	PIPE
1095.983	2936.222	2.898	2939.120	176.00	16.25	4.10	2943.22	.00	3.85	4.31	4.500	.000	.00	1 .0
12.457	.0336					.0136	.17	2.90	1.81	2.22	.013	.00	.00	PIPE
1108.440	2936.640	3.022	2939.662	176.00	15.50	3.73	2943.39	.00	3.85	4.23	4.500	.000	.00	1 .0
.010	1.0000					.0127	.00	3.02	1.67	.91	.013	.00	.00	PIPE
1108.450	2936.650	3.028	2939.678	176.00	15.46	3.71	2943.39	.00	3.85	4.22	4.500	.000	.00	1 .0
JUNCT STR	.0000					.0179	.00	3.03	1.66		.013	.00	.00	PIPE
1108.450	2937.650	2.568	2940.219	136.00	17.97	5.02	2945.24	.00	3.34	3.09	3.500	.000	.00	1 .0
23.042	.0361					.0220	.51	2.57	2.03	2.18	.013	.00	.00	PIPE
1131.492	2938.481	2.686	2941.167	136.00	17.17	4.58	2945.74	.00	3.34	2.96	3.500	.000	.00	1 .0
17.329	.0361					.0199	.34	2.69	1.85	2.18	.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SHAUMBER WASH CULVERT CROSSING MODEL "SHA2a"

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1148.821	2939.107	2.821	2941.927	136.00	16.37	4.16	2946.09	.00	3.34	2.77	3.500	.000	.00	1 .0
12.445	.0361					.0180	.22	2.82	1.67	2.18	.013	.00	.00	PIPE
1161.266	2939.556	2.974	2942.530	136.00	15.61	3.78	2946.31	.00	3.34	2.50	3.500	.000	.00	1 .0
8.164	.0361					.0166	.14	2.97	1.47	2.18	.013	.00	.00	PIPE
1169.430	2939.850	3.159	2943.009	136.00	14.88	3.44	2946.45	.00	3.34	2.08	3.500	.000	.00	1 .0
.010	1.0123					.0160	.00	3.16	1.25	.87	.013	.00	.00	PIPE
1169.440	2939.860	3.178	2943.038	136.00	14.82	3.41	2946.45	.00	3.34	2.02	3.500	.000	.00	1 .0
.010	1.0000					.0159	.00	3.18	1.23	.87	.013	.00	.00	PIPE
1169.450	2939.870	3.198	2943.069	136.00	14.75	3.38	2946.45	.00	3.34	1.96	3.500	.000	.00	1 .0
69.180	.0163					.0159	1.10	3.20	1.20	3.10	.013	.00	.00	PIPE
1238.630	2941.000	3.337	2944.337	136.00	14.38	3.21	2947.55	.00	3.34	1.47	3.500	.000	.00	1 .0

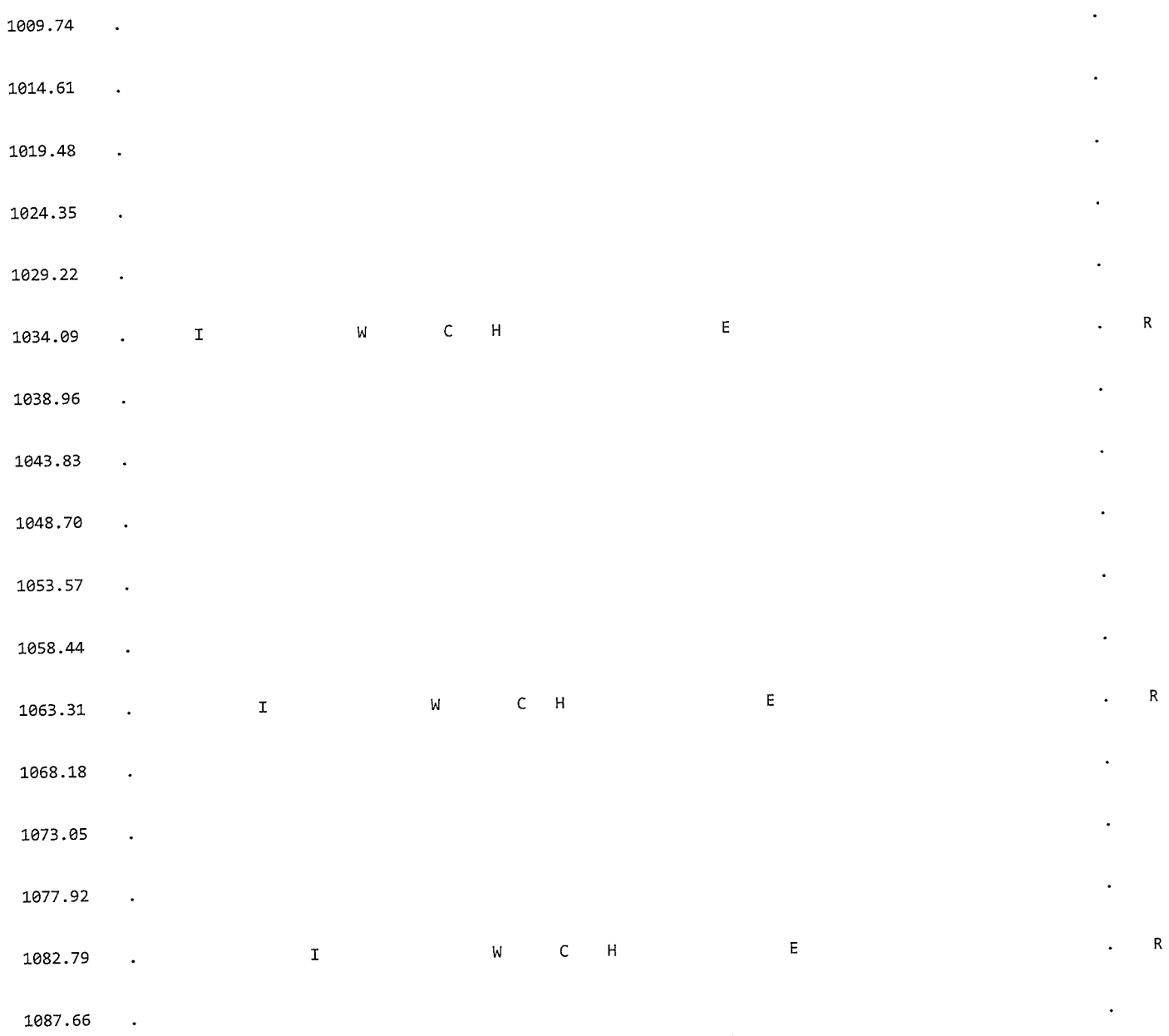
SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER WASH CULVERT CROSSING MODEL "SHA2a"

1000.00 .I W C H E . R

1004.87 .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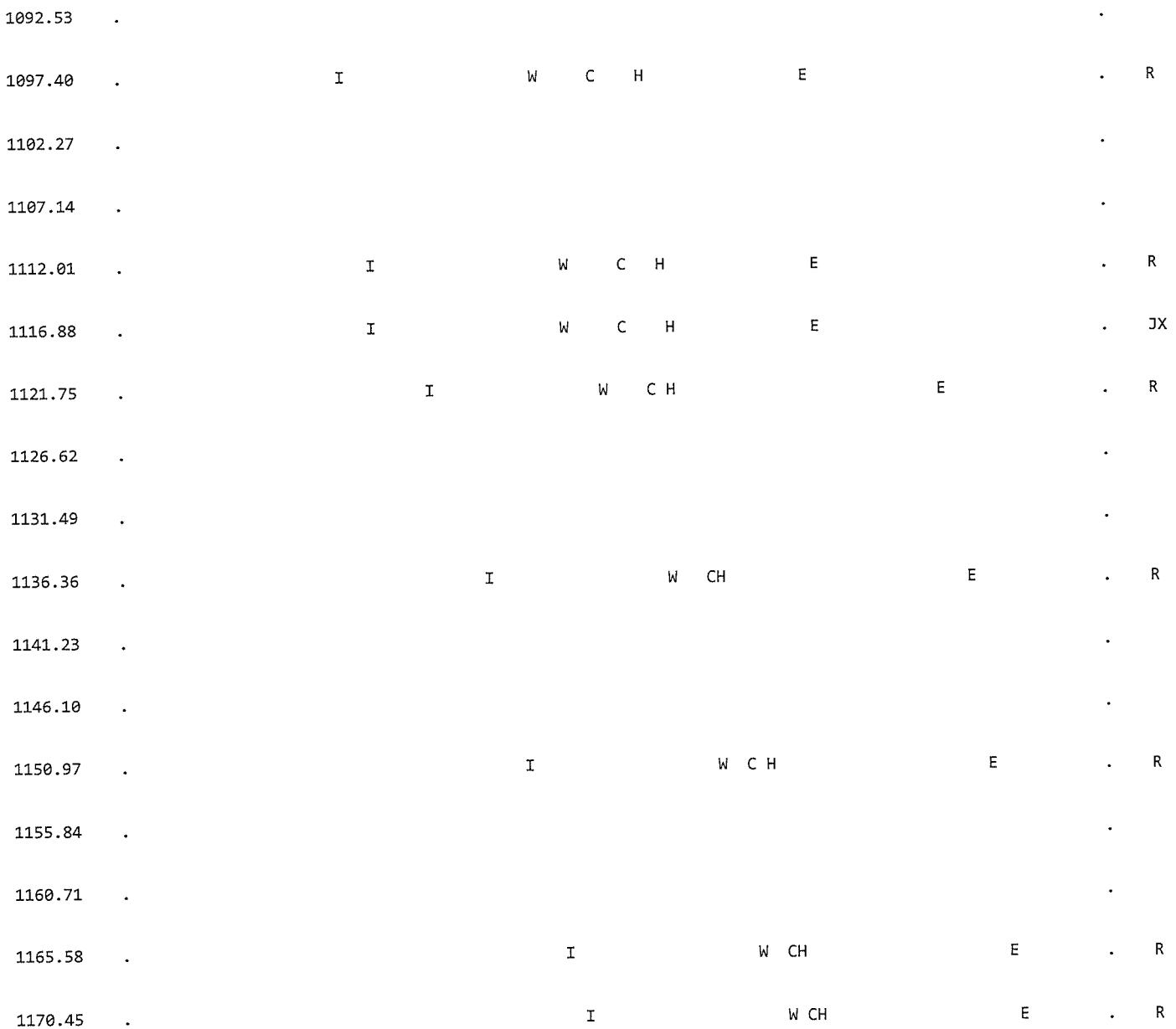
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I W C H E R
1126.62
1131.49
1136.36
I W CH E R
1141.23
1146.10
1150.97
I W C H E R
1155.84
1160.71
1165.58
I W CH E R
1170.45
I W CH E R

```
1175.32   .                                   I                   WCH                   E        .   R

1180.19   .                                   I                   WCH                   E        .   R

1185.06   .                                                                                        .

1189.93   .                                                                                        .

1194.80   .                                                                                        .

1199.67   .                                                                                        .

1204.54   .                                                                                        .

1209.41   .                                                                                        .

1214.28   .                                                                                        .

1219.15   .                                                                                        .

1224.02   .                                                                                        .

1228.89   .                                                                                        .

1233.76   .                                                                                        .

1238.63   .                                           I                   W H                   E.   R

          2933.000  2934.455  2935.909  2937.364  2938.818  2940.273  2941.728  2943.182  2944.637  2946.091  2947.547
```

N O T E S
1. GLOSSARY

I = INVERT ELEVATION
C = CRITICAL DEPTH
W = WATER SURFACE ELEVATION
S = SUPER-ELEVATION
H = HEIGHT OF CHANNEL
E = ENERGY GRADE LINE
X = CURVES CROSSING OVER
B = BRIDGE ENTRANCE OR EXIT
Y = WALL ENTRANCE OR EXIT

2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Ultimate Condition WSPG Summary

Center Mainline in Shaumber Road along the West Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1108.45	52+26.62	PP-05	42" RCP	2937.65	120.00	2944.16	12.47	2952.76	OK
1205.36	51+28.97	PP-05	42" RCP	2945.02	120.00	2948.27	12.88	2954.63	OK
1205.36	51+28.97	PP-05	36" RCP	2945.52	58.00	2951.58	8.21	2954.63	OK
1554.88	47+78.45	PP-05	36" RCP	2952.26	58.00	2953.86	15.10	2961.51	OK
1554.88	47+78.45	PP-05	30" RCP	2952.76	58.00	2955.14	12.03	2961.51	OK
1874.55	44+58.79	PP-04	30" RCP	2955.96	58.00	2961.71	11.82	2967.88	OK
2047.87	42+85.54	PP-04	30" RCP	2957.69	58.00	2965.28	11.82	2971.37	OK
2147.12	41+86.29	PP-04	30" RCP	2960.17	58.00	2967.37	11.82	2973.47	OK
2206.53	41+27.32	PP-04	30" RCP	2963.03	43.00	2970.06	8.76	2974.64	OK
2206.54	41+27.32	PP-04	30" RCP	2963.04	43.00	2970.12	8.76	2974.64	OK
2206.55	41+27.32	PP-04	30" RCP	2963.05	43.00	2970.18	8.76	2974.64	OK
2206.56	41+27.32	PP-04	30" RCP	2963.06	43.00	2970.24	8.76	2974.64	OK
2206.57	41+27.32	PP-04	30" RCP	2963.07	43.00	2970.30	8.76	2974.64	OK
2206.58	41+27.32	PP-04	30" RCP	2963.08	43.00	2970.36	8.76	2974.64	OK
2206.58	41+27.32	PP-04	30" RCP	2963.58	43.00	2968.72	13.69	2974.64	OK
2306.09	N/A	LAT-01	24" RCP	2965.06	43.00	2972.32	13.69	N/A	N/A
2306.09	N/A	LAT-01	24" RCP	2965.06	43.00	2972.32	13.69	N/A	N/A

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SHAUMBER MID MAIN STORM DRAIN ALIGNMENT "USHA2b" (ULTIMATE CONDITION)
SO   1108.4502937.650 42      .013                2944.16
R    1205.3602945.020 42      .013                                                4.00 1
JX   1205.3602945.520 36 30 18.013   57.0      5.0  2946.02 2947.02  73.0 72.0
R    1554.8802952.260 36      .013                                               00.00 1
JX   1554.8802952.760 30      .013
R    1874.5502955.960 30      .013                                                1.00 1
R    2047.8702957.690 30      .013                                               00.00 1
R    2147.1202960.170 30      .013                                               00.00 1
JX   2147.1202960.170 30 18 18.013    7.5      7.5  2961.17 2961.17  85.0 85.0
R    2206.5302963.030 30      .013                                               15.00 1
R    2206.5402963.040 30      .013                                               15.00
R    2206.5502963.050 30      .013                                               15.00
R    2206.5602963.060 30      .013                                               15.00
R    2206.5702963.070 30      .013                                               15.00
R    2206.5802963.080 30      .013                                               15.00
JX   2206.5802963.580 24      .013
R    2306.0902965.060 24      .013
SH   2306.0902965.060 24      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q           43.000   .0
```

FILE: USHA2B.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 1-30-2018 Time: 9:37:21

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														

W S P G W

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

SHAUMBER MID MAIN STORM DRAIN ALIGNMENT "USHA2b" (ULTIMATE CONDITION)

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1108.450	2937.650	42	2944.160

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1205.360	2945.020	42	.013	.000	.000	4.000	1

ELEMENT NO 3 IS A JUNCTION * * * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1205.360	2945.520	36	30	18	.013	57.000	5.000	2946.020	2947.020	73.000	72.000

RADIUS	ANGLE
.000	.000

ELEMENT NO 4 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1554.880	2952.260	36	.013	.000	.000	.000	1

ELEMENT NO 5 IS A JUNCTION * * * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1554.880	2952.760	30	0	0	.013	.000	.000	.000	.000	.000	.000

RADIUS	ANGLE
.000	.000

ELEMENT NO 6 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1874.550	2955.960	30	.013	.000	.000	1.000	1

ELEMENT NO 7 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2047.870	2957.690	30	.013	.000	.000	.000	1

ELEMENT NO 8 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2147.120	2960.170	30	.013	.000	.000	.000	1

ELEMENT NO 9 IS A JUNCTION * * * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	2147.120	2960.170	30	18	18	.013	7.500	7.500	2961.170	2961.170	85.000	85.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 10 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2206.530	2963.030	30	.013	.000	.000	15.000	1

ELEMENT NO 11 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2206.540	2963.040	30	.013	.000	.000	15.000	0

ELEMENT NO 12 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2206.550	2963.050	30	.013	.000	.000	15.000	0

ELEMENT NO 13 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2206.560	2963.060	30	.013	.000	.000	15.000	0

ELEMENT NO 14 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2206.570	2963.070	30	.013	.000	.000	15.000	0

ELEMENT NO 15 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2206.580	2963.080	30	.013	.000	.000	15.000	0

ELEMENT NO 16 IS A JUNCTION

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	2206.580	2963.580	24	0	0	.013	.000	.000	.000	.000	.000	.000

RADIUS	ANGLE
.000	.000

ELEMENT NO 17 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2306.090	2965.060	24	.013	.000	.000	.000	0

ELEMENT NO 18 IS A SYSTEM HEADWORKS

U/S DATA	STATION	INVERT	SECT	W S ELEV
	2306.090	2965.060	24	.000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SHAUMBER MID MAIN STORM DRAIN ALIGNMENT "USHA2b" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1108.450	2937.650	6.510	2944.160	120.00	12.47	2.42	2946.58	.00	3.25	.00	3.500	.000	.00	1 .0
5.022	.0761					.0142	.07	6.51	.00	1.61	.013	.00	.00	PIPE
1113.472	2938.032	6.206	2944.238	120.00	12.47	2.42	2946.65	.00	3.25	.00	3.500	.000	.00	1 .0
HYDRAULIC JUMP														
1113.472	2938.032	1.874	2939.906	120.00	22.88	8.13	2948.03	.00	3.25	3.49	3.500	.000	.00	1 .0
.572	.0761					.0451	.03	1.87	3.29	1.61	.013	.00	.00	PIPE
1114.044	2938.075	1.878	2939.953	120.00	22.83	8.09	2948.04	.00	3.25	3.49	3.500	.000	.00	1 .0
19.636	.0761					.0423	.83	1.88	3.28	1.61	.013	.00	.00	PIPE
1133.680	2939.569	1.951	2941.520	120.00	21.77	7.36	2948.88	.00	3.25	3.48	3.500	.000	.00	1 .0
15.289	.0761					.0374	.57	1.95	3.05	1.61	.013	.00	.00	PIPE
1148.969	2940.731	2.029	2942.760	120.00	20.75	6.69	2949.45	.00	3.25	3.46	3.500	.000	.00	1 .0
12.231	.0761					.0330	.40	2.03	2.83	1.61	.013	.00	.00	PIPE
1161.199	2941.662	2.111	2943.772	120.00	19.79	6.08	2949.85	.00	3.25	3.42	3.500	.000	.00	1 .0
9.954	.0761					.0293	.29	2.11	2.62	1.61	.013	.00	.00	PIPE
1171.153	2942.419	2.198	2944.616	120.00	18.87	5.53	2950.14	.00	3.25	3.38	3.500	.000	.00	1 .0
8.181	.0761					.0259	.21	2.20	2.42	1.61	.013	.00	.00	PIPE
1179.334	2943.041	2.290	2945.331	120.00	17.99	5.02	2950.36	.00	3.25	3.33	3.500	.000	.00	1 .0
6.754	.0761					.0230	.16	2.29	2.24	1.61	.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SHAUMBER MID MAIN STORM DRAIN ALIGNMENT "USHA2b" (ULTIMATE CONDITION)

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
1186.088	2943.554	2.389	2945.943	120.00	17.15	4.57	2950.51	.00	3.25	3.26	3.500	.000	.00	1 .0
5.564	.0761					.0205	.11	2.39	2.06	1.61	.013	.00	.00	PIPE
1191.652	2943.978	2.495	2946.473	120.00	16.35	4.15	2950.63	.00	3.25	3.17	3.500	.000	.00	1 .0
4.545	.0761					.0183	.08	2.50	1.89	1.61	.013	.00	.00	PIPE
1196.197	2944.323	2.611	2946.934	120.00	15.59	3.77	2950.71	.00	3.25	3.05	3.500	.000	.00	1 .0
3.638	.0761					.0165	.06	2.61	1.73	1.61	.013	.00	.00	PIPE
1199.835	2944.600	2.737	2947.337	120.00	14.87	3.43	2950.77	.00	3.25	2.89	3.500	.000	.00	1 .0
2.788	.0761					.0149	.04	2.74	1.57	1.61	.013	.00	.00	PIPE
1202.623	2944.812	2.878	2947.690	120.00	14.17	3.12	2950.81	.00	3.25	2.68	3.500	.000	.00	1 .0
1.919	.0761					.0136	.03	2.88	1.40	1.61	.013	.00	.00	PIPE
1204.542	2944.958	3.042	2948.000	120.00	13.51	2.84	2950.84	.00	3.25	2.36	3.500	.000	.00	1 .0
.818	.0761					.0127	.01	3.04	1.23	1.61	.013	.00	.00	PIPE
1205.360	2945.020	3.249	2948.269	120.00	12.88	2.58	2950.85	.00	3.25	1.81	3.500	.000	.00	1 .0
JUNCT STR	.0000					.0099	.00	3.25	1.00		.013	.00	.00	PIPE
1205.360	2945.520	6.056	2951.576	58.00	8.21	1.05	2952.62	.00	2.47	.00	3.000	.000	.00	1 .0
224.931	.0193					.0076	1.70	6.06	.00	1.72	.013	.00	.00	PIPE
1430.291	2949.857	3.453	2953.310	58.00	8.21	1.05	2954.36	.00	2.47	.00	3.000	.000	.00	1 .0

HYDRAULIC JUMP

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1430.291	2949.857	1.677	2951.534	58.00	14.28	3.16	2954.70	.00	2.47	2.98	3.000	.000	.00	1 .0
51.521	.0193					.0212	1.09	1.68	2.15	1.72	.013	.00	.00	PIPE
1481.812	2950.851	1.665	2952.516	58.00	14.40	3.22	2955.73	.00	2.47	2.98	3.000	.000	.00	1 .0
73.068	.0193					.0228	1.67	1.67	2.18	1.72	.013	.00	.00	PIPE
1554.880	2952.260	1.602	2953.862	58.00	15.10	3.54	2957.40	.00	2.47	2.99	3.000	.000	.00	1 .0
JUNCT STR	.0000					.0208	.00	1.60	2.35		.013	.00	.00	PIPE
1554.880	2952.760	2.379	2955.139	58.00	12.03	2.25	2957.39	.00	2.38	1.07	2.500	.000	.00	1 .0
5.131	.0100					.0181	.09	2.38	1.00	2.50	.013	.00	.00	PIPE
1560.011	2952.811	2.500	2955.311	58.00	11.82	2.17	2957.48	.00	2.38	.00	2.500	.000	.00	1 .0
314.539	.0100					.0195	6.12	2.50	.00	2.50	.013	.00	.00	PIPE
1874.550	2955.960	5.747	2961.707	58.00	11.82	2.17	2963.88	.00	2.38	.00	2.500	.000	.00	1 .0
173.320	.0100					.0200	3.47	5.75	.00	2.50	.013	.00	.00	PIPE
2047.870	2957.690	7.591	2965.281	58.00	11.82	2.17	2967.45	.00	2.38	.00	2.500	.000	.00	1 .0
99.250	.0250					.0200	1.98	7.59	.00	1.84	.013	.00	.00	PIPE
2147.120	2960.170	7.204	2967.374	58.00	11.82	2.17	2969.54	.00	2.38	.00	2.500	.000	.00	1 .0
JUNCT STR	.0000					.0155	.00	7.20	.00		.013	.00	.00	PIPE
2147.120	2960.170	9.122	2969.292	43.00	8.76	1.19	2970.48	.00	2.19	.00	2.500	.000	.00	1 .0
59.410	.0481					.0110	.65	9.12	.00	1.22	.013	.00	.00	PIPE

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 1-30-2018 Time: 9:37:24

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER MID MAIN STORM DRAIN ALIGNMENT "USHA2b" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip

L/Elem	Ch Slope				SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
2206.530	2963.030	7.033	2970.063	43.00	8.76	1.19	2971.25	.00	2.19	.00	2.500	.000	.00	1 .0
.010	1.0000					.0110	.00	7.03	.00	.55	.013	.00	.00	PIPE
2206.540	2963.040	7.082	2970.122	43.00	8.76	1.19	2971.31	.00	2.19	.00	2.500	.000	.00	1 .0
.010	1.0000					.0110	.00	7.08	.00	.55	.013	.00	.00	PIPE
2206.550	2963.050	7.131	2970.181	43.00	8.76	1.19	2971.37	.00	2.19	.00	2.500	.000	.00	1 .0
.010	1.0000					.0110	.00	7.13	.00	.55	.013	.00	.00	PIPE
2206.560	2963.060	7.180	2970.240	43.00	8.76	1.19	2971.43	.00	2.19	.00	2.500	.000	.00	1 .0
.010	1.0000					.0110	.00	7.18	.00	.55	.013	.00	.00	PIPE
2206.570	2963.070	7.230	2970.300	43.00	8.76	1.19	2971.49	.00	2.19	.00	2.500	.000	.00	1 .0
.010	1.0000					.0110	.00	7.23	.00	.55	.013	.00	.00	PIPE
2206.580	2963.080	7.279	2970.359	43.00	8.76	1.19	2971.55	.00	2.19	.00	2.500	.000	.00	1 .0
JUNCT STR	.0000					.0236	.00	7.28	.00		.013	.00	.00	PIPE
2206.580	2963.580	5.144	2968.724	43.00	13.69	2.91	2971.63	.00	1.96	.00	2.000	.000	.00	1 .0
99.510	.0149					.0361	3.60	5.14	.00	2.00	.013	.00	.00	PIPE
2306.090	2965.060	7.259	2972.319	43.00	13.69	2.91	2975.23	.00	1.96	.00	2.000	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER MID MAIN STORM DRAIN ALIGNMENT "USHA2b" (ULTIMATE CONDITION)

1108.45 .I CH W E . R

```
1125.81   . I      CH      W     E                                  .   R
1143.16   . I    W  CH                E                            .   R
1160.52   . I    W  CH                E                            .   R
1177.88   .     I    W  CH              E                          .   R
1195.24   .        I    W  CH              E                       .   R
1212.59   .          I     W  H             E                      .   R
1229.95   .            I     W  CH           E                     .   R
1247.31   .              I     W CH          E                     .   R
1264.66   .               I      W CH         E                    .   R
1282.02   .                I      W CH        E                    .   R
1299.38   .                 I      W CH       E                    .   R
1316.74   .                  I      W H       E                    .   R
1334.09   .                   I      WCH      E                    .   R
1351.45   .                   I       WH      E                    .   R
1368.81   .                   I        H      E                    .   JX
1386.16   .                    I      CH        W E                .   R
1403.52   .                                                         .
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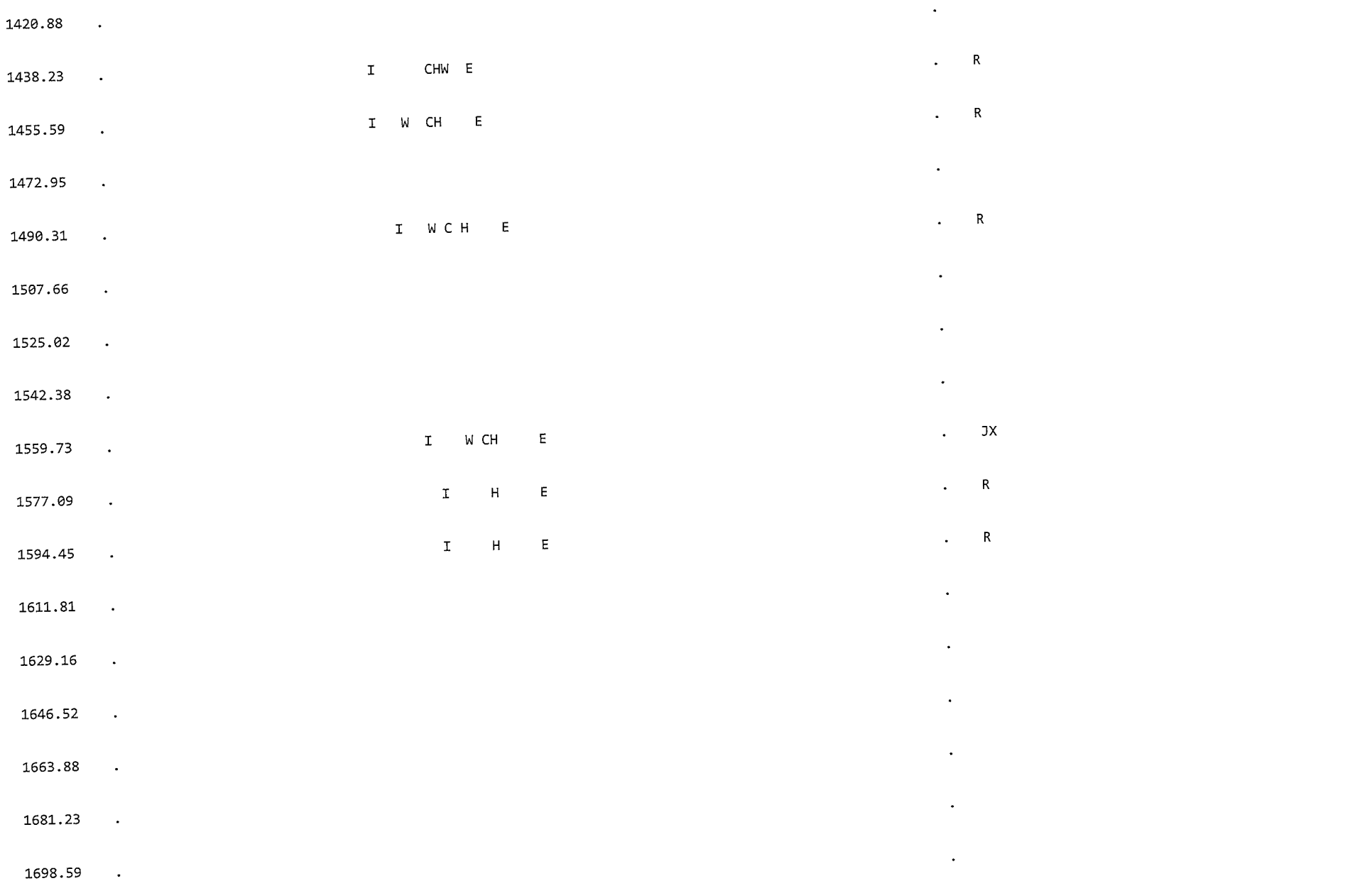
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1594.45
1611.81
1629.16
1646.52
1663.88
1681.23
1698.59
I CHW E
I W CH E
I W C H E
I W CH E
I H E
I H E
R
R
R
JX
R
R

1715.95 .

1733.31 .

1750.66 .

1768.02 .

1785.38 .

1802.73 .

1820.09 .

1837.45 .

1854.81 .

1872.16 .

1889.52 . I H W E . R

1906.88 .

1924.23 .

1941.59 .

1958.95 .

1976.31 .

1993.66 .

| | | |

2306.09 . I CH W E . JX

2937.650 2941.408 2945.166 2948.923 2952.681 2956.439 2960.197 2963.955 2967.712 2971.470 2975.228

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Interim Condition WSPG Summary

Center Mainline South Crossing in Shaumber Road along the West Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
2099.62	N/A	LAT-01	24" RCP	2957.87	44.00	2959.34	17.76	N/A	N/A
2206.58	41+27.32	LAT-01	24" RCP	2963.58	44.00	2965.55	14.06	2974.64	OK
2306.09	41+27.32	LAT-01	24" RCP	2965.06	44.00	2969.33	14.01	N/A	N/A
2306.09	N/A	LAT-01	24" RCP	2965.06	44.00	2969.33	14.01	N/A	N/A

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SHAUMBER WASH CULVERT CROSSING MODEL "SHA2c"
SO   2099.6202957.870 24      .013                2959.87
R    2206.5802963.580 24      .013                          0.00 1
R    2306.0902965.060 24      .013
SH   2306.0902965.060 24      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q            44.000   .0
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FILE: SHA2c.WSW

W S P G W - EDIT LISTING - Version 14.10 Date: 1-29-2018 Time:11:12:14

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														

W S P G W

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

SHAUMBER WASH CULVERT CROSSING MODEL "SHA2c"

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	2099.620	2957.870	24	2959.870

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2206.580	2963.580	24	.013	.000	.000	.000	1

ELEMENT NO 3 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	2306.090	2965.060	24	.013	.000	.000	.000	0

ELEMENT NO 4 IS A SYSTEM HEADWORKS * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	2306.090	2965.060	24	.000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER WASH CULVERT CROSSING MODEL "SHA2c"

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
2099.620	2957.870	1.472	2959.342	44.00	17.76	4.90	2964.24	.00	1.97	1.76	2.000	.000	.00	1 .0
42.623	.0534					.0454	1.94	1.47	2.64	1.41	.013	.00	.00	PIPE
2142.243	2960.146	1.535	2961.680	44.00	17.01	4.49	2966.17	.00	1.97	1.69	2.000	.000	.00	1 .0
27.024	.0534					.0411	1.11	1.53	2.42	1.41	.013	.00	.00	PIPE
2169.267	2961.588	1.612	2963.200	44.00	16.22	4.08	2967.28	.00	1.97	1.58	2.000	.000	.00	1 .0
17.672	.0534					.0373	.66	1.61	2.18	1.41	.013	.00	.00	PIPE
2186.938	2962.531	1.699	2964.231	44.00	15.46	3.71	2967.94	.00	1.97	1.43	2.000	.000	.00	1 .0
12.237	.0534					.0344	.42	1.70	1.93	1.41	.013	.00	.00	PIPE
2199.175	2963.185	1.805	2964.990	44.00	14.74	3.38	2968.37	.00	1.97	1.19	2.000	.000	.00	1 .0
7.405	.0534					.0337	.25	1.81	1.64	1.41	.013	.00	.00	PIPE
2206.580	2963.580	1.967	2965.547	44.00	14.06	3.07	2968.61	.00	1.97	.51	2.000	.000	.00	1 .0
.554	.0149					.0349	.02	1.97	1.00	2.00	.013	.00	.00	PIPE
2207.134	2963.588	2.000	2965.588	44.00	14.01	3.05	2968.63	.00	1.97	.00	2.000	.000	.00	1 .0
98.956	.0149					.0367	3.63	2.00	.00	2.00	.013	.00	.00	PIPE
2306.090	2965.060	4.272	2969.332	44.00	14.01	3.05	2972.38	.00	1.97	.00	2.000	.000	.00	1 .0

SHAUMBER WASH CULVERT CROSSING MODEL "SHA2c"

2099.62 .I W H E . R

2103.83 .

2108.05 .

2112.26 .

2116.47 .

2120.69 .

2124.90 .

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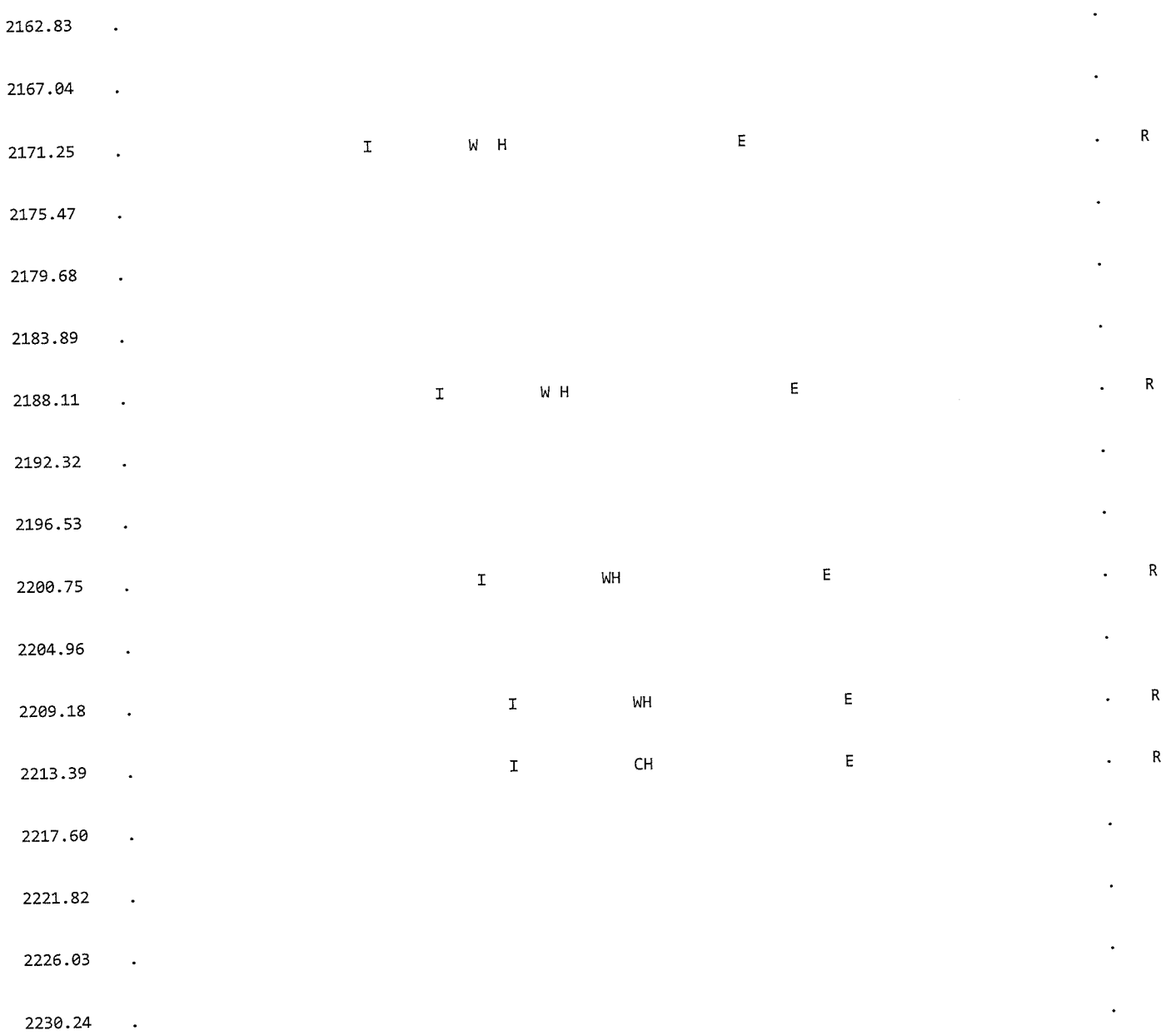
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2200.75
I WH E R
2204.96
2209.18
I WH E R
2213.39
I CH E R
2217.60
2221.82
2226.03
2230.24

2234.46 .

2238.67 .

2242.89 .

2247.10 .

2251.31 .

2255.53 .

2259.74 .

2263.95 .

2268.17 .

2272.38 .

2276.59 .

2280.81 .

2285.02 .

2289.24 .

2293.45 .

2297.66 .

2301.88 .

2306.09	.					I	H	W		E.	R
	2957.870	2959.321	2960.771	2962.222	2963.673	2965.124	2966.574	2968.025	2969.476	2970.926	2972.378

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Shaumber Road

USHA2b-Lateral

Ultimate Condition WSPG Summary

Lateral to the Center Mainline in Shaumber Road along the West Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	51+28.97	LAT-01	30" RCP	2946.02	57.00	2951.58	11.61	2954.63	OK
1051.79	51+10.89	LAT-01	30" RCP	2948.04	57.00	2952.75	11.61	2954.33	OK
1051.79	51+10.89	LAT-01	30" RCP	2948.04	52.00	2953.45	10.59	2954.33	HGL<1' Below FG
1087.95	N/A	LAT-01	30" RCP	2949.46	52.00	2954.03	10.59	N/A	N/A
1087.95	N/A	LAT-01	30" RCP	2949.46	52.00	2954.03	10.59	N/A	N/A

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SHAUMBER MID MAIN STORM DRAIN ALIGNMENT Lateral Stub "USHA2b-L" (ULTIMATE CONDITION)
SO   1000.0002946.020 30      .013                2951.58
R    1051.7902948.040 30      .013                                          9.50 1
JX   1051.7902948.040 30 30   .013    5.00          2948.040         90.0
R    1087.9502949.460 30      .013
SH   1087.9502949.460 30      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q            52.000   .0
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FILE: USHA2b-L.WSW

W S P G W - EDIT LISTING - Version 14.10 Date: 1-30-2018 Time: 9:54:32

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														

W S P G W

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

SHAUMBER MID MAIN STORM DRAIN ALIGNMENT Lateral Stub "USHA2b-L" (ULTIMATE

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

	STATION	INVERT	SECT	W S ELEV
U/S DATA	1000.000	2946.020	30	2951.580

ELEMENT NO 2 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1051.790	2948.040	30	.013	.000	.000	9.500	1

ELEMENT NO 3 IS A JUNCTION * * * * * *

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1051.790	2948.040	30	30	0	.013	5.000	.000	2948.040	.000	90.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 4 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1087.950	2949.460	30	.013	.000	.000	.000	0

ELEMENT NO 5 IS A SYSTEM HEADWORKS * *

	STATION	INVERT	SECT	W S ELEV
U/S DATA	1087.950	2949.460	30	.000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SHAUMBER MID MAIN STORM DRAIN ALIGNMENT Lateral Stub "USHA2b-L" (ULTIM

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
1000.000	2946.020	5.560	2951.580	57.00	11.61	2.09	2953.67	.00	2.37	.00	2.500	.000	.00	1 .0
51.790	.0390					.0193	1.00	5.56	.00	1.55	.013	.00	.00	PIPE
1051.790	2948.040	4.711	2952.750	57.00	11.61	2.09	2954.84	.00	2.37	.00	2.500	.000	.00	1 .0
JUNCT STR	.0000					.0177	.00	4.71	.00		.013	.00	.00	PIPE
1051.790	2948.040	5.413	2953.453	52.00	10.59	1.74	2955.20	.00	2.32	.00	2.500	.000	.00	1 .0
36.160	.0393					.0161	.58	5.41	.00	1.45	.013	.00	.00	PIPE
1087.950	2949.460	4.574	2954.034	52.00	10.59	1.74	2955.78	.00	2.32	.00	2.500	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER MID MAIN STORM DRAIN ALIGNMENT Lateral Stub "USHA2b-L" (ULTIM

1000.00 .I CH W E . R

1001.79 .

1003.59 .

1005.38 .

1007.18 .

1008.97 .

1010.77 .

1012.56 .

1014.36 .

1016.15 .

1017.95 .

1019.74 .

1021.54 .

1023.33 .

1025.13 .

1026.92 .

1028.72 .

1030.51 .

1032.31 .

1034.10 .

1035.90 .

1037.69 .

1039.49 .

1041.28 .

1043.08 .

1044.87 .

1046.67 .

1048.46 .

1050.26 .

1052.05 . I CH W E . JX

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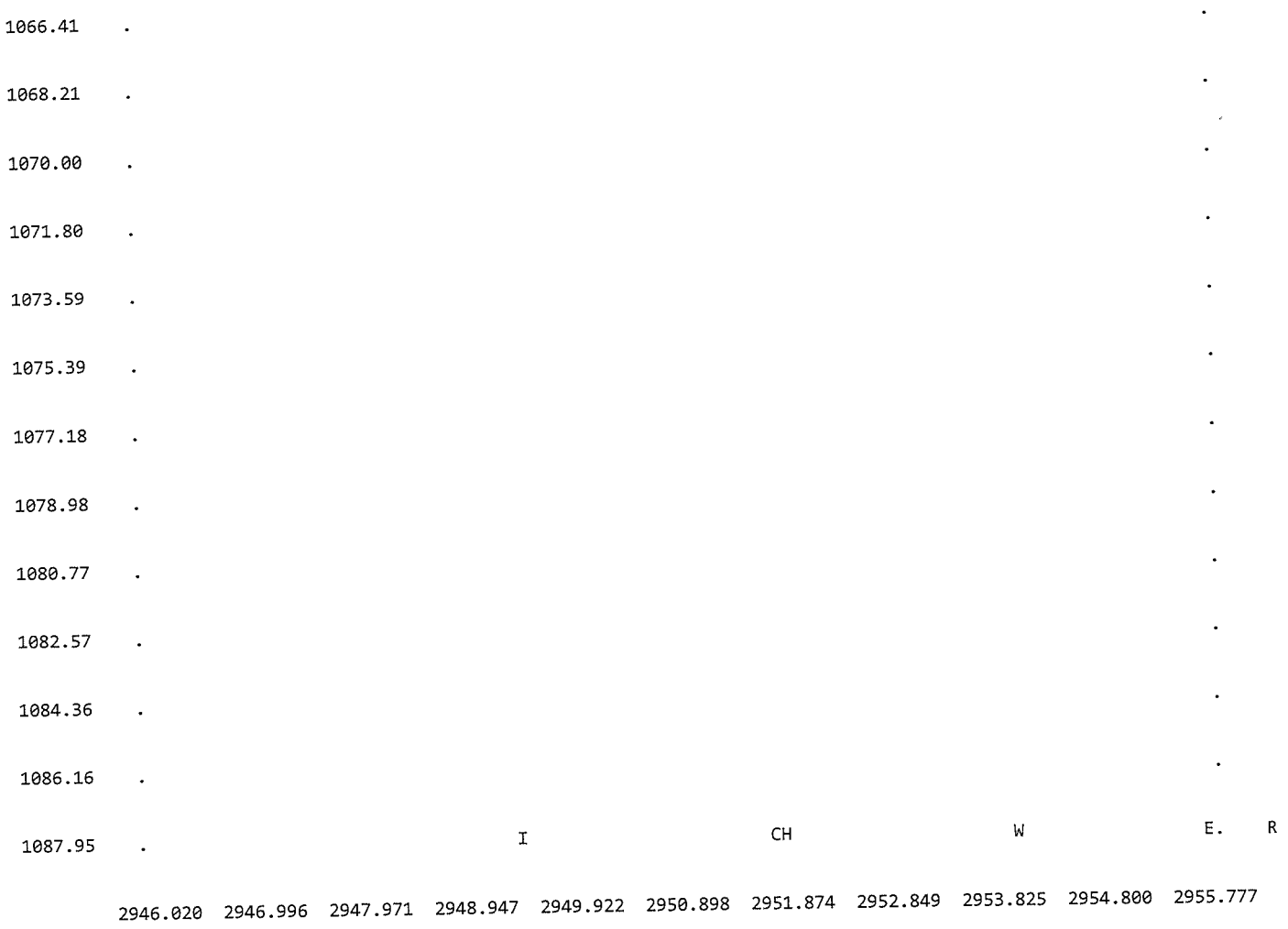

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL

E = ENERGY GRADE LINE
X = CURVES CROSSING OVER
B = BRIDGE ENTRANCE OR EXIT
Y = WALL ENTRANCE OR EXIT

2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Shaumber Road

USHA3-North Alignment

Interim Condition WSPG Summary

North Mainline in Shaumber Road along the West Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	106+42.59	PP-08	42" RCP	2924.06	119.00	2928.91	12.37	2934.64	OK
1057.81	67+76.45	PP-08	42" RCP	2925.44	119.00	2929.96	12.37	2936.05	OK
1057.82	67+76.45	PP-08	42" RCP	2925.45	119.00	2930.07	12.37	2936.05	OK
1057.83	67+76.45	PP-08	42" RCP	2925.46	119.00	2930.19	12.37	2936.05	OK
1090.68	67+43.6	PP-08	42" RCP	2925.79	119.00	2930.65	12.37	2936.41	OK
1090.68	67+43.6	PP-08	42" RCP	2925.79	106.00	2931.62	11.02	2936.41	OK
1160.77	66+73.39	PP-08	42" RCP	2926.44	106.00	2932.58	11.02	2937.12	OK
1160.79	66+73.39	PP-08	42" RCP	2926.46	106.00	2932.77	11.02	2937.12	OK
1160.80	66+73.39	PP-08	42" RCP	2926.47	106.00	2932.86	11.02	2937.12	OK
1160.81	66+73.39	PP-08	42" RCP	2926.48	106.00	2932.96	11.02	2937.12	OK
1160.82	66+73.39	PP-08	42" RCP	2926.49	106.00	2933.05	11.02	2937.12	OK
1263.14	N/A	LAT-01	42" RCP	2928.10	106.00	2934.19	11.02	N/A	N/A
1263.14	N/A	LAT-01	42" RCP	2928.10	106.00	2934.19	11.02	N/A	N/A

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T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SHAUMBER NORTH STORM DRAIN ALIGNMENT MODEL "USHA3" (ULTIMATE CONDITION)
SO   1000.0002924.060 42      .013                  2928.65
R    1057.8102925.440 42      .013                                                15.00 1
R    1057.8202925.450 42      .013                                                15.00
R    1057.8302925.460 42      .013                                                15.00
R    1090.6802925.790 42      .013                                                00.00
JX   1090.6802925.790 42 18 18.013    6.5      6.5  2927.79 2927.79  85.0 85.0
R    1160.7702926.440 42      .013                                                15.00 1
R    1160.7802926.450 42      .013                                                15.00
R    1160.7902926.460 42      .013                                                15.00
R    1160.8002926.470 42      .013                                                15.00
R    1160.8102926.480 42      .013                                                15.00
R    1160.8202926.490 42      .013                                                15.00
R    1263.1402928.100 42      .013                                                00.00
SH   1263.1402928.100 42      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q           106.000   .0
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FILE: USHA3.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 2- 2-2018 Time: 4:35: 8

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING PAGE 1

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														

W S P G W PAGE NO 1

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

SHAUMBER NORTH STORM DRAIN ALIGNMENT MODEL "USHA3" (ULTIMATE CONDITION)

W S P G W PAGE NO 2

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

	STATION	INVERT	SECT	W S ELEV
U/S DATA	1000.000	2924.060	42	2928.650

ELEMENT NO 2 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1057.810	2925.440	42	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1057.820	2925.450	42	.013	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1057.830	2925.460	42	.013	.000	.000	15.000	0

ELEMENT NO 5 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1090.680	2925.790	42	.013	.000	.000	.000	0

ELEMENT NO 6 IS A JUNCTION * * * * * *

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1090.680	2925.790	42	18	18	.013	6.500	6.500	2927.790	2927.790	85.000	85.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 7 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1160.770	2926.440	42	.013	.000	.000	15.000	1

ELEMENT NO 8 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1160.780	2926.450	42	.013	.000	.000	15.000	0

ELEMENT NO 9 IS A REACH * * *

	U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
		1160.790	2926.460	42	.013	.000	.000	15.000	0
ELEMENT NO 10 IS A REACH		*	*	*					
	U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
		1160.800	2926.470	42	.013	.000	.000	15.000	0
ELEMENT NO 11 IS A REACH		*	*	*					
	U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
		1160.810	2926.480	42	.013	.000	.000	15.000	0

ELEMENT NO 12 IS A REACH		*	*	*					
	U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
		1160.820	2926.490	42	.013	.000	.000	15.000	0
ELEMENT NO 13 IS A REACH		*	*	*					
	U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
		1263.140	2928.100	42	.013	.000	.000	.000	0
ELEMENT NO 14 IS A SYSTEM HEADWORKS				*				*	
	U/S DATA	STATION	INVERT	SECT	W S ELEV				
		1263.140	2928.100	42	.000				

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER NORTH STORM DRAIN ALIGNMENT MODEL "USHA3" (ULTIMATE CONDITION

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2924.060	4.590	2928.650	119.00	12.37	2.38	2931.03	.00	3.24	.00	3.500	.000	.00	1 .0
57.810	.0239					.0140	.81	4.59	.00	2.29	.013	.00	.00	PIPE
1057.810	2925.440	4.255	2929.695	119.00	12.37	2.38	2932.07	.00	3.24	.00	3.500	.000	.00	1 .0
1057.820	2925.450	4.363	2929.813	119.00	12.37	2.38	2932.19	.00	3.24	.00	3.500	.000	.00	1 .0
.010	1.0000					.0140	.00	4.36	.00	.81	.013	.00	.00	PIPE
1057.830	2925.460	4.471	2929.930	119.00	12.37	2.38	2932.31	.00	3.24	.00	3.500	.000	.00	1 .0
32.850	.0100					.0140	.46	4.47	.00	3.50	.013	.00	.00	PIPE
1090.680	2925.790	4.600	2930.390	119.00	12.37	2.38	2932.77	.00	3.24	.00	3.500	.000	.00	1 .0
JUNCT STR	.0000					.0125	.00	4.60	.00		.013	.00	.00	PIPE
1090.680	2925.790	5.568	2931.358	106.00	11.02	1.88	2933.24	.00	3.13	.00	3.500	.000	.00	1 .0
70.090	.0093					.0111	.78	5.57	.00	3.50	.013	.00	.00	PIPE
1160.770	2926.440	5.884	2932.323	106.00	11.02	1.88	2934.21	.00	3.13	.00	3.500	.000	.00	1 .0
.010	1.0000					.0111	.00	5.88	.00	.77	.013	.00	.00	PIPE
1160.780	2926.450	5.967	2932.417	106.00	11.02	1.88	2934.30	.00	3.13	.00	3.500	.000	.00	1 .0
.010	1.0000					.0111	.00	5.97	.00	.77	.013	.00	.00	PIPE
1160.790	2926.460	6.050	2932.510	106.00	11.02	1.88	2934.40	.00	3.13	.00	3.500	.000	.00	1 .0
.010	1.0000					.0111	.00	6.05	.00	.77	.013	.00	.00	PIPE
1160.800	2926.470	6.134	2932.604	106.00	11.02	1.88	2934.49	.00	3.13	.00	3.500	.000	.00	1 .0
.010	1.0000					.0111	.00	6.13	.00	.77	.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SHAUMBER NORTH STORM DRAIN ALIGNMENT MODEL "USHA3" (ULTIMATE CONDITION

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1160.810	2926.480	6.217	2932.698	106.00	11.02	1.88	2934.58	.00	3.13	.00	3.500	.000	.00	1 .0
1160.820	2926.490	6.301	2932.791	106.00	11.02	1.88	2934.68	.00	3.13	.00	3.500	.000	.00	1 .0
102.320	.0157					.0111	1.14	6.30	.00	2.46	.013	.00	.00	PIPE
1263.140	2928.100	5.827	2933.927	106.00	11.02	1.88	2935.81	.00	3.13	.00	3.500	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SHAUMBER NORTH STORM DRAIN ALIGNMENT MODEL "USHA3" (ULTIMATE CONDITION

1000.00 .I C H W E . R

1005.37 .

1010.74 .

1016.11 .

1021.48 .

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1026.85   .                                                                  .
1032.22   .                                                                  .
1037.59   .                                                                  .
1042.96   .                                                                  .
1048.33   .                                                                  .
1053.70   .                                                                  .
1059.07   .          I                C H     W                E             .   R
1064.44   .          I                C H      W                E            .   R
1069.81   .          I                C H       W                E           .   R
1075.18   .                                                                  .
1080.55   .                                                                  .
1085.92   .                                                                  .
1091.29   .             I                C H        W                E        .   JX
1096.66   .             I                C  H                W            E   .   R
1102.03   .                                                                  .
1107.40   .                                                                  .
1112.77   .                                                                  .
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1118.14   .                                                                  .
1123.51   .                                                                  .
1128.88   .                                                                  .
1134.26   .                                                                  .
1139.63   .                                                                  .
1145.00   .                                                                  .
1150.37   .                                                                  .
1155.74   .                                                                  .
1161.11   .          I          C   H          W          E          .   R
1166.48   .          I          C   H          W          E          .   R
1171.85   .          I          C   H          W          E          .   R
1177.22   .          I          C   H          W          E          .   R
1182.59   .          I          C   H          W          E          .   R
1187.96   .          I          C   H          W          E          .   R
1193.33   .                                                                  .
1198.70   .                                                                  .
1204.07   .                                                                  .
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1209.44    .                                                                                                                  .
1214.81    .                                                                                                                  .
1220.18    .                                                                                                                  .
1225.55    .                                                                                                                  .
1230.92    .                                                                                                                  .
1236.29    .                                                                                                                  .
1241.66    .                                                                                                                  .
1247.03    .                                                                                                                  .
1252.40    .                                                                                                                  .
1257.77    .                                                                                                                  .
1263.14    .                                I                          C  H                W                E.    R

           2924.060  2925.235  2926.411  2927.586  2928.761  2929.937  2931.112  2932.287  2933.462  2934.638  2935.812
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N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Iron Mountain Road

UIRM1-Main Alignment

Ultimate Condition WSPG Summary

Mainline in Iron Mountain Road along Northern Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	N/A	PP-08	4' x 8' RCB	2828.13	405	2836.09	12.66	N/A	N/A
1034.90	62+74.79	PP-08	4' x 8' RCB	2830.19	405	2836.73	12.66	2839.62	OK
1034.91	62+74.79	PP-08	4' x 8' RCB	2830.20	405	2836.85	12.66	2839.62	OK
1034.92	62+74.79	PP-08	4' x 8' RCB	2830.21	405	2836.97	12.66	2839.62	OK
1034.93	62+74.79	PP-08	4' x 8' RCB	2830.22	405	2837.02	12.66	2839.62	OK
1034.93	62+74.79	PP-08	4' x 8' RCB	2830.22	405	2837.02	12.66	2839.62	OK
1118.45	62+83.5	PP-08	4' x 8' RCB	2831.64	405	2837.95	12.66	2840.83	OK
1118.45	62+83.5	PP-08	4' x 8' RCB	2831.64	389	2838.34	12.16	2840.83	OK
1217.01	81+06.79	PP-08	4' x 8' RCB	2832.45	389	2839.46	12.16	2841.95	OK
1222.01	81+11.79	PP-08	66" RCP	2832.48	389	2838.60	16.37	2842.02	OK
1222.01	81+11.79	PP-08	66" RCP	2832.48	339	2840.13	14.27	2842.02	OK
1368.40	82+58.64	PP-07	66" RCP	2833.37	339	2842.20	14.27	2845.87	OK
1368.40	82+58.64	PP-07	60" RCP	2833.87	339	2840.75	17.27	2845.87	OK
1713.01	86+04.25	PP-07	60" RCP	2844.81	339	2848.08	24.91	2857.03	OK
2113.01	90+04.25	PP-06	60" RCP	2860.30	339	2863.56	25.03	2872.78	OK
2313.01	92+04.25	PP-06	60" RCP	2868.30	339	2871.63	24.44	2880.79	OK
2524.65	94+15.89	PP-05	60" RCP	2876.27	339	2879.67	23.82	2889.27	OK
2524.65	94+15.89	PP-05	54" RCP	2876.77	279	2879.87	23.91	2889.27	OK
2789.07	96+80.31	PP-05	54" RCP	2887.35	279	2890.45	23.92	2899.85	OK
3096.82	99+88.07	PP-04	54" RCP	2899.68	279	2902.81	23.64	2912.18	OK
3459.07	103+50.31	PP-04	54" RCP	2914.10	279	2917.70	20.46	2926.61	OK
3751.34	106+42.59	PP-03	54" RCP	2922.56	279	2926.91	17.72	2934.64	OK
3751.34	106+42.59	PP-03	42" RCP	2923.56	173	2928.65	17.98	2934.64	OK
3855.40	107.46.33	PP-03	42" RCP	2925.64	173	2933.00	17.98	2936.66	OK
3855.40	107.46.33	PP-03	42" RCP	2925.64	157	2934.60	16.32	2936.66	OK
4250.98	111+41.91	PP-02	42" RCP	2941.46	157	2947.63	16.32	2952.26	OK
4630.98	115+21.91	PP-02	42" RCP	2960.46	157	2963.41	18.13	2972.06	OK
4961.95	118+52.9	PP-01	42" RCP	2970.69	157	2974.01	16.65	2985.86	OK
4961.96	118+52.9	PP-01	42" RCP	2970.70	157	2974.04	16.58	2985.86	OK
4961.97	118+52.9	PP-01	42" RCP	2970.71	157	2974.12	16.44	2985.86	OK
5077.69	119+36.99	PP-01	42" RCP	2973.02	157	2977.92	16.32	2984.43	OK

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT MODEL "UIRM1" (ULTIMATE CONDITION)
SO   1000.0002828.130  1      .015                2836.09
R    1034.9002830.190  1      .015                                          15.00 1
R    1034.9102830.200  1      .015                                          15.00
R    1034.9202830.210  1      .015                                          15.00
R    1034.9302830.220  1      .015                                           6.00
JX   1034.9302830.220  1      .015
R    1118.4502831.640  1      .015
JX   1118.4502831.640  1 18 18.015    8.0      8.0  2934.14 2934.14  85.0 83.0
R    1217.0102832.450  1      .015                                          00.00 1
TS   1222.0102832.480 66      .015                                          00.00 1
JX   1222.0102832.480 66 30   .015   50.00          2834.480         45.0
R    1368.4002833.370 66      .015                                           8.00
JX   1368.4002833.870 60      .015
R    1713.0102844.810 60      .015                                          00.00 1
R    2113.0102860.300 60      .015                                          00.00 1
R    2313.0102868.300 60      .015                                          00.00 1
R    2524.6502876.270 60      .015                                          00.00 1
JX   2524.6502876.770 54 18 36.015    6.0     54.0  2879.77 2878.27  45.0 45.0
R    2789.0702887.350 54      .015                                          00.00 1
R    3096.8202899.680 54      .015                                          00.00 1
R    3459.0702914.100 54      .015                                          00.00 1
R    3751.3402922.560 54      .015                                          00.00 1
JX   3751.3402923.560 42 36   .015  106.00           2924.060         45.0
R    3855.4002925.640 42      .015                                          00.00 1
JX   3855.4002925.640 42 18 18.015    8.0      8.0  2927.64 2927.64  45.0 45.0
R    4250.9802941.460 42      .015                                          00.00 1
R    4630.9802960.460 42      .015                                          00.00 1
R    4961.9502970.690 42      .015                                          15.00 1
R    4961.9602970.700 42      .015                                          15.00
R    4961.9702970.710 42      .015                                          15.00
R    5077.6902973.020 42      .015
SH   5077.6902973.020 42      .015
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
CD  66  4   1    .000   5.500     .000  .000  .000   .00
CD  72  4   1    .000   6.000     .000  .000  .000   .00
CD   1  3   0    .000   4.000    8.000  .000  .000   .00
Q           157.000   .0
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FILE: UIRM1.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 2- 8-2018 Time: 8:45: 0

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														
CD	66	4	1		5.500														
CD	72	4	1		6.000														
CD	1	3	0	.000	4.000	8.000	.000	.000	.00										

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -
SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -
BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -
IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT MODEL "UIRM1" (ULTIMATE CONDITION

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

	STATION	INVERT	SECT	W S ELEV
U/S DATA	1000.000	2828.130	1	2836.090

ELEMENT NO 2 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1034.900	2830.190	1	.015	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1034.910	2830.200	1	.015	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1034.920	2830.210	1	.015	.000	.000	15.000	0

ELEMENT NO 5 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1034.930	2830.220	1	.015	.000	.000	6.000	0

ELEMENT NO 6 IS A JUNCTION * * * * *

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1034.930	2830.220	1	0	0	.015	.000	.000	.000	.000	.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 7 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1118.450	2831.640	1	.015	.000	.000	.000	0

ELEMENT NO 8 IS A JUNCTION * * * * *

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1118.450	2831.640	1	18	18	.015	8.000	8.000	2934.140	2934.140	85.000	83.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 9 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1217.010	2832.450	1	.015	.000	.000	.000	1

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 10 IS A TRANSITION * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE
U/S DATA	1222.010	2832.480	66	.015	.000	.000

ELEMENT NO 11 IS A JUNCTION * * * * *

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1222.010	2832.480	66	30	0	.015	50.000	.000	2834.480	.000	45.000	.000

UIRM1
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 12 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1368.400 2833.370 66 .015 .000 .000 8.000 0

ELEMENT NO 13 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
1368.400 2833.870 60 0 0 .015 .000 .000 .000 .000 .000 .000
RADIUS ANGLE
.000 .000

ELEMENT NO 14 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1713.010 2844.810 60 .015 .000 .000 .000 1

ELEMENT NO 15 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
2113.010 2860.300 60 .015 .000 .000 .000 1

ELEMENT NO 16 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
2313.010 2868.300 60 .015 .000 .000 .000 1

ELEMENT NO 17 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
2524.650 2876.270 60 .015 .000 .000 .000 1

ELEMENT NO 18 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
2524.650 2876.770 54 18 36 .015 6.000 54.000 2879.770 2878.270 45.000 45.000
RADIUS ANGLE
.000 .000

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 19 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
2789.070 2887.350 54 .015 .000 .000 .000 1

ELEMENT NO 20 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3096.820 2899.680 54 .015 .000 .000 .000 1

ELEMENT NO 21 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3459.070 2914.100 54 .015 .000 .000 .000 1

ELEMENT NO 22 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3751.340 2922.560 54 .015 .000 .000 .000 1

ELEMENT NO 23 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
3751.340 2923.560 42 36 0 .015 106.000 .000 2924.060 .000 45.000 .000
RADIUS ANGLE
.000 .000

ELEMENT NO 24 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3855.400 2925.640 42 .015 .000 .000 .000 1

ELEMENT NO 25 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
3855.400 2925.640 42 18 18 .015 8.000 8.000 2927.640 2927.640 45.000 45.000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 26 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
4250.980 2941.460 42 .015 .000 .000 .000 1

ELEMENT NO 27 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
4630.980 2960.460 42 .015 .000 .000 .000 1

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 28 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
4961.950 2970.690 42 .015 .000 .000 15.000 1

UIRM1

ELEMENT NO 29 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	4961.960	2970.700	42	.015	.000	.000	15.000	0

ELEMENT NO 30 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	4961.970	2970.710	42	.015	.000	.000	15.000	0

ELEMENT NO 31 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	5077.690	2973.020	42	.015	.000	.000	.000	0

ELEMENT NO 32 IS A SYSTEM HEADWORKS *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	5077.690	2973.020	42	.000

FILE: UIRM1.WSW

W S P G W - CIVILDESIGN Version 14.08

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 8:45: 4

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT MODEL "UIRM1" (ULTIMATE CONDI

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
1000.000	2828.130	7.960	2836.090	405.00	12.66	2.49	2838.58	.00	4.00	8.00	4.000	8.000	.00	0 .0
34.900	.0590					.0111	.39	7.96	1.12	1.81	.015	.00	.00	BOX
1034.900	2830.190	6.536	2836.726	405.00	12.66	2.49	2839.21	.00	4.00	8.00	4.000	8.000	.00	0 .0
.010	1.0000					.0111	.00	6.54	1.12	.71	.015	.00	.00	BOX
1034.910	2830.200	6.649	2836.849	405.00	12.66	2.49	2839.34	.00	4.00	8.00	4.000	8.000	.00	0 .0
.010	1.0000					.0111	.00	6.65	1.12	.71	.015	.00	.00	BOX
1034.920	2830.210	6.762	2836.972	405.00	12.66	2.49	2839.46	.00	4.00	8.00	4.000	8.000	.00	0 .0
.010	1.0000					.0111	.00	6.76	1.12	.71	.015	.00	.00	BOX
JUNCT STR	.0000					.0111	.00	6.80	1.12		.015	.00	.00	BOX
1034.930	2830.220	6.802	2837.022	405.00	12.66	2.49	2839.51	.00	4.00	8.00	4.000	8.000	.00	0 .0
83.520	.0170					.0111	.93	6.80	1.12	2.81	.015	.00	.00	BOX
1118.450	2831.640	6.311	2837.951	405.00	12.66	2.49	2840.44	.00	4.00	8.00	4.000	8.000	.00	0 .0
JUNCT STR	.0000					.0103	.00	6.31	1.12		.015	.00	.00	BOX
1118.450	2831.640	6.696	2838.336	389.00	12.16	2.29	2840.63	.00	4.00	8.00	4.000	8.000	.00	0 .0
98.560	.0082					.0103	1.01	6.70	1.07	3.55	.015	.00	.00	BOX
1217.010	2832.450	7.012	2839.462	389.00	12.16	2.29	2841.76	.00	4.00	8.00	4.000	8.000	.00	0 .0
TRANS STR	.0060					.0141	.07	7.01	1.07		.015	.00	.00	BOX

FILE: UIRM1.WSW

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Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 8:45: 4

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT MODEL "UIRM1" (ULTIMATE CONDI

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
1222.010	2832.480	6.118	2838.598	389.00	16.37	4.16	2842.76	.00	5.16	.00	5.500	.000	.00	1 .0
JUNCT STR	.0000					.0157	.00	6.12	.00		.015	.00	.00	PIPE
1222.010	2832.480	7.650	2840.130	339.00	14.27	3.16	2843.29	.00	4.97	.00	5.500	.000	.00	1 .0

146.390	.0061					.0136	1.99	7.65	.00	5.50	.015	.00	.00	PIPE					
1368.400	2833.370	8.830	2842.200	339.00	14.27	3.16	2845.36	.00	4.97	.00	5.500	.000	.00	1	.0				
JUNCT STR	.0000					.0181	.00	8.83	.00		.015	.00	.00	PIPE					
1368.400	2833.870	6.876	2840.746	339.00	17.27	4.63	2845.37	.00	4.79	.00	5.000	.000	.00	1	.0				
5.346	.0317					.0226	.12	6.88	.00	3.52	.015	.00	.00	PIPE					
1373.746	2834.040	6.829	2840.869	339.00	17.27	4.63	2845.50	.00	4.79	.00	5.000	.000	.00	1	.0				
HYDRAULIC JUMP																			
1373.746	2834.040	3.480	2837.519	339.00	23.24	8.39	2845.91	.00	4.79	4.60	5.000	.000	.00	1	.0				
187.379	.0317					.0336	6.29	3.48	2.30	3.52	.015	.00	.00	PIPE					
1561.125	2839.988	3.412	2843.400	339.00	23.75	8.76	2852.16	.00	4.79	4.66	5.000	.000	.00	1	.0				
151.885	.0317					.0366	5.56	3.41	2.39	3.52	.015	.00	.00	PIPE					
1713.010	2844.810	3.270	2848.081	339.00	24.91	9.64	2857.72	.00	4.79	4.76	5.000	.000	.00	1	.0				
58.838	.0387					.0387	2.28	3.27	2.60	3.27	.015	.00	.00	PIPE					
1771.848	2847.089	3.270	2850.359	339.00	24.91	9.64	2860.00	.00	4.79	4.76	5.000	.000	.00	1	.0				
341.162	.0387					.0390	13.29	3.27	2.60	3.27	.015	.00	.00	PIPE					

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FILE: UIRM1.WSW

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 8:45: 4

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT MODEL "UIRM1" (ULTIMATE CONDI

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
2113.010	2860.300	3.257	2863.557	339.00	25.03	9.73	2873.29	.00	4.79	4.77	5.000	.000	.00	1 .0
200.000	.0400					.0381	7.61	3.26	2.62	3.23	.015	.00	.00	PIPE
2313.010	2868.300	3.326	2871.626	339.00	24.44	9.28	2880.90	.00	4.79	4.72	5.000	.000	.00	1 .0
211.640	.0377					.0358	7.58	3.33	2.51	3.30	.015	.00	.00	PIPE
2524.650	2876.270	3.403	2879.673	339.00	23.82	8.81	2888.48	.00	4.79	4.66	5.000	.000	.00	1 .0
JUNCT STR	.0000					.0373	.00	3.40	2.40		.015	.00	.00	PIPE
2524.650	2876.770	3.096	2879.866	279.00	23.91	8.88	2888.74	.00	4.35	4.17	4.500	.000	.00	1 .0
264.420	.0400					.0400	10.59	3.10	2.52	3.10	.015	.00	.00	PIPE
2789.070	2887.350	3.095	2890.445	279.00	23.92	8.88	2899.33	.00	4.35	4.17	4.500	.000	.00	1 .0
307.750	.0401					.0395	12.16	3.10	2.52	3.09	.015	.00	.00	PIPE
3096.820	2899.680	3.128	2902.808	279.00	23.64	8.68	2911.49	.00	4.35	4.14	4.500	.000	.00	1 .0

								.0389	.96	3.13	2.47	3.10	.015	.00	.00	PIPE			
24.707	.0398																		
3121.527	2900.663	3.132	2903.796	279.00	23.61	8.65	2912.45	.00	4.35	4.14	4.500	.000	.00	1	.0				
								.0367	7.70	3.13	2.46	3.10	.015	.00	.00	PIPE			
209.644	.0398																		
3331.171	2909.009	3.274	2912.283	279.00	22.51	7.87	2920.15	.00	4.35	4.01	4.500	.000	.00	1	.0				
								.0329	2.66	3.27	2.26	3.10	.015	.00	.00	PIPE			
80.984	.0398																		
3412.155	2912.232	3.428	2915.661	279.00	21.46	7.15	2922.81	.00	4.35	3.83	4.500	.000	.00	1	.0				
								.0296	1.39	3.43	2.05	3.10	.015	.00	.00	PIPE			
46.915	.0398																		

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Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 8:45: 4

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT MODEL "UIRM1" (ULTIMATE CONDI

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
3459.070	2914.100	3.599	2917.698	279.00	20.46	6.50	2924.20	.00	4.35	3.60	4.500	.000	.00	1 .0
6.258	.0289					.0281	.18	3.60	1.85	3.54	.015	.00	.00	PIPE
3465.328	2914.281	3.601	2917.882	279.00	20.45	6.49	2924.38	.00	4.35	3.60	4.500	.000	.00	1 .0
184.306	.0289					.0268	4.94	3.60	1.85	3.54	.015	.00	.00	PIPE
3649.634	2919.616	3.794	2923.410	279.00	19.50	5.90	2929.31	.00	4.35	3.27	4.500	.000	.00	1 .0
71.074	.0289					.0246	1.75	3.79	1.64	3.54	.015	.00	.00	PIPE
3720.708	2921.673	4.025	2925.698	279.00	18.59	5.37	2931.06	.00	4.35	2.77	4.500	.000	.00	1 .0
30.633	.0289					.0236	.72	4.02	1.41	3.54	.015	.00	.00	PIPE
3751.340	2922.560	4.350	2926.910	279.00	17.72	4.88	2931.79	.00	4.35	1.62	4.500	.000	.00	1 .0
JUNCT STR	.0000					.0314	.00	4.35	1.00		.015	.00	.00	PIPE
3751.340	2923.560	5.089	2928.649	173.00	17.98	5.02	2933.67	.00	3.44	.00	3.500	.000	.00	1 .0
104.060	.0200					.0394	4.10	5.09	.00	3.50	.015	.00	.00	PIPE
3855.400	2925.640	7.357	2932.997	173.00	17.98	5.02	2938.02	.00	3.44	.00	3.500	.000	.00	1 .0
JUNCT STR	.0000					.0359	.00	7.36	.00		.015	.00	.00	PIPE
3855.400	2925.640	8.963	2934.603	157.00	16.32	4.13	2938.74	.00	3.41	.00	3.500	.000	.00	1 .0
395.580	.0400					.0324	12.82	8.96	.00	2.60	.015	.00	.00	PIPE
4250.980	2941.460	6.174	2947.634	157.00	16.32	4.13	2951.77	.00	3.41	.00	3.500	.000	.00	1 .0
34.512	.0500					.0324	1.12	6.17	.00	2.38	.015	.00	.00	PIPE

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Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 8:45: 4

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT MODEL "UIRM1" (ULTIMATE CONDI

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
4285.492	2943.186	5.586	2948.771	157.00	16.32	4.13	2952.91	.00	3.41	.00	3.500	.000	.00	1 .0
HYDRAULIC JUMP														
4285.492	2943.186	2.392	2945.577	157.00	22.41	7.80	2953.38	.00	3.41	3.26	3.500	.000	.00	1 .0
147.316	.0500					.0480	7.08	2.39	2.69	2.38	.015	.00	.00	PIPE
4432.808	2950.551	2.439	2952.990	157.00	21.93	7.47	2960.46	.00	3.41	3.22	3.500	.000	.00	1 .0
99.792	.0500					.0443	4.42	2.44	2.59	2.38	.015	.00	.00	PIPE
4532.601	2955.541	2.549	2958.090	157.00	20.91	6.79	2964.88	.00	3.41	3.11	3.500	.000	.00	1 .0
48.079	.0500					.0397	1.91	2.55	2.37	2.38	.015	.00	.00	PIPE
4580.680	2957.945	2.670	2960.615	157.00	19.94	6.17	2966.79	.00	3.41	2.98	3.500	.000	.00	1 .0
29.921	.0500					.0357	1.07	2.67	2.16	2.38	.015	.00	.00	PIPE
4610.601	2959.441	2.803	2962.243	157.00	19.01	5.61	2967.85	.00	3.41	2.80	3.500	.000	.00	1 .0
20.379	.0500					.0324	.66	2.80	1.95	2.38	.015	.00	.00	PIPE
4630.980	2960.460	2.953	2963.413	157.00	18.13	5.10	2968.51	.00	3.41	2.54	3.500	.000	.00	1 .0
244.220	.0309					.0300	7.32	2.95	1.73	2.95	.015	.00	.00	PIPE
4875.200	2968.009	3.090	2971.099	157.00	17.46	4.74	2975.83	.00	3.41	2.25	3.500	.000	.00	1 .0
86.750	.0309					.0286	2.48	3.09	1.54	2.95	.015	.00	.00	PIPE
4961.950	2970.690	3.317	2974.007	157.00	16.65	4.31	2978.31	.00	3.41	1.56	3.500	.000	.00	1 .0
.010	1.0250					.0281	.00	3.32	1.19	1.00	.015	.00	.00	PIPE

FILE: UIRM1.WSW W S P G W - CIVILDESIGN Version 14.08
Program Package Serial Number: 7189
WATER SURFACE PROFILE LISTING
Date: 2- 8-2018 Time: 8:45: 4

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT MODEL "UIRM1" (ULTIMATE CONDI

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
4961.960	2970.700	3.343	2974.043	157.00	16.58	4.27	2978.31	.00	3.41	1.45	3.500	.000	.00	1 .0
.010	.9762					.0284	.00	3.34	1.14	1.01	.015	.00	.00	PIPE
4961.970	2970.710	3.405	2974.115	157.00	16.44	4.20	2978.31	.00	3.41	1.14	3.500	.000	.00	1 .0

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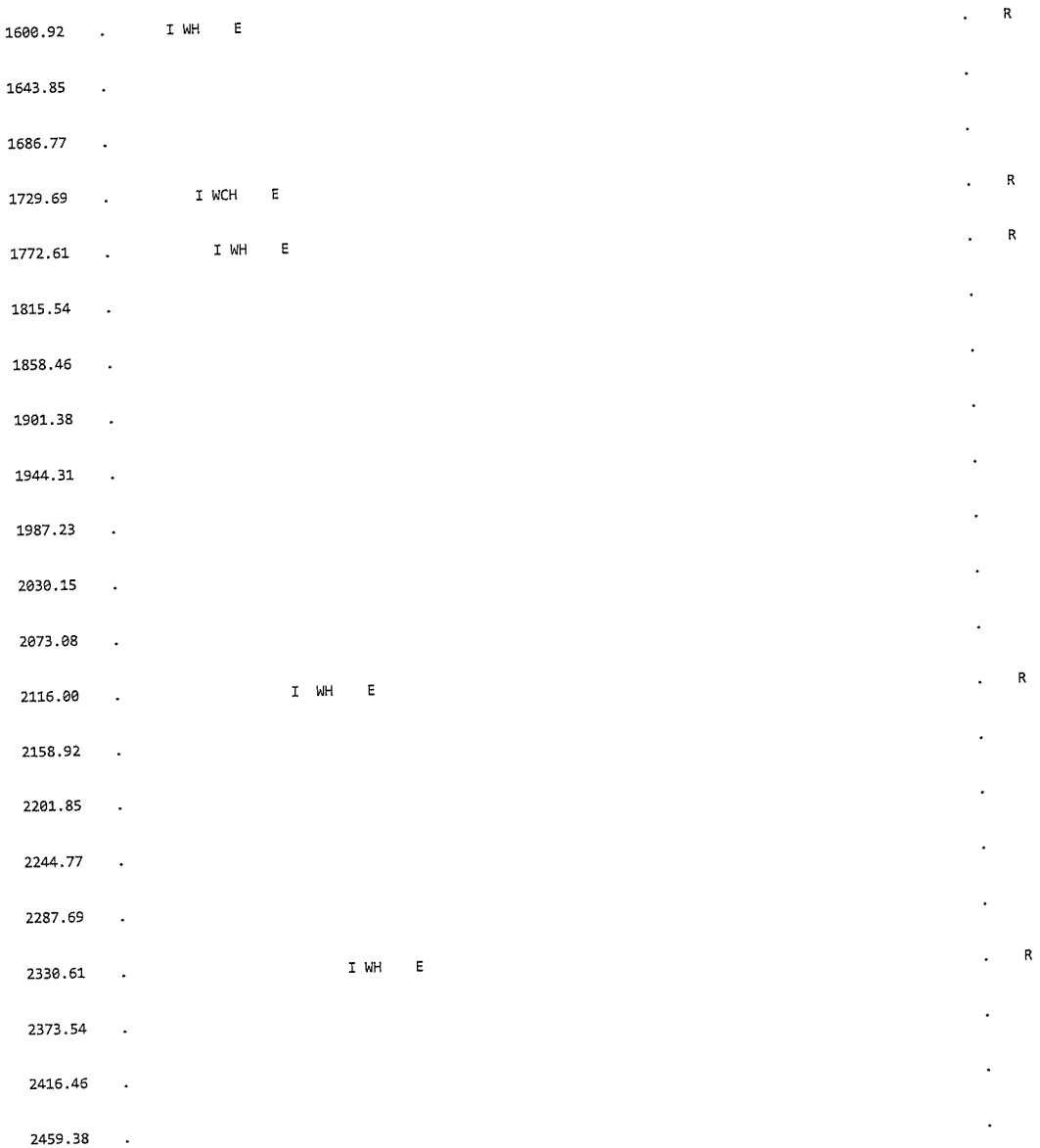
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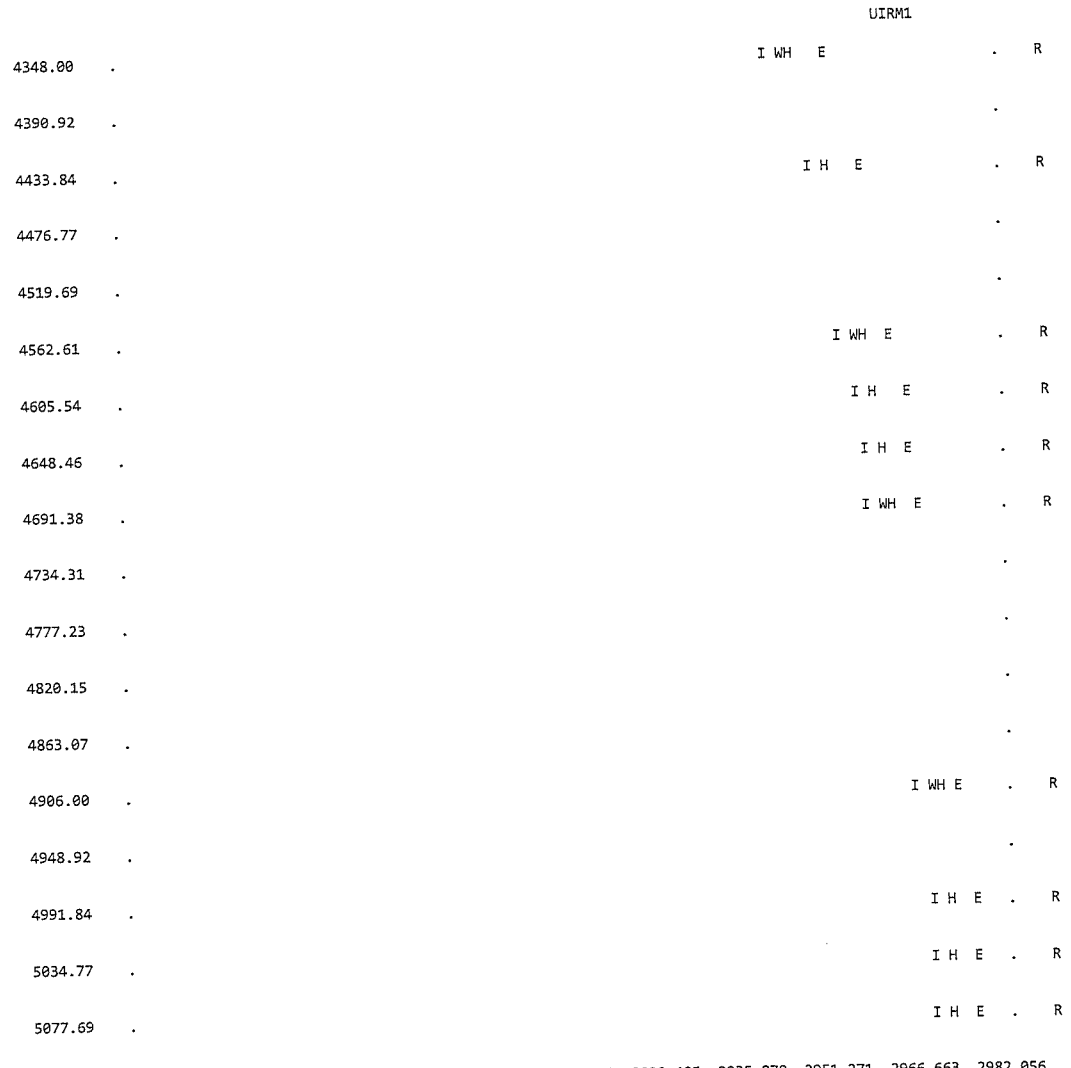
3832.92	I HW E	R
3875.84	I H W E	JX
3918.77	I H W E	R
3961.69		
4004.61		
4047.54		
4090.46		
4133.38		
4176.31		
4219.23		
4262.15	I H W E	R
4305.08	I CHW E	R



N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH

W = WATER SURFACE ELEVATION
S = SUPER-ELEVATION
H = HEIGHT OF CHANNEL
E = ENERGY GRADE LINE
X = CURVES CROSSING OVER
B = BRIDGE ENTRANCE OR EXIT
Y = WALL ENTRANCE OR EXIT

2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Iron Mountain Road

UIRM1-Laterals

Ultimate Condition WSPG Summary

Lateral to Mainline in Iron Mountain Road along Northern Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	94+15.89	LAT-01	36" RCP	2878.27	69.50	2880.25	14.03	2889.27	OK
1029.68	94+36.89	LAT-01	36" RCP	2879.36	69.50	2881.88	10.97	2889.21	OK
1029.69	94+36.89	LAT-01	36" RCP	2879.37	69.50	2881.93	10.83	2889.21	OK
1029.70	94+36.89	LAT-01	36" RCP	2879.38	69.50	2882.03	10.52	2889.21	OK
1029.70	94+36.89	LAT-01	36" RCP	2879.38	64.00	2882.72	9.05	2889.21	OK
1074.70	N/A	LAT-01	36" RCP	2879.83	64.00	2883.13	9.05	N/A	OK
1074.70	N/A	LAT-01	36" RCP	2879.83	64.00	2883.13	9.05	N/A	OK

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT Lateral Stub "UIRM1-L1" (ULTIMATE CONDITION)
SO   1000.0002878.270 36                              2879.870
R    1029.6802879.360 36      .013                                      15.00 1
R    1029.6902879.370 36      .013                                      15.00
R    1029.7002879.380 36      .013                                      15.00
JX   1029.7002879.380 36 36   .013    5.50          2879.380         90.0
R    1074.7002879.830 36      .013
SH   1074.7002879.830 36      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q            64.000   .0
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FILE: UIRM1-L1.WSW

W S P G W - EDIT LISTING - Version 14.10 Date: 1-30-2018 Time: 4: 5: 7

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														

W S P G W

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT Lateral Stub "UIRM1-L1" (ULTIMATE

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1000.000	2878.270	36	2879.870

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1029.680	2879.360	36	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1029.690	2879.370	36	.013	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1029.700	2879.380	36	.013	.000	.000	15.000	0

ELEMENT NO 5 IS A JUNCTION * * * * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1029.700	2879.380	36	36	0	.013	5.500	.000	2879.380	.000	90.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 6 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1074.700	2879.830	36	.013	.000	.000	.000	0

ELEMENT NO 7 IS A SYSTEM HEADWORKS * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1074.700	2879.830	36	.000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT Lateral Stub "UIRM1-L1" (ULTI

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
1000.000	2878.270	1.981	2880.251	69.50	14.03	3.06	2883.31	.00	2.65	2.84	3.000	.000	.00	1 .0
1.763	.0367					.0180	.03	1.98	1.87	1.58	.013	.00	.00	PIPE
1001.763	2878.335	1.995	2880.330	69.50	13.93	3.01	2883.34	.00	2.65	2.83	3.000	.000	.00	1 .0
9.382	.0367					.0168	.16	1.99	1.85	1.58	.013	.00	.00	PIPE
1011.146	2878.679	2.082	2880.761	69.50	13.28	2.74	2883.50	.00	2.65	2.77	3.000	.000	.00	1 .0
7.132	.0367					.0150	.11	2.08	1.70	1.58	.013	.00	.00	PIPE
1018.278	2878.941	2.176	2881.117	69.50	12.66	2.49	2883.61	.00	2.65	2.68	3.000	.000	.00	1 .0
5.327	.0367					.0134	.07	2.18	1.56	1.58	.013	.00	.00	PIPE
1023.605	2879.137	2.278	2881.415	69.50	12.07	2.26	2883.68	.00	2.65	2.57	3.000	.000	.00	1 .0
3.767	.0367					.0121	.05	2.28	1.42	1.58	.013	.00	.00	PIPE
1027.372	2879.275	2.390	2881.666	69.50	11.51	2.06	2883.72	.00	2.65	2.41	3.000	.000	.00	1 .0
2.308	.0367					.0109	.03	2.39	1.28	1.58	.013	.00	.00	PIPE
1029.680	2879.360	2.518	2881.878	69.50	10.97	1.87	2883.75	.00	2.65	2.20	3.000	.000	.00	1 .0
.010	1.0123					.0103	.00	2.52	1.14	.65	.013	.00	.00	PIPE
1029.690	2879.370	2.557	2881.927	69.50	10.83	1.82	2883.75	.00	2.65	2.13	3.000	.000	.00	1 .0
.010	.9756					.0100	.00	2.56	1.10	.66	.013	.00	.00	PIPE
1029.700	2879.380	2.651	2882.031	69.50	10.52	1.72	2883.75	.00	2.65	1.92	3.000	.000	.00	1 .0
JUNCT STR	.0000					.0095	.00	2.65	1.00		.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT Lateral Stub "UIRM1-L1" (ULTI

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1029.700	2879.380	3.338	2882.718	64.00	9.05	1.27	2883.99	.00	2.57	.00	3.000	.000	.00	1 .0
45.000	.0100					.0092	.41	3.34	.00	2.36	.013	.00	.00	PIPE
1074.700	2879.830	3.303	2883.133	64.00	9.05	1.27	2884.41	.00	2.57	.00	3.000	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT Lateral Stub "UIRM1-L1" (ULTI

1000.00 .I W C H E . R

1001.52 .

1003.05 . I W C H E . R

1004.57 .

1006.10 .

1007.62 .

1009.15 .

1010.67 .

1012.20 . I W C H E . R

1013.72 .

1015.24 .

1016.77 .

1018.29 . I W C H E . R

1019.82 .

1021.34 .

1022.87 .

1024.39 . I W C H E . R

1025.92 .

1027.44 . I W C H E . R

1028.97 .

1030.49 . I W C H E . R

1032.01 . I W C H E . R

1033.54 . I W H E . JX

1035.06 . I C H W E . R

1036.59 .

1038.11 .

1039.64 .

1041.16 .

1042.69 .

1044.21 .

1045.73 .

1047.26 .

1048.78 .

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1051.83 .

1053.36 .

1054.88 .

1056.41 .

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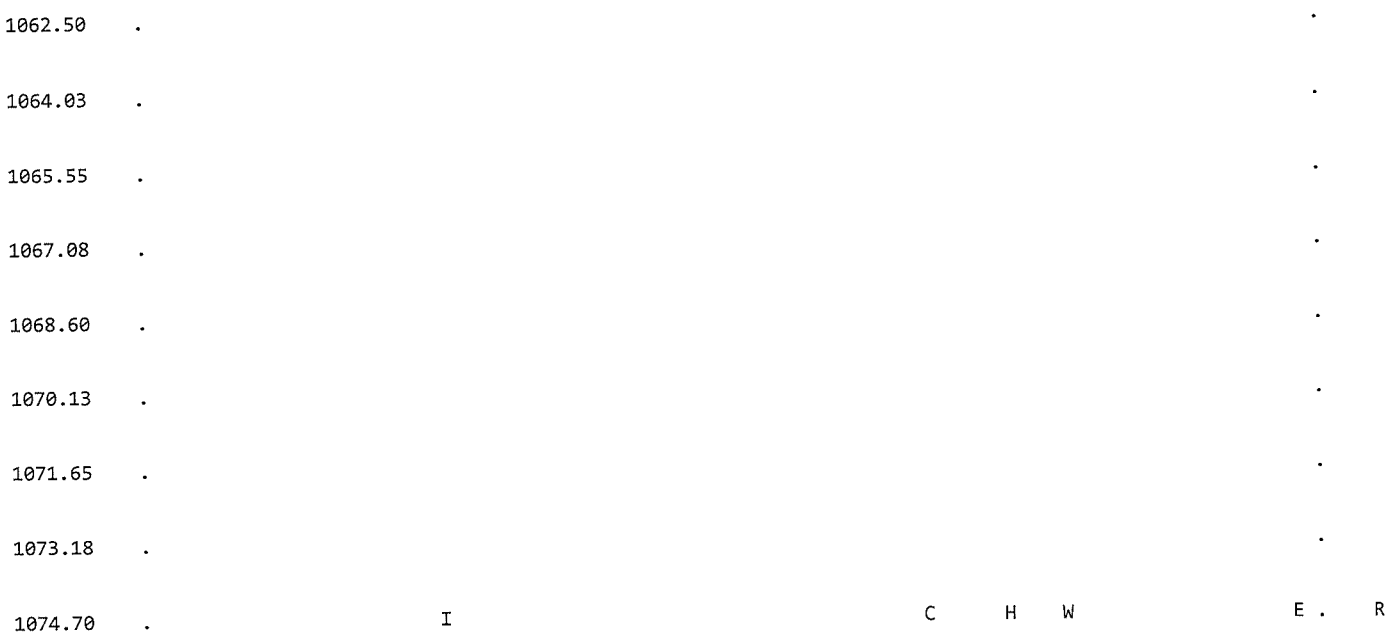
1059.46 .

1060.98 .



N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Ultimate Condition WSPG Summary

Lateral to Mainline in Iron Mountain Road along Northern Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	81+11.79	LAT-01	30" RCP	2834.48	62.00	2840.15	12.63	2842.02	OK
1054.38	81+49.58	LAT-01	30" RCP	2835.55	62.00	2841.64	12.63	2842.78	OK
1054.39	81+49.58	LAT-01	30" RCP	2835.56	62.00	2841.76	12.63	2842.78	OK
1054.40	81+49.58	LAT-01	30" RCP	2835.57	62.00	2841.89	12.63	2843.00	OK
1089.40	N/A	LAT-01	30" RCP	2836.27	62.00	2842.68	12.63	N/A	OK
1089.40	N/A	LAT-01	30" RCP	2836.27	62.00	2842.68	12.63	N/A	OK

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T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT Lateral Stub "UIRM1-L2" (ULTIMATE CONDITION)
SO   1000.0002834.480 30                          2840.150
R    1054.3802835.550 30      .013                                        15.00 1
R    1054.3902835.560 30      .013                                        15.00
R    1054.4002835.570 30      .013                                        15.00
R    1089.4002836.270 30      .013
SH   1089.4002836.270 30      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q            62.000   .0
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FILE: UIRM1-L2.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 1-30-2018 Time: 4: 5:24

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														

W S P G W

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT Lateral Stub "UIRM1-L2" (ULTIMATE

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1000.000	2834.480	30	2840.150

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1054.380	2835.550	30	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1054.390	2835.560	30	.013	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1054.400	2835.570	30	.013	.000	.000	15.000	0

ELEMENT NO 5 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1089.400	2836.270	30	.013	.000	.000	.000	0

ELEMENT NO 6 IS A SYSTEM HEADWORKS * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1089.400	2836.270	30	.000

FILE: UIRM1-L2.WSW

W S P G W - CIVILDESIGN Version 14.08

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 1-30-2018 Time: 4: 5:29

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT Lateral Stub "UIRM1-L2" (ULTI

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
1000.000	2834.480	5.670	2840.150	62.00	12.63	2.48	2842.63	.00	2.41	.00	2.500	.000	.00	1 .0
54.380	.0197					.0228	1.24	5.67	.00	2.50	.013	.00	.00	PIPE
1054.380	2835.550	6.089	2841.639	62.00	12.63	2.48	2844.12	.00	2.41	.00	2.500	.000	.00	1 .0
.010	1.0000					.0228	.00	6.09	.00	.66	.013	.00	.00	PIPE
1054.390	2835.560	6.202	2841.762	62.00	12.63	2.48	2844.24	.00	2.41	.00	2.500	.000	.00	1 .0
.010	1.0000					.0228	.00	6.20	.00	.66	.013	.00	.00	PIPE
1054.400	2835.570	6.314	2841.885	62.00	12.63	2.48	2844.36	.00	2.41	.00	2.500	.000	.00	1 .0
35.000	.0200					.0228	.80	6.31	.00	2.27	.013	.00	.00	PIPE
1089.400	2836.270	6.414	2842.684	62.00	12.63	2.48	2845.16	.00	2.41	.00	2.500	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

IRON MOUNTAIN MAIN STORM DRAIN ALIGNMENT Lateral Stub "UIRM1-L2" (ULTI

1000.00 .I CH W E . R

1001.82 . .

1003.65 .

1005.47 .

1007.30 .

1009.12 .

1010.95 .

1012.77 .

1014.60 .

1016.42 .

1018.24 .

1020.07 .

1021.89 .

1023.72 .

1025.54 .

1027.37 .

1029.19 .

1031.02 .

1032.84 .

1034.67	.					.	
1036.49	.					.	
1038.31	.					.	
1040.14	.					.	
1041.96	.					.	
1043.79	.					.	
1045.61	.					.	
1047.44	.					.	
1049.26	.					.	
1051.09	.					.	
1052.91	.					.	
1054.73	.	I	CH	W	E	.	R
1056.56	.	I	CH	W	E	.	R
1058.38	.	I	CH	W	E	.	R
1060.21	.					.	
1062.03	.					.	
1063.86	.					.	

N O T E S
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E = ENERGY GRADE LINE
X = CURVES CROSSING OVER
B = BRIDGE ENTRANCE OR EXIT
Y = WALL ENTRANCE OR EXIT

2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Skye Canyon Park Drive

U/SCP1-Main Alignment

Ultimate Condition WSPG Summary

Mainline in Skye Canyon Park and Skye Village Road Connection at Southern Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	SEE REFERENCED PLANS			2824.93	1342.00	2833.93	15.71	See Referenced Plans	
1035.83	SEE REFERENCED PLANS			2825.14	1342.00	2834.21	15.71	See Referenced Plans	
1035.83	SEE REFERENCED PLANS			2825.14	1007.00	2836.09	11.79	See Referenced Plans	
1129.19	SEE REFERENCED PLANS			2825.45	1007.00	2836.50	11.79	See Referenced Plans	
1129.19	SEE REFERENCED PLANS			2825.45	998.50	2836.56	11.69	See Referenced Plans	
1318.72	SEE REFERENCED PLANS			2826.20	998.50	2837.37	11.69	See Referenced Plans	
1318.72	SEE REFERENCED PLANS			2826.20	990.00	2837.44	11.59	See Referenced Plans	
1759.85	SEE REFERENCED PLANS			2827.97	990.00	2839.30	11.59	See Referenced Plans	
1932.85	SEE REFERENCED PLANS			2828.66	925.00	2840.31	10.83	See Referenced Plans	
1932.85	SEE REFERENCED PLANS			2828.66	857.00	2840.71	10.03	See Referenced Plans	
1993.50	SEE REFERENCED PLANS			2828.90	857.00	2840.90	10.03	See Referenced Plans	
1993.50	SEE REFERENCED PLANS			2828.90	854.00	2840.92	10.00	See Referenced Plans	
2726.06	SEE REFERENCED PLANS			2831.83	854.00	2843.22	10.00	See Referenced Plans	
2726.06	SEE REFERENCED PLANS			2831.83	499.00	2844.36	5.84	See Referenced Plans	
2738.32	SEE REFERENCED PLANS			2831.88	499.00	2844.38	5.84	See Referenced Plans	
2758.32	SEE REFERENCED PLANS			2831.98	499.00	2843.76	9.38	See Referenced Plans	
2829.07	SEE REFERENCED PLANS			2832.33	499.00	2844.03	9.38	See Referenced Plans	
2829.07	SEE REFERENCED PLANS			2832.33	495.00	2844.07	9.31	See Referenced Plans	
3035.39	SEE REFERENCED PLANS			2833.36	495.00	2844.84	9.31	See Referenced Plans	
3035.39	SEE REFERENCED PLANS			2833.36	493.00	2844.86	9.27	See Referenced Plans	
3077.93	SEE REFERENCED PLANS			2833.57	493.00	2845.02	9.27	See Referenced Plans	
3077.93	SEE REFERENCED PLANS			2833.57	491.00	2845.04	9.23	See Referenced Plans	
3363.04	SEE REFERENCED PLANS			2835.00	491.00	2846.09	9.23	See Referenced Plans	
3363.04	SEE REFERENCED PLANS			2835.00	460.50	2846.33	8.66	See Referenced Plans	
3409.98	SEE REFERENCED PLANS			2835.23	460.50	2846.48	8.66	See Referenced Plans	
3457.10	SEE REFERENCED PLANS			2835.47	460.50	2846.80	8.66	See Referenced Plans	
3475.10	SEE REFERENCED PLANS			2835.56	460.50	2846.86	8.66	See Referenced Plans	
3485.53	SEE REFERENCED PLANS			2835.64	460.50	2846.97	8.66	See Referenced Plans	
3485.53	SEE REFERENCED PLANS			2835.64	430.00	2847.17	8.08	See Referenced Plans	
3521.47	SEE REFERENCED PLANS			2835.79	430.00	2847.40	8.08	See Referenced Plans	
3564.47	SEE REFERENCED PLANS			2836.01	430.00	2847.52	8.08	See Referenced Plans	
3574.47	SEE REFERENCED PLANS			2836.06	430.00	2847.17	10.75	See Referenced Plans	
3648.47	SEE REFERENCED PLANS			2836.81	430.00	2847.93	10.75	See Referenced Plans	
3648.47	SEE REFERENCED PLANS			2836.81	396.00	2844.18	20.17	See Referenced Plans	
3703.97	69+39.	PP-06	60" RCP	2838.47	396.00	2847.14	20.17	2855.46	OK
3739.41	69+03.57	PP-06	60" RCP	2839.49	396.00	2848.55	20.17	2857.55	OK
3739.41	69+03.57	PP-06	60" RCP	2839.49	383.00	2849.37	19.51	2857.55	OK
4044.24	65+21.82	PP-05	60" RCP	2848.69	383.00	2858.44	19.51	2868.25	OK
4044.24	65+21.82	PP-05	60" RCP	2848.69	377.00	2858.79	19.20	2968.25	OK
4508.14	60+57.92	PP-04	60" RCP	2870.72	377.00	2875.58	19.36	2890.22	OK
4508.14	60+57.92	PP-04	60" RCP	2870.72	369.00	2876.15	18.79	2890.22	OK
4726.51	60+47.5	PP-07	60" RCP	2871.94	369.00	2881.99	18.79	2883.00	OK
4726.51	60+47.5	PP-07	60" RCP	2871.94	369.00	2881.99	18.79	2883.00	OK

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)
SO   1000.0002824.930  3      .015                2833.930
R    1035.8302825.140  3      .015
JX   1035.8302825.140  3 60   .015  335.000         2329.130          45.0
R    1129.1902825.450  3      .015
JX   1129.1902825.450  3 18   .015    8.500         2826.440          45.0
R    1318.7202826.200  3      .015
JX   1318.7202826.200  3 18   .015    8.500         2826.200          60.0
R    1759.8502827.970  3      .015
JX   1759.8502827.970  3 36   .015   65.000         2827.970          45.0
R    1932.8502828.660  3      .015
JX   1932.8502828.660  3 42   .015   68.000         2828.660          45.0
R    1993.5002828.900  3      .015
JX   1993.5002828.900  3 18   .015    3.0           2828.90           60.0
R    2726.0602831.830  3      .015
JX   2726.0602831.830  3  6   .015  355.000         2831.830          45.0
R    2738.3202831.880  3      .015
TS   2758.3202831.980  2      .015
R    2829.0702832.330  2      .015
JX   2829.0702832.330  2 18 18.015    2.0      2.0  2732.30 2732.30  60.0 60.0
R    3035.3902833.360  2      .015
JX   3035.3902833.360  2 18   .015    2.000         2833.360          46.0
R    3077.9302833.570  2      .015
JX   3077.9302833.570  2 18   .015    2.000         2833.570          60.0
R    3363.0402835.000  2      .015
JX   3363.0402835.000  2 30   .015   30.500         2835.000          45.0
R    3409.9802835.230  2      .015                                44.996    .000 0
R    3457.1002835.470  2      .015                                -9.960    .000 0
R    3475.1002835.560  2      .015                                 27.0
R    3485.5302835.640  2      .015                                -34.320   .000 0
JX   3485.5302835.640  2 30   .015   30.500         2835.640
R    3521.4702835.790  2      .015
R    3564.4702836.010  2      .015                                     45.00
TS   3574.4702836.060  8      .015                                 00.0
R    3648.4702836.810  8      .015                                     45.00 1
JX   3648.4702836.810 60 30   .015   34.000         2836.810
R    3703.9702838.470 60      .015                                         1
R    3739.4102839.490 60      .015
JX   3739.4102839.490 60 24 24.015    6.5      6.5  2842.49 2842.49  90.0 90.0
R    4044.2402848.690 60      .015                                         1
JX   4044.2402848.690 60 24   .015    6.000         2848.690          45.0
R    4244.2402858.190 60      .015                                         1
R    4508.1402870.720 60      .015                                     85.00 1
JX   4508.1402870.720 60 18   .015    8.000         2874.220          90.0
R    4726.5102871.940 60      .015
SH   4726.5102871.940 60      .015
CD   6  3   0    .000   6.000    6.000  .000  .000   .00
CD   8  3   0    .000   5.000    8.000  .000  .000   .00
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
CD  72  4   1    .000   6.000     .000  .000  .000   .00
CD   1  6   0     0.0     0.0      0.0    0.0    0.0   0.0
CD   2  6   0     0.0     0.0      0.0    0.0    0.0   0.0
CD   3  6   0     0.0     0.0      0.0    0.0    0.0   0.0
CD   4  6   0     0.0     0.0      0.0    0.0    0.0   0.0
PTS  121   .000   .000 10.000   .000 10.000   .010 10.000  5.500  9.490  6.870
PTS       9.000  7.280  8.500  7.500  8.000  7.630  7.520  7.740  7.000  7.840
PTS       6.000  7.960  5.000  8.000  4.000  7.960  3.000  7.840  2.480  7.740
PTS       2.000  7.630  1.500  7.500  1.000  7.280   .510  6.870   .000  5.500
PTS        .000   .010
PTS  221   .000   .000  8.000   .000  8.000   .010  8.000  5.000  7.900  5.570
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PTS        7.700  5.950  7.500  6.190  7.250  6.390  7.000  6.530  6.000  6.800
PTS        5.000  6.950  4.000  7.000  3.000  6.950  2.000  6.800  1.000  6.530
PTS         .750  6.390   .500  6.190   .300  5.950   .100  5.570   .000  5.000
PTS         .000   .010
PTS  321   0.000  0.000 10.000  0.000 10.000  0.010 10.000  6.500  9.490  7.870
PTS        9.000  8.280  8.500  8.500  8.000  8.630  7.520  8.740  7.000  8.840
PTS        6.000  8.960  5.000  9.000  4.000  8.960  3.000  8.840  2.480  8.740
PTS        2.000  8.630  1.500  8.500  1.000  8.280  0.510  7.870  0.000  6.500
PTS        0.000  0.010
PTS  421   0.000  0.000  8.000  0.000  8.000  0.010  8.000  6.000  7.900  6.570
PTS        7.700  6.950  7.500  7.190  7.250  7.390  7.000  7.530  6.000  7.800
PTS        5.000  7.950  4.000  8.000  3.000  7.950  2.000  7.800  1.000  7.530
PTS        0.750  7.390  0.500  7.190  0.300  6.950  0.100  6.570  0.000  6.000
PTS        0.000  0.010
Q            369.000   .0
```

FILE: USCP1.WSW

W S P G W - EDIT LISTING - Version 14.10 Date: 2- 8-2018 Time: 9:42:18

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	6	3	0	.000	6.000	6.000	.000	.000	.00										
CD	8	3	0	.000	5.000	8.000	.000	.000	.00										
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														
CD	72	4	1		6.000														
CD	1	6	0	.000															
CD	2	6	0	.000															
CD	3	6	0	.000															
CD	4	6	0	.000															

FILE:

W S P G W - EDIT LISTING - Version 14.10 Date: 2- 8-2018 Time: 9:42:18

WATER SURFACE PROFILE - CROSS SECTION POINT LISTING

CARD CODE	SECT NO	NO OF POINTS	X(1) , Y(1) X(8) , Y(8)	X(2) , Y(2) X(9) , Y(9)	X(3) , Y(3) X(10) ,Y(10)	X(4) , Y(4) X(11) ,Y(11)	X(5) , Y(5) X(N) , Y(N)	X(6) , Y(6) X(N+1),Y(N+1)	X(7) , Y(7) X(35) ,Y(35)					
PTS	1	21	.000	.000	10.000	.000	10.000	.010	10.000	5.500	9.490	6.870	9.000	7.280	8.500	7.500
PTS			8.000	7.630	7.520	7.740	7.000	7.840	6.000	7.960	5.000	8.000	4.000	7.960	3.000	7.840
PTS			2.480	7.740	2.000	7.630	1.500	7.500	1.000	7.280	.510	6.870	.000	5.500	.000	.010
PTS	2	21	.000	.000	8.000	.000	8.000	.010	8.000	5.000	7.900	5.570	7.700	5.950	7.500	6.190
PTS			7.250	6.390	7.000	6.530	6.000	6.800	5.000	6.950	4.000	7.000	3.000	6.950	2.000	6.800
PTS			1.000	6.530	.750	6.390	.500	6.190	.300	5.950	.100	5.570	.000	5.000	.000	.010
PTS	3	21	.000	.000	10.000	.000	10.000	.010	10.000	6.500	9.490	7.870	9.000	8.280	8.500	8.500
PTS			8.000	8.630	7.520	8.740	7.000	8.840	6.000	8.960	5.000	9.000	4.000	8.960	3.000	8.840
PTS			2.480	8.740	2.000	8.630	1.500	8.500	1.000	8.280	.510	7.870	.000	6.500	.000	.010
PTS	4	21	.000	.000	8.000	.000	8.000	.010	8.000	6.000	7.900	6.570	7.700	6.950	7.500	7.190
PTS			7.250	7.390	7.000	7.530	6.000	7.800	5.000	7.950	4.000	8.000	3.000	7.950	2.000	7.800
PTS			1.000	7.530	.750	7.390	.500	7.190	.300	6.950	.100	6.570	.000	6.000	.000	.010

PAGE NO 1

W S P G W

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1000.000	2824.930	3	2833.930

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1035.830	2825.140	3	.015	.000	.000	.000	0

ELEMENT NO 3 IS A JUNCTION * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4	RADIUS	ANGLE
	1035.830	2825.140	3	60	0	.015	335.000	.000	2329.130	.000	45.000	.000	.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 4 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1129.190	2825.450	3	.015	.000	.000	.000	0

ELEMENT NO 5 IS A JUNCTION * * * * *

U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
1129.190 2825.450 3 18 0 .015 8.500 .000 2826.440 .000 45.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 6 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1318.720 2826.200 3 .015 .000 .000 .000 0

ELEMENT NO 7 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
1318.720 2826.200 3 18 0 .015 8.500 .000 2826.200 .000 60.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

W S P G W
WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 8 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1759.850 2827.970 3 .015 .000 .000 .000 0

ELEMENT NO 9 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
1759.850 2827.970 3 36 0 .015 65.000 .000 2827.970 .000 45.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 10 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1932.850 2828.660 3 .015 .000 .000 .000 0

ELEMENT NO 11 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
1932.850 2828.660 3 42 0 .015 68.000 .000 2828.660 .000 45.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 12 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
1993.500 2828.900 3 .015 .000 .000 .000 0

ELEMENT NO 13 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
1993.500 2828.900 3 18 0 .015 3.000 .000 2828.900 .000 60.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 14 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
2726.060 2831.830 3 .015 .000 .000 .000 0

W S P G W
WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 15 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
2726.060 2831.830 3 6 0 .015 355.000 .000 2831.830 .000 45.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 16 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
2738.320 2831.880 3 .015 .000 .000 .000 0

ELEMENT NO 17 IS A TRANSITION

U/S DATA STATION INVERT SECT N RADIUS ANGLE
2758.320 2831.980 2 .015 .000 .000

ELEMENT NO 18 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
2829.070 2832.330 2 .015 .000 .000 .000 0

ELEMENT NO 19 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
2829.070 2832.330 2 18 18 .015 2.000 2.000 2732.300 2732.300 60.000 60.000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 20 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3035.390 2833.360 2 .015 .000 .000 .000 0

ELEMENT NO 21 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
3035.390 2833.360 2 18 0 .015 2.000 .000 2833.360 .000 46.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 22 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3077.930 2833.570 2 .015 .000 .000 .000 0

ELEMENT NO 23 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
3077.930 2833.570 2 18 0 .015 2.000 .000 2833.570 .000 60.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 24 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3363.040 2835.000 2 .015 .000 .000 .000 0

ELEMENT NO 25 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
3363.040 2835.000 2 30 0 .015 30.500 .000 2835.000 .000 45.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 26 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3409.980 2835.230 2 .015 .000 .000 .000 0

ELEMENT NO 27 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3457.100 2835.470 2 .015 60.001 44.996 .000 0

ELEMENT NO 28 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3475.100 2835.560 2 .015 .000 .000 .000 0

ELEMENT NO 29 IS A REACH
U/S DATA STATION INVERT SECT N RADIUS ANGLE ANG PT MAN H
3485.530 2835.640 2 .015 59.999 -9.960 .000 0

ELEMENT NO 30 IS A JUNCTION
U/S DATA STATION INVERT SECT LAT-1 LAT-2 N Q3 Q4 INVERT-3 INVERT-4 PHI 3 PHI 4
3485.530 2835.640 2 30 0 .015 30.500 .000 2835.640 .000 27.000 .000
RADIUS ANGLE
.000 .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

WATER SURFACE PROFILE - ELEMENT CARD LISTING

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ELEMENT NO  31 IS A REACH                *         *     *                                                    RADIUS    ANGLE     ANG PT  MAN H
                U/S DATA   STATION    INVERT  SECT              N                                           60.000  -34.320      .000      0
                           3521.470 2835.790    2              .015

ELEMENT NO  32 IS A REACH                *         *     *                                                    RADIUS    ANGLE     ANG PT  MAN H
                U/S DATA   STATION    INVERT  SECT              N                                            .000     .000      .000      0
                           3564.470 2836.010    2              .015

ELEMENT NO  33 IS A TRANSITION           *         *     *                                                    RADIUS   ANGLE
                U/S DATA   STATION    INVERT  SECT              N                                            .000     .000
                           3574.470 2836.060    8              .015

ELEMENT NO  34 IS A REACH                *         *     *                                                    RADIUS    ANGLE     ANG PT  MAN H
                U/S DATA   STATION    INVERT  SECT              N                                            .000     .000    45.000      0
                           3648.470 2836.810    8              .015                                           *                 *

ELEMENT NO  35 IS A JUNCTION             *         *     *     *          *                                 INVERT-3 INVERT-4  PHI 3  PHI 4
                U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4                      2836.810      .000    .000      .000
                           3648.470 2836.810    60    30     0   .015    34.000      .000                    RADIUS    ANGLE
                                                                                                             .000     .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO  36 IS A REACH                *         *     *                                                    RADIUS    ANGLE     ANG PT  MAN H
                U/S DATA   STATION    INVERT  SECT              N                                            .000     .000    45.000      1
                           3703.970 2838.470    60             .015

ELEMENT NO  37 IS A REACH                *         *     *                                                    RADIUS    ANGLE     ANG PT  MAN H
                U/S DATA   STATION    INVERT  SECT              N                                            .000     .000      .000      1
                           3739.410 2839.490    60             .015                                           *                 *

ELEMENT NO  38 IS A JUNCTION             *         *     *     *          *                                 INVERT-3 INVERT-4  PHI 3  PHI 4
                U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4                      2842.490 2842.490  90.000   90.000
                           3739.410 2839.490    60    24     24  .015     6.500     6.500                   RADIUS    ANGLE
                                                                                                             .000     .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO  39 IS A REACH                *         *     *                                                    RADIUS    ANGLE     ANG PT  MAN H
                U/S DATA   STATION    INVERT  SECT              N                                            .000     .000      .000      1
                           4044.240 2848.690    60             .015                                                                  PAGE NO   7
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W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

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ELEMENT NO  40 IS A JUNCTION             *         *     *     *          *                                 INVERT-3 INVERT-4  PHI 3  PHI 4
                U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4                      2848.690      .000  45.000      .000
                           4044.240 2848.690    60    24     0   .015     6.000      .000                   RADIUS    ANGLE
                                                                                                             .000     .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO  41 IS A REACH                *         *     *                                                    RADIUS    ANGLE     ANG PT  MAN H
                U/S DATA   STATION    INVERT  SECT              N                                            .000     .000      .000      1
                           4244.240 2858.190    60             .015

ELEMENT NO  42 IS A REACH                *         *     *                                                    RADIUS    ANGLE     ANG PT  MAN H
                U/S DATA   STATION    INVERT  SECT              N                                            .000     .000    85.000      1
                           4508.140 2870.720    60             .015                                           *                 *

ELEMENT NO  43 IS A JUNCTION             *         *     *     *          *                                 INVERT-3 INVERT-4  PHI 3  PHI 4
                U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4                      2874.220      .000  90.000      .000
                           4508.140 2870.720    60    18     0   .015     8.000      .000                   RADIUS    ANGLE
                                                                                                             .000     .000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO  44 IS A REACH                *         *     *                                                    RADIUS    ANGLE     ANG PT  MAN H
                U/S DATA   STATION    INVERT  SECT              N                                            .000     .000      .000      0
                           4726.510 2871.940    60             .015

ELEMENT NO  45 IS A SYSTEM HEADWORKS                          *                                             W S ELEV
                U/S DATA   STATION    INVERT  SECT                                                          .000
                           4726.510 2871.940    60
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FILE: USCP1.WSW

W S P G W - CIVILDESIGN Version 14.08

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WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 9:42:24

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2824.930	9.000	2833.930	1342.00	15.71	3.83	2837.76	.00	7.96	.00			3	0 .0
35.830	.0059					.0078	.28	9.00	.00	8.500	.015			IR-COV
1035.830	2825.140	9.068	2834.208	1342.00	15.71	3.83	2838.04	.00	7.96	.00			3	0 .0
JUNCT STR	.0000					.0044	.00	9.07	.00		.015			IR-COV

WARNING - Junction Analysis - Irregular Channel

1035.830	2825.140	10.947	2836.087	1007.00	11.79	2.16	2838.24	.00	6.76	.00			3	0 .0
93.360	.0033					.0044	.41	10.95	.00	8.500	.015			IR-COV
1129.190	2825.450	11.045	2836.495	1007.00	11.79	2.16	2838.65	.00	6.76	.00			3	0 .0
JUNCT STR	.0000					.0043	.00	11.04	.00		.015			IR-COV

WARNING - Junction Analysis - Irregular Channel

1129.190	2825.450	11.107	2836.557	998.50	11.69	2.12	2838.68	.00	6.73	.00			3	0 .0
189.530	.0040					.0043	.81	11.11	.00	7.765	.015			IR-COV
1318.720	2826.200	11.171	2837.371	998.50	11.69	2.12	2839.49	.00	6.73	.00			3	0 .0
JUNCT STR	.0000					.0042	.00	11.17	.00		.015			IR-COV

WARNING - Junction Analysis - Irregular Channel

FILE: USCP1.WSW

W S P G W - CIVILDESIGN Version 14.08

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 9:42:24

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1318.720	2826.200	11.236	2837.436	990.00	11.59	2.08	2839.52	.00	6.70	.00			3	0 .0
441.130	.0040					.0042	1.86	11.24	.00	7.657	.015			IR-COV
1759.850	2827.970	11.329	2839.299	990.00	11.59	2.08	2841.38	.00	6.70	.00			3	0 .0
JUNCT STR	.0000					.0037	.00	11.33	.00		.015			IR-COV

WARNING - Junction Analysis - Irregular Channel

1759.850	2827.970	11.705	2839.675	925.00	10.83	1.82	2841.50	.00	6.43	.00			3	0 .0
173.000	.0040					.0037	.64	11.71	.00	7.231	.015			IR-COV
1932.850	2828.660	11.653	2840.313	925.00	10.83	1.82	2842.13	.00	6.43	.00			3	0 .0
JUNCT STR	.0000					.0032	.00	11.65	.00		.015			IR-COV

WARNING - Junction Analysis - Irregular Channel

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1932.850	2828.660	12.045	2840.705	857.00	10.03	1.56	2842.27	.00	6.11	.00			3	0 .0
60.650	.0040					.0032	.19	12.05	.00	6.804	.015			IR-COV
1993.500	2828.900	11.997	2840.897	857.00	10.03	1.56	2842.46	.00	6.11	.00			3	0 .0
JUNCT STR	.0000					.0031	.00	12.00	.00		.015			IR-COV

---------- WARNING - Junction Analysis - Irregular Channel----------

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WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 9:42:24

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1993.500	2828.900	12.018	2840.918	854.00	10.00	1.55	2842.47	.00	6.10	.00			3	0 .0
732.560	.0040					.0031	2.30	12.02	.00	6.755	.015			IR-COV
2726.060	2831.830	11.391	2843.221	854.00	10.00	1.55	2844.77	.00	6.10	.00			3	0 .0
JUNCT STR	.0000					.0011	.00	11.39	.00		.015			IR-COV

---------- WARNING - Junction Analysis - Irregular Channel----------

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
2726.060	2831.830	12.534	2844.364	499.00	5.84	.53	2844.89	.00	4.26	.00			3	0 .0
12.260	.0041					.0011	.01	12.53	.00	4.461	.015			IR-COV
2738.320	2831.880	12.498	2844.377	499.00	5.84	.53	2844.91	.00	4.26	.00			3	0 .0
TRANS STR	.0050					.0011	.02	12.50	.00		.015			IR-COV
2758.320	2831.980	11.777	2843.757	499.00	9.38	1.37	2845.12	.00	4.94	.00			2	0 .0
70.750	.0049					.0038	.27	11.78	.00	5.199	.015			IR-COV
2829.070	2832.330	11.696	2844.026	499.00	9.38	1.37	2845.39	.00	4.94	.00			2	0 .0
JUNCT STR	.0000					.0037	.00	11.70	.00		.015			IR-COV

---------- WARNING - Junction Analysis - Irregular Channel----------

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
2829.070	2832.330	11.738	2844.068	495.00	9.31	1.34	2845.41	.00	4.92	.00			2	0 .0
206.320	.0050					.0037	.77	11.74	.00	5.148	.015			IR-COV

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WATER SURFACE PROFILE LISTING

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SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
3035.390	2833.360	11.480	2844.840	495.00	9.31	1.34	2846.18	.00	4.92	.00			2	0 .0
JUNCT STR	.0000					.0037	.00	11.48	.00		.015			IR-COV

---------- WARNING - Junction Analysis - Irregular Channel----------

3035.390	2833.360	11.501	2844.861	493.00	9.27	1.33	2846.19	.00	4.90	.00						2	0	.0	
42.540	.0049					.0037	.16	11.50	.00	5.155	.015								IR-COV
3077.930	2833.570	11.449	2845.019	493.00	9.27	1.33	2846.35	.00	4.90	.00						2	0	.0	
JUNCT STR	.0000					.0037	.00	11.45	.00		.015								IR-COV

---------- WARNING - Junction Analysis - Irregular Channel----------

3077.930	2833.570	11.470	2845.040	491.00	9.23	1.32	2846.36	.00	4.89	.00						2	0	.0	
285.110	.0050					.0037	1.05	11.47	.00	5.106	.015								IR-COV
3363.040	2835.000	11.089	2846.089	491.00	9.23	1.32	2847.41	.00	4.89	.00						2	0	.0	
JUNCT STR	.0000					.0032	.00	11.09	.00		.015								IR-COV

---------- WARNING - Junction Analysis - Irregular Channel----------

3363.040	2835.000	11.329	2846.329	460.50	8.66	1.16	2847.49	.00	4.69	.00						2	0	.0	
46.940	.0049					.0032	.15	11.33	.00	4.903	.015								IR-COV

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WATER SURFACE PROFILE LISTING

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SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
3409.980	2835.230	11.251	2846.481	460.50	8.66	1.16	2847.65	.00	4.69	.00			2	0 .0
47.120	.0051					.0032	.15	.00	.00	4.831	.015			IR-COV
3457.100	2835.470	11.329	2846.799	460.50	8.66	1.16	2847.96	.00	4.69	.00			2	0 .0
18.000	.0050					.0032	.06	11.33	.00	4.863	.015			IR-COV
3475.100	2835.560	11.297	2846.857	460.50	8.66	1.16	2848.02	.00	4.69	.00			2	0 .0
10.430	.0077					.0032	.03	.00	.00	4.137	.015			IR-COV
3485.530	2835.640	11.328	2846.968	460.50	8.66	1.16	2848.13	.00	4.69	.00			2	0 .0
JUNCT STR	.0000					.0028	.00	.00	.00		.015			IR-COV

---------- WARNING - Junction Analysis - Irregular Channel----------

3485.530	2835.640	11.528	2847.168	430.00	8.08	1.01	2848.18	.00	4.48	.00						2	0	.0	
35.940	.0042					.0028	.10	.00	.00	4.945	.015								IR-COV
3521.470	2835.790	11.604	2847.395	430.00	8.08	1.01	2848.41	.00	4.48	.00						2	0	.0	
43.000	.0051					.0028	.12	11.60	.00	4.576	.015								IR-COV
3564.470	2836.010	11.506	2847.516	430.00	8.08	1.01	2848.53	.00	4.48	.00						2	0	.0	
TRANS STR	.0050					.0028	.03	11.51	.00		.015								IR-COV
3574.470	2836.060	11.113	2847.173	430.00	10.75	1.79	2848.97	.00	4.48	8.00	5.000	8.000	.00	0	.0				
74.000	.0101					.0066	.49	11.11	.85	3.54	.015	.00	.00	BOX					

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WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 9:42:24

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
3648.470	2836.810	11.120	2847.930	430.00	10.75	1.79	2849.72	.00	4.48	8.00	5.000	8.000	.00	0 .0
JUNCT STR	.0000					.0187	.00	11.12	.85		.015	.00	.00	BOX
		WARNING - Junction Analysis - Change in Channel Type												
3648.470	2836.810	7.371	2844.181	396.00	20.17	6.32	2850.50	.00	4.88	.00	5.000	.000	.00	1 .0
55.500	.0299					.0308	1.71	7.37	.00	4.17	.015	.00	.00	PIPE
3703.970	2838.470	8.673	2847.143	396.00	20.17	6.32	2853.46	.00	4.88	.00	5.000	.000	.00	1 .0
35.440	.0288					.0308	1.09	8.67	.00	4.27	.015	.00	.00	PIPE
3739.410	2839.490	9.060	2848.550	396.00	20.17	6.32	2854.87	.00	4.88	.00	5.000	.000	.00	1 .0
JUNCT STR	.0000					.0298	.00	9.06	.00		.015	.00	.00	PIPE
3739.410	2839.490	9.876	2849.366	383.00	19.51	5.91	2855.27	.00	4.86	.00	5.000	.000	.00	1 .0
304.830	.0302					.0288	8.78	9.88	.00	4.00	.015	.00	.00	PIPE
4044.240	2848.690	9.748	2858.438	383.00	19.51	5.91	2864.35	.00	4.86	.00	5.000	.000	.00	1 .0
JUNCT STR	.0000					.0283	.00	9.75	.00		.015	.00	.00	PIPE
4044.240	2848.690	10.102	2858.792	377.00	19.20	5.72	2864.52	.00	4.86	.00	5.000	.000	.00	1 .0
115.345	.0475					.0279	3.22	10.10	.00	3.28	.015	.00	.00	PIPE
4159.585	2854.169	8.006	2862.174	377.00	19.20	5.72	2867.90	.00	4.86	.00	5.000	.000	.00	1 .0
HYDRAULIC JUMP														

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WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 9:42:24

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
4159.585	2854.169	3.386	2857.555	377.00	26.64	11.02	2868.57	.00	4.86	4.68	5.000	.000	.00	1 .0
84.655	.0475					.0426	3.61	3.39	2.70	3.28	.015	.00	.00	PIPE
4244.241	2858.190	3.437	2861.627	377.00	26.20	10.66	2872.28	.00	4.86	4.64	5.000	.000	.00	1 .0
45.086	.0475					.0409	1.85	3.44	2.62	3.28	.015	.00	.00	PIPE
4289.327	2860.331	3.489	2863.819	377.00	25.77	10.31	2874.13	.00	4.86	4.59	5.000	.000	.00	1 .0
82.200	.0475					.0380	3.12	3.49	2.54	3.28	.015	.00	.00	PIPE
4371.527	2864.233	3.647	2867.880	377.00	24.57	9.37	2877.25	.00	4.86	4.44	5.000	.000	.00	1 .0

50.521	.0475					.0340	1.72	3.65	2.33	3.28	.015		.00	.00	PIPE				
4422.047	2866.632	3.819	2870.451	377.00	23.43	8.52	2878.97	.00	4.86	4.25	5.000		.000	.00	1	.0			
34.650	.0475					.0306	1.06	3.82	2.12	3.28	.015		.00	.00	PIPE				
4456.698	2868.277	4.010	2872.287	377.00	22.34	7.75	2880.03	.00	4.86	3.99	5.000		.000	.00	1	.0			
24.772	.0475					.0278	.69	4.01	1.91	3.28	.015		.00	.00	PIPE				
4481.470	2869.454	4.226	2873.679	377.00	21.30	7.04	2880.72	.00	4.86	3.62	5.000		.000	.00	1	.0			
17.431	.0475					.0256	.45	4.23	1.70	3.28	.015		.00	.00	PIPE				
4498.901	2870.281	4.484	2874.765	377.00	20.31	6.40	2881.17	.00	4.86	3.04	5.000		.000	.00	1	.0			
9.239	.0475					.0246	.23	4.48	1.45	3.28	.015		.00	.00	PIPE				
4508.140	2870.720	4.856	2875.576	377.00	19.36	5.82	2881.40	.00	4.86	1.67	5.000		.000	.00	1	.0			
JUNCT STR	.0000					.0257	.00	4.86	1.00		.015		.00	.00	PIPE				

FILE: USCP1.WSW

W S P G W - CIVILDESIGN Version 14.08

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 9:42:24

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
4508.140	2870.720	5.434	2876.154	369.00	18.79	5.48	2881.64	.00	4.84	.00	5.000	.000	.00	1 .0
218.370	.0056					.0267	5.84	5.43	.00	5.00	.015	.00	.00	PIPE
4726.510	2871.940	10.050	2881.990	369.00	18.79	5.48	2887.47	.00	4.84	.00	5.000	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE VILLAGE ROAD MAINLINE (ULTIMATE CONDITION)

1000.00	.I	C H E	. R
1036.18	.I	CH E	. JX
1072.36	.I	C H W E	. R
1108.54	.		.
1144.72	.I	C H W E	. JX

1180.90 .I C H W E

1217.08 .

1253.26 .

1289.44 .

1325.62 . I C H W E

1361.80 . I C H W E

1397.98 .

1434.16 .

1470.34 .

1506.52 .

1542.70 .

1578.88 .

1615.06 .

1651.23 .

1687.41 .

1723.59 .

1759.77 .

1795.95 . I C H W E

1832.13 . I C H W E

1868.31 .

1904.49 .

1940.67 . I C H W E

1976.85 . I C H W E

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2013.03 . I C H W E

2049.21 . I C H W E

2085.39 .

2121.57 .

2157.75 .

2193.93 .

2230.11 .

2266.29 .

2302.47 .

2338.65 .

2374.83 .

2411.01 .

2447.19 .

2483.37 .

2519.55 .

2555.73 .

2591.91 .

2628.09 .

2664.27 .

2700.45 .

2736.63 . I C H W E

2772.81 . I C H W

2808.99 . I C H W

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3677.30   .          I     C   H      WE                                                  .   TX
3713.48   .          I     CH        W  E                                                 .   R
3749.66   .           I      H        W  E                                                .   JX
3785.84   .           I      H   W        E                                               .   R
3822.02   .             I      H    W        E                                            .   R
3858.20   .               I      H    W        E                                          .   JX
3894.38   .               I      H      W       E                                         .   R
3930.56   .                                                                              .
3966.74   .                                                                              .
4002.92   .                                                                              .
4039.10   .                                                                              .
4075.28   .                           I      H      W        E                            .   JX
4111.45   .                           I      H       W       E                            .   R
4147.63   .                                                                              .
4183.81   .                                  I      H    W       E                        .   R
4219.99   .                                  I    W H            E                        .   R
4256.17   .                                         I   W CH           E                  .   R
4292.35   .                                            I    W H           E               .   R
4328.53   .                                                                              .
4364.71   .                                                                              .
4400.89   .                                                  I    W H          E         .   R
4437.07   .                                                     I    W H         E       .   R
4473.25   .                                                       I    W H        E      .   R
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4509.43    .                                                    I     WCH        E          .    R

4545.61    .                                                     I      WH       E          .    R

4581.79    .                                                      I      WH       E          .    JX

4617.97    .                                                      I      CH       E          .    R

4654.15    .                                                                                .

4690.33    .                                                                                .

4726.51    .                                                        I      CH       W       E .    R

          2824.930  2831.184  2837.439  2843.693  2849.948  2856.202  2862.456  2868.711  2874.965  2881.219  2887.474
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N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Interim Condition WSPG Summary

Mainline in Skye Canyon Park and Skye Village Road Connection at Southern Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
3338.34	SEE REFERENCED PLANS			2830.25	420.00	2833.88	23.47	See Referenced Plans	
3442.34	SEE REFERENCED PLANS			2835.43	420.00	2840.85	15.63	See Referenced Plans	
3448.40	SEE REFERENCED PLANS			2835.45	420.00	2844.42	7.90	See Referenced Plans	
3457.10	SEE REFERENCED PLANS			2835.47	420.00	2844.51	7.90	See Referenced Plans	
3475.10	SEE REFERENCED PLANS			2835.56	420.00	2844.55	7.90	See Referenced Plans	
3485.53	SEE REFERENCED PLANS			2835.64	420.00	2844.65	7.90	See Referenced Plans	
3485.53	SEE REFERENCED PLANS			2835.64	390.00	2844.82	7.33	See Referenced Plans	
3564.47	SEE REFERENCED PLANS			2836.01	390.00	2845.11	7.33	See Referenced Plans	
3574.47	SEE REFERENCED PLANS			2836.06	390.00	2844.82	9.75	See Referenced Plans	
3648.47	SEE REFERENCED PLANS			2836.81	390.00	2845.52	9.75	See Referenced Plans	
3648.47	SEE REFERENCED PLANS			2836.81	375.00	2840.81	22.25	See Referenced Plans	
3703.97	69+39.	PP-06	60" RCP	2838.47	375.00	2842.50	22.11	2855.46	OK
3739.41	69+03.57	PP-06	60" RCP	2839.49	375.00	2845.89	19.10	2857.55	OK
3739.41	69+03.57	PP-06	60" RCP	2839.49	362.00	2846.66	18.44	2857.55	OK
4044.24	65+21.82	PP-05	60" RCP	2848.69	362.00	2851.98	26.38	2859.00	OK
4044.24	65+21.82	PP-05	60" RCP	2848.69	356.00	2851.88	26.93	2859.00	OK
4244.24	63+21.82	PP-05	60" RCP	2858.19	356.00	2861.49	25.88	2877.69	OK
4508.14	60+57.92	PP-04	60" RCP	2870.72	356.00	2875.54	18.34	2890.22	OK
4508.14	60+57.92	PP-04	60" RCP	2870.72	348.00	2876.12	17.72	2890.22	OK
4726.51	60+47.5	PP-07	60" RCP	2871.94	348.00	2881.31	17.72	2883.00	OK
4726.51	60+47.5	PP-07	60" RCP	2871.94	348.00	2881.31	17.72	2883.00	OK

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T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SKYE CANYON PARK STORM DRAIN ALIGNMENT MODEL "SCP1"
SO   3338.3402830.250 72      .015                2836.250
R    3442.3402835.430 72      .015                                        -47.00
TS   3448.4002835.450  2      .015
R    3457.1002835.470  2      .015                                 8.308
R    3475.1002835.560  2      .015
R    3485.5302835.640  2      .015                                -9.960
JX   3485.5302835.640  2 30   .015   30.000         2835.640          27.0
R    3521.4702835.790  2      .015                              -34.320
R    3564.4702836.010  2      .015
TS   3574.4702836.060  8      .015
R    3648.4702836.810  8      .015                                     45.00 1
JX   3648.4702836.810 60 30   .015   15.000         2836.810          00.0
R    3703.9702838.470 60      .015                                     45.00 1
R    3739.4102839.490 60      .015                                           1
JX   3739.4102839.490 60 24 24.015    6.5      6.5  2842.49 2842.49   90.0 90.0
R    4044.2402848.690 60      .015                                           1
JX   4044.2402848.690 60 24   .015    6.000         2848.690           45.0
R    4244.2402858.190 60      .015                                           1
R    4508.1402870.720 60      .015                                     85.00 1
JX   4508.1402870.720 60 18   .015    8.000         2874.220           90.0
R    4726.5102871.940 60      .015
SH   4726.5102871.940 60      .015
CD   6  3   0    .000   6.000    6.000  .000  .000   .00
CD   8  3   0    .000   5.000    8.000  .000  .000   .00
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
CD  66  4   1    .000   5.500     .000  .000  .000   .00
CD  72  4   1    .000   6.000     .000  .000  .000   .00
CD   1  6   0      0.0      0.0     0.0     0.0      0.0    0.0
CD   2  6   0      0.0      0.0     0.0     0.0      0.0    0.0
CD   3  6   0      0.0      0.0     0.0     0.0      0.0    0.0
PTS  121   .000   .000 10.000   .000 10.000   .010 10.000  5.500  9.490  6.870
PTS       9.000  7.280  8.500  7.500  8.000  7.630  7.520  7.740  7.000  7.840
PTS       6.000  7.960  5.000  8.000  4.000  7.960  3.000  7.840  2.480  7.740
PTS       2.000  7.630  1.500  7.500  1.000  7.280   .510  6.870   .000  5.500
PTS        .000   .010
PTS  221   .000   .000  8.000   .000  8.000   .010  8.000  5.000  7.900  5.570
PTS       7.700  5.950  7.500  6.190  7.250  6.390  7.000  6.530  6.000  6.800
PTS       5.000  6.950  4.000  7.000  3.000  6.950  2.000  6.800  1.000  6.530
PTS        .750  6.390   .500  6.190   .300  5.950   .100  5.570   .000  5.000
PTS        .000   .010
PTS  321   .000   .000  8.000   .000  8.000   .010  8.000  3.000  7.900  3.570
PTS       7.700  3.950  7.500  4.190  7.250  4.390  7.000  4.530  6.000  4.800
PTS       5.000  4.950  4.000  5.000  3.000  4.950  2.000  4.800  1.000  4.530
PTS        .750  4.390   .500  4.190   .300  3.950   .100  3.570   .000  3.000
PTS        .000   .010
Q           348.000   .0
```

FILE: SCP1.WSW

W S P G W - EDIT LISTING - Version 14.10

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	6	3	0	.000	6.000	6.000	.000	.000	.00										
CD	8	3	0	.000	5.000	8.000	.000	.000	.00										
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														
CD	66	4	1		5.500														
CD	72	4	1		6.000														
CD	1	6	0	.000															
CD	2	6	0	.000															
CD	3	6	0	.000															

FILE:

W S P G W - EDIT LISTING - Version 14.10

WATER SURFACE PROFILE - CROSS SECTION POINT LISTING

CARD CODE	SECT NO	NO OF POINTS	X(1) , Y(1) X(8) , Y(8)	X(2) , Y(2) X(9) , Y(9)	X(3) , Y(3) X(10) ,Y(10)	X(4) , Y(4) X(11) ,Y(11)	X(5) , Y(5) X(N) , Y(N)	X(6) , Y(6) X(N+1),Y(N+1)	X(7) , Y(7) X(35) ,Y(35)
PTS	1	21	.000 .000	.000 10.000	.010 10.000	5.500 9.490	6.870 9.000	7.280 8.500	7.500
PTS			7.630 7.520	7.740 7.000	7.840 6.000	7.960 5.000	8.000 4.000	7.960 3.000	7.840
PTS			7.740 2.000	7.630 1.500	7.500 1.000	7.280 .510	6.870 .000	5.500 .000	.010
PTS	2	21	.000 .000	.000 8.000	.010 8.000	5.000 7.900	5.570 7.700	5.950 7.500	6.190
PTS			6.390 7.000	6.530 6.000	6.800 6.000	6.950 4.000	7.000 3.000	6.950 2.000	6.800
PTS			6.530 .750	6.390 .500	6.190 .300	5.950 .100	5.570 .000	5.000 .000	.010
PTS	3	21	.000 .000	.000 8.000	.010 8.000	3.000 7.900	3.570 7.700	3.950 7.500	4.190
PTS			4.390 7.000	4.530 6.000	4.800 5.000	4.950 4.000	5.000 3.000	4.950 2.000	4.800
PTS			4.530 .750	4.390 .500	4.190 .300	3.950 .100	3.570 .000	3.000 .000	.010

W S P G W

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

SKYE CANYON PARK STORM DRAIN ALIGNMENT MODEL "SCP1"

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	3338.340	2830.250	72	2836.250

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	3442.340	2835.430	72	.015	.000	.000	-47.000	0

ELEMENT NO 3 IS A TRANSITION * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE
	3448.400	2835.450	2	.015	.000	.000

ELEMENT NO 4 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	3457.100	2835.470	2	.015	60.001	8.308	.000	0

ELEMENT NO 5 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	3475.100	2835.560	2	.015	.000	.000	.000	0

ELEMENT NO 6 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	3485.530	2835.640	2	.015	59.999	-9.960	.000	0

ELEMENT NO 7 IS A JUNCTION * * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	3485.530	2835.640	2	30	0	.015	30.000	.000	2835.640	.000	27.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

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ELEMENT NO   8 IS A REACH              *         *     *
                U/S DATA   STATION    INVERT  SECT              N                        RADIUS    ANGLE     ANG PT  MAN H
                           3521.470 2835.790    2              .015                       60.000  -34.320      .000     0
ELEMENT NO   9 IS A REACH              *         *     *
                U/S DATA   STATION    INVERT  SECT              N                        RADIUS    ANGLE     ANG PT  MAN H
                           3564.470 2836.010    2              .015                        .000     .000      .000     0
ELEMENT NO  10 IS A TRANSITION         *         *     *
                U/S DATA   STATION    INVERT  SECT              N                        RADIUS   ANGLE
                           3574.470 2836.060    8              .015                        .000     .000
ELEMENT NO  11 IS A REACH              *         *     *
                U/S DATA   STATION    INVERT  SECT              N                        RADIUS    ANGLE     ANG PT  MAN H
                           3648.470 2836.810    8              .015                        .000     .000    45.000     1
                                                W S P G W                                                    PAGE NO   3
                      WATER SURFACE PROFILE - ELEMENT CARD LISTING
ELEMENT NO  12 IS A JUNCTION           *         *     *     *                  *                  *              *
                U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4     INVERT-3 INVERT-4  PHI 3  PHI 4
                           3648.470 2836.810   60    30     0   .015   15.000      .000  2836.810      .000    .000     .000
                                                                                        RADIUS    ANGLE
                                                                                          .000     .000
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
ELEMENT NO  13 IS A REACH              *         *     *
                U/S DATA   STATION    INVERT  SECT              N                        RADIUS    ANGLE     ANG PT  MAN H
                           3703.970 2838.470   60              .015                        .000     .000    45.000     1
ELEMENT NO  14 IS A REACH              *         *     *
                U/S DATA   STATION    INVERT  SECT              N                        RADIUS    ANGLE     ANG PT  MAN H
                           3739.410 2839.490   60              .015                        .000     .000      .000     1
ELEMENT NO  15 IS A JUNCTION           *         *     *     *                  *                  *              *
                U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4     INVERT-3 INVERT-4  PHI 3  PHI 4
                           3739.410 2839.490   60    24    24   .015    6.500     6.500  2842.490 2842.490  90.000  90.000
                                                                                        RADIUS    ANGLE
                                                                                          .000     .000
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
ELEMENT NO  16 IS A REACH              *         *     *
                U/S DATA   STATION    INVERT  SECT              N                        RADIUS    ANGLE     ANG PT  MAN H
                           4044.240 2848.690   60              .015                        .000     .000      .000     1
ELEMENT NO  17 IS A JUNCTION           *         *     *     *                  *                  *              *
                U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4     INVERT-3 INVERT-4  PHI 3  PHI 4
                           4044.240 2848.690   60    24     0   .015    6.000      .000  2848.690      .000  45.000     .000
                                                                                        RADIUS    ANGLE
                                                                                          .000     .000
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
ELEMENT NO  18 IS A REACH              *         *     *
                U/S DATA   STATION    INVERT  SECT              N                        RADIUS    ANGLE     ANG PT  MAN H
                           4244.240 2858.190   60              .015                        .000     .000      .000     1
                                                W S P G W                                                    PAGE NO   4
                      WATER SURFACE PROFILE - ELEMENT CARD LISTING
ELEMENT NO  19 IS A REACH              *         *     *
                U/S DATA   STATION    INVERT  SECT              N                        RADIUS    ANGLE     ANG PT  MAN H
                           4508.140 2870.720   60              .015                        .000     .000    85.000     1
ELEMENT NO  20 IS A JUNCTION           *         *     *     *                  *                  *              *
                U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4     INVERT-3 INVERT-4  PHI 3  PHI 4
                           4508.140 2870.720   60    18     0   .015    8.000      .000  2874.220      .000  90.000     .000
                                                                                        RADIUS    ANGLE
                                                                                          .000     .000
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
ELEMENT NO  21 IS A REACH              *         *     *
                U/S DATA   STATION    INVERT  SECT              N                        RADIUS    ANGLE     ANG PT  MAN H
                           4726.510 2871.940   60              .015                        .000     .000      .000     0
ELEMENT NO  22 IS A SYSTEM HEADWORKS                   *                  *
                U/S DATA   STATION    INVERT  SECT                                    W S ELEV
                           4726.510 2871.940   60                                        .000
```

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
3338.340	2830.250	3.630	2833.880	420.00	23.47	8.56	2842.44	.00	5.42	5.87	6.000	.000	.00	1 .0
15.479	.0498					.0274	.42	3.63	2.37	3.04	.015	.00	.00	PIPE
3353.819	2831.021	3.710	2834.730	420.00	22.88	8.13	2842.86	.00	5.42	5.83	6.000	.000	.00	1 .0
23.552	.0498					.0250	.59	3.71	2.27	3.04	.015	.00	.00	PIPE
3377.370	2832.194	3.864	2836.058	420.00	21.82	7.39	2843.45	.00	5.42	5.75	6.000	.000	.00	1 .0
18.356	.0498					.0222	.41	3.86	2.10	3.04	.015	.00	.00	PIPE
3395.727	2833.108	4.029	2837.138	420.00	20.80	6.72	2843.86	.00	5.42	5.64	6.000	.000	.00	1 .0
14.432	.0498					.0197	.28	4.03	1.94	3.04	.015	.00	.00	PIPE
3410.159	2833.827	4.206	2838.033	420.00	19.83	6.11	2844.14	.00	5.42	5.49	6.000	.000	.00	1 .0
11.310	.0498					.0176	.20	4.21	1.78	3.04	.015	.00	.00	PIPE
3421.468	2834.390	4.398	2838.788	420.00	18.91	5.55	2844.34	.00	5.42	5.31	6.000	.000	.00	1 .0
8.701	.0498					.0158	.14	4.40	1.63	3.04	.015	.00	.00	PIPE
3430.170	2834.824	4.606	2839.430	420.00	18.03	5.05	2844.48	.00	5.42	5.07	6.000	.000	.00	1 .0
6.391	.0498					.0142	.09	4.61	1.48	3.04	.015	.00	.00	PIPE
3436.561	2835.142	4.838	2839.980	420.00	17.19	4.59	2844.57	.00	5.42	4.74	6.000	.000	.00	1 .0
4.158	.0498					.0129	.05	4.84	1.33	3.04	.015	.00	.00	PIPE
3440.719	2835.349	5.102	2840.451	420.00	16.39	4.17	2844.62	.00	5.42	4.28	6.000	.000	.00	1 .0
1.621	.0498					.0119	.02	5.10	1.18	3.04	.015	.00	.00	PIPE

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
3442.340	2835.430	5.421	2840.851	420.00	15.63	3.79	2844.64	.00	5.42	3.54	6.000	.000	.00	1 .0
TRANS STR	.0033					.0027	.02	5.42	1.00		.015	.00	.00	PIPE

3448.400	2835.450	8.974	2844.424	420.00	7.90	.97	2845.39	.00	4.41	.00			2	0	.0
8.700	.0023					.0027	.02	.00	.00	6.262	.015			IR-COV	
3457.100	2835.470	9.036	2844.506	420.00	7.90	.97	2845.47	.00	4.41	.00			2	0	.0
18.000	.0050					.0027	.05	9.04	.00	4.532	.015			IR-COV	
3475.100	2835.560	8.994	2844.554	420.00	7.90	.97	2845.52	.00	4.41	.00			2	0	.0
10.430	.0077					.0027	.03	.00	.00	3.861	.015			IR-COV	
3485.530	2835.640	9.007	2844.647	420.00	7.90	.97	2845.61	.00	4.41	.00			2	0	.0
JUNCT STR	.0000					.0023	.00	.00	.00		.015			IR-COV	

---------- WARNING - Junction Analysis - Irregular Channel----------

3485.530	2835.640	9.178	2844.818	390.00	7.33	.83	2845.65	.00	4.19	.00			2	0	.0
35.940	.0042					.0023	.08	.00	.00	4.589	.015			IR-COV	
3521.470	2835.790	9.215	2845.005	390.00	7.33	.83	2845.84	.00	4.19	.00			2	0	.0
43.000	.0051					.0023	.10	9.21	.00	4.249	.015			IR-COV	
3564.470	2836.010	9.095	2845.105	390.00	7.33	.83	2845.94	.00	4.19	.00			2	0	.0
TRANS STR	.0050					.0023	.02	9.09	.00		.015			IR-COV	

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FILE: SCP1.WSW

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 9:42:10

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE CANYON PARK STORM DRAIN ALIGNMENT MODEL "SCP1"

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE	Dpth Froude N	Norm Dp "N"	X-Fall	ZR	Type Ch	
3574.470	2836.060	8.763	2844.823	390.00	9.75	1.48	2846.30	.00	4.19	8.00	5.000	8.000	.00	0 .0
74.000	.0101					.0055	.40	8.76	.77	3.30	.015	.00	.00	BOX
3648.470	2836.810	8.710	2845.520	390.00	9.75	1.48	2847.00	.00	4.19	8.00	5.000	8.000	.00	0 .0
JUNCT STR	.0000							8.71	.77		.015	.00	.00	BOX
3648.470	2836.810	4.004	2840.814	375.00	22.25	7.69	2848.50	.00	4.85	3.99	5.000	.000	.00	1 .0
55.500	.0299					.0286	1.59	4.00	1.91	3.93	.015	.00	.00	PIPE
3703.970	2838.470	4.031	2842.500	375.00	22.11	7.59	2850.09	.00	4.85	3.95	5.000	.000	.00	1 .0
HYDRAULIC DROP														
3703.970	2838.470	6.159	2844.629	375.00	19.10	5.66	2850.29	.00	4.85	.00	5.000	.000	.00	1 .0
35.440	.0288					.0276	.98	6.16	.00	4.01	.015	.00	.00	PIPE
3739.410	2839.490	6.401	2845.891	375.00	19.10	5.66	2851.55	.00	4.85	.00	5.000	.000	.00	1 .0

JUNCT STR	.0000					.0267	.00	6.40	.00			.015	.00	.00	PIPE				
3739.410	2839.490	7.172	2846.662	362.00	18.44	5.28	2851.94	.00	4.83	.00	5.000	.000	.00	1	.0				
88.687	.0302					.0257	2.28	7.17	.00	3.79	.015	.00	.00	PIPE					
3828.097	2842.167	6.854	2849.020	362.00	18.44	5.28	2854.30	.00	4.83	.00	5.000	.000	.00	1	.0				
HYDRAULIC JUMP																			
3828.097	2842.167	3.600	2845.767	362.00	23.92	8.88	2854.65	.00	4.83	4.49	5.000	.000	.00	1	.0				
19.338	.0302					.0343	.66	3.60	2.30	3.79	.015	.00	.00	PIPE					

FILE: SCP1.WSW

W S P G W - CIVILDESIGN Version 14.08

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 9:42:10

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE CANYON PARK STORM DRAIN ALIGNMENT MODEL "SCP1"

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL		No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR		Type Ch
3847.435	2842.750	3.591	2846.341	362.00	23.99	8.93	2855.27	.00	4.83	4.50	5.000	.000	.00	1	.0
118.326	.0302					.0364	4.31	3.59	2.31	3.79	.015	.00	.00	PIPE	
3965.761	2846.321	3.437	2849.758	362.00	25.16	9.83	2859.58	.00	4.83	4.64	5.000	.000	.00	1	.0
78.479	.0302					.0409	3.21	3.44	2.52	3.79	.015	.00	.00	PIPE	
4044.240	2848.690	3.294	2851.984	362.00	26.38	10.81	2862.79	.00	4.83	4.74	5.000	.000	.00	1	.0
JUNCT STR	.0000					.0446	.00	3.29	2.73		.015	.00	.00	PIPE	
4044.240	2848.690	3.189	2851.879	356.00	26.93	11.26	2863.14	.00	4.82	4.81	5.000	.000	.00	1	.0
200.000	.0475					.0437	8.75	3.19	2.86	3.15	.015	.00	.00	PIPE	
4244.240	2858.190	3.302	2861.492	356.00	25.88	10.40	2871.89	.00	4.82	4.74	5.000	.000	.00	1	.0
29.409	.0475					.0410	1.21	3.30	2.68	3.15	.015	.00	.00	PIPE	
4273.649	2859.586	3.333	2862.919	356.00	25.60	10.18	2873.10	.00	4.82	4.71	5.000	.000	.00	1	.0
84.729	.0475					.0383	3.24	3.33	2.63	3.15	.015	.00	.00	PIPE	
4358.379	2863.609	3.479	2867.088	356.00	24.41	9.25	2876.34	.00	4.82	4.60	5.000	.000	.00	1	.0
51.271	.0475					.0341	1.75	3.48	2.42	3.15	.015	.00	.00	PIPE	
4409.650	2866.044	3.636	2869.679	356.00	23.28	8.41	2878.09	.00	4.82	4.45	5.000	.000	.00	1	.0
35.084	.0475					.0306	1.07	3.64	2.21	3.15	.015	.00	.00	PIPE	
4444.735	2867.709	3.807	2871.516	356.00	22.19	7.65	2879.16	.00	4.82	4.26	5.000	.000	.00	1	.0
25.319	.0475					.0275	.70	3.81	2.02	3.15	.015	.00	.00	PIPE	

FILE: SCP1.WSW

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Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING

Date: 2- 8-2018 Time: 9:42:10

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SKYE CANYON PARK STORM DRAIN ALIGNMENT MODEL "SCP1"

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
4470.054	2868.912	3.996	2872.908	356.00	21.16	6.95	2879.86	.00	4.82	4.01	5.000	.000	.00	1 .0
18.521	.0475					.0249	.46	4.00	1.82	3.15	.015	.00	.00	PIPE
4488.575	2869.791	4.210	2874.001	356.00	20.18	6.32	2880.32	.00	4.82	3.65	5.000	.000	.00	1 .0
13.022	.0475					.0229	.30	4.21	1.62	3.15	.015	.00	.00	PIPE
4501.598	2870.409	4.465	2874.875	356.00	19.24	5.75	2880.62	.00	4.82	3.09	5.000	.000	.00	1 .0
6.542	.0475					.0219	.14	4.47	1.39	3.15	.015	.00	.00	PIPE
4508.140	2870.720	4.821	2875.541	356.00	18.34	5.22	2880.76	.00	4.82	1.86	5.000	.000	.00	1 .0
JUNCT STR	.0000					.0228	.00	4.82	1.00		.015	.00	.00	PIPE
4508.140	2870.720	5.395	2876.115	348.00	17.72	4.88	2880.99	.00	4.81	.00	5.000	.000	.00	1 .0
218.370	.0056					.0238	5.19	5.40	.00	5.00	.015	.00	.00	PIPE
4726.510	2871.940	9.366	2881.306	348.00	17.72	4.88	2886.18	.00	4.81	.00	5.000	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE CANYON PARK STORM DRAIN ALIGNMENT MODEL "SCP1"

3338.34 .I W CH E . R

3355.48 . I W CH E . R

3372.62 . .

3389.75 . I W CH E . R

3406.89 . I W CH E . R

3424.03 . I W CH E . R

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3441.17   .      I      W CH      E                                  .   R
3458.31   .      I      WCH      E                                  .   R
3475.44   .      I      WCH      E                                  .   R
3492.58   .      I      WH      E                                  .   R
3509.72   .      I      WH      E                                  .   TX
3526.86   .      I      C   H   W E                                .   R
3543.99   .      I      C   H   W E                                .   R
3561.13   .      I      C    H  W E                                .   R
3578.27   .      I      C    H  W E                                .   JX
3595.41   .      I      C    H   WE                                .   R
3612.55   .      I      C    H   WE                                .   R
3629.68   .       I     C    H   W E                               .   TX
3646.82   .       I     C H      W E                               .   R
3663.96   .        I      CH      W E                              .   JX
3681.10   .        I     W H          E                            .   R
3698.24   .                                                        .
3715.37   .           I     W H          E                         .   R
3732.51   .           I       H W        E                         .   R
3749.65   .             I       H W          E                     .   JX
3766.79   .             I       H   W        E                     .   R
3783.93   .                                                        .
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3801.06   .                                                                  .
3818.20   .                                                                  .
3835.34   .                I      CH  W       E                              .   R
3852.48   .                I    W CH           E                              .   R
3869.61   .                 I    W CH           E                             .   R
3886.75   .                                                                  .
3903.89   .                                                                  .
3921.03   .                                                                  .
3938.17   .                                                                  .
3955.30   .                                                                  .
3972.44   .                      I    W  H            E                      .   R
3989.58   .                                                                  .
4006.72   .                                                                  .
4023.86   .                                                                  .
4040.99   .                                                                  .
4058.13   .                          I    W  H             E                  .   JX
4075.27   .                          I    W  H             E                  .   R
4092.41   .                                                                  .
4109.55   .                                                                  .
4126.68   .                                                                  .
4143.82   .                                                                  .
4160.96   .                                                                  .
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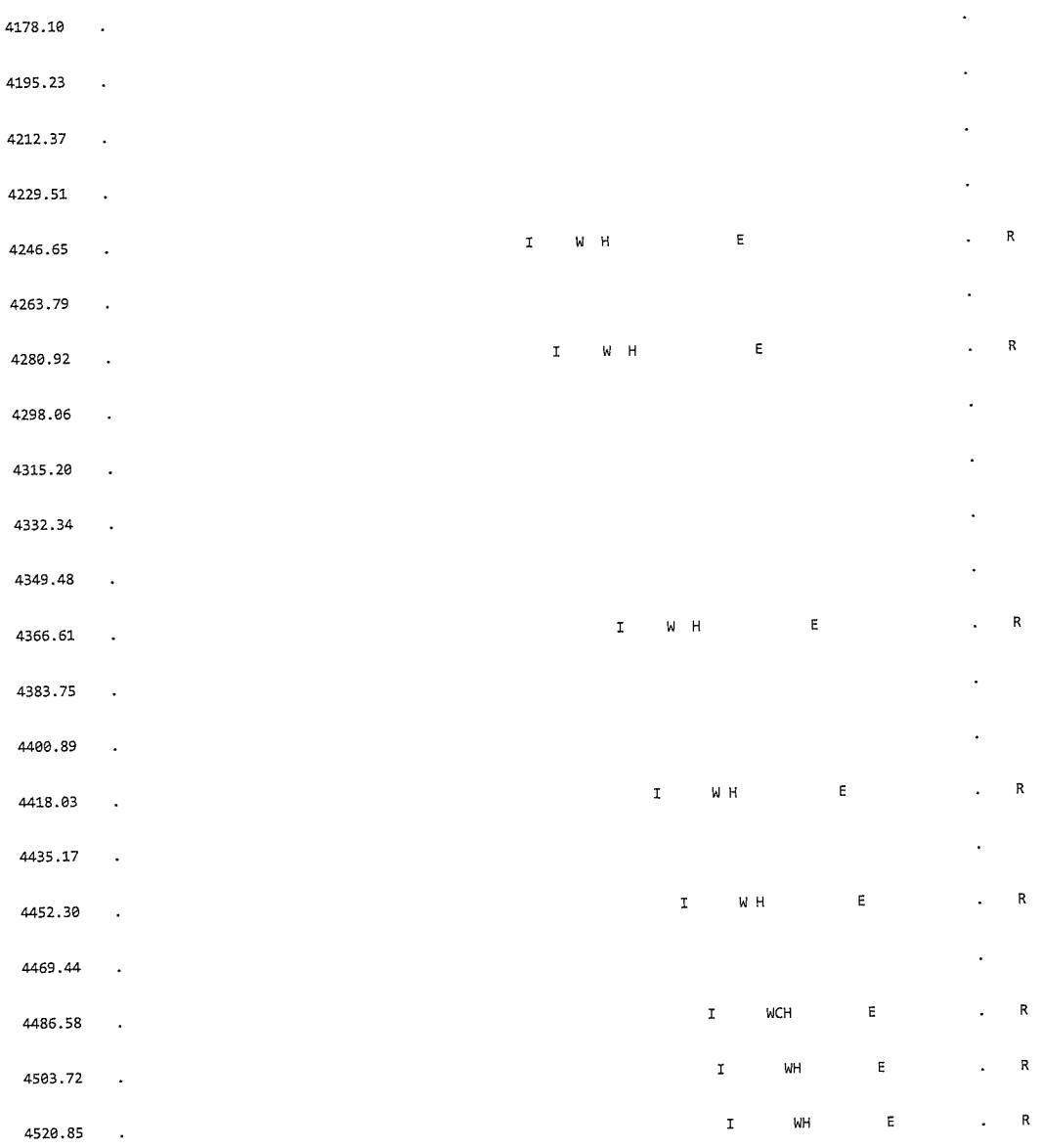
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4263.79
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4366.61
4383.75
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4418.03
4435.17
4452.30
4469.44
4486.58
4503.72
4520.85
I W H E R
I W H E R
I W H E R
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I W H E R
I WCH E R
I WH E R
I WH E R

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4537.99   .                                                  I     WH      E        .   JX

4555.13   .                                                  I     CH      E        .   R

4572.27   .                                                                           .

4589.41   .                                                                           .

4606.54   .                                                                           .

4623.68   .                                                                           .

4640.82   .                                                                           .

4657.96   .                                                                           .

4675.10   .                                                                           .

4692.23   .                                                                           .

4709.37   .                                                                           .

4726.51   .                                                   I      H      W      E .   R

        2830.250  2835.844  2841.437  2847.031  2852.624  2858.218  2863.811  2869.405  2874.998  2880.592  2886.184
```

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Skye Canyon Park Drive

USCP1-Laterals

Ultimate Condition WSPG Summary

Lateral to Mainline in Skye Canyon Park along Southern Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	60+57.92	PP-04	18" RCP	2874.22	8.00	2874.67	18.23	2890.22	OK
1084.95	59+72.92	LAT-01	18" RCP	2887.94	8.00	2888.89	6.78	2894.25	OK
1084.96	59+72.92	LAT-01	18" RCP	2887.95	8.00	2888.91	6.67	2894.25	OK
1084.97	59+72.92	LAT-01	18" RCP	2887.96	8.00	2888.94	6.55	2894.25	OK
1084.98	59+72.92	LAT-01	18" RCP	2887.97	8.00	2888.97	6.40	2894.25	OK
1084.99	59+72.92	LAT-01	18" RCP	2887.98	8.00	2889.01	6.21	2894.25	OK
1085.00	59+72.92	LAT-01	18" RCP	2887.99	8.00	2889.09	5.78	2894.25	OK
1147.68	59+68.17	LAT-01	18" RCP	2888.30	4.00	2889.90	2.26	2893.43	OK
1147.68	59+68.17	LAT-01	18" RCP	2888.30	4.00	2889.90	2.26	2893.43	OK

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T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 SKYE VILLAGE ROAD MAINLINE LATERAL "USCP1-L" (ULTIMATE CONDITION)
SO   1000.0002874.220 18      .013                2876.150
R    1084.9502887.940 18      .013                                      15.00 1
R    1084.9602887.950 18      .013                                      15.00
R    1084.9702887.960 18      .013                                      15.00
R    1084.9802887.970 18      .013                                      15.00
R    1084.9902887.980 18      .013                                      15.00
R    1085.0002887.990 18      .013                                      10.00
JX   1085.0002887.990 18 18   .013    4.000         2887.990          85.0

R    1147.6802888.300 18      .013
SH   1147.6802888.300 18      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
CD  72  4   1    .000   6.000     .000  .000  .000   .00
Q            4.000   .0
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FILE: USCP1-L.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 1-31-2018 Time: 9:38:45

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														
CD	72	4	1		6.000														

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

SKYE VILLAGE ROAD MAINLINE LATERAL "USCP1-L" (ULTIMATE CONDITION)

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * *

	STATION	INVERT	SECT	W S ELEV
U/S DATA	1000.000	2874.220	18	2876.150

ELEMENT NO 2 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1084.950	2887.940	18	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1084.960	2887.950	18	.013	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1084.970	2887.960	18	.013	.000	.000	15.000	0

ELEMENT NO 5 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1084.980	2887.970	18	.013	.000	.000	15.000	0

ELEMENT NO 6 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1084.990	2887.980	18	.013	.000	.000	15.000	0

ELEMENT NO 7 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1085.000	2887.990	18	.013	.000	.000	10.000	0

ELEMENT NO 8 IS A JUNCTION * * * * * *

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1085.000	2887.990	18	18	0	.013	4.000	.000	2887.990	.000	85.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 9 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1147.680	2888.300	18	.013	.000	.000	.000	0

ELEMENT NO 10 IS A SYSTEM HEADWORKS * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1147.680	2888.300	18	.000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SKYE VILLAGE ROAD MAINLINE LATERAL "USCP1-L" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2874.220	.445	2874.665	8.00	18.23	5.16	2879.82	.00	1.10	1.37	1.500	.000	.00	1 .0
31.255	.1615					.1506	4.71	.44	5.67	.44	.013	.00	.00	PIPE
1031.255	2879.268	.456	2879.724	8.00	17.59	4.81	2884.53	.00	1.10	1.38	1.500	.000	.00	1 .0
15.453	.1615					.1343	2.07	.46	5.40	.44	.013	.00	.00	PIPE
1046.708	2881.764	.472	2882.236	8.00	16.77	4.37	2886.61	.00	1.10	1.39	1.500	.000	.00	1 .0
8.665	.1615					.1176	1.02	.47	5.05	.44	.013	.00	.00	PIPE
1055.374	2883.163	.489	2883.652	8.00	15.99	3.97	2887.62	.00	1.10	1.41	1.500	.000	.00	1 .0
5.876	.1615					.1030	.61	.49	4.73	.44	.013	.00	.00	PIPE
1061.250	2884.112	.506	2884.618	8.00	15.25	3.61	2888.23	.00	1.10	1.42	1.500	.000	.00	1 .0
4.354	.1615					.0903	.39	.51	4.42	.44	.013	.00	.00	PIPE
1065.604	2884.815	.524	2885.340	8.00	14.54	3.28	2888.62	.00	1.10	1.43	1.500	.000	.00	1 .0
3.395	.1615					.0791	.27	.52	4.13	.44	.013	.00	.00	PIPE
1068.999	2885.364	.543	2885.907	8.00	13.86	2.98	2888.89	.00	1.10	1.44	1.500	.000	.00	1 .0
2.733	.1615					.0694	.19	.54	3.86	.44	.013	.00	.00	PIPE
1071.732	2885.805	.562	2886.368	8.00	13.22	2.71	2889.08	.00	1.10	1.45	1.500	.000	.00	1 .0
2.248	.1615					.0608	.14	.56	3.61	.44	.013	.00	.00	PIPE
1073.980	2886.168	.583	2886.751	8.00	12.60	2.47	2889.22	.00	1.10	1.46	1.500	.000	.00	1 .0
1.878	.1615					.0534	.10	.58	3.37	.44	.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SKYE VILLAGE ROAD MAINLINE LATERAL "USCP1-L" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1075.858	2886.471	.604	2887.075	8.00	12.02	2.24	2889.32	.00	1.10	1.47	1.500	.000	.00	1 .0
1.586	.1615					.0468	.07	.60	3.15	.44	.013	.00	.00	PIPE
1077.444	2886.728	.626	2887.353	8.00	11.46	2.04	2889.39	.00	1.10	1.48	1.500	.000	.00	1 .0
1.348	.1615					.0411	.06	.63	2.94	.44	.013	.00	.00	PIPE
1078.792	2886.945	.649	2887.594	8.00	10.92	1.85	2889.45	.00	1.10	1.49	1.500	.000	.00	1 .0
1.152	.1615					.0361	.04	.65	2.74	.44	.013	.00	.00	PIPE
1079.944	2887.131	.673	2887.804	8.00	10.42	1.68	2889.49	.00	1.10	1.49	1.500	.000	.00	1 .0
.987	.1615					.0318	.03	.67	2.56	.44	.013	.00	.00	PIPE
1080.931	2887.291	.698	2887.989	8.00	9.93	1.53	2889.52	.00	1.10	1.50	1.500	.000	.00	1 .0
.845	.1615					.0279	.02	.70	2.39	.44	.013	.00	.00	PIPE
1081.776	2887.427	.724	2888.151	8.00	9.47	1.39	2889.54	.00	1.10	1.50	1.500	.000	.00	1 .0
.724	.1615					.0246	.02	.72	2.22	.44	.013	.00	.00	PIPE
1082.500	2887.544	.752	2888.296	8.00	9.03	1.27	2889.56	.00	1.10	1.50	1.500	.000	.00	1 .0
.617	.1615					.0217	.01	.75	2.07	.44	.013	.00	.00	PIPE
1083.117	2887.644	.781	2888.424	8.00	8.61	1.15	2889.57	.00	1.10	1.50	1.500	.000	.00	1 .0
.522	.1615					.0191	.01	.78	1.93	.44	.013	.00	.00	PIPE
1083.638	2887.728	.811	2888.539	8.00	8.21	1.05	2889.58	.00	1.10	1.50	1.500	.000	.00	1 .0
.437	.1615					.0168	.01	.81	1.79	.44	.013	.00	.00	PIPE

FILE: USCP1-L.WSW W S P G W - CIVILDESIGN Version 14.08
Program Package Serial Number: 7189
WATER SURFACE PROFILE LISTING Date: 1-31-2018 Time: 9:38:48

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
SKYE VILLAGE ROAD MAINLINE LATERAL "USCP1-L" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1084.075	2887.799	.843	2888.641	8.00	7.83	.95	2889.59	.00	1.10	1.49	1.500	.000	.00	1 .0
.360	.1615					.0149	.01	.84	1.66	.44	.013	.00	.00	PIPE
1084.435	2887.857	.876	2888.733	8.00	7.46	.86	2889.60	.00	1.10	1.48	1.500	.000	.00	1 .0
.290	.1615					.0131	.00	.88	1.54	.44	.013	.00	.00	PIPE
1084.725	2887.904	.912	2888.815	8.00	7.11	.79	2889.60	.00	1.10	1.46	1.500	.000	.00	1 .0
.225	.1615					.0116	.00	.91	1.43	.44	.013	.00	.00	PIPE
1084.950	2887.940	.950	2888.890	8.00	6.78	.71	2889.60	.00	1.10	1.45	1.500	.000	.00	1 .0
.010	1.0000					.0107	.00	.95	1.32	.28	.013	.00	.00	PIPE
1084.960	2887.950	.963	2888.913	8.00	6.67	.69	2889.60	.00	1.10	1.44	1.500	.000	.00	1 .0
.010	1.0000					.0103	.00	.96	1.29	.28	.013	.00	.00	PIPE
1084.970	2887.960	.979	2888.939	8.00	6.55	.67	2889.60	.00	1.10	1.43	1.500	.000	.00	1 .0
.010	1.0000					.0097	.00	.98	1.25	.28	.013	.00	.00	PIPE
1084.980	2887.970	.999	2888.969	8.00	6.40	.64	2889.60	.00	1.10	1.42	1.500	.000	.00	1 .0
.010	1.0000					.0091	.00	1.00	1.20	.28	.013	.00	.00	PIPE
1084.990	2887.980	1.026	2889.006	8.00	6.21	.60	2889.61	.00	1.10	1.40	1.500	.000	.00	1 .0
.005	1.0000					.0086	.00	1.03	1.14	.28	.013	.00	.00	PIPE
1084.995	2887.985	1.047	2889.032	8.00	6.07	.57	2889.60	.00	1.10	1.38	1.500	.000	.00	1 .0
.005	1.0000					.0079	.00	1.05	1.09	.28	.013	.00	.00	PIPE

FILE: USCP1-L.WSW W S P G W - CIVILDESIGN Version 14.08

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 1-31-2018 Time: 9:38:48

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE VILLAGE ROAD MAINLINE LATERAL "USCP1-L" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip

L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1085.000	2887.990	1.096	2889.086	8.00	5.78	.52	2889.61	.00	1.10	1.33	1.500	.000	.00	1 .0
JUNCT STR	.0000					.0044	.00	1.10	1.00		.013	.00	.00	PIPE
1085.000	2887.990	1.814	2889.804	4.00	2.26	.08	2889.88	.00	.77	.00	1.500	.000	.00	1 .0
62.680	.0049					.0015	.09	1.81	.00	.79	.013	.00	.00	PIPE
1147.680	2888.300	1.595	2889.895	4.00	2.26	.08	2889.97	.00	.77	.00	1.500	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

SKYE VILLAGE ROAD MAINLINE LATERAL "USCP1-L" (ULTIMATE CONDITION)

```
1000.00    .I W   C  H                    E                                                  .    R

1002.50    .                                                                                  .

1005.01    .                                                                                  .

1007.51    .                                                                                  .

1010.01    .                                                                                  .

1012.52    .                                                                                  .

1015.02    .                                                                                  .

1017.52    .                                                                                  .
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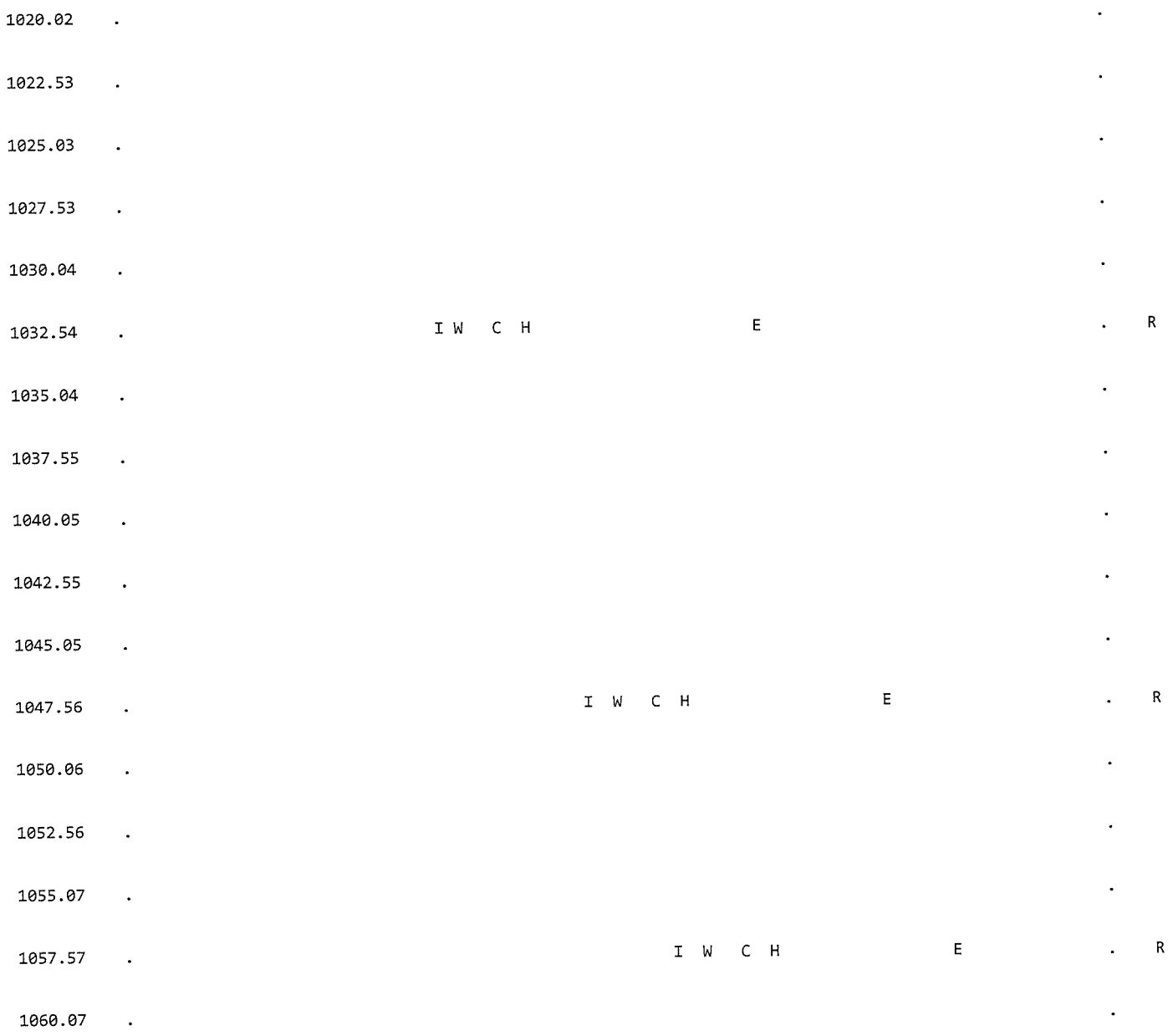
1020.02
1022.53
1025.03
1027.53
1030.04
1032.54
I W C H E R
1035.04
1037.55
1040.05
1042.55
1045.05
1047.56
I W C H E R
1050.06
1052.56
1055.07
1057.57
I W C H E R
1060.07

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1062.58    .                    I   W  C  H             E           .   R

1065.08    .                                                        .

1067.58    .                        I  W   C H            E        .   R

1070.09    .                          I   W  C  H          E      .   R

1072.59    .                            I   W  C  H        E     .   R

1075.09    .                              I   W  C  H       E    .   R

1077.59    .                                I   W  C  H      E    .   R

1080.10    .                                  I   W  C H      E   .   R

1082.60    .                                    I   W  C  H    E   .   R

1085.10    .                                      I   W C  H   E   .   R

1087.61    .                                        I   W C  H   E  .   R

1090.11    .                                          I   W C  H  E  .   R

1092.61    .                                            I   W C  H E  .   R

1095.12    .                                              I   W C H  E  .   R

1097.62    .                                              I   W C  H E  .   R

1100.12    .                                                I   W C H E  .   R

1102.63    .                                                I    WC  HE  .   R
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1105.13 . I WC HE . R

1107.63 . I WC HE . R

1110.13 . I WC HE . R

1112.64 . I WC HE . R

1115.14 . I WC HE . R

1117.64 . I WC HE . R

1120.15 . I W HE . R

1122.65 . I W HE . JX

1125.15 . I C H WE . R

1127.66 . .

1130.16 . .

1132.66 . .

1135.16 . .

1137.67 . .

1140.17 . .

1142.67 . .

1145.18 . .

1147.68 . I C HWE. R

2874.220 2875.795 2877.371 2878.946 2880.522 2882.097 2883.673 2885.248 2886.823 2888.399 2889.974

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Egan Crest Drive

U/EGN1-Main Crossing Alignment

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T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN1" (ULTIMATE CONDITION)
SO   1000.0002897.000 60      .013                2902.00
R    1039.9702897.970 60      .013                                      15.00 1
R    1039.9802897.980 60      .013                                      15.00
R    1039.9902897.990 60      .013                                      15.00
R    1040.0002898.000 60      .013                                      10.00
JX   1040.0002898.000 60 18   .013    7.00          2901.000         45.0
R    1155.2802901.630 60      .013                                      15.00 1
R    1155.2902901.640 60      .013                                      15.00
R    1155.3002901.650 60      .013                                      15.00
R    1155.3102901.660 60      .013                                       5.00
JX   1155.3102902.160 54 36   .013   50.00          2903.660         35.0
R    1222.4502902.330 54      .013
SH   1222.4502902.330 54      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
Q           293.000   .0
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FILE: UEGN1.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 2- 1-2018 Time: 2:21:39

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING PAGE 1

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														

W S P G W PAGE NO 1

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN1" (ULTIMATE CONDITION)

W S P G W PAGE NO 2

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

	STATION	INVERT	SECT	W S ELEV
U/S DATA	1000.000	2897.000	60	2902.000

ELEMENT NO 2 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1039.970	2897.970	60	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1039.980	2897.980	60	.013	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1039.990	2897.990	60	.013	.000	.000	15.000	0

ELEMENT NO 5 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1040.000	2898.000	60	.013	.000	.000	10.000	0

ELEMENT NO 6 IS A JUNCTION * * * * * *

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1040.000	2898.000	60	18	0	.013	7.000	.000	2901.000	.000	45.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 7 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1155.280	2901.630	60	.013	.000	.000	15.000	1

ELEMENT NO 8 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1155.290	2901.640	60	.013	.000	.000	15.000	0

ELEMENT NO 9 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1155.300	2901.650	60	.013	.000	.000	15.000	0

ELEMENT NO 10 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1155.310	2901.660	60	.013	.000	.000	5.000	0

ELEMENT NO 11 IS A JUNCTION

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1155.310	2902.160	54	36	0	.013	50.000	.000	2903.660	.000	35.000	.000

RADIUS	ANGLE
.000	.000

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 12 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1222.450	2902.330	54	.013	.000	.000	.000	0

ELEMENT NO 13 IS A SYSTEM HEADWORKS

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1222.450	2902.330	54	.000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN1" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2897.000	3.822	2900.822	350.00	21.73	7.34	2908.16	.00	4.81	4.24	5.000	.000	.00	1 .0
39.970	.0243					.0205	.82	3.82	1.97	3.58	.013	.00	.00	PIPE
1039.970	2897.970	3.876	2901.846	350.00	21.43	7.13	2908.98	.00	4.81	4.17	5.000	.000	.00	1 .0
.010	1.0000					.0201	.00	3.88	1.91	1.24	.013	.00	.00	PIPE
1039.980	2897.980	3.880	2901.860	350.00	21.41	7.12	2908.98	.00	4.81	4.17	5.000	.000	.00	1 .0
.010	1.0000					.0201	.00	3.88	1.91	1.24	.013	.00	.00	PIPE
1039.990	2897.990	3.884	2901.874	350.00	21.39	7.10	2908.98	.00	4.81	4.16	5.000	.000	.00	1 .0
.010	1.0000					.0201	.00	3.88	1.90	1.24	.013	.00	.00	PIPE
1040.000	2898.000	3.887	2901.887	350.00	21.37	7.09	2908.98	.00	4.81	4.16	5.000	.000	.00	1 .0
JUNCT STR	.0000					.0207	.00	3.89	1.90		.013	.00	.00	PIPE
1040.000	2898.000	3.708	2901.708	343.00	21.97	7.49	2909.20	.00	4.79	4.38	5.000	.000	.00	1 .0
6.750	.0315					.0213	.14	3.71	2.05	3.21	.013	.00	.00	PIPE
1046.750	2898.213	3.730	2901.942	343.00	21.84	7.40	2909.35	.00	4.79	4.35	5.000	.000	.00	1 .0
43.132	.0315					.0201	.87	3.73	2.03	3.21	.013	.00	.00	PIPE
1089.882	2899.571	3.910	2903.481	343.00	20.82	6.73	2910.21	.00	4.79	4.13	5.000	.000	.00	1 .0
30.676	.0315					.0181	.56	3.91	1.84	3.21	.013	.00	.00	PIPE
1120.558	2900.537	4.112	2904.649	343.00	19.85	6.12	2910.77	.00	4.79	3.82	5.000	.000	.00	1 .0
21.572	.0315					.0165	.36	4.11	1.65	3.21	.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN1" (ULTIMATE CONDITION)

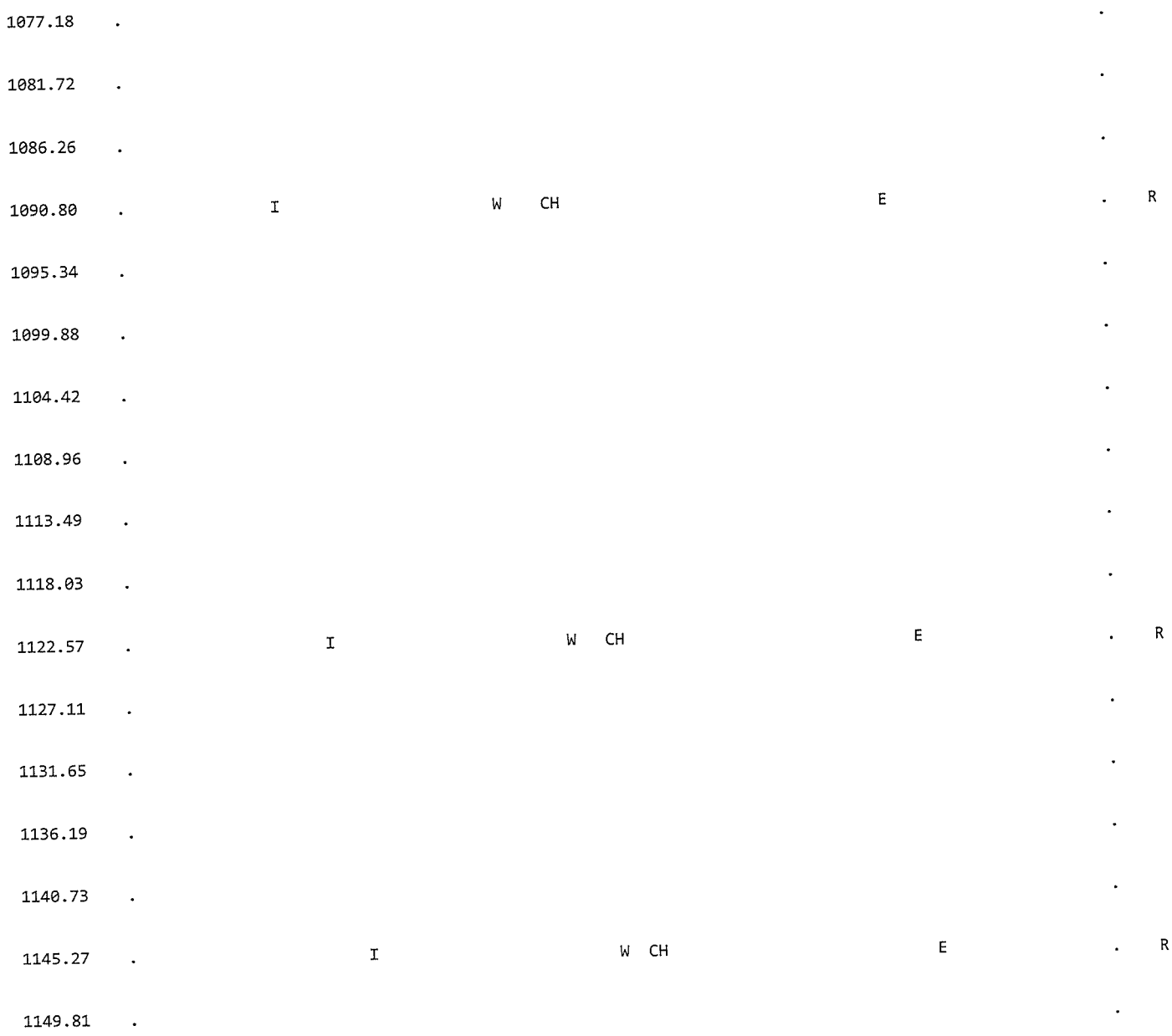
Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1142.130	2901.216	4.346	2905.562	343.00	18.93	5.56	2911.12	.00	4.79	3.37	5.000	.000	.00	1 .0
13.150	.0315					.0154	.20	4.35	1.44	3.21	.013	.00	.00	PIPE
1155.280	2901.630	4.640	2906.270	343.00	18.05	5.06	2911.33	.00	4.79	2.58	5.000	.000	.00	1 .0
.010	1.0000					.0150	.00	4.64	1.17	1.23	.013	.00	.00	PIPE
1155.290	2901.640	4.669	2906.309	343.00	17.98	5.02	2911.33	.00	4.79	2.49	5.000	.000	.00	1 .0
.010	1.0000					.0150	.00	4.67	1.14	1.23	.013	.00	.00	PIPE
1155.300	2901.650	4.706	2906.356	343.00	17.89	4.97	2911.33	.00	4.79	2.35	5.000	.000	.00	1 .0
.010	1.0000					.0150	.00	4.71	1.10	1.23	.013	.00	.00	PIPE
1155.310	2901.660	4.794	2906.454	343.00	17.72	4.87	2911.33	.00	4.79	1.99	5.000	.000	.00	1 .0
JUNCT STR	.0000					.0186	.00	4.79	1.00		.013	.00	.00	PIPE
1155.310	2902.160	4.980	2907.140	293.00	18.42	5.27	2912.41	.00	4.38	.00	4.500	.000	.00	1 .0
67.140	.0025					.0222	1.49	4.98	.00	4.50	.013	.00	.00	PIPE
1222.450	2902.330	6.300	2908.630	293.00	18.42	5.27	2913.90	.00	4.38	.00	4.500	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN1" (ULTIMATE CONDITION)

```
1000.00   .I                W    CH                        E                    .   R
1004.54   .                                                                     .
1009.08   .                                                                     .
1013.62   .                                                                     .
1018.16   .                                                                     .
1022.70   .                                                                     .
1027.24   .                                                                     .
1031.78   .                                                                     .
1036.32   .                                                                     .
1040.86   .    I                 W    CH                        E                .   R
1045.40   .    I                 W    CH                        E                .   R
1049.94   .    I                 W    CH                        E                .   R
1054.48   .    I                 W    CH                        E                .   JX
1059.02   .    I                W     CH                         E               .   R
1063.56   .      I                W    CH                         E              .   R
1068.10   .                                                                     .
1072.64   .                                                                     .
```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1090.80
I
W
CH
E
R
1095.34
1099.88
1104.42
1108.96
1113.49
1118.03
1122.57
I
W
CH
E
R
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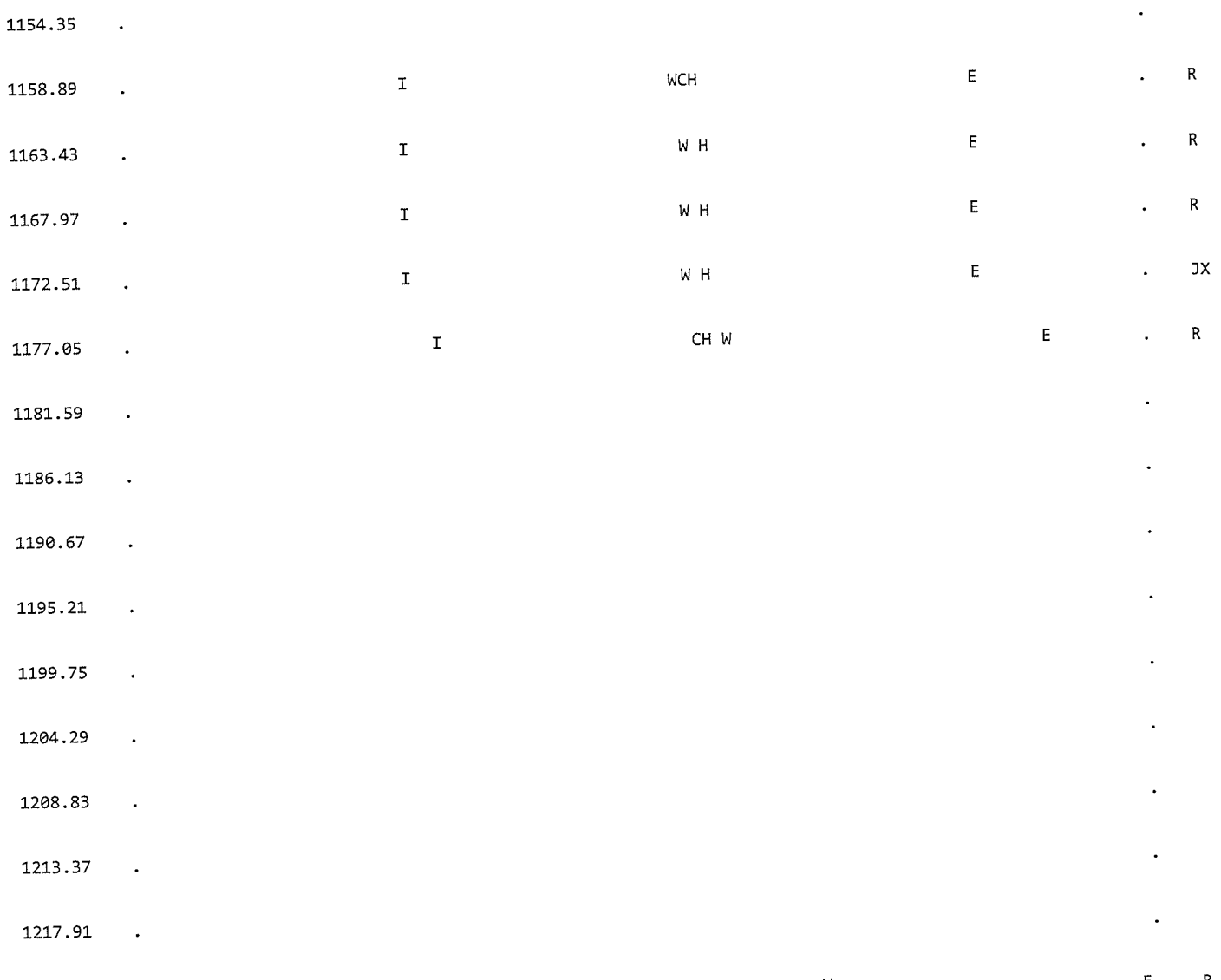
1145.27
I
W
CH
E
R
1149.81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I
WCH
E
R
1163.43
I
W H
E
R
1167.97
I
W H
E
R
1172.51
I
W H
E
JX
1177.05
I
CH W
E
R
1181.59
1186.13
1190.67
1195.21
1199.75
1204.29
1208.83
1213.37
1217.91
1222.45
I
CH
W
E.
R
2897.000
2898.690
2900.380
2902.070
2903.760
2905.450
2907.140
2908.830
2910.520
2912.209
2913.900

N O T E S

1. GLOSSARY
   - I = INVERT ELEVATION
   - C = CRITICAL DEPTH
   - W = WATER SURFACE ELEVATION
   - S = SUPER-ELEVATION
   - H = HEIGHT OF CHANNEL
   - E = ENERGY GRADE LINE
   - X = CURVES CROSSING OVER
   - B = BRIDGE ENTRANCE OR EXIT
   - Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Interim Condition WSPG Summary

Mainline in Egan Crest at Southern Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	N/A	LAT-02	54" RCP	2888.42	321.00	2891.55	27.20	2892.92	OK
1177.45	33+33.36	LAT-02	54" RCP	2897.79	321.00	2902.20	20.28	2915.55	OK
1177.45	33+33.36	LAT-02	54" RCP	2897.79	275.00	2905.36	17.29	2915.55	OK
1262.37	N/A	LAT-02	54" RCP	2902.27	275.00	2907.02	17.29	N/A	OK
1262.37	N/A	LAT-02	54" RCP	2902.27	275.00	2907.02	17.29	N/A	OK

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T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 EGAN CREST MAIN STORM DRAIN CULVER CROSSING ALIGNMENT MODEL "EGN1" (INTERIM CONDITION)
SO   1000.0002888.420 54      .013                2892.92
R    1177.4502897.790 54      .013                                    00.00 1
JX   1177.4502897.790 54 36   .013   46.00          2899.290         62.0
R    1262.3702902.270 54      .013
SH   1262.3702902.270 54      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
Q           275.000   .0
```

FILE: EGN1.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 2- 1-2018 Time:11: 1: 0

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING PAGE 1

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														

W S P G W PAGE NO 1

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

EGAN CREST MAIN STORM DRAIN CULVER CROSSING ALIGNMENT MODEL "EGN1" (INTERI

W S P G W PAGE NO 2

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

	STATION	INVERT	SECT	W S ELEV
U/S DATA	1000.000	2888.420	54	2892.920

ELEMENT NO 2 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1177.450	2897.790	54	.013	.000	.000	.000	1

ELEMENT NO 3 IS A JUNCTION * * * * * * *

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1177.450	2897.790	54	36	0	.013	46.000	.000	2899.290	.000	62.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 4 IS A REACH * * *

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1262.370	2902.270	54	.013	.000	.000	.000	0

ELEMENT NO 5 IS A SYSTEM HEADWORKS * *

	STATION	INVERT	SECT	W S ELEV
U/S DATA	1262.370	2902.270	54	.000

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST MAIN STORM DRAIN CULVER CROSSING ALIGNMENT MODEL "EGN1" (IN

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2888.420	3.128	2891.548	321.00	27.20	11.49	2903.04	.00	4.41	4.14	4.500	.000	.00	1 .0
10.790	.0528					.0384	.41	3.13	2.84	2.80	.013	.00	.00	PIPE
1010.790	2888.990	3.151	2892.140	321.00	26.99	11.31	2903.45	.00	4.41	4.12	4.500	.000	.00	1 .0
52.595	.0528					.0360	1.89	3.15	2.80	2.80	.013	.00	.00	PIPE
1063.385	2891.767	3.294	2895.061	321.00	25.73	10.28	2905.34	.00	4.41	3.99	4.500	.000	.00	1 .0
37.832	.0528					.0322	1.22	3.29	2.56	2.80	.013	.00	.00	PIPE
1101.218	2893.765	3.450	2897.215	321.00	24.53	9.35	2906.56	.00	4.41	3.81	4.500	.000	.00	1 .0
28.446	.0528					.0290	.83	3.45	2.33	2.80	.013	.00	.00	PIPE
1129.663	2895.267	3.623	2898.890	321.00	23.39	8.50	2907.39	.00	4.41	3.57	4.500	.000	.00	1 .0
21.755	.0528					.0263	.57	3.62	2.10	2.80	.013	.00	.00	PIPE
1151.418	2896.416	3.820	2900.235	321.00	22.30	7.72	2907.96	.00	4.41	3.22	4.500	.000	.00	1 .0
16.325	.0528					.0243	.40	3.82	1.86	2.80	.013	.00	.00	PIPE
1167.743	2897.278	4.057	2901.334	321.00	21.27	7.02	2908.36	.00	4.41	2.68	4.500	.000	.00	1 .0
9.707	.0528					.0237	.23	4.06	1.58	2.80	.013	.00	.00	PIPE
1177.450	2897.790	4.413	2902.203	321.00	20.28	6.38	2908.59	.00	4.41	1.24	4.500	.000	.00	1 .0
JUNCT STR	.0000					.0217	.00	4.41	1.00		.013	.00	.00	PIPE
1177.450	2897.790	7.569	2905.359	275.00	17.29	4.64	2910.00	.00	4.34	.00	4.500	.000	.00	1 .0
84.920	.0528					.0196	1.66	7.57	.00	2.54	.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST MAIN STORM DRAIN CULVER CROSSING ALIGNMENT MODEL "EGN1" (IN

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1262.370	2902.270	4.750	2907.020	275.00	17.29	4.64	2911.66	.00	4.34	.00	4.500	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST MAIN STORM DRAIN CULVER CROSSING ALIGNMENT MODEL "EGN1" (IN

1000.00 .I W CH E . R
1005.35 .
1010.71 .
1016.06 . I W H E . R
1021.42 .
1026.77 .
1032.13 .
1037.48 .

1042.84
1048.19
1053.54
1058.90
1064.25
I
W
H
E
R
1069.61
1074.96
1080.32
1085.67
1091.03
1096.38
1101.74
I
W
CH
E
R
1107.09
1112.44
1117.80
1123.15
1128.51

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1133.86   .                I            W  H                    E                .   R
1139.22   .                                                                        .
1144.57   .                                                                        .
1149.93   .                                                                        .
1155.28   .                    I            W  H                    E              .   R
1160.63   .                                                                        .
1165.99   .                                                                        .
1171.34   .                        I            W H                    E            .   R
1176.70   .                                                                        .
1182.05   .                          I              H                    E          .   JX
1187.41   .                          I              CH          W              E    .   R
1192.76   .                                                                        .
1198.12   .                                                                        .
1203.47   .                                                                        .
1208.83   .                                                                        .
1214.18   .                                                                        .
1219.53   .                                                                        .
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  1224.89    .                                                
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Egan Crest Drive

U/EGN2-North Alignment

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T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "UEGN2" (ULTIMATE CONDITION)
SO    916.6402901.500 18      .013                2901.86
R     942.7802906.000 18      .013                                        15.00 1
R     942.7902906.100 18      .013                                        15.00
R     942.8002906.200 18      .013                                        15.00
R    1071.4602911.360 18      .013                                        13.00 1
R    1127.3402911.910 18      .013                                        10.00 1
R    1341.2902916.140 18      .013                                        15.00 1
R    1341.3002916.150 18      .013                                        15.00
R    1341.3102916.160 18      .013                                        15.00
R    1341.3202916.170 18      .013                                        15.00
R    1341.3302916.180 18      .013                                        15.00
R    1341.3402916.190 18      .013                                        15.00 1
R    1440.2902920.100 18      .013                                        15.00
R    1440.3002920.110 18      .013                                        15.00
R    1440.3102920.120 18      .013                                        15.00
R    1440.3202920.130 18      .013                                        15.00
R    1440.3302920.140 18      .013                                        15.00
R    1440.3402920.150 18      .013                                        15.00
JX   1440.3402920.150 18 18   .013    3.50          2920.150        67.0
R    1484.7402921.490 18      .013
SH   1484.7102921.490 18      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
Q            3.500   .0
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FILE: UEGN2.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 2- 1-2018 Time: 2:34:57

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														

W S P G W

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "UEGN2" (ULTI

W S P G W

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	916.640	2901.500	18	2901.860

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	942.780	2906.000	18	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	942.790	2906.100	18	.013	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	942.800	2906.200	18	.013	.000	.000	15.000	0

ELEMENT NO 5 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1071.460	2911.360	18	.013	.000	.000	13.000	1

ELEMENT NO 6 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1127.340	2911.910	18	.013	.000	.000	10.000	1

ELEMENT NO 7 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1341.290	2916.140	18	.013	.000	.000	15.000	1

ELEMENT NO 8 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1341.300	2916.150	18	.013	.000	.000	15.000	0

ELEMENT NO 9 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1341.310	2916.160	18	.013	.000	.000	15.000	0

ELEMENT NO 10 IS A REACH * * *

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                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1341.320 2916.170   18              .013                           .000     .000    15.000     0
ELEMENT NO  11 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1341.330 2916.180   18              .013                           .000     .000    15.000     0
ELEMENT NO  12 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1341.340 2916.190   18              .013                           .000     .000    15.000     0
ELEMENT NO  13 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1440.290 2920.100   18              .013                           .000     .000    15.000     1
                                                  W S P G W                                                          PAGE NO   3
                          WATER SURFACE PROFILE - ELEMENT CARD LISTING
ELEMENT NO  14 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1440.300 2920.110   18              .013                           .000     .000    15.000     0
ELEMENT NO  15 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1440.310 2920.120   18              .013                           .000     .000    15.000     0
ELEMENT NO  16 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1440.320 2920.130   18              .013                           .000     .000    15.000     0
ELEMENT NO  17 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1440.330 2920.140   18              .013                           .000     .000    15.000     0
ELEMENT NO  18 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1440.340 2920.150   18              .013                           .000     .000    15.000     0
ELEMENT NO  19 IS A JUNCTION         *         *     *     *                  *                  *                *
                    U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4     INVERT-3 INVERT-4  PHI 3  PHI 4
                               1440.340 2920.150   18    18     0   .013     3.500      .000  2920.150      .000  67.000     .000
                                                                                                RADIUS    ANGLE
                                                                                                  .000     .000
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
ELEMENT NO  20 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1484.740 2921.490   18              .013                           .000     .000      .000     0
ELEMENT NO  21 IS A SYSTEM HEADWORKS                 *                     *
                    U/S DATA   STATION    INVERT  SECT                                   W S ELEV
                               1484.710 2921.490   18                                       .000
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SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "UEGN2" (

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
916.640	2901.500	.437	2901.937	7.00	16.36	4.15	2906.09	.00	1.02	1.36	1.500	.000	.00	1 .0
5.601	.1721					.1240	.69	.44	5.14	.41	.013	.00	.00	PIPE
922.241	2902.464	.448	2902.912	7.00	15.81	3.88	2906.79	.00	1.02	1.37	1.500	.000	.00	1 .0
5.499	.1721					.1108	.61	.45	4.91	.41	.013	.00	.00	PIPE
927.740	2903.411	.463	2903.874	7.00	15.08	3.53	2907.40	.00	1.02	1.39	1.500	.000	.00	1 .0
4.056	.1721					.0970	.39	.46	4.59	.41	.013	.00	.00	PIPE
931.797	2904.109	.480	2904.589	7.00	14.38	3.21	2907.80	.00	1.02	1.40	1.500	.000	.00	1 .0
3.153	.1721					.0850	.27	.48	4.29	.41	.013	.00	.00	PIPE
934.950	2904.652	.496	2905.148	7.00	13.71	2.92	2908.07	.00	1.02	1.41	1.500	.000	.00	1 .0
2.534	.1721					.0744	.19	.50	4.02	.41	.013	.00	.00	PIPE
937.484	2905.088	.514	2905.602	7.00	13.07	2.65	2908.25	.00	1.02	1.42	1.500	.000	.00	1 .0
2.084	.1721					.0652	.14	.51	3.76	.41	.013	.00	.00	PIPE
939.568	2905.447	.532	2905.979	7.00	12.46	2.41	2908.39	.00	1.02	1.44	1.500	.000	.00	1 .0
1.741	.1721					.0572	.10	.53	3.51	.41	.013	.00	.00	PIPE
941.310	2905.747	.551	2906.298	7.00	11.88	2.19	2908.49	.00	1.02	1.45	1.500	.000	.00	1 .0
1.470	.1721					.0502	.07	.55	3.28	.41	.013	.00	.00	PIPE
942.780	2906.000	.571	2906.571	7.00	11.33	1.99	2908.56	.00	1.02	1.46	1.500	.000	.00	1 .0
.010	10.0613					.0451	.00	.57	3.07	.15	.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "UEGN2" (

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
942.790	2906.100	.583	2906.683	7.00	11.01	1.88	2908.57	.00	1.02	1.46	1.500	.000	.00	1 .0
.010	9.9756					.0416	.00	.58	2.94	.15	.013	.00	.00	PIPE
942.800	2906.200	.597	2906.797	7.00	10.68	1.77	2908.57	.00	1.02	1.47	1.500	.000	.00	1 .0
42.309	.0401					.0395	1.67	.60	2.82	.60	.013	.00	.00	PIPE
985.109	2907.897	.600	2908.497	7.00	10.60	1.75	2910.24	.00	1.02	1.47	1.500	.000	.00	1 .0
40.250	.0401					.0367	1.48	.60	2.79	.60	.013	.00	.00	PIPE
1025.359	2909.511	.622	2910.133	7.00	10.11	1.59	2911.72	.00	1.02	1.48	1.500	.000	.00	1 .0
15.409	.0401					.0322	.50	.62	2.60	.60	.013	.00	.00	PIPE
1040.768	2910.129	.645	2910.774	7.00	9.64	1.44	2912.22	.00	1.02	1.49	1.500	.000	.00	1 .0
9.104	.0401					.0283	.26	.64	2.43	.60	.013	.00	.00	PIPE
1049.873	2910.494	.669	2911.163	7.00	9.19	1.31	2912.47	.00	1.02	1.49	1.500	.000	.00	1 .0
6.198	.0401					.0249	.15	.67	2.27	.60	.013	.00	.00	PIPE
1056.071	2910.743	.693	2911.436	7.00	8.76	1.19	2912.63	.00	1.02	1.50	1.500	.000	.00	1 .0
4.522	.0401					.0219	.10	.69	2.11	.60	.013	.00	.00	PIPE
1060.593	2910.924	.719	2911.644	7.00	8.36	1.08	2912.73	.00	1.02	1.50	1.500	.000	.00	1 .0
3.417	.0401					.0193	.07	.72	1.97	.60	.013	.00	.00	PIPE
1064.010	2911.061	.747	2911.808	7.00	7.97	.99	2912.79	.00	1.02	1.50	1.500	.000	.00	1 .0
2.635	.0401					.0170	.04	.75	1.83	.60	.013	.00	.00	PIPE

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1066.645	2911.167	.775	2911.942	7.00	7.60	.90	2912.84	.00	1.02	1.50	1.500	.000	.00	1 .0
2.045	.0401					.0149	.03	.78	1.71	.60	.013	.00	.00	PIPE
1068.690	2911.249	.805	2912.054	7.00	7.24	.81	2912.87	.00	1.02	1.50	1.500	.000	.00	1 .0
1.576	.0401					.0132	.02	.81	1.59	.60	.013	.00	.00	PIPE
1070.266	2911.312	.837	2912.149	7.00	6.91	.74	2912.89	.00	1.02	1.49	1.500	.000	.00	1 .0
1.194	.0401					.0116	.01	.84	1.48	.60	.013	.00	.00	PIPE
1071.460	2911.360	.870	2912.231	7.00	6.58	.67	2912.90	.00	1.02	1.48	1.500	.000	.00	1 .0
14.644	.0098					.0114	.17	.87	1.37	.90	.013	.00	.00	PIPE
1086.104	2911.504	.846	2912.350	7.00	6.82	.72	2913.07	.00	1.02	1.49	1.500	.000	.00	1 .0
13.862	.0098					.0127	.18	.85	1.45	.90	.013	.00	.00	PIPE
1099.966	2911.641	.814	2912.455	7.00	7.15	.79	2913.25	.00	1.02	1.49	1.500	.000	.00	1 .0
10.632	.0098					.0144	.15	.81	1.56	.90	.013	.00	.00	PIPE
1110.598	2911.745	.783	2912.529	7.00	7.50	.87	2913.40	.00	1.02	1.50	1.500	.000	.00	1 .0
8.919	.0098					.0164	.15	.78	1.67	.90	.013	.00	.00	PIPE
1119.517	2911.833	.754	2912.587	7.00	7.86	.96	2913.55	.00	1.02	1.50	1.500	.000	.00	1 .0
7.823	.0098					.0186	.15	.75	1.80	.90	.013	.00	.00	PIPE
1127.340	2911.910	.727	2912.637	7.00	8.25	1.06	2913.69	.00	1.02	1.50	1.500	.000	.00	1 .0
78.704	.0198					.0198	1.56	.73	1.93	.73	.013	.00	.00	PIPE

FILE: UEGN2.WSW W S P G W - CIVILDESIGN Version 14.08

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 1-2018 Time: 2:35: 0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "UEGN2" (

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip

L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1206.044	2913.466	.727	2914.193	7.00	8.25	1.06	2915.25	.00	1.02	1.50	1.500	.000	.00	1 .0
58.510	.0198					.0204	1.19	.73	1.93	.73	.013	.00	.00	PIPE
1264.554	2914.623	.714	2915.337	7.00	8.44	1.11	2916.44	.00	1.02	1.50	1.500	.000	.00	1 .0
31.111	.0198					.0225	.70	.71	2.00	.73	.013	.00	.00	PIPE
1295.665	2915.238	.688	2915.926	7.00	8.85	1.22	2917.14	.00	1.02	1.49	1.500	.000	.00	1 .0
16.686	.0198					.0256	.43	.69	2.15	.73	.013	.00	.00	PIPE
1312.351	2915.568	.663	2916.231	7.00	9.29	1.34	2917.57	.00	1.02	1.49	1.500	.000	.00	1 .0
11.806	.0198					.0291	.34	.66	2.30	.73	.013	.00	.00	PIPE
1324.157	2915.801	.640	2916.441	7.00	9.74	1.47	2917.91	.00	1.02	1.48	1.500	.000	.00	1 .0
9.323	.0198					.0331	.31	.64	2.47	.73	.013	.00	.00	PIPE
1333.481	2915.986	.617	2916.603	7.00	10.22	1.62	2918.22	.00	1.02	1.48	1.500	.000	.00	1 .0
7.809	.0198					.0378	.29	.62	2.64	.73	.013	.00	.00	PIPE
1341.290	2916.140	.595	2916.735	7.00	10.71	1.78	2918.52	.00	1.02	1.47	1.500	.000	.00	1 .0
.010	1.0000					.0401	.00	.60	2.83	.26	.013	.00	.00	PIPE
1341.300	2916.150	.597	2916.747	7.00	10.68	1.77	2918.52	.00	1.02	1.47	1.500	.000	.00	1 .0
.010	1.0000					.0397	.00	.60	2.82	.26	.013	.00	.00	PIPE
1341.320	2916.170	.599	2916.769	7.00	10.62	1.75	2918.52	.00	1.02	1.47	1.500	.000	.00	1 .0
.010	1.0000					.0391	.00	.60	2.79	.26	.013	.00	.00	PIPE

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 1-2018 Time: 2:35: 0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "UEGN2" (

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch

1341.330	2916.180	.601	2916.781	7.00	10.59	1.74	2918.52	.00	1.02	1.47	1.500	.000	.00	1	.0
.010	1.0000					.0388	.00	.60	2.78	.26	.013	.00	.00	PIPE	
1341.340	2916.190	.602	2916.792	7.00	10.55	1.73	2918.52	.00	1.02	1.47	1.500	.000	.00	1	.0
28.818	.0395					.0379	1.09	.60	2.77	.60	.013	.00	.00	PIPE	
1370.157	2917.328	.608	2917.936	7.00	10.42	1.69	2919.62	.00	1.02	1.47	1.500	.000	.00	1	.0
28.815	.0395					.0350	1.01	.61	2.72	.60	.013	.00	.00	PIPE	
1398.972	2918.467	.630	2919.097	7.00	9.93	1.53	2920.63	.00	1.02	1.48	1.500	.000	.00	1	.0
13.181	.0395					.0307	.40	.63	2.54	.60	.013	.00	.00	PIPE	
1412.154	2918.988	.653	2919.641	7.00	9.47	1.39	2921.03	.00	1.02	1.49	1.500	.000	.00	1	.0
8.171	.0395					.0270	.22	.65	2.37	.60	.013	.00	.00	PIPE	
1420.325	2919.311	.678	2919.989	7.00	9.03	1.27	2921.25	.00	1.02	1.49	1.500	.000	.00	1	.0
5.685	.0395					.0237	.13	.68	2.21	.60	.013	.00	.00	PIPE	
1426.009	2919.536	.703	2920.239	7.00	8.61	1.15	2921.39	.00	1.02	1.50	1.500	.000	.00	1	.0
4.189	.0395					.0209	.09	.70	2.06	.60	.013	.00	.00	PIPE	
1430.199	2919.701	.729	2920.431	7.00	8.21	1.05	2921.48	.00	1.02	1.50	1.500	.000	.00	1	.0
3.188	.0395					.0184	.06	.73	1.92	.60	.013	.00	.00	PIPE	
1433.386	2919.827	.757	2920.584	7.00	7.83	.95	2921.54	.00	1.02	1.50	1.500	.000	.00	1	.0
2.454	.0395					.0162	.04	.76	1.79	.60	.013	.00	.00	PIPE	

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 1-2018 Time: 2:35: 0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "UEGN2" (

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1435.840	2919.924	.786	2920.710	7.00	7.46	.86	2921.58	.00	1.02	1.50	1.500	.000	.00	1	.0

1.901	.0395					.0143	.03	.79	1.66	.60	.013	.00	.00	PIPE					
1437.741	2919.999	.817	2920.816	7.00	7.12	.79	2921.60	.00	1.02	1.49	1.500	.000	.00	1	.0				
1.458	.0395					.0126	.02	.82	1.55	.60	.013	.00	.00	PIPE					
1439.199	2920.057	.849	2920.906	7.00	6.78	.71	2921.62	.00	1.02	1.49	1.500	.000	.00	1	.0				
1.091	.0395					.0111	.01	.85	1.44	.60	.013	.00	.00	PIPE					
1440.290	2920.100	.883	2920.983	7.00	6.47	.65	2921.63	.00	1.02	1.48	1.500	.000	.00	1	.0				
.010	1.0000					.0102	.00	.88	1.33	.26	.013	.00	.00	PIPE					
1440.300	2920.110	.896	2921.007	7.00	6.35	.63	2921.63	.00	1.02	1.47	1.500	.000	.00	1	.0				
.010	1.0000					.0097	.00	.90	1.29	.26	.013	.00	.00	PIPE					
1440.310	2920.120	.912	2921.032	7.00	6.22	.60	2921.63	.00	1.02	1.46	1.500	.000	.00	1	.0				
.010	.9877					.0092	.00	.91	1.25	.26	.013	.00	.00	PIPE					
1440.320	2920.130	.931	2921.061	7.00	6.08	.57	2921.63	.00	1.02	1.46	1.500	.000	.00	1	.0				
.010	1.0000					.0085	.00	.93	1.20	.26	.013	.00	.00	PIPE					
1440.330	2920.140	.956	2921.096	7.00	5.89	.54	2921.63	.00	1.02	1.44	1.500	.000	.00	1	.0				
.006	1.0000					.0079	.00	.96	1.14	.26	.013	.00	.00	PIPE					
1440.336	2920.146	.981	2921.127	7.00	5.72	.51	2921.63	.00	1.02	1.43	1.500	.000	.00	1	.0				
.004	1.0000					.0072	.00	.98	1.09	.26	.013	.00	.00	PIPE					

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 1-2018 Time: 2:35: 0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "UEGN2" (

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1440.340	2920.150	1.024	2921.174	7.00	5.45	.46	2921.63	.00	1.02	1.40	1.500	.000	.00	1 .0
JUNCT STR	.0000					.0039	.00	1.02	1.00		.013	.00	.00	PIPE
1440.340	2920.150	1.604	2921.753	3.50	1.98	.06	2921.81	.00	.71	.00	1.500	.000	.00	1 .0

3.564	.0302					.0011	.00	1.60	.00	.45	.013		.00	.00	PIPE		
1443.904	2920.258	1.500	2921.758	3.50	1.98	.06	2921.82	.00	.71	.00	1.500		.000	.00	1	.0	
4.528	.0302					.0010	.00	1.50	.00	.45	.013		.00	.00	PIPE		
1448.432	2920.394	1.361	2921.755	3.50	2.08	.07	2921.82	.00	.71	.87	1.500		.000	.00	1	.0	
2.540	.0302					.0010	.00	1.36	.26	.45	.013		.00	.00	PIPE		
1450.971	2920.471	1.280	2921.751	3.50	2.18	.07	2921.82	.00	.71	1.06	1.500		.000	.00	1	.0	
2.036	.0302					.0011	.00	1.28	.31	.45	.013		.00	.00	PIPE		
1453.007	2920.532	1.214	2921.746	3.50	2.29	.08	2921.83	.00	.71	1.18	1.500		.000	.00	1	.0	
1.732	.0302					.0012	.00	1.21	.35	.45	.013		.00	.00	PIPE		
1454.739	2920.585	1.155	2921.740	3.50	2.40	.09	2921.83	.00	.71	1.26	1.500		.000	.00	1	.0	
1.510	.0302					.0013	.00	1.16	.39	.45	.013		.00	.00	PIPE		
1456.249	2920.630	1.103	2921.733	3.50	2.51	.10	2921.83	.00	.71	1.32	1.500		.000	.00	1	.0	
1.334	.0302					.0015	.00	1.10	.43	.45	.013		.00	.00	PIPE		
1457.583	2920.671	1.055	2921.725	3.50	2.64	.11	2921.83	.00	.71	1.37	1.500		.000	.00	1	.0	
.308	.0302					.0017	.00	1.05	.47	.45	.013		.00	.00	PIPE		

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head SF Ave	Energy Grd.El. HF	Super Elev SE Dpth	Critical Depth Froude N	Flow Top Width Norm Dp	Height/ Dia.-FT "N"	Base Wt or I.D. X-Fall	ZL ZR	No Wth Prs/Pip Type Ch
L/Elem	Ch Slope													
1457.891	2920.680	1.010	2921.690	3.50	2.77	.12	2921.81	.00	.71	1.41	1.500	.000	.00	1 .0
HYDRAULIC JUMP														
1457.891	2920.680	.465	2921.145	3.50	7.49	.87	2922.02	.00	.71	1.39	1.500	.000	.00	1 .0
6.582	.0302					.0239	.16	.47	2.28	.45	.013	.00	.00	PIPE

1464.474	2920.878	.482	2921.360	3.50	7.14	.79	2922.15	.00	.71	1.40	1.500	.000	.00	1	.0
5.923	.0302					.0209	.12	.48	2.13	.45	.013	.00	.00	PIPE	
1470.397	2921.057	.499	2921.556	3.50	6.81	.72	2922.28	.00	.71	1.41	1.500	.000	.00	1	.0
4.031	.0302					.0183	.07	.50	1.99	.45	.013	.00	.00	PIPE	
1474.428	2921.178	.516	2921.695	3.50	6.49	.65	2922.35	.00	.71	1.43	1.500	.000	.00	1	.0
2.909	.0302					.0160	.05	.52	1.86	.45	.013	.00	.00	PIPE	
1477.337	2921.266	.535	2921.801	3.50	6.19	.60	2922.40	.00	.71	1.44	1.500	.000	.00	1	.0
2.173	.0302					.0141	.03	.53	1.74	.45	.013	.00	.00	PIPE	
1479.509	2921.332	.554	2921.886	3.50	5.90	.54	2922.43	.00	.71	1.45	1.500	.000	.00	1	.0
1.642	.0302					.0123	.02	.55	1.63	.45	.013	.00	.00	PIPE	
1481.151	2921.382	.574	2921.955	3.50	5.63	.49	2922.45	.00	.71	1.46	1.500	.000	.00	1	.0
1.236	.0302					.0108	.01	.57	1.52	.45	.013	.00	.00	PIPE	
1482.387	2921.419	.595	2922.013	3.50	5.37	.45	2922.46	.00	.71	1.47	1.500	.000	.00	1	.0
.922	.0302					.0095	.01	.59	1.42	.45	.013	.00	.00	PIPE	

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 1-2018 Time: 2:35: 0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "UEGN2" (

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1483.308	2921.447	.616	2922.063	3.50	5.12	.41	2922.47	.00	.71	1.48	1.500	.000	.00	1	.0
.658	.0302					.0083	.01	.62	1.32	.45	.013	.00	.00	PIPE	
1483.966	2921.467	.639	2922.105	3.50	4.88	.37	2922.48	.00	.71	1.48	1.500	.000	.00	1	.0
.442	.0302					.0073	.00	.64	1.24	.45	.013	.00	.00	PIPE	
1484.409	2921.480	.662	2922.142	3.50	4.65	.34	2922.48	.00	.71	1.49	1.500	.000	.00	1	.0
.251	.0302					.0064	.00	.66	1.15	.45	.013	.00	.00	PIPE	

```
1484.659  2921.488     .687  2922.174      3.50    4.44     .31  2922.48     .00     .71     1.49    1.500     .000   .00   1   .0
    .081    .0302                                          .0056      .00      .69    1.08     .45     .013      .00   .00  PIPE
1484.740  2921.490     .714  2922.204      3.50    4.22     .28  2922.48     .00     .71     1.50    1.500     .000   .00   1   .0
1484.710  2921.490     .714  2922.204      3.50    4.22     .28  2922.48     .00     .71     1.50    1.500     .000   .00   1   .0
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SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "UEGN2" (

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916.64    .I W C H            E                                                    .   R
920.30    .                                                                        .
923.97    .   I W  C H          E                                                  .   R
927.63    .                                                                        .
931.30    .       I  W C H          E                                              .   R
934.96    .           I W C  H        E                                            .   R
938.63    .             I W  C H       E                                           .   R
942.29    .               I  W C H      E                                          .   R
945.96    .                 I W  C H     E                                         .   R
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 949.62   .                I  W C H    E                                                  .   R

 953.29   .                 I  W C H   E                                                  .   R

 956.95   .                  I  W C H  E                                                  .   R

 960.62   .                  I  W C H  E                                                  .   R

 964.28   .                                                                               .

 967.95   .                                                                               .

 971.61   .                                                                               .

 975.28   .                                                                               .

 978.94   .                                                                               .

 982.61   .                                                                               .

 986.27   .                        I  W C H  E                                            .   R

 989.94   .                                                                               .

 993.60   .                                                                               .

 997.27   .                                                                               .

1000.93   .                                                                               .

1004.60   .                                                                               .

1008.26   .                                                                               .
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1011.93   .                                                                  .
1015.59   .                                                                  .
1019.26   .                                                                  .
1022.92   .                                                                  .
1026.59   .                          I  W C H  E                             .   R
1030.25   .                                                                  .
1033.92   .                                                                  .
1037.58   .                                                                  .
1041.25   .                            I  WC  H E                            .   R
1044.91   .                                                                  .
1048.58   .                                                                  .
1052.24   .                             I  W C H  E                          .   R
1055.91   .                                                                  .
1059.57   .                               I  WC H E                          .   R
1063.24   .                               I   WC H E                         .   R
1066.90   .                                I  W C HE                         .   R
1070.57   .                                I   WC HE                         .   R
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1074.23	.	I	WC H	.	R
1077.90	.	I	WC HE	.	R
1081.56	.	I	WC HE	.	R
1085.23	.			.	
1088.89	.	I	WC H	.	R
1092.56	.			.	
1096.22	.			.	
1099.89	.			.	
1103.55	.	I	WC H	.	R
1107.22	.			.	
1110.88	.	I	WC HE	.	R
1114.55	.			.	
1118.21	.			.	
1121.88	.	I	WC HE	.	R
1125.54	.			.	
1129.21	.	I	W C HE	.	R
1132.87	.			.	

1136.54 .

1140.20 .

1143.87 .

1147.53 .

1151.20 .

1154.86 .

1158.53 .

1162.19 .

1165.86 .

1169.52 .

1173.19 .

1176.85 .

1180.52 .

1184.18 .

1187.85 .

1191.51 .

1195.18 .

1198.84 .

1202.51 .

1206.17 . I WC HE . R

1209.84 .

1213.50 .

1217.17 .

1220.83 .

1224.50 .

1228.16 .

1231.83 .

1235.49 .

1239.16 .

1242.82 .

1246.49 .

1250.15 .

1253.82 .

1257.48 .

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1261.15   .                                                                  .
1264.81   .                                  I  WC  HE                       .   R
1268.48   .                                                                  .
1272.14   .                                                                  .
1275.81   .                                                                  .
1279.47   .                                                                  .
1283.14   .                                                                  .
1286.80   .                                                                  .
1290.47   .                                                                  .
1294.13   .                                                                  .
1297.80   .                                    I   WC H E                    .   R
1301.46   .                                                                  .
1305.13   .                                                                  .
1308.79   .                                                                  .
1312.46   .                                      I  W C H E                  .   R
1316.12   .                                                                  .
1319.79   .                                                                  .
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1323.45   .                                                                  .
1327.12   .                                  I  W C H  E                     .   R
1330.78   .                                                                  .
1334.45   .                                  I  W C H  E                     .   R
1338.11   .                                                                  .
1341.78   .                                   I W C  H   E                   .   R
1345.44   .                                   I W C  H   E                   .   R
1349.11   .                                   I  W C H   E                   .   R
1352.77   .                                   I  W C H   E                   .   R
1356.44   .                                   I  W C H   E                   .   R
1360.10   .                                                                  .
1363.77   .                                                                  .
1367.43   .                                                                  .
1371.10   .                                       I  W C H   E               .   R
1374.76   .                                                                  .
1378.43   .                                                                  .
1382.09   .                                                                  .
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1385.76   .                                                                  .
1389.42   .                                                                  .
1393.09   .                                                                  .
1396.75   .                                                                  .
1400.42   .                                                I  W C H   E      .   R
1404.08   .                                                                  .
1407.75   .                                                                  .
1411.41   .                                                                  .
1415.08   .                                                   I  W C H E     .   R
1418.74   .                                                                  .
1422.41   .                                                    I   WC H E    .   R
1426.07   .                                                     I   WC H E   .   R
1429.74   .                                                                  .
1433.40   .                                                      I   WC HE   .   R
1437.07   .                                                       I  W C HE  .   R
1440.73   .                                                       I   WC HE  .   R
1444.40   .                                                        I  WC  H  .   R
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| | | |

Interim Condition WSPG Summary

Lateral to Mainline in Egan Crest at Southern Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
1000.00	N/A	LAT-02	18" RCP	2888.39	3.50	2888.67	15.15	2889.89	OK
1127.32	35+42.67	LAT-02	18" RCP	2911.89	3.50	2912.38	6.96	2921.65	OK
1127.33	35+42.67	LAT-02	18" RCP	2911.90	3.50	2912.39	6.90	2921.65	OK
1127.34	35+42.67	LAT-02	18" RCP	2911.91	3.50	2912.41	6.84	2921.65	OK
1341.29	37+56.67	PP-09	18" RCP	2916.14	3.50	2916.55	8.94	2925.79	OK
1341.30	37+56.67	PP-09	18" RCP	2916.15	3.50	2916.56	8.91	2925.79	OK
1341.32	37+56.67	PP-09	18" RCP	2916.17	3.50	2916.58	8.84	2925.79	OK
1341.33	37+56.67	PP-09	18" RCP	2916.18	3.50	2916.59	8.81	2925.79	OK
1341.34	37+56.67	PP-09	18" RCP	2916.19	3.50	2916.61	8.77	2925.79	OK
1440.29	50+85.21	PP-03	18" RCP	2920.10	3.50	2920.55	7.97	2927.66	OK
1440.30	50+85.21	PP-03	18" RCP	2920.11	3.50	2920.56	7.93	2927.66	OK
1440.32	50+85.21	PP-03	18" RCP	2920.13	3.50	2920.58	7.84	2927.66	OK
1440.34	50+85.21	PP-03	18" RCP	2920.15	3.50	2920.60	7.75	2927.66	OK
1484.74	38+01.06	LAT-02	18" RCP	2921.49	3.50	2922.20	4.22	2925.88	OK
1484.71	38+01.06	LAT-02	18" RCP	2921.49	3.50	2922.20	4.22	2925.88	OK

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "EGN2" (INTERIM CONDITION)
SO   1000.0002888.390 18      .013               2889.89
R    1127.3102911.880 18      .013                                    15.00 1
R    1127.3202911.890 18      .013                                    15.00
R    1127.3302911.900 18      .013                                    15.00
R    1127.3402911.910 18      .013                                    12.00
R    1341.2902916.140 18      .013                                    15.00 1
R    1341.3002916.150 18      .013                                    15.00
R    1341.3102916.160 18      .013                                    15.00
R    1341.3202916.170 18      .013                                    15.00
R    1341.3302916.180 18      .013                                    15.00
R    1341.3402916.190 18      .013                                    15.00
R    1440.2902920.100 18      .013                                    15.00 1
R    1440.3002920.110 18      .013                                    15.00
R    1440.3102920.120 18      .013                                    15.00
R    1440.3202920.130 18      .013                                    15.00
R    1440.3302920.140 18      .013                                    15.00
R    1440.3402920.150 18      .013                                    15.00
R    1484.7402921.490 18      .013
SH   1484.7402921.490 18      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
Q            3.500   .0
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FILE: EGN2.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 2- 8-2018 Time: 9:21: 1

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING PAGE 1

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														

W S P G W PAGE NO 1

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "EGN2" (INTER

W S P G W PAGE NO 2

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1000.000	2888.390	18	2889.890

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1127.310	2911.880	18	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1127.320	2911.890	18	.013	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1127.330	2911.900	18	.013	.000	.000	15.000	0

ELEMENT NO 5 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1127.340	2911.910	18	.013	.000	.000	12.000	0

ELEMENT NO 6 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1341.290	2916.140	18	.013	.000	.000	15.000	1

ELEMENT NO 7 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1341.300	2916.150	18	.013	.000	.000	15.000	0

ELEMENT NO 8 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1341.310	2916.160	18	.013	.000	.000	15.000	0

ELEMENT NO 9 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1341.320	2916.170	18	.013	.000	.000	15.000	0

ELEMENT NO 10 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1341.330	2916.180	18	.013	.000	.000	15.000	0

ELEMENT NO 11 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1341.340	2916.190	18	.013	.000	.000	15.000	0

ELEMENT NO 12 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1440.290	2920.100	18	.013	.000	.000	15.000	1

ELEMENT NO 13 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1440.300	2920.110	18	.013	.000	.000	15.000	0

W S P G W PAGE NO 3

WATER SURFACE PROFILE - ELEMENT CARD LISTING

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ELEMENT NO  14 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1440.310 2920.120   18              .013                           .000     .000    15.000     0
ELEMENT NO  15 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1440.320 2920.130   18              .013                           .000     .000    15.000     0
ELEMENT NO  16 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1440.330 2920.140   18              .013                           .000     .000    15.000     0
ELEMENT NO  17 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1440.340 2920.150   18              .013                           .000     .000    15.000     0
ELEMENT NO  18 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1484.740 2921.490   18              .013                           .000     .000      .000     0
ELEMENT NO  19 IS A SYSTEM HEADWORKS                 *                    *
                    U/S DATA   STATION    INVERT  SECT                                   W S ELEV
                               1484.740 2921.490   18                                       .000
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Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 8-2018 Time: 9:21: 5

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "EGN2" (I

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
1000.000	2888.390	.283	2888.673	3.50	15.15	3.57	2892.24	.00	.71	1.17	1.500	.000	.00	1 .0
52.834	.1845					.1845	9.75	.28	6.02	.28	.013	.00	.00	PIPE
1052.834	2898.138	.283	2898.421	3.50	15.15	3.57	2901.99	.00	.71	1.17	1.500	.000	.00	1 .0
26.408	.1845					.1825	4.82	.28	6.02	.28	.013	.00	.00	PIPE
1079.242	2903.011	.284	2903.295	3.50	15.04	3.51	2906.81	.00	.71	1.18	1.500	.000	.00	1 .0
20.198	.1845					.1692	3.42	.28	5.96	.28	.013	.00	.00	PIPE
1099.441	2906.738	.294	2907.031	3.50	14.34	3.19	2910.22	.00	.71	1.19	1.500	.000	.00	1 .0
7.641	.1845					.1478	1.13	.29	5.58	.28	.013	.00	.00	PIPE
1107.081	2908.148	.304	2908.451	3.50	13.67	2.90	2911.35	.00	.71	1.21	1.500	.000	.00	1 .0
4.584	.1845					.1292	.59	.30	5.23	.28	.013	.00	.00	PIPE
1111.665	2908.993	.314	2909.307	3.50	13.04	2.64	2911.95	.00	.71	1.22	1.500	.000	.00	1 .0
3.201	.1845					.1129	.36	.31	4.90	.28	.013	.00	.00	PIPE
1114.866	2909.584	.325	2909.909	3.50	12.43	2.40	2912.31	.00	.71	1.24	1.500	.000	.00	1 .0
2.413	.1845					.0987	.24	.32	4.59	.28	.013	.00	.00	PIPE
1117.279	2910.029	.336	2910.365	3.50	11.85	2.18	2912.55	.00	.71	1.25	1.500	.000	.00	1 .0
1.901	.1845					.0863	.16	.34	4.30	.28	.013	.00	.00	PIPE
1119.181	2910.380	.347	2910.727	3.50	11.30	1.98	2912.71	.00	.71	1.27	1.500	.000	.00	1 .0
1.544	.1845					.0754	.12	.35	4.02	.28	.013	.00	.00	PIPE

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 8-2018 Time: 9:21: 5

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "EGN2" (I

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
1120.725	2910.665	.359	2911.024	3.50	10.77	1.80	2912.83	.00	.71	1.28	1.500	.000	.00	1 .0
1.277	.1845					.0659	.08	.36	3.77	.28	.013	.00	.00	PIPE
1122.002	2910.901	.371	2911.272	3.50	10.27	1.64	2912.91	.00	.71	1.29	1.500	.000	.00	1 .0
1.074	.1845					.0577	.06	.37	3.53	.28	.013	.00	.00	PIPE

1123.076	2911.099	.384	2911.483	3.50	9.79	1.49	2912.97	.00	.71	1.31	1.500	.000	.00	1	.0		
.911	.1845					.0504	.05	.38	3.30	.28	.013	.00	.00	PIPE			
1123.987	2911.267	.397	2911.664	3.50	9.34	1.35	2913.02	.00	.71	1.32	1.500	.000	.00	1	.0		
.779	.1845					.0441	.03	.40	3.09	.28	.013	.00	.00	PIPE			
1124.767	2911.411	.411	2911.822	3.50	8.90	1.23	2913.05	.00	.71	1.34	1.500	.000	.00	1	.0		
.669	.1845					.0386	.03	.41	2.90	.28	.013	.00	.00	PIPE			
1125.436	2911.534	.425	2911.959	3.50	8.49	1.12	2913.08	.00	.71	1.35	1.500	.000	.00	1	.0		
.577	.1845					.0338	.02	.43	2.71	.28	.013	.00	.00	PIPE			
1126.013	2911.641	.440	2912.081	3.50	8.09	1.02	2913.10	.00	.71	1.37	1.500	.000	.00	1	.0		
.498	.1845					.0296	.01	.44	2.54	.28	.013	.00	.00	PIPE			
1126.511	2911.732	.456	2912.188	3.50	7.72	.93	2913.11	.00	.71	1.38	1.500	.000	.00	1	.0		
.430	.1845					.0259	.01	.46	2.37	.28	.013	.00	.00	PIPE			
1126.941	2911.812	.471	2912.283	3.50	7.36	.84	2913.12	.00	.71	1.39	1.500	.000	.00	1	.0		
.370	.1845					.0227	.01	.47	2.22	.28	.013	.00	.00	PIPE			

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 8-2018 Time: 9:21: 5

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "EGN2" (I

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1127.320	2911.890	.491	2912.381	3.50	6.96	.75	2913.13	.00	.71	1.41	1.500	.000	.00	1 .0
.010	1.0000					.0205	.00	.49	2.05	.19	.013	.00	.00	PIPE
1127.330	2911.900	.494	2912.394	3.50	6.90	.74	2913.13	.00	.71	1.41	1.500	.000	.00	1 .0
.010	1.0000					.0200	.00	.49	2.03	.19	.013	.00	.00	PIPE
1127.340	2911.910	.497	2912.407	3.50	6.84	.73	2913.13	.00	.71	1.41	1.500	.000	.00	1 .0
125.514	.0198					.0198	2.48	.50	2.00	.50	.013	.00	.00	PIPE
1252.854	2914.391	.497	2914.888	3.50	6.84	.73	2915.62	.00	.71	1.41	1.500	.000	.00	1 .0
39.864	.0198					.0206	.82	.50	2.00	.50	.013	.00	.00	PIPE
1292.718	2915.179	.487	2915.666	3.50	7.05	.77	2916.44	.00	.71	1.40	1.500	.000	.00	1 .0
18.999	.0198					.0230	.44	.49	2.09	.50	.013	.00	.00	PIPE
1311.717	2915.555	.470	2916.025	3.50	7.39	.85	2916.87	.00	.71	1.39	1.500	.000	.00	1 .0
10.700	.0198					.0262	.28	.47	2.23	.50	.013	.00	.00	PIPE
1322.418	2915.767	.454	2916.221	3.50	7.75	.93	2917.15	.00	.71	1.38	1.500	.000	.00	1 .0
7.671	.0198					.0299	.23	.45	2.39	.50	.013	.00	.00	PIPE
1330.089	2915.918	.439	2916.357	3.50	8.13	1.03	2917.38	.00	.71	1.36	1.500	.000	.00	1 .0

| | | |

.010	1.0000					.0295	.00	.45	2.46	.19	.013	.00	.00	PIPE			
1440.320	2920.130	.451	2920.580	3.50	7.84	.95	2921.53	.00	.71	1.38	1.500	.000	.00	1	.0		
.010	1.0000					.0286	.00	.45	2.42	.19	.013	.00	.00	PIPE			
1440.340	2920.150	.454	2920.604	3.50	7.75	.93	2921.54	.00	.71	1.38	1.500	.000	.00	1	.0		
14.212	.0302					.0267	.38	.45	2.39	.45	.013	.00	.00	PIPE			
1454.552	2920.579	.465	2921.044	3.50	7.49	.87	2921.92	.00	.71	1.39	1.500	.000	.00	1	.0		
9.922	.0302					.0238	.24	.47	2.28	.45	.013	.00	.00	PIPE			
1464.474	2920.878	.482	2921.360	3.50	7.14	.79	2922.15	.00	.71	1.40	1.500	.000	.00	1	.0		
5.923	.0302					.0209	.12	.48	2.13	.45	.013	.00	.00	PIPE			
1470.397	2921.057	.499	2921.556	3.50	6.81	.72	2922.28	.00	.71	1.41	1.500	.000	.00	1	.0		
4.031	.0302					.0183	.07	.50	1.99	.45	.013	.00	.00	PIPE			
1474.428	2921.178	.516	2921.695	3.50	6.49	.65	2922.35	.00	.71	1.43	1.500	.000	.00	1	.0		
2.909	.0302					.0160	.05	.52	1.86	.45	.013	.00	.00	PIPE			
1477.337	2921.266	.535	2921.801	3.50	6.19	.60	2922.40	.00	.71	1.44	1.500	.000	.00	1	.0		
2.173	.0302					.0141	.03	.53	1.74	.45	.013	.00	.00	PIPE			
1479.509	2921.332	.554	2921.886	3.50	5.90	.54	2922.43	.00	.71	1.45	1.500	.000	.00	1	.0		
1.642	.0302					.0123	.02	.55	1.63	.45	.013	.00	.00	PIPE			

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 8-2018 Time: 9:21: 5

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "EGN2" (I

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1481.151	2921.382	.574	2921.955	3.50	5.63	.49	2922.45	.00	.71	1.46	1.500	.000	.00	1 .0
1.236	.0302					.0108	.01	.57	1.52	.45	.013	.00	.00	PIPE
1482.387	2921.419	.595	2922.013	3.50	5.37	.45	2922.46	.00	.71	1.47	1.500	.000	.00	1 .0
.922	.0302					.0095	.01	.59	1.42	.45	.013	.00	.00	PIPE
1483.308	2921.447	.616	2922.063	3.50	5.12	.41	2922.47	.00	.71	1.48	1.500	.000	.00	1 .0
.658	.0302					.0083	.01	.62	1.32	.45	.013	.00	.00	PIPE
1483.966	2921.467	.639	2922.105	3.50	4.88	.37	2922.48	.00	.71	1.48	1.500	.000	.00	1 .0
.442	.0302					.0073	.00	.64	1.24	.45	.013	.00	.00	PIPE
1484.409	2921.480	.662	2922.142	3.50	4.65	.34	2922.48	.00	.71	1.49	1.500	.000	.00	1 .0
.251	.0302					.0064	.00	.66	1.15	.45	.013	.00	.00	PIPE
1484.659	2921.488	.687	2922.174	3.50	4.44	.31	2922.48	.00	.71	1.49	1.500	.000	.00	1 .0
.081	.0302					.0056	.00	.69	1.08	.45	.013	.00	.00	PIPE

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                                                                                                                                EGN2
        |         |         |         |         |                |         |         |         |         |         |         |         |
1484.740  2921.490     .714  2922.204      3.50    4.22     .28  2922.48     .00     .71     1.50    1.500     .000   .00   1   .0
       -|-       -|-      -|-       -|-       -|-     -|-     -|-       -|-     -|-      -|-      -|-     -|-     -|-     |-
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SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST STORM DRAIN FROM SKYE CANYON PARK ALIGNMENT MODEL "EGN2" (I

```
1000.00   .W C H      E                                                                                  .    R

1004.71   .                                                                                              .

1009.41   .                                                                                              .

1014.12   .                                                                                              .

1018.82   .                                                                                              .

1023.53   .                                                                                              .

1028.24   .                                                                                              .

1032.94   .                                                                                              .

1037.65   .                                                                                              .

1042.36   .                                                                                              .

1047.06   .                                                                                              .

1051.77   .                                                                                              .

1056.47   .                          W C H      E                                                        .    R

1061.18   .                                                                                              .

1065.89   .                                                                                              .

1070.59   .                                                                                              .

1075.30   .                                                                                              .
```

1080.01	.	IWC H	E	.	R
1084.71	.			.	
1089.42	.			.	
1094.12	.			.	
1098.83	.			.	
1103.54	.	W C H	E	.	R
1108.24	.	W C H	E	.	R
1112.95	.	IWC H	E	.	R
1117.66	.	IWC H	E	.	R
1122.36	.	IWC H	E	.	R
1127.07	.	IWC H	E	.	R
1131.77	.	IWC H	E	.	R
1136.48	.	IWC H	E	.	R
1141.19	.	IWC H	E	.	R
1145.89	.	IWC H	E	.	R
1150.60	.	IWC H	E	.	R
1155.31	.	I W	H	.	R
1160.01	.	IWC H		.	R
1164.72	.	IWC H		.	R
1169.42	.	I W	EH	.	R
1174.13	.	I W	EH	.	R
1178.84	.	I WC	EH	.	R
1183.54	.	I WC	EH	.	R

1188.25 .

1192.95 .

1197.66 .

1202.37 .

1207.07 .

1211.78 .

1216.49 .

1221.19 .

1225.90 .

1230.60 .

1235.31 .

1240.02 .

1244.72 .

1249.43 .

1254.14 . IWCEH . R

1258.84 .

1263.55 .

1268.25 .

1272.96 .

1277.67 .

1282.37 .

1287.08 .

1291.79 .

1296.49	.	IWC H	.	R
1301.20	.		.	
1305.90	.		.	
1310.61	.		.	
1315.32	.	IWC H	.	R
1320.02	.		.	
1324.73	.	IWC H	.	R
1329.43	.		.	
1334.14	.	IWC H	.	R
1338.85	.	I W H	.	R
1343.55	.	IWC H	.	R
1348.26	.	IWC H	.	R
1352.97	.	IWC H	.	R
1357.67	.	IWC H	.	R
1362.38	.	IWC HE	.	R
1367.08	.	IWC H	.	R
1371.79	.		.	
1376.50	.		.	
1381.20	.		.	
1385.91	.		.	
1390.62	.		.	
1395.32	.	IWC H	.	R
1400.03	.		.	

```
1404.73    .                                                                .

1409.44    .                                                                .

1414.15    .                                                                .

1418.85    .                                                                .

1423.56    .                                                                .

1428.27    .                                                                .

1432.97    .                                                      IWC H     .   R

1437.68    .                                                                .

1442.38    .                                                       IWC H    .   R

1447.09    .                                                       IWC EH   .   R

1451.80    .                                                       I W EH   .   R

1456.50    .                                                       I W EH   .   R

1461.21    .                                                         IWCEH  .   R

1465.92    .                                                         I W EH .   R

1470.62    .                                                          IWCEH .   R

1475.33    .                                                          I W EH.   R

1480.03    .                                                           IWCEH.   R

1484.74    .                                                           IWCEH.   R

         2888.390  2891.850  2895.310  2898.770  2902.230  2905.690  2909.150  2912.610  2916.070  2919.530  2922.990
```

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT

Y = WALL ENTRANCE OR EXIT

2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Egan Crest Drive

U/EGN3-South Alignment

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN3" (ULTIMATE CONDITION)
SO   1000.0002904.160 30      .013                2906.92
R    1058.2302906.210 30      .013                                        15.00 1
R    1058.2402906.220 30      .013                                        15.00
R    1058.2502906.230 30      .013                                         4.00
JX   1058.2502906.230 36 18 18.013    2.0      2.0  2907.23 2907.23  90.0 90.0
R    1114.3502906.600 36      .013                                        00.00 1
JX   1114.3502906.600 36 18   .013    2.00          2908.100         90.0
R    1142.3202907.680 36      .013                                        15.00 1
R    1142.3302907.690 36      .013                                        15.00
R    1142.3402907.700 36      .013                                        15.00
R    1142.3502907.710 36      .013                                        10.00
R    1157.3502908.290 36      .013                                        00.00 1
JX   1157.3502908.290 36 18   .013    2.00          2908.290         90.0
R    1208.3502910.330 36      .013
SH   1208.3502910.330 36      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
Q           42.000   .0
```

FILE: UEGN3.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 1-24-2018 Time: 3:12:52

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING PAGE 1

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														

W S P G W PAGE NO 1

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN3" (ULTIMATE CONDITION)

W S P G W PAGE NO 2

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1000.000	2904.160	30	2906.920

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1058.230	2906.210	30	.013	.000	.000	15.000	1

ELEMENT NO 3 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1058.240	2906.220	30	.013	.000	.000	15.000	0

ELEMENT NO 4 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1058.250	2906.230	30	.013	.000	.000	4.000	0

ELEMENT NO 5 IS A JUNCTION * * * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1058.250	2906.230	36	18	18	.013	2.000	2.000	2907.230	2907.230	90.000	90.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 6 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1114.350	2906.600	36	.013	.000	.000	.000	1

ELEMENT NO 7 IS A JUNCTION * * * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1114.350	2906.600	36	18	0	.013	2.000	.000	2908.100	.000	90.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

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THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
 ELEMENT NO   8 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1142.320 2907.680   36              .013                           .000     .000    15.000     1
 ELEMENT NO   9 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1142.330 2907.690   36              .013                           .000     .000    15.000     0
                                                     W S P G W                                                        PAGE NO   3
                          WATER SURFACE PROFILE - ELEMENT CARD LISTING
 ELEMENT NO  10 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1142.340 2907.700   36              .013                           .000     .000    15.000     0
 ELEMENT NO  11 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1142.350 2907.710   36              .013                           .000     .000    10.000     0
 ELEMENT NO  12 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1157.350 2908.290   36              .013                           .000     .000      .000     1
 ELEMENT NO  13 IS A JUNCTION         *         *     *     *                 *                  *                *
                    U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4     INVERT-3 INVERT-4  PHI 3  PHI 4
                               1157.350 2908.290   36    18     0   .013     2.000      .000  2908.290      .000  90.000     .000
                                                                                                RADIUS    ANGLE
                                                                                                  .000     .000
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
 ELEMENT NO  14 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1208.350 2910.330   36              .013                           .000     .000      .000     0
 ELEMENT NO  15 IS A SYSTEM HEADWORKS                 *                     *
                    U/S DATA   STATION    INVERT  SECT                                   W S ELEV
                               1208.350 2910.330   36                                       .000
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SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN3" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2904.160	1.649	2905.810	50.00	14.55	3.29	2909.10	.00	2.30	2.37	2.500	.000	.00	1 .0
18.196	.0352					.0236	.43	1.65	2.13	1.47	.013	.00	.00	PIPE
1018.196	2904.801	1.715	2906.516	50.00	13.93	3.01	2909.53	.00	2.30	2.32	2.500	.000	.00	1 .0
14.045	.0352					.0212	.30	1.72	1.97	1.47	.013	.00	.00	PIPE
1032.241	2905.295	1.792	2907.087	50.00	13.28	2.74	2909.83	.00	2.30	2.25	2.500	.000	.00	1 .0
10.183	.0352					.0189	.19	1.79	1.81	1.47	.013	.00	.00	PIPE
1042.424	2905.654	1.875	2907.528	50.00	12.66	2.49	2910.02	.00	2.30	2.17	2.500	.000	.00	1 .0
7.407	.0352					.0170	.13	1.87	1.65	1.47	.013	.00	.00	PIPE
1049.831	2905.914	1.966	2907.880	50.00	12.07	2.26	2910.14	.00	2.30	2.05	2.500	.000	.00	1 .0
5.203	.0352					.0154	.08	1.97	1.50	1.47	.013	.00	.00	PIPE
1055.033	2906.097	2.069	2908.166	50.00	11.51	2.06	2910.22	.00	2.30	1.89	2.500	.000	.00	1 .0
3.197	.0352					.0140	.04	2.07	1.34	1.47	.013	.00	.00	PIPE
1058.230	2906.210	2.188	2908.398	50.00	10.98	1.87	2910.27	.00	2.30	1.65	2.500	.000	.00	1 .0
.010	1.0000					.0133	.00	2.19	1.16	.59	.013	.00	.00	PIPE
1058.240	2906.220	2.220	2908.440	50.00	10.85	1.83	2910.27	.00	2.30	1.58	2.500	.000	.00	1 .0
.010	1.0000					.0131	.00	2.22	1.12	.59	.013	.00	.00	PIPE
1058.250	2906.230	2.300	2908.530	50.00	10.58	1.74	2910.27	.00	2.30	1.36	2.500	.000	.00	1 .0
JUNCT STR	.0000					.0088	.00	2.30	1.00		.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN3" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1058.250	2906.230	3.510	2909.740	46.00	6.51	.66	2910.40	.00	2.21	.00	3.000	.000	.00	1 .0
56.100	.0066					.0048	.27	3.51	.00	2.12	.013	.00	.00	PIPE
1114.350	2906.600	3.440	2910.040	46.00	6.51	.66	2910.70	.00	2.21	.00	3.000	.000	.00	1 .0
JUNCT STR	.0000					.0046	.00	3.44	.00		.013	.00	.00	PIPE
1114.350	2906.600	3.552	2910.152	44.00	6.22	.60	2910.75	.00	2.16	.00	3.000	.000	.00	1 .0
6.459	.0386					.0044	.03	3.55	.00	1.20	.013	.00	.00	PIPE
1120.809	2906.849	3.348	2910.198	44.00	6.22	.60	2910.80	.00	2.16	.00	3.000	.000	.00	1 .0
HYDRAULIC JUMP														
1120.809	2906.849	1.328	2908.177	44.00	14.57	3.30	2911.47	.00	2.16	2.98	3.000	.000	.00	1 .0
4.658	.0386					.0262	.12	1.33	2.55	1.20	.013	.00	.00	PIPE
1125.468	2907.029	1.340	2908.369	44.00	14.40	3.22	2911.59	.00	2.16	2.98	3.000	.000	.00	1 .0
16.852	.0386					.0242	.41	1.34	2.51	1.20	.013	.00	.00	PIPE
1142.320	2907.680	1.390	2909.070	44.00	13.73	2.93	2912.00	.00	2.16	2.99	3.000	.000	.00	1 .0
.010	1.0000					.0226	.00	1.39	2.34	.52	.013	.00	.00	PIPE
1142.330	2907.690	1.392	2909.082	44.00	13.71	2.92	2912.00	.00	2.16	2.99	3.000	.000	.00	1 .0
.010	1.0000					.0225	.00	1.39	2.33	.52	.013	.00	.00	PIPE
1142.340	2907.700	1.393	2909.093	44.00	13.69	2.91	2912.00	.00	2.16	2.99	3.000	.000	.00	1 .0
.010	1.0000					.0224	.00	1.39	2.33	.52	.013	.00	.00	PIPE

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1142.350	2907.710	1.395	2909.105	44.00	13.67	2.90	2912.00	.00	2.16	2.99	3.000	.000	.00	1 .0
4.011	.0387					.0219	.09	1.40	2.32	1.20	.013	.00	.00	PIPE
1146.361	2907.865	1.411	2909.276	44.00	13.47	2.82	2912.09	.00	2.16	2.99	3.000	.000	.00	1 .0
10.989	.0387					.0202	.22	1.41	2.27	1.20	.013	.00	.00	PIPE
1157.350	2908.290	1.464	2909.754	44.00	12.84	2.56	2912.32	.00	2.16	3.00	3.000	.000	.00	1 .0
JUNCT STR	.0000					.0212	.00	1.46	2.12		.013	.00	.00	PIPE
1157.350	2908.290	1.339	2909.628	42.00	13.77	2.94	2912.57	.00	2.11	2.98	3.000	.000	.00	1 .0
8.110	.0400					.0226	.18	1.34	2.40	1.16	.013	.00	.00	PIPE
1165.460	2908.614	1.370	2909.984	42.00	13.36	2.77	2912.75	.00	2.11	2.99	3.000	.000	.00	1 .0
10.232	.0400					.0204	.21	1.37	2.29	1.16	.013	.00	.00	PIPE
1175.692	2909.023	1.421	2910.445	42.00	12.74	2.52	2912.96	.00	2.11	3.00	3.000	.000	.00	1 .0
7.947	.0400					.0179	.14	1.42	2.14	1.16	.013	.00	.00	PIPE
1183.640	2909.341	1.475	2910.816	42.00	12.14	2.29	2913.11	.00	2.11	3.00	3.000	.000	.00	1 .0
6.275	.0400					.0158	.10	1.47	1.99	1.16	.013	.00	.00	PIPE
1189.914	2909.592	1.531	2911.123	42.00	11.58	2.08	2913.20	.00	2.11	3.00	3.000	.000	.00	1 .0
4.993	.0400					.0139	.07	1.53	1.86	1.16	.013	.00	.00	PIPE
1194.907	2909.792	1.590	2911.382	42.00	11.04	1.89	2913.27	.00	2.11	2.99	3.000	.000	.00	1 .0
3.965	.0400					.0123	.05	1.59	1.73	1.16	.013	.00	.00	PIPE

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 1-24-2018 Time: 3:12:57

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN3" (ULTIMATE CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip

L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1198.872	2909.951	1.652	2911.603	42.00	10.53	1.72	2913.32	.00	2.11	2.98	3.000	.000	.00	1 .0
3.116	.0400					.0108	.03	1.65	1.60	1.16	.013	.00	.00	PIPE
1201.988	2910.075	1.718	2911.793	42.00	10.04	1.56	2913.36	.00	2.11	2.97	3.000	.000	.00	1 .0
2.405	.0400					.0096	.02	1.72	1.49	1.16	.013	.00	.00	PIPE
1204.393	2910.172	1.787	2911.958	42.00	9.57	1.42	2913.38	.00	2.11	2.94	3.000	.000	.00	1 .0
1.777	.0400					.0085	.02	1.79	1.38	1.16	.013	.00	.00	PIPE
1206.170	2910.243	1.860	2912.103	42.00	9.12	1.29	2913.40	.00	2.11	2.91	3.000	.000	.00	1 .0
1.225	.0400					.0075	.01	1.86	1.28	1.16	.013	.00	.00	PIPE
1207.395	2910.292	1.938	2912.229	42.00	8.70	1.17	2913.40	.00	2.11	2.87	3.000	.000	.00	1 .0
.717	.0400					.0067	.00	1.94	1.18	1.16	.013	.00	.00	PIPE
1208.112	2910.321	2.021	2912.341	42.00	8.29	1.07	2913.41	.00	2.11	2.81	3.000	.000	.00	1 .0
.238	.0400					.0059	.00	2.02	1.09	1.16	.013	.00	.00	PIPE
1208.350	2910.330	2.111	2912.441	42.00	7.90	.97	2913.41	.00	2.11	2.74	3.000	.000	.00	1 .0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST STORM DRAIN ALIGNMENT MODEL "UEGN3" (ULTIMATE CONDITION)

1000.00 .I W C H E . R

1003.11 . .

```
1006.22   .                                                                .
1009.33   .                                                                .
1012.44   .                                                                .
1015.55   .                                                                .
1018.66   .     I               W     C H                   E              .   R
1021.77   .                                                                .
1024.88   .                                                                .
1027.99   .                                                                .
1031.10   .                                                                .
1034.21   .          I               W     C H                   E         .   R
1037.32   .                                                                .
1040.43   .                                                                .
1043.54   .               I               W    C H                 E       .   R
1046.65   .                                                                .
1049.76   .                                                                .
1052.86   .                 I                 W  C H                 E      .   R
1055.97   .                   I                   W C H                E   .   R
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1059.08   .                I                W C H              E                .   R

1062.19   .                I                 WC H              E                .   R

1065.30   .                I                  W H              E                .   JX

1068.41   .                I                 C      H    W      E                .   R

1071.52   .                                                                     .

1074.63   .                                                                     .

1077.74   .                                                                     .

1080.85   .                                                                     .

1083.96   .                                                                     .

1087.07   .                                                                     .

1090.18   .                                                                     .

1093.29   .                                                                     .

1096.40   .                                                                     .

1099.51   .                                                                     .

1102.62   .                                                                     .

1105.73   .                                                                     .

1108.84   .                                                                     .
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1111.95   .                                                                                  .
1115.06   .                    I                   C      H   W     E                         .   JX
1118.17   .                    I                  C       H    W     E                        .   R
1121.28   .                      I                  C       H  W    E                        .   R
1124.39   .                      I           W       C       H              E                 .   R
1127.50   .                        I           W       C       H             E                .   R
1130.61   .                                                                                  .
1133.72   .                                                                                  .
1136.83   .                                                                                  .
1139.94   .                                                                                  .
1143.05   .                            I            W      C       H           E              .   R
1146.16   .                            I            W      C       H           E              .   R
1149.27   .                            I            W      C       H           E              .   R
1152.38   .                            I            W      C       H           E              .   R
1155.49   .                              I            W      C       H          E              .   R
1158.59   .                                 I             W      C       H         E           .   JX
1161.70   .                                 I            W      C        H          E         .   R
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1164.81 . .
1167.92 . I W C H E . R
1171.03 . .
1174.14 . .
1177.25 . I W C H E . R
1180.36 . .
1183.47 . .
1186.58 . I W C H E . R
1189.69 . .
1192.80 . I W C H E . R
1195.91 . I W C H E . R
1199.02 . I W C H E . R
1202.13 . I W C H E . R
1205.24 . I W C H E . R
1208.35 . I W C HE . R
2904.160 2905.085 2906.010 2906.935 2907.860 2908.785 2909.710 2910.635 2911.560 2912.485 2913.411

N O T E S

1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Interim Condition WSPG Summary

Lateral to Mainline in Egan Crest at Southern Boundary of Project Site

WSPG Station	Equivalent Roadway Station	Improvement Plan Sheet	Storm Drain Dimension	Invert Elevation (ft)	Q_{100} (cfs)	WSE (ft)	Velocity (ft/s)	FG Elevation	HGL Check[1]
910.52	33+33.36	PP-08	36" RCP	2899.29	46.00	2905.36	6.51	2915.55	OK
975.48	32+68.4	PP-08	36" RCP	2905.75	46.00	2907.69	9.53	2913.85	OK
1114.35	31+29.54	PP-08	36" RCP	2906.60	46.00	2908.03	13.86	2914.42	OK
1114.35	31+29.54	PP-08	36" RCP	2906.60	44.00	2907.92	14.75	2914.42	OK
1142.32	N/A	REFERENCE	36" RCP	2907.68	44.00	2909.07	13.73	See Referenced Plans	
1142.33	N/A	REFERENCE	36" RCP	2907.69	44.00	2909.08	13.71	See Referenced Plans	
1142.34	N/A	REFERENCE	36" RCP	2907.70	44.00	2909.09	13.69	See Referenced Plans	
1157.35	N/A	REFERENCE	36" RCP	2908.29	44.00	2909.75	12.84	See Referenced Plans	
1157.35	N/A	REFERENCE	36" RCP	2908.29	42.00	2909.63	13.77	See Referenced Plans	
1208.35	N/A	REFERENCE	36" RCP	2910.33	42.00	2912.44	7.90	See Referenced Plans	
1208.35	N/A	REFERENCE		2910.33	42.00	2912.44	7.90	See Referenced Plans	

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T1 SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
T2 BY OLYMPIA COMPANIES
T3 EGAN CREST STORM DRAIN ALIGNMENT MODEL "EGN3" (INTERIM CONDITION)
SO    910.5202899.290 36      .013                2905.36
R     975.4802905.750 36      .013                                        00.00 1
R    1114.3502906.600 36      .013                                        00.00 1
JX   1114.3502906.600 36 18   .013    2.00          2908.100         90.0
R    1142.3202907.680 36      .013                                        15.00 1
R    1142.3302907.690 36      .013                                        15.00
R    1142.3402907.700 36      .013                                        15.00
R    1142.3502907.710 36      .013                                        10.00
R    1157.3502908.290 36      .013                                        00.00 1
JX   1157.3502908.290 36 18   .013    2.00          2908.290         90.0
R    1208.3502910.330 36      .013
SH   1208.3502910.330 36      .013
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  30  4   1    .000   2.500     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  48  4   1    .000   4.000     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
CD  60  4   1    .000   5.000     .000  .000  .000   .00
Q            42.000   .0
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EGN3.EDT

FILE: EGN3.WSW W S P G W - EDIT LISTING - Version 14.10 Date: 2- 1-2018 Time:11:12:19

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING PAGE 1

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	30	4	1		2.500														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	48	4	1		4.000														
CD	54	4	1		4.500														
CD	60	4	1		5.000														

W S P G W PAGE NO 1

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

HEADING LINE NO 2 IS -

BY OLYMPIA COMPANIES

HEADING LINE NO 3 IS -

EGAN CREST STORM DRAIN ALIGNMENT MODEL "EGN3" (INTERIM CONDITION)

W S P G W PAGE NO 2

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	910.520	2899.290	36	2905.360

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	975.480	2905.750	36	.013	.000	.000	.000	1

ELEMENT NO 3 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1114.350	2906.600	36	.013	.000	.000	.000	1

ELEMENT NO 4 IS A JUNCTION * * * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1114.350	2906.600	36	18	0	.013	2.000	.000	2908.100	.000	90.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 5 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1142.320	2907.680	36	.013	.000	.000	15.000	1

ELEMENT NO 6 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1142.330	2907.690	36	.013	.000	.000	15.000	0

ELEMENT NO 7 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1142.340	2907.700	36	.013	.000	.000	15.000	0

ELEMENT NO 8 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1142.350	2907.710	36	.013	.000	.000	10.000	0

```
 ELEMENT NO   9 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1157.350 2908.290   36              .013                           .000     .000      .000     1
 ELEMENT NO  10 IS A JUNCTION         *         *     *     *                  *                  *              *
                    U/S DATA   STATION    INVERT  SECT LAT-1 LAT-2   N      Q3        Q4     INVERT-3 INVERT-4  PHI 3  PHI 4
                               1157.350 2908.290   36    18     0   .013     2.000      .000  2908.290      .000  90.000     .000
                                                                                                  RADIUS    ANGLE
                                                                                                    .000    .000
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
                                                    W S P G W                                                          PAGE NO   3
                           WATER SURFACE PROFILE - ELEMENT CARD LISTING
 ELEMENT NO  11 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               1208.350 2910.330   36              .013                           .000     .000      .000     0
 ELEMENT NO  12 IS A SYSTEM HEADWORKS                 *                     *
                    U/S DATA   STATION    INVERT  SECT                                   W S ELEV
                               1208.350 2910.330   36                                       .000
```

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN ALIGNMENT MODEL "EGN3" (INTERIM CONDITION)

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head / SF Ave	Energy Grd.El. / HF	Super Elev / SE Dpth	Critical Depth / Froude N	Flow Top Width / Norm Dp	Height/Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
910.520	2899.290	6.070	2905.360	46.00	6.51	.66	2906.02	.00	2.21	.00	3.000	.000	.00	1 .0
21.371	.0994					.0048	.10	6.07	.00	.95	.013	.00	.00	PIPE
931.891	2901.415	4.056	2905.472	46.00	6.51	.66	2906.13	.00	2.21	.00	3.000	.000	.00	1 .0
HYDRAULIC JUMP														
931.891	2901.415	1.153	2902.568	46.00	18.39	5.25	2907.82	.00	2.21	2.92	3.000	.000	.00	1 .0
5.881	.0994					.0462	.27	1.15	3.50	.95	.013	.00	.00	PIPE
937.772	2902.000	1.185	2903.186	46.00	17.71	4.87	2908.06	.00	2.21	2.93	3.000	.000	.00	1 .0
6.855	.0994					.0411	.28	1.19	3.32	.95	.013	.00	.00	PIPE
944.627	2902.682	1.228	2903.910	46.00	16.89	4.43	2908.34	.00	2.21	2.95	3.000	.000	.00	1 .0
5.647	.0994					.0361	.20	1.23	3.10	.95	.013	.00	.00	PIPE
950.274	2903.243	1.273	2904.517	46.00	16.10	4.03	2908.54	.00	2.21	2.97	3.000	.000	.00	1 .0
4.711	.0994					.0317	.15	1.27	2.89	.95	.013	.00	.00	PIPE
954.985	2903.712	1.320	2905.032	46.00	15.35	3.66	2908.69	.00	2.21	2.98	3.000	.000	.00	1 .0
3.963	.0994					.0279	.11	1.32	2.70	.95	.013	.00	.00	PIPE
958.948	2904.106	1.369	2905.475	46.00	14.64	3.33	2908.80	.00	2.21	2.99	3.000	.000	.00	1 .0
3.351	.0994					.0245	.08	1.37	2.52	.95	.013	.00	.00	PIPE
962.300	2904.439	1.421	2905.860	46.00	13.96	3.02	2908.88	.00	2.21	3.00	3.000	.000	.00	1 .0
2.841	.0994					.0216	.06	1.42	2.34	.95	.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN ALIGNMENT MODEL "EGN3" (INTERIM CONDITION)

Station / L/Elem	Invert Elev / Ch Slope	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS) / SF Ave	Vel Head / HF	Energy Grd.El. / SE Dpth	Super Elev / Froude N	Critical Depth / Norm Dp	Flow Top Width	Height/ Dia.-FT / "N"	Base Wt or I.D. / X-Fall	ZL / ZR	No Wth Prs/Pip / Type Ch
965.140	2904.722	1.474	2906.196	46.00	13.31	2.75	2908.95	.00	2.21	3.00	3.000	.000	.00	1 .0
2.408	.0994					.0190	.05	1.47	2.18	.95	.013	.00	.00	PIPE
967.548	2904.961	1.530	2906.492	46.00	12.69	2.50	2908.99	.00	2.21	3.00	3.000	.000	.00	1 .0
2.032	.0994					.0167	.03	1.53	2.03	.95	.013	.00	.00	PIPE
969.580	2905.163	1.590	2906.753	46.00	12.10	2.27	2909.03	.00	2.21	2.99	3.000	.000	.00	1 .0
1.707	.0994					.0147	.03	1.59	1.89	.95	.013	.00	.00	PIPE
971.287	2905.333	1.652	2906.985	46.00	11.53	2.07	2909.05	.00	2.21	2.98	3.000	.000	.00	1 .0
1.416	.0994					.0130	.02	1.65	1.76	.95	.013	.00	.00	PIPE
972.703	2905.474	1.717	2907.191	46.00	11.00	1.88	2909.07	.00	2.21	2.97	3.000	.000	.00	1 .0
1.155	.0994					.0115	.01	1.72	1.63	.95	.013	.00	.00	PIPE
973.859	2905.589	1.786	2907.375	46.00	10.49	1.71	2909.08	.00	2.21	2.94	3.000	.000	.00	1 .0
.921	.0994					.0102	.01	1.79	1.51	.95	.013	.00	.00	PIPE
974.779	2905.680	1.859	2907.540	46.00	10.00	1.55	2909.09	.00	2.21	2.91	3.000	.000	.00	1 .0
.701	.0994					.0090	.01	1.86	1.40	.95	.013	.00	.00	PIPE
975.480	2905.750	1.937	2907.687	46.00	9.53	1.41	2909.10	.00	2.21	2.87	3.000	.000	.00	1 .0
18.923	.0061					.0089	.17	1.94	1.30	2.19	.013	.00	.00	PIPE
994.403	2905.866	1.870	2907.736	46.00	9.93	1.53	2909.27	.00	2.21	2.91	3.000	.000	.00	1 .0
20.468	.0061					.0100	.20	1.87	1.39	2.19	.013	.00	.00	PIPE

Program Package Serial Number: 7189
WATER SURFACE PROFILE LISTING Date: 2- 1-2018 Time:11:12:22

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN ALIGNMENT MODEL "EGN3" (INTERIM CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1014.871	2905.991	1.796	2907.787	46.00	10.41	1.68	2909.47	.00	2.21	2.94	3.000	.000	.00	1 .0
19.080	.0061					.0113	.22	1.80	1.50	2.19	.013	.00	.00	PIPE
1033.951	2906.108	1.727	2907.834	46.00	10.92	1.85	2909.69	.00	2.21	2.97	3.000	.000	.00	1 .0
17.909	.0061					.0128	.23	1.73	1.62	2.19	.013	.00	.00	PIPE
1051.860	2906.217	1.661	2907.878	46.00	11.46	2.04	2909.92	.00	2.21	2.98	3.000	.000	.00	1 .0
16.895	.0061					.0145	.24	1.66	1.74	2.19	.013	.00	.00	PIPE
1068.755	2906.321	1.598	2907.919	46.00	12.02	2.24	2910.16	.00	2.21	2.99	3.000	.000	.00	1 .0
15.983	.0061					.0164	.26	1.60	1.87	2.19	.013	.00	.00	PIPE
1084.738	2906.419	1.539	2907.957	46.00	12.60	2.47	2910.42	.00	2.21	3.00	3.000	.000	.00	1 .0
15.177	.0061					.0186	.28	1.54	2.01	2.19	.013	.00	.00	PIPE
1099.914	2906.512	1.482	2907.994	46.00	13.22	2.71	2910.71	.00	2.21	3.00	3.000	.000	.00	1 .0
14.436	.0061					.0212	.31	1.48	2.16	2.19	.013	.00	.00	PIPE
1114.350	2906.600	1.428	2908.028	46.00	13.86	2.98	2911.01	.00	2.21	3.00	3.000	.000	.00	1 .0
JUNCT STR	.0000					.0250	.00	1.43	2.32		.013	.00	.00	PIPE
1114.350	2906.600	1.316	2907.916	44.00	14.75	3.38	2911.29	.00	2.16	2.98	3.000	.000	.00	1 .0
11.118	.0386					.0266	.30	1.32	2.60	1.20	.013	.00	.00	PIPE
1125.468	2907.029	1.340	2908.369	44.00	14.40	3.22	2911.59	.00	2.16	2.98	3.000	.000	.00	1 .0
16.852	.0386					.0242	.41	1.34	2.51	1.20	.013	.00	.00	PIPE

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip

L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1142.320	2907.680	1.390	2909.070	44.00	13.73	2.93	2912.00	.00	2.16	2.99	3.000	.000	.00	1 .0
.010	1.0000					.0226	.00	1.39	2.34	.52	.013	.00	.00	PIPE
1142.330	2907.690	1.392	2909.082	44.00	13.71	2.92	2912.00	.00	2.16	2.99	3.000	.000	.00	1 .0
.010	1.0000					.0225	.00	1.39	2.33	.52	.013	.00	.00	PIPE
1142.340	2907.700	1.393	2909.093	44.00	13.69	2.91	2912.00	.00	2.16	2.99	3.000	.000	.00	1 .0
.010	1.0000					.0224	.00	1.39	2.33	.52	.013	.00	.00	PIPE
1142.350	2907.710	1.395	2909.105	44.00	13.67	2.90	2912.00	.00	2.16	2.99	3.000	.000	.00	1 .0
4.011	.0387					.0219	.09	1.40	2.32	1.20	.013	.00	.00	PIPE
1146.361	2907.865	1.411	2909.276	44.00	13.47	2.82	2912.09	.00	2.16	2.99	3.000	.000	.00	1 .0
10.989	.0387					.0202	.22	1.41	2.27	1.20	.013	.00	.00	PIPE
1157.350	2908.290	1.464	2909.754	44.00	12.84	2.56	2912.32	.00	2.16	3.00	3.000	.000	.00	1 .0
JUNCT STR	.0000					.0212	.00	1.46	2.12		.013	.00	.00	PIPE
1157.350	2908.290	1.339	2909.628	42.00	13.77	2.94	2912.57	.00	2.11	2.98	3.000	.000	.00	1 .0
8.110	.0400					.0226	.18	1.34	2.40	1.16	.013	.00	.00	PIPE
1165.460	2908.614	1.370	2909.984	42.00	13.36	2.77	2912.75	.00	2.11	2.99	3.000	.000	.00	1 .0
10.232	.0400					.0204	.21	1.37	2.29	1.16	.013	.00	.00	PIPE
1175.692	2909.023	1.421	2910.445	42.00	12.74	2.52	2912.96	.00	2.11	3.00	3.000	.000	.00	1 .0
7.947	.0400					.0179	.14	1.42	2.14	1.16	.013	.00	.00	PIPE

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 1-2018 Time:11:12:22

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C
BY OLYMPIA COMPANIES
EGAN CREST STORM DRAIN ALIGNMENT MODEL "EGN3" (INTERIM CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch

1183.640	2909.341	1.475	2910.816	42.00	12.14	2.29	2913.11	.00	2.11	3.00	3.000	.000	.00	1	.0
6.275	.0400					.0158	.10	1.47	1.99	1.16	.013	.00	.00	PIPE	
1189.914	2909.592	1.531	2911.123	42.00	11.58	2.08	2913.20	.00	2.11	3.00	3.000	.000	.00	1	.0
4.993	.0400					.0139	.07	1.53	1.86	1.16	.013	.00	.00	PIPE	
1194.907	2909.792	1.590	2911.382	42.00	11.04	1.89	2913.27	.00	2.11	2.99	3.000	.000	.00	1	.0
3.965	.0400					.0123	.05	1.59	1.73	1.16	.013	.00	.00	PIPE	
1198.872	2909.951	1.652	2911.603	42.00	10.53	1.72	2913.32	.00	2.11	2.98	3.000	.000	.00	1	.0
3.116	.0400					.0108	.03	1.65	1.60	1.16	.013	.00	.00	PIPE	
1201.988	2910.075	1.718	2911.793	42.00	10.04	1.56	2913.36	.00	2.11	2.97	3.000	.000	.00	1	.0
2.405	.0400					.0096	.02	1.72	1.49	1.16	.013	.00	.00	PIPE	
1204.393	2910.172	1.787	2911.958	42.00	9.57	1.42	2913.38	.00	2.11	2.94	3.000	.000	.00	1	.0
1.777	.0400					.0085	.02	1.79	1.38	1.16	.013	.00	.00	PIPE	
1206.170	2910.243	1.860	2912.103	42.00	9.12	1.29	2913.40	.00	2.11	2.91	3.000	.000	.00	1	.0
1.225	.0400					.0075	.01	1.86	1.28	1.16	.013	.00	.00	PIPE	
1207.395	2910.292	1.938	2912.229	42.00	8.70	1.17	2913.40	.00	2.11	2.87	3.000	.000	.00	1	.0
.717	.0400					.0067	.00	1.94	1.18	1.16	.013	.00	.00	PIPE	
1208.112	2910.321	2.021	2912.341	42.00	8.29	1.07	2913.41	.00	2.11	2.81	3.000	.000	.00	1	.0
.238	.0400					.0059	.00	2.02	1.09	1.16	.013	.00	.00	PIPE	

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1208.350	2910.330	2.111	2912.441	42.00	7.90	.97	2913.41	.00	2.11	2.74	3.000	.000	.00	1	.0

SKYE CANYON INFRASTRUCTURE - PHASE 3B, 3C

BY OLYMPIA COMPANIES

EGAN CREST STORM DRAIN ALIGNMENT MODEL "EGN3" (INTERIM CONDITION)

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910.52   .I          C    H                 W   E                                  .   R
913.79   .                                                                         .
917.07   .                                                                         .
920.34   .                                                                         .
923.61   .                                                                         .
926.88   .                                                                         .
930.16   .                                                                         .
933.43   .           I            C    H     W   E                                 .   R
936.70   .           I      W     C    H                   E                       .   R
939.98   .               I      W     C    H                  E                    .   R
943.25   .                                                                         .
946.52   .                   I      W     C    H                E                  .   R
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949.79   .                                                                                                  .
953.07   .                          I        W    C    H             E                                     .   R
956.34   .                              I       W    C    H           E                                     .   R
959.61   .                                 I       W    C    H          E                                   .   R
962.89   .                                   I        W    C   H        E                                   .   R
966.16   .                                      I        W    C   H       E                                  .   R
969.43   .                                        I         W  C    H     E                                  .   R
972.70   .                                         I         W   C   H    E                                  .   R
975.98   .                                          I          W  C    H   E                                 .   R
979.25   .                                           I          W  C    H  E                                 .   R
982.52   .                                            I           W C   H  E                                 .   R
985.80   .                                             I           W C    H E                                .   R
989.07   .                                             I            W C   H E                                 .   R
992.34   .                                                                                                  .
995.61   .                                              I           W  C   H E                                .   R
998.89   .                                                                                                  .
1002.16  .                                                                                                  .
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1005.43   .                                                                                  .
1008.71   .                                                                                  .
1011.98   .                                                                                  .
1015.25   .                                        I          W  C    H   E                    .    R
1018.52   .                                                                                  .
1021.80   .                                                                                  .
1025.07   .                                                                                  .
1028.34   .                                                                                  .
1031.62   .                                                                                  .
1034.89   .                                         I          W  C     H   E                   .    R
1038.16   .                                                                                  .
1041.43   .                                                                                  .
1044.71   .                                                                                  .
1047.98   .                                                                                  .
1051.25   .                                                                                  .
1054.53   .                                          I         W   C     H    E                 .    R
1057.80   .                                                                                  .
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1061.07 .

1064.34 .

1067.62 .

1070.89 . I W C H E . R

1074.16 .

1077.44 .

1080.71 .

1083.98 .

1087.25 . I W C H E . R

1090.53 .

1093.80 .

1097.07 .

1100.35 . I W C H E . R

1103.62 .

1106.89 .

1110.16 .

1113.44 .

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1116.71   .                                   I        W    C    H        E                .   JX

1119.98   .                                   I        W    C    H          E              .   R

1123.26   .                                                                                 .

1126.53   .                                      I        W    C    H         E             .   R

1129.80   .                                                                                 .

1133.07   .                                                                                 .

1136.35   .                                                                                 .

1139.62   .                                                                                 .

1142.89   .                                            I        W   C    H       E          .   R

1146.17   .                                            I        W   C    H        E         .   R

1149.44   .                                            I        W   C    H        E         .   R

1152.71   .                                            I        W   C    H        E         .   R

1155.98   .                                             I        W    C   H       E         .   R

1159.26   .                                                I         W   C   H      E       .   JX

1162.53   .                                                I        W   C    H        E     .   R

1165.80   .                                                   I       W   C     H      E    .   R

1169.08   .                                                                                 .
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1172.35    .                                                
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Y = WALL ENTRANCE OR EXIT

2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Street E Assessment

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T1 SKYE CANYON PHASE 3A (PPHASE 3B, 3C ASSESSMENT)
T2 STREET E & SKYE PARK DRIVE
T3 42" RCP --> 36" RCP --> EX. 54" RCP (PROPOSED CONDITION)
SO   1000.0002795.460 54      .013                2799.000
R    1090.0002797.270 54      .013                                    .0     1
WX   1090.0002797.270 54      .013
R    1105.0002798.800 54      .013                                    .0     1
JX   1105.0002798.800 36 18   .013    3.000         2799.000           .0       90.000
JX   1226.0002811.080 36 24   .013   17.000         2811.080           .0       48.000
JX   1277.0002812.200 36 18   .013    8.000         2812.200         45.0         .000
R    1420.0002815.350 36      .013                                            1
R    1435.0002815.590 36      .013                                       45.0 1
R    1619.0002819.640 36      .013                                       45.0 1
R    1862.0002829.540 36      .013                                         .0 1
R    2135.0002840.650 36      .013                                         .0 1
WE   2135.0002840.650 36      .013
R    2240.0002841.180 42      .013                                         .0 1
R    2297.0002841.470 42      .013
SH   2297.0002841.470 42      .013                2846.000
CD  18  4   1    .000   1.500     .000  .000  .000   .00
CD  24  4   1    .000   2.000     .000  .000  .000   .00
CD  36  4   1    .000   3.000     .000  .000  .000   .00
CD  42  4   1    .000   3.500     .000  .000  .000   .00
CD  54  4   1    .000   4.500     .000  .000  .000   .00
Q           84.000   .0
```

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	24	4	1		2.000														
CD	36	4	1		3.000														
CD	42	4	1		3.500														
CD	54	4	1		4.500														

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -
SKYE CANYON PHASE 3A (PPHASE 3B, 3C ASSESSMENT)

HEADING LINE NO 2 IS -
STREET E & SKYE PARK DRIVE

HEADING LINE NO 3 IS -
42" RCP --> 36" RCP --> EX. 54" RCP (PROPOSED CONDITION)

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET		*	*	*											
U/S DATA	STATION	INVERT	SECT							W S ELEV					
	1000.000	2795.460	54							2799.000					
ELEMENT NO 2 IS A REACH		*	*	*											
U/S DATA	STATION	INVERT	SECT		N					RADIUS	ANGLE	ANG PT	MAN H		
	1090.000	2797.270	54		.013					.000	.000	.010	0		
ELEMENT NO 3 IS A WALL EXIT				*											
U/S DATA	STATION	INVERT	SECT												
	1090.000	2797.270	54												
ELEMENT NO 4 IS A REACH		*	*	*											
U/S DATA	STATION	INVERT	SECT		N					RADIUS	ANGLE	ANG PT	MAN H		
	1105.000	2798.800	54		.013					.000	.000	.010	0		
ELEMENT NO 5 IS A JUNCTION		*	*	*	*		*			*		*			
U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4			
	1105.000	2798.800	36	18	0	.013	3.000	.000	2799.000	.000	.000	.000			
									RADIUS	ANGLE					
									.000	90.000					
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING															
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING															
ELEMENT NO 6 IS A JUNCTION		*	*	*	*		*			*		*			
U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4			
	1226.000	2811.080	36	24	0	.013	17.000	.000	2811.080	.000	.000	.000			
									RADIUS	ANGLE					
									144.433	48.000					
ELEMENT NO 7 IS A JUNCTION		*	*	*	*		*			*		*			
U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4			
	1277.000	2812.200	36	18	0	.013	8.000	.000	2812.200	.000	45.000	.000			
									RADIUS	ANGLE					
									.000	.000					
ELEMENT NO 8 IS A REACH		*	*	*											
U/S DATA	STATION	INVERT	SECT		N					RADIUS	ANGLE	ANG PT	MAN H		
	1420.000	2815.350	36		.013					.000	.000	.001	0		

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 9 IS A REACH		*	*	*											
U/S DATA	STATION	INVERT	SECT		N					RADIUS	ANGLE	ANG PT	MAN H		
	1435.000	2815.590	36		.013					.000	.000	45.010	0		
ELEMENT NO 10 IS A REACH		*	*	*											
U/S DATA	STATION	INVERT	SECT		N					RADIUS	ANGLE	ANG PT	MAN H		
	1619.000	2819.640	36		.013					.000	.000	45.010	0		
ELEMENT NO 11 IS A REACH		*	*	*											
U/S DATA	STATION	INVERT	SECT		N					RADIUS	ANGLE	ANG PT	MAN H		
	1862.000	2829.540	36		.013					.000	.000	.010	0		
ELEMENT NO 12 IS A REACH		*	*	*											

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                                                                                                PRO
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               2135.000 2840.650   36              .013                          .000     .000      .010     0
 ELEMENT NO  13 IS A  WALL  ENTRANCE                  *
                    U/S DATA   STATION    INVERT  SECT             FP
                               2135.000 2840.650   36              .013
WARNING - ADJACENT SECTIONS ARE NOT IDENTICAL - SEE SECTION NUMBERS AND CHANNEL DEFINITIONS
 ELEMENT NO  14 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               2240.000 2841.180   42              .013                          .000     .000      .010     0
 ELEMENT NO  15 IS A REACH            *         *     *
                    U/S DATA   STATION    INVERT  SECT              N                          RADIUS    ANGLE     ANG PT  MAN H
                               2297.000 2841.470   42              .013                          .000     .000      .000     0
 ELEMENT NO  16 IS A SYSTEM HEADWORKS                 *                     *
                    U/S DATA   STATION    INVERT  SECT                                   W S ELEV
                               2297.000 2841.470   42                                  2846.000
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Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 6-2018 Time: 3:54:32

SKYE CANYON PHASE 3A (PPHASE 3B, 3C ASSESSMENT)
STREET E & SKYE PARK DRIVE
42" RCP --> 36" RCP --> EX. 54" RCP (PROPOSED CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2795.460	2.025	2797.485	112.00	16.13	4.04	2801.53	.00	3.11	4.48	4.500	.000	.00	1 .0
90.000	.0201					.0179	1.61	2.03	2.28	1.98	.013	.00	.00	PIPE
1090.000	2797.270	2.074	2799.344	112.00	15.64	3.80	2803.14	.00	3.11	4.49	4.500	.000	.00	0 .0
WALL	EXIT													
1090.000	2797.270	2.073	2799.343	112.00	15.65	3.80	2803.15	.00	3.11	4.49	4.500	.000	.00	1 .0
1.275	.1020					.0168	.02	2.07	2.18	1.29	.013	.00	.00	PIPE
1091.275	2797.400	2.102	2799.502	112.00	15.37	3.67	2803.17	.00	3.11	4.49	4.500	.000	.00	1 .0
2.936	.1020					.0154	.05	2.10	2.13	1.29	.013	.00	.00	PIPE
1094.211	2797.699	2.181	2799.881	112.00	14.65	3.33	2803.21	.00	3.11	4.50	4.500	.000	.00	1 .0
2.488	.1020					.0136	.03	2.18	1.98	1.29	.013	.00	.00	PIPE
1096.699	2797.953	2.264	2800.218	112.00	13.97	3.03	2803.25	.00	3.11	4.50	4.500	.000	.00	1 .0
2.093	.1020					.0119	.02	2.26	1.84	1.29	.013	.00	.00	PIPE
1098.792	2798.167	2.351	2800.518	112.00	13.32	2.76	2803.27	.00	3.11	4.50	4.500	.000	.00	1 .0
1.739	.1020					.0105	.02	2.35	1.72	1.29	.013	.00	.00	PIPE
1100.531	2798.344	2.443	2800.787	112.00	12.70	2.50	2803.29	.00	3.11	4.48	4.500	.000	.00	1 .0
1.418	.1020					.0093	.01	2.44	1.60	1.29	.013	.00	.00	PIPE
1101.950	2798.489	2.539	2801.028	112.00	12.11	2.28	2803.30	.00	3.11	4.46	4.500	.000	.00	1 .0
1.125	.1020					.0082	.01	2.54	1.48	1.29	.013	.00	.00	PIPE

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 6-2018 Time: 3:54:32

SKYE CANYON PHASE 3A (PPHASE 3B, 3C ASSESSMENT)
STREET E & SKYE PARK DRIVE
42" RCP --> 36" RCP --> EX. 54" RCP (PROPOSED CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1103.074	2798.604	2.641	2801.244	112.00	11.55	2.07	2803.31	.00	3.11	4.43	4.500	.000	.00	1 .0
.854	.1020					.0073	.01	2.64	1.38	1.29	.013	.00	.00	PIPE
1103.928	2798.691	2.748	2801.438	112.00	11.01	1.88	2803.32	.00	3.11	4.39	4.500	.000	.00	1 .0
.598	.1020					.0064	.00	2.75	1.27	1.29	.013	.00	.00	PIPE

1104.526	2798.752	2.862	2801.614	112.00	10.50	1.71	2803.32	.00	3.11	4.33	4.500	.000	.00	1	.0	
.355	.1020					.0057	.00	2.86	1.18	1.29	.013	.00	.00	PIPE		
1104.881	2798.788	2.983	2801.771	112.00	10.01	1.56	2803.33	.00	3.11	4.25	4.500	.000	.00	1	.0	
.119	.1020					.0051	.00	2.98	1.09	1.29	.013	.00	.00	PIPE		
1105.000	2798.800	3.114	2801.914	112.00	9.54	1.41	2803.33	.08	3.11	4.16	4.500	.000	.00	1	.0	
JUNCT STR	.0000							3.20	1.00		.013	.00	.00	PIPE		
1105.000	2798.800	1.906	2800.706	109.00	23.01	8.22	2808.93	.00	2.92	2.89	3.000	.000	.00	1	.0	
JUNCT STR	.1015					.0333	4.03	2.23	3.17		.013	.00	.00	PIPE		
1226.000	2811.080	2.689	2813.769	92.00	13.77	2.95	2816.71	.00	2.86	1.83	3.000	.000	.00	1	.0	
JUNCT STR	.0220					.0196	1.00	2.69	1.27		.013	.00	.00	PIPE		
1277.000	2812.200	2.106	2814.306	84.00	15.85	3.90	2818.20	.00	2.80	2.74	3.000	.000	.00	1	.0	
143.000	.0220					.0233	3.33	2.11	2.01	2.12	.013	.00	.00	PIPE		
1420.000	2815.350	2.050	2817.400	84.00	16.32	4.14	2821.54	.00	2.80	2.79	3.000	.000	.00	1	.0	
15.000	.0160					.0247	.37	2.05	2.12	2.45	.013	.00	.00	PIPE		

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 6-2018 Time: 3:54:32

SKYE CANYON PHASE 3A (PPHASE 3B, 3C ASSESSMENT)
STREET E & SKYE PARK DRIVE
42" RCP --> 36" RCP --> EX. 54" RCP (PROPOSED CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1435.000	2815.590	2.014	2817.604	84.00	16.65	4.31	2821.91	.00	2.80	2.82	3.000	.000	.00	1	.0	
67.565	.0220					.0268	1.81	2.01	2.19	2.12	.013	.00	.00	PIPE		
1502.565	2817.077	1.936	2819.013	84.00	17.41	4.71	2823.72	.00	2.80	2.87	3.000	.000	.00	1	.0	
48.632	.0220					.0301	1.46	1.94	2.37	2.12	.013	.00	.00	PIPE		
1551.197	2818.148	1.859	2820.006	84.00	18.26	5.18	2825.19	.00	2.80	2.91	3.000	.000	.00	1	.0	
37.219	.0220					.0340	1.26	1.86	2.56	2.12	.013	.00	.00	PIPE		
1588.416	2818.967	1.785	2820.752	84.00	19.15	5.70	2826.45	.00	2.80	2.95	3.000	.000	.00	1	.0	
30.584	.0220					.0384	1.17	1.79	2.77	2.12	.013	.00	.00	PIPE		
1619.000	2819.640	1.716	2821.356	84.00	20.09	6.27	2827.62	.00	2.80	2.97	3.000	.000	.00	1	.0	
31.754	.0407					.0407	1.29	1.72	2.98	1.72	.013	.00	.00	PIPE		
1650.754	2820.934	1.716	2822.650	84.00	20.09	6.27	2828.92	.00	2.80	2.97	3.000	.000	.00	1	.0	
211.246	.0407					.0398	8.41	1.72	2.98	1.72	.013	.00	.00	PIPE		
1862.000	2829.540	1.743	2831.282	84.00	19.72	6.04	2837.32	.00	2.80	2.96	3.000	.000	.00	1	.0	
9.737	.0407					.0388	.38	1.74	2.90	1.72	.013	.00	.00	PIPE		
1871.737	2829.936	1.745	2831.681	84.00	19.69	6.02	2837.70	.00	2.80	2.96	3.000	.000	.00	1	.0	

111.968	.0407					.0364	4.08	1.75	2.89	1.72	.013	.00	.00	PIPE			
1983.705	2834.492	1.816	2836.308	84.00	18.77	5.47	2841.78	.00	2.80	2.93	3.000	.000	.00	1	.0		
50.104	.0407					.0323	1.62	1.82	2.68	1.72	.013	.00	.00	PIPE			

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 6-2018 Time: 3:54:32

SKYE CANYON PHASE 3A (PPHASE 3B, 3C ASSESSMENT)
STREET E & SKYE PARK DRIVE
42" RCP --> 36" RCP --> EX. 54" RCP (PROPOSED CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
2033.809	2836.531	1.891	2838.422	84.00	17.90	4.97	2843.40	.00	2.80	2.90	3.000	.000	.00	1 .0
30.826	.0407					.0286	.88	1.89	2.48	1.72	.013	.00	.00	PIPE
2064.635	2837.786	1.970	2839.756	84.00	17.07	4.52	2844.28	.00	2.80	2.85	3.000	.000	.00	1 .0
21.336	.0407					.0254	.54	1.97	2.29	1.72	.013	.00	.00	PIPE
2085.971	2838.654	2.056	2840.710	84.00	16.27	4.11	2844.82	.00	2.80	2.79	3.000	.000	.00	1 .0
15.631	.0407					.0227	.35	2.06	2.11	1.72	.013	.00	.00	PIPE
2101.603	2839.291	2.147	2841.438	84.00	15.51	3.74	2845.18	.00	2.80	2.71	3.000	.000	.00	1 .0
11.750	.0407					.0202	.24	2.15	1.93	1.72	.013	.00	.00	PIPE
2113.353	2839.769	2.247	2842.016	84.00	14.79	3.40	2845.41	.00	2.80	2.60	3.000	.000	.00	1 .0
8.859	.0407					.0182	.16	2.25	1.76	1.72	.013	.00	.00	PIPE
2122.212	2840.129	2.356	2842.486	84.00	14.10	3.09	2845.57	.00	2.80	2.46	3.000	.000	.00	1 .0
6.520	.0407					.0164	.11	2.36	1.60	1.72	.013	.00	.00	PIPE
2128.732	2840.395	2.479	2842.874	84.00	13.45	2.81	2845.68	.00	2.80	2.27	3.000	.000	.00	1 .0
4.390	.0407					.0150	.07	2.48	1.43	1.72	.013	.00	.00	PIPE
2133.122	2840.573	2.621	2843.195	84.00	12.82	2.55	2845.75	.00	2.80	1.99	3.000	.000	.00	1 .0
1.878	.0407					.0140	.03	2.62	1.25	1.72	.013	.00	.00	PIPE
2135.000	2840.650	2.804	2843.454	84.00	12.22	2.32	2845.77	.00	2.80	1.48	3.000	.000	.00	1 .0

WALL ENTRANCE

Program Package Serial Number: 7189

WATER SURFACE PROFILE LISTING Date: 2- 6-2018 Time: 3:54:32

SKYE CANYON PHASE 3A (PPHASE 3B, 3C ASSESSMENT)
STREET E & SKYE PARK DRIVE
42" RCP --> 36" RCP --> EX. 54" RCP (PROPOSED CONDITION)

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
2135.000	2840.650	2.805	2843.455	84.00	12.22	2.32	2845.77	.00	2.80	1.48	3.000	.000	.00	0 .0

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1187.52   .    I   WC  HE                                                  .   R
1203.14   .    I    WC HE                                                  .   R
1218.77   .     I   WC  H                                                  .   R
1234.40   .     I   WC  H                                                  .   R
1250.02   .     I    W  H                                                  .   R
1265.65   .     I    W  H                                                  .   R
1281.28   .     I    W  H                                                  .   JX
1296.90   .     I  WSH           E                                         .   JX
1312.53   .                         I    H    E                            .   JX
1328.16   .                           I  WCH   E                           .   R
1343.78   .                                                                .
1359.41   .                                                                .
1375.04   .                                                                .
1390.66   .                                                                .
1406.29   .                                                                .
1421.92   .                                 I  WCH    E                    .   R
1437.54   .                                 I  W H     E                   .   R
1453.17   .                                                                .
1468.80   .                                                                .
1484.42   .                                                                .
1500.05   .                                                                .
1515.67   .                                   I  W H     E                 .   R
1531.30   .                                                                .
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1546.93   .                                                                  .
1562.55   .                          I   W H       E                         .   R
1578.18   .                                                                  .
1593.81   .                           I  W  H        E                       .   R
1609.43   .                                                                  .
1625.06   .                            I   W H         E                     .   R
1640.69   .                                                                  .
1656.31   .                              I  W CH         E                   .   R
1671.94   .                                                                  .
1687.57   .                                                                  .
1703.19   .                                                                  .
1718.82   .                                                                  .
1734.45   .                                                                  .
1750.07   .                                                                  .
1765.70   .                                                                  .
1781.33   .                                                                  .
1796.95   .                                                                  .
1812.58   .                                                                  .
1828.20   .                                                                  .
1843.83   .                                                                  .
1859.46   .                                                                  .
1875.08   .                                          I  W CH        E         .   R
1890.71   .                                           I  W CH        E        .   R
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1906.34   .                                                    .
1921.96   .                                                    .
1937.59   .                                                    .
1953.22   .                                                    .
1968.84   .                                                    .
1984.47   .                                  I  W CH       E   .    R
2000.10   .                                                    .
2015.72   .                                                    .
2031.35   .                                                    .
2046.98   .                                     I  W CH      E  .    R
2062.60   .                                                    .
2078.23   .                                       I   W H      E   .    R
2093.86   .                                         I   WCH     E  .    R
2109.48   .                                          I   W H     E  .    R
2125.11   .                                           I    WH    E  .    R
2140.73   .                                            I   WCH    E .    R
2156.36   .                                            I    WH    E .    R
2171.99   .                                             I    WH   E .    R
2187.61   .                                             IYYYYWH   E .    WE
2203.24   .                                             IYYYYWH   E .    WE
2218.87   .                                             I    W H E  .    R
2234.49   .                                             I     WH E  .    R
2250.12   .                                             I     CH E  .    R
```

```
   2265.75    .                                                                  I     WH E .    R

   2281.37    .                                                                              .

   2297.00    .                                                                  I     CH  E.    R

            2795.460  2800.520  2805.579  2810.639  2815.698  2820.758  2825.817  2830.877  2835.937  2840.996  2846.056
```

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

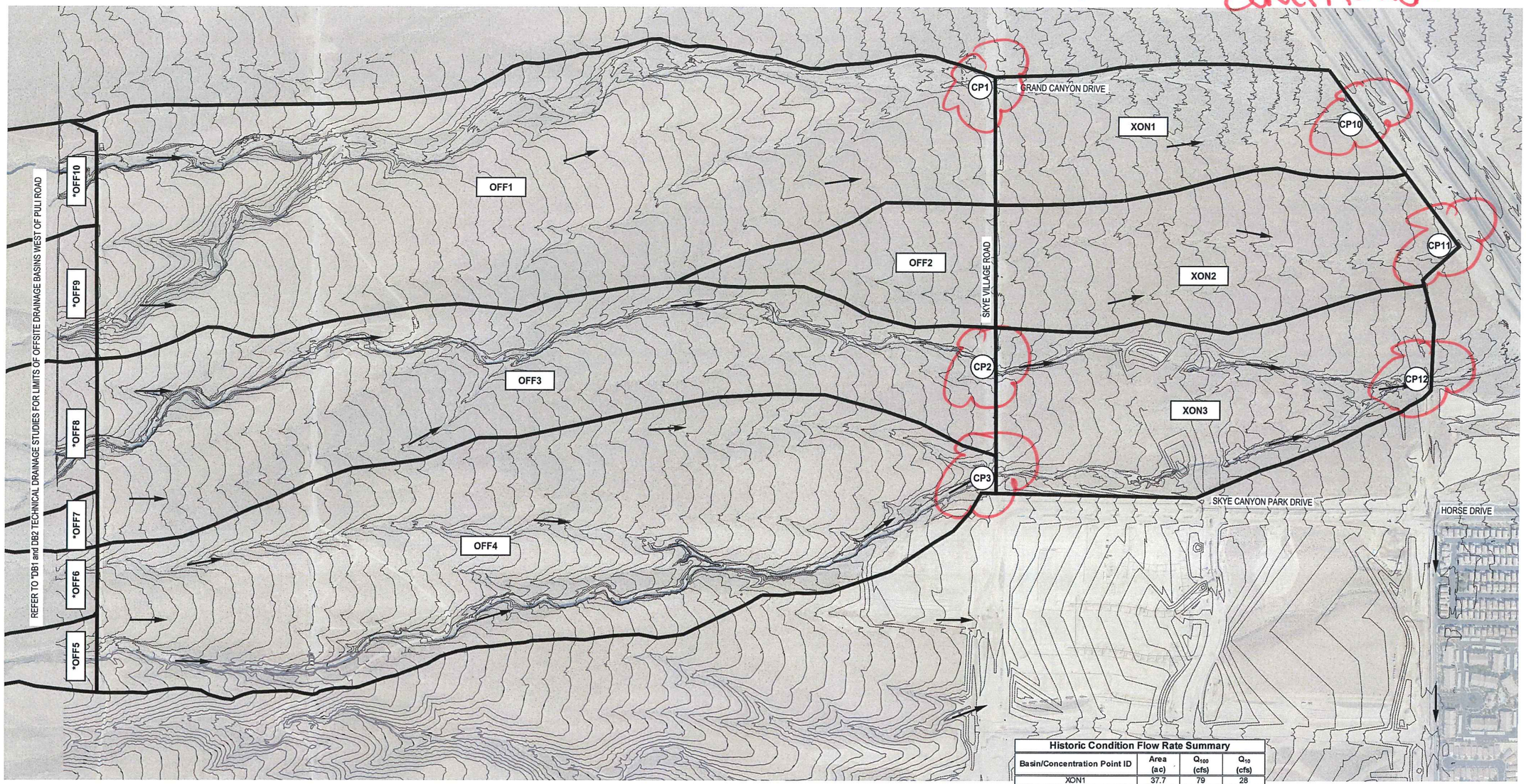
APPENDIX F

Reference Material

Technical Drainage Study for Skye Canyon Phase 3A Infrastructure, by SHG

Drainage Exhibits

* POINTS OF COMPARISON



Historic Condition Flow Rate Summary			
Basin/Concentration Point ID	Area (ac)	Q_{100} (cfs)	Q_{10} (cfs)
XON1	37.7	79	28
XON2	48.8	106	40
XON3	56.0	132	51
OFF1	158.9	303	115
OFF2	19.9	48	19
OFF3	104.5	197	75
OFF4	141.9	271	103
Referenced Basins			
[1]OFF5	164.4	248	94
[1]OFF6	25.5	62	24
[2]OFF7	3.7	9	4
[2]OFF8	135.8	241	93
[2]OFF9	72.8	151	58
[2]OFF10	416.1	490	191
Concentration Points			
CP1 Q = OFF1 + [2]OFF9 + [2]OFF10	1.0	727	293
CP2 Q = OFF3 + [2]OFF7 + [2]OFF8	0.4	438	169
CP3 Q = OFF4 + [1]OFF5 + [1]OFF6	0.5	517	203
CP10 Q = CP1 + XON1	1.1	780	311
CP11 Q = OFF2 + XON2	0.1	153	59
CP12 Q = CP2 + CP3 + XON3	1.0	1044	406

[1]Referenced from the "DB1" Study.
[2]Referenced from the "DB2" Study.

N

0 300 600
SCALE – 1"=300' FEET

LEGEND

- BASIN BOUNDARY
- ID — BASIN ID
- ID — CONCENTRATION POINT ID
- FLOW DIRECTION

SLATER HANIFAN GROUP
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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON PHASE 3A INFRASTUCTURE
HISTORIC CONDITION DRAINAGE MAP

DATE: SEPTEMBER 2017
DRAFTER: ETM
DESIGNER: ETM
CHECKED: LL
PROJECT NO.
OLY1609.000

EXHIBIT E
SHEET 1 OF 1

\\shgfs1\data\oly1609-000 skye canyon phase 3a 3b 3c\drainage\technical study\figures\oly1609 tds exhibit e historic condition drainage map.dwg 11/3/2017 12:02 PM Erick Mata

REFERENCED PIPE SIZES

LEGEND

- BASIN BOUNDARY
- PRORATE BOUNDARY
- 000 — PRORATE ID
- ID — BASIN ID
- ID — CONCENTRATION POINT ID
- FLOW DIRECTION
- ID — FACILITY ID
- EXISTING SD FACILITIES
- PROPOSED SD FACILITIES
- PROPOSED DITCHES
- ID — DITCH LABELS

Prorated Flow Summary

Basin ID	Q_{100} (cfs)	Area (acres)	100-yr Unit Flow (cfs/acre)
OFF1	280	141.00	2.0
OFF3	185	96.00	1.9
OFF4	80	39.00	2.1
2.05a	40	13.50	3.0
2.03	52	17.50	3.0
2.02	53	17.8	3.0

Subbasin ID	Q_{100} (cfs)	Area (acres)	100-yr Unit Flow (cfs/acre)
OFF1A	27	13.4	2.0
OFF1B	253	127.6	2.0
TOTAL	***280***	***141.0***	
OFF3A	1	0.7	1.9
OFF3B	173	90.0	1.9
OFF3C	10	5.3	1.9
TOTAL	***185***	***96.0***	
OFF4A	5	2.6	2.1
OFF4B	75	36.4	2.1
TOTAL	***80***	***39.0***	
2.05a-A	2	0.7	3.0
2.05a-B	5	1.7	3.0
2.05a-C	33	11.1	3.0
TOTAL	***40***	***13.5***	
2.03A	9	2.9	3.0
2.03B	31	10.5	3.0
2.03C	12	4.1	3.0
TOTAL	***52***	***17.5***	
2.02A	9	2.9	3.0
2.02B	3	1.1	3.0
2.02C	31	10.4	3.0
2.02D	10	3.4	3.0
TOTAL	***53***	***17.8***	

N

0 150 300

SCALE – 1"=150' FEET

Recommended Flood Control Facility Summary

Facility ID	Facility Description	$Q_{PROPOSED}$ (cfs)	$Q_{ULTIMATE}$ (cfs)	Notes
X1	Existing 66" RCP	11	32	
X2	Existing 60" RCP	319	359	
X3	Existing 8'x5' RCB	335	412	Ties into Facility P12
X4	Existing 54" RCP	98	28	
X5	(2) Existing 12.0' Type CM2 D.I.	N/A	52	26 cfs/ drop inlet with 24" laterals
X6	Existing 60" RCP	458	433	Proposed vs Design Flow
P1	Proposed 30" RCP	40	40	To collect basin 2.05a Flow
P2	Proposed 30" RCP	55	52	
P3	Proposed 18" RCP	N/A	3	Capped Stub for Future Park Flow
P4	Proposed 30" RCP	55	55	
P5	Proposed 5.0' Type CM2 D.I.	5	5	w/ 18" Lateral
P5a	Proposed 18" RCP	N/A	5	Capped Stub for Future Drop Inlet
P6	Proposed 36" RCP	60	65	
P7	Proposed 36" RCP	53	53	Assumes all Parcel 2.02 flow is conservatively collected at Facility P7
P8	Proposed 42" RCP	113	118	
P9	Proposed 18" RCP	10	10	Capped Stub for Future Parcel Flow
P10	Proposed 15.0' Type CM2 D.I.	11	11	w/ 24" Lateral
P10a	Proposed 18" RCP	N/A	11	Capped Stub for Future Drop Inlet
P11	Proposed 72" RCP	366	N/A	Interim Improved Inlet
P11a	Proposed 60" RCP	366	359	
P12	Proposed 8'x7' RCA	382	412	
P13	Proposed 30" RCP	40	29.5	
P14	Proposed 30" RCP	40	29.5	
P15	Proposed 72" RCP	422	N/A	
P16	Proposed 8'x7' RCA	N/A	445.5	Alignment is plugged and provded for future use only
P17	Proposed 8'x7' RCA	40	479	
P18	(2) Proposed 5.0' Type CM2 D.I.	4	4	2 cfs/ drop inlet with 18" laterals
P19	Proposed 8'x7' RCA	44	483	
P20	(2) Proposed 5.0' Type CM2 D.I.	4	4	2 cfs/ drop inlet with 18" laterals
P21	Proposed 6'x6' RCB	156	359	
P22	Proposed 10'x9' RCA	204	876	
P23	(2) Proposed 5.0' Type CM2 D.I.	6	6	3 cfs/ drop inlet with 18" laterals
P24	Proposed 10'x9' RCA	207	879	
P25	Proposed 42" RCP	45	69	
P26	Proposed 10'x9' RCA	255	932	
P27	Proposed 36" RCP	N/A	51	Capped Stub for Future Parcel Flow
P28	Proposed 10'x9' RCA	255	983	
P29	(2) Proposed 20.0' Type CM2 D.I.	17	17	8.5 cfs/ drop inlet with 18" laterals
P30	Proposed 5.0' Type CM2 D.I.	Nuisance	Nuisance	
P31	Proposed 76"x48" HERCP	364	398	
P32	Proposed 10'x9' RCA	521	1325	
P33	Proposed 42" RCP	70	N/A	To be abandoned in ultimate condition
P34	Proposed 15.0' Type CM2 D.I.	8	8	w/ 18" Lateral
P35	Proposed 42" RCP	78	8	
P36	Proposed 20.0' Type CM2 D.I.	17	17	w/ 24" Lateral
P37	Proposed 42" RCP	95	25	
P38	Proposed 18" RCP	3	3	
P39	Proposed 54" RCP	98	28	

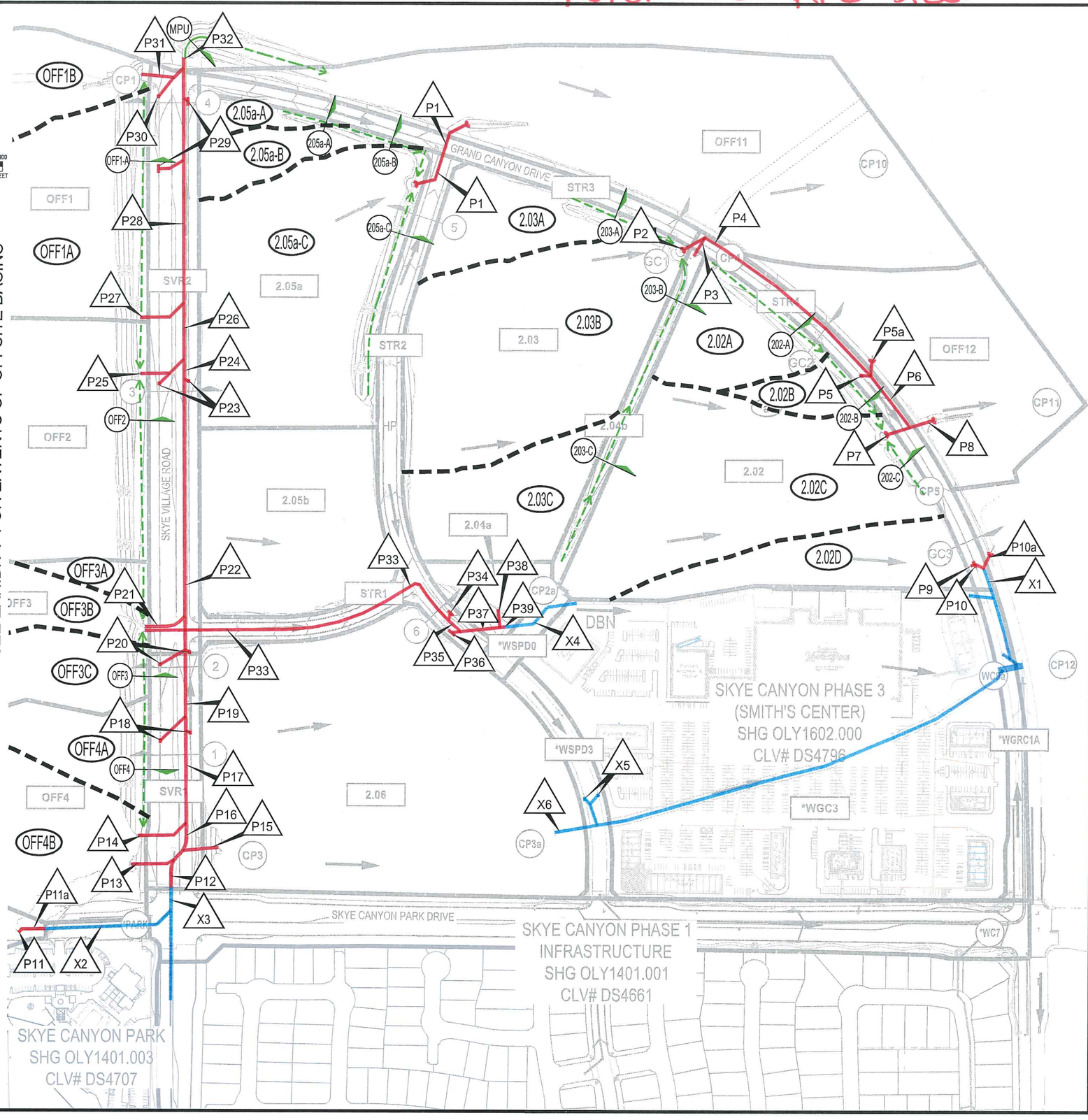
X - Depicts an Existing Facility

P - Depicts a Proposed Facility

Interim Ditch Section Summary

Section ID	Section Description	Q_{100} (cfs)	Slope (%)	Depth (ft)	Velocity (fps)
OFF1-A (Q = OFF1A)	Earthen Trapezoidal-Ditch w/ 3:1 Side Slopes and Min 1.5-ft Deep	27.0	1.10	0.82	4.43
OFF2 (Q = OFF2)	Earthen Trapezoidal-Ditch w/ 3:1 Side Slopes and Min 1.5-ft Deep	45.0	0.90	1.13	4.77
OFF3 (Q = OFF3C)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 1.5-ft Deep	10.0	1.70	0.88	4.32
OFF4 (Q = OFF4A)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 1.5-ft Deep	5.0	0.50	0.85	2.30
205a-A (Q = 2.05a-A)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 1-ft Deep	2.0	5.00	0.39	4.33
205a-B (Q = 2.05a-B)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 1-ft Deep	7.0	2.70	0.70	4.71
205a-C (Q = 2.05a-C)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 2-ft Deep	33.0	1.00	1.52	4.77
203-A (Q = 2.03A)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 1-ft Deep	9.0	1.50	0.86	4.02
203-B (Q = 2.03B)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 2-ft Deep	43.0	0.50	1.91	3.93
203-C (Q = 2.03C)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 1.5-ft Deep	12.0	1.50	0.96	4.32
202-A (Q = 2.02A)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 1-ft Deep	9.0	2.50	0.79	4.87
202-B (Q = 2.02B)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 1-ft Deep	12.0	2.00	0.91	4.81
202-C (Q = 2.02C)	Earthen V-Ditch w/ 3:1 Side Slopes and Min 2-ft Deep	31.0	0.50	1.69	3.62
MPU (Riprap) (Q = CP1)	Trapezoidal Ditch; 3:1 SS, 18-ft Base and Min 4-ft Deep w/ 8" Riprap	521.0	0.50	3.50	5.21
MPU (Earthen) (Q = CP1)	Earthen Trapezoidal Ditch; 3:1 SS, 45-ft Base and Min 3-ft Deep	521.0	0.25	2.04	5.00

SEE EXHIBIT F FOR EXTENTS OF OFFSITE BASINS



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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON PHASE 3A INFRASTUCTURE FACILITIES MAP

DATE: OCTOBER 2017
DRAFTER: ETM
DESIGNER: ETM
CHECKED: LL
PROJECT NO. OLY1609.000

EXHIBIT I
SHEET 1 OF 1

\\vaghan\Vdata\olv\1609--000 skye canyon phase 3b 3a\drdnage\technical study\figures\olv1609 fds exhibit i facilities map.dwg 11/3/2017 12:11 PM Erick Mota

* POINTS OF COMPARISON

LEGEND

- BASIN BOUNDARY
- PRORATE BOUNDARY
- ID — BASIN ID
- (ID) — PRORATE BASIN ID
- (ID) — CONCENTRATION POINT ID
- FLOW DIRECTION
- (ID) — FLOWMASTER SECTION

N

SCALE — 1"=150' — 0 150 300 FEET

SEE EXHIBIT F FOR EXTENTS OF OFFSITE BASINS

Proposed Condition Flow Rate Summary

Basin/Concentration Point ID	Area (ac)	Q_{100} (cfs)	Q_{10} (cfs)
Basins			
2.02	17.8	53	26
2.03	17.5	52	26
2.04a	1.4	3	1
2.04b	1.3	3	1
2.05a	13.5	40	19
2.05b	7.4	21	10
2.06	19.9	61	30
STR1	2.6	10	5
STR2	1.6	6	3
STR3	2.2	8	4
STR4	1.9	6	3
SVR1	2.7	10	5
SVR2	6.4	20	10
OFF1	141.0	280	108
OFF2	18.6	45	18
OFF3	96.0	185	71
OFF4	39.0	80	31
OFF5	88.8	179	69
OFF11	18.7	38	15
OFF12	8.2	21	8
Referenced Basins			
[3]WSPD0	0.6	2	1
[3]WSPD3	1.4	5	2
[3]WGRC1A	1.4	4	2
[3]WGC3	28.4	89	42
[4]WPF4	5.7	19	9
[4]WSHA4	1.4	6	3

[3]Referenced from the "Smith's" Study.
[4]Referenced from the "Master Drainage Study Update No.4".

Proposed Condition Flow Rate Summary

Concentration Points Basin/Concentration Point ID	Area (mi^2)	Q_{100} (cfs)	Q_{10} (cfs)
CP1 Q = [1]RDB2 + OFF1 + OFF2 + OFF3 - DIV2 + OFF4 - DIV1 + SVR1 + SVR2	1.5	521	240
CP2a Q = 2.05b + STR1 + 2.04a + DIV2	<0.1	95	36
CP3 Q = CP8 + [5]PARK + DIV1	1.1	422	211
CP3a Q = CP3 + 2.06	1.2	458	226
CP4 Q = STR2 + STR3 + 2.03 + 2.04b	<0.1	68	33
CP5 Q = CP4 + 2.02 + STR4	<0.1	127	62
CP6 Q = [1]RDB1 + [4]WC20 + [4]WPF4 + [4]WSHA4	0.9	156	100
CP7 Q = CP6 + [4]L4A + [4]CN1D	1.0	208	122
CP8 Q = CP7 + CFF5	1.1	366	189
DBN Q = OUTFLOW	<0.1	87	34
WC9a Q = CF8a + DBN + [3]WSPD3 + [3]WGC3 + [3]WSPD0	1.2	588	285
CP10 Q = CP1 + 2.05A + OFF11	1.5	588	271
CP11 Q = OFF12 + CP5	<0.1	148	70
CP12 Q = WC9a + [4]WC7 + [3]WGRC1A	1.3	697	330
Referenced Concentration Points			
[1]RDB1	0.9	71	57
[2]RDB2	1.0	85	64
[4]WC20	0.1	86	40
[5]PARK	<0.1	36	13
[4]WC7	0.1	121	51

[1]Referenced from the "DB1" Study.
[2]Referenced from the "DB2" Study.
[3]Referenced from the "Smith's" Study.
[4]Referenced from the "Master Drainage Study Update No.4".
[5]Referenced from the "Park" Study.
[6]Referenced from the "Parcel 2.16" Study.

Prorated Flow Summary

Basin ID	Q_{100} (cfs)	Area (acres)	100-yr Unit Flow (cfs/acre)
2.02	53	17.84	3.0
Subbasin ID	**Q_{100} (cfs)**	**Area (acres)**	**100-yr Unit Flow (cfs/acre)**
2.02a	43	14.39	3.0
2.02b	10	3.45	3.0
TOTAL	*53*	*17.84*	

Proposed Condition 100-Year Street Flow Summary

Section ID	Q_{100} (cfs)	Slope (%)	Depth (ft)	Velocity (fps)	DxV
1 (Q = 1/2 (SVR1))	5	0.58	0.35	1.96	0.7
2 (Q = 1/2 (SVR1) + Facility P18 Bypass)	7	0.58	0.38	2.14	0.8
3 (Q = 1/2 (SVR2) + Facility P20 Bypass)	13	0.58	0.46	2.38	1.1
4 (Q = 1/2 (SVR2) + Facility P23 Bypass)	17	0.58	0.51	2.43	1.2
5 (Q = STR2)	5	3.24	0.3	4.01	1.2
		1.56	0.33	2.94	1.0
6 (Q = 2.05b + STR1-Half Street Capacity)	9	2.3	0.42	4.44	1.9
*5 (Half Street Capacity)	22	2.3	0.56	4.78	2.7
*GC1 (Q = STR2 + STR3)	14	2.73	0.46	5.15	2.4
*GC2 (Q = STR2 + STR3 + 1/3 (STR4))	16	1.48	0.53	4.03	2.1
*GC3 (Q = Facility P5 Bypass + 2/3 (STR4))	15	1.48	0.52	4.0	2.1

Proposed Condition 10-Year Street Flow Summary

Section ID	Q_{10} (cfs)	Slope (%)	Depth (ft)	Velocity (fps)	DxV	Dry Lane (ft)
10YR (Q = SVR1 +SVR2)	15	0.58	0.48	2.4	1.2	21.5

Conservative Flow Utilized to represent the Entire Skye Village Road Alignment.

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON PHASE 3A INFRASTRUCTURE

PROPOSED CONDITION DRAINAGE MAP

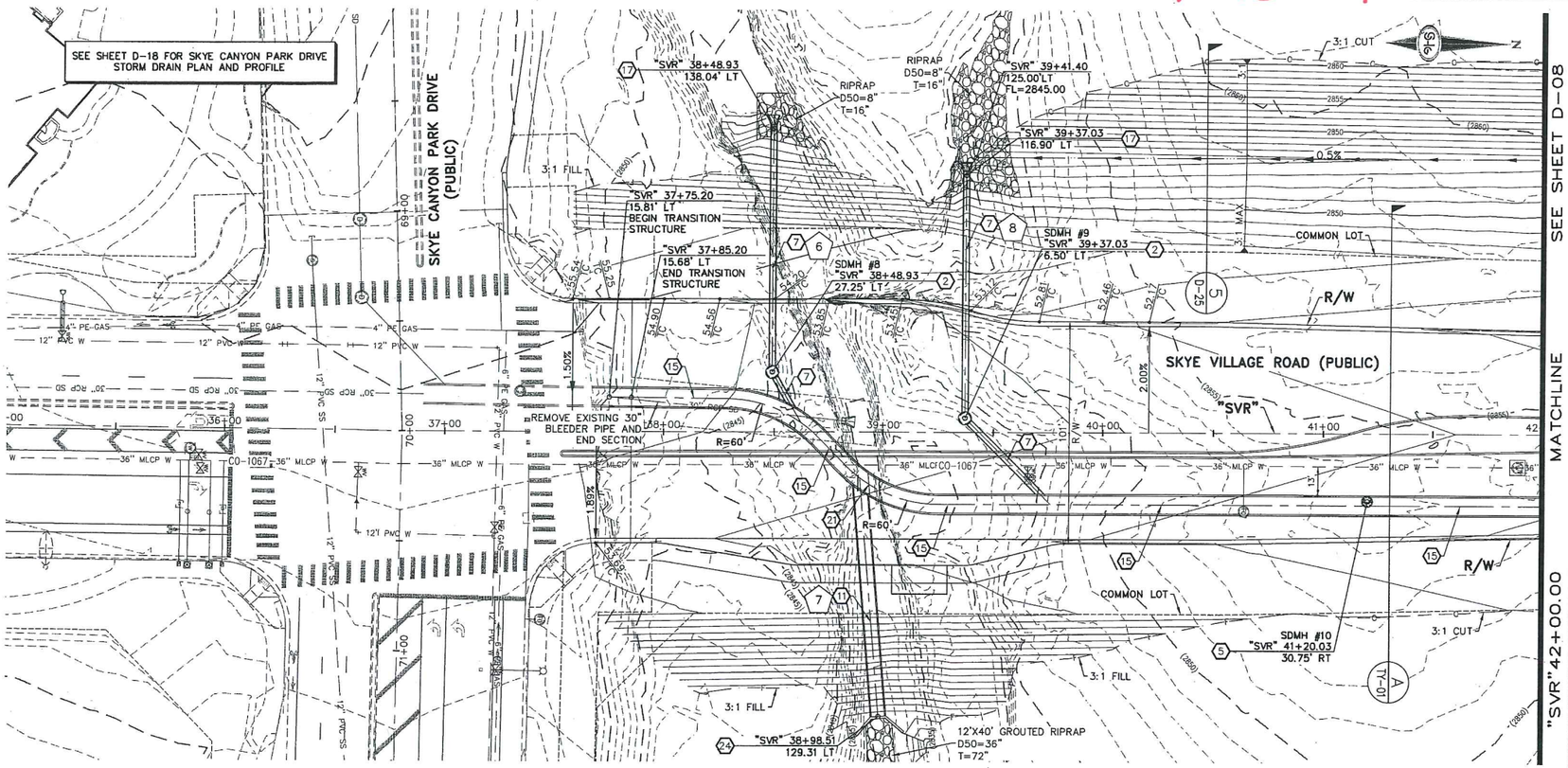
DATE: OCTOBER 2017
DRAFTER: ETM
DESIGNER: ETM
CHECKED: LL
PROJECT NO. OLY1609.000

EXHIBIT G
SHEET 1 OF 1

\\Cmfsf1\Vista\Oly\1609-000 skye canyon phase 3a_3c_5c\Drainage\Technical study\figures\oly1609 tds exhibit g proposed condition drainage map.dwg 11/1/2017 11:31 AM Erick Mata

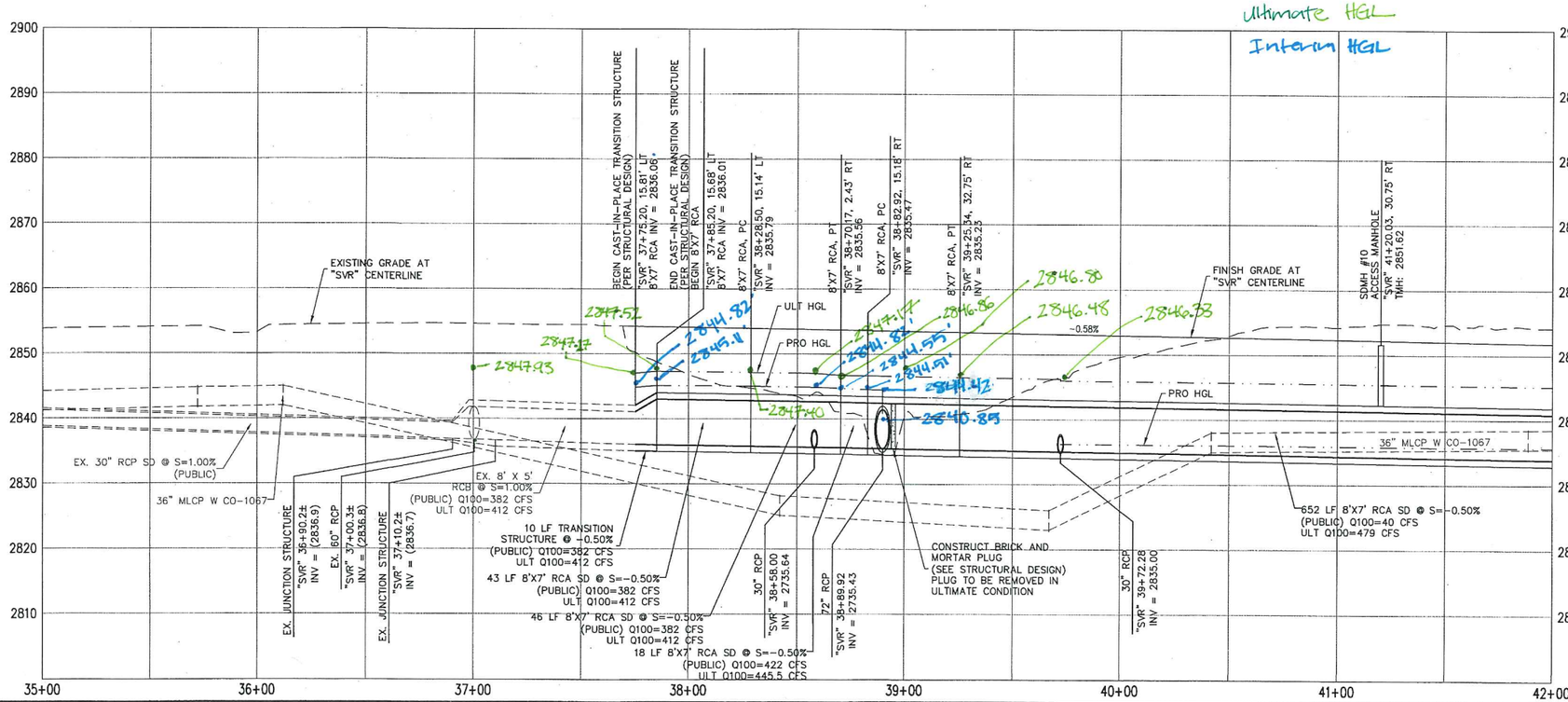
Pertinent Plan and Profile Sheets

*REVISED FLOWS & HGL'S PER PHASE 3B, 3C STUDY



Ultimate HGL

Interim HGL



STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1 & 421)
2. CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
3. CONSTRUCT 60" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
4. CONSTRUCT NDOT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
5. CONSTRUCT RCA ACCESS MANHOLE PER STRUCTURAL DETAIL
6. INSTALL 18" RCP OR WATER QUALITY C905 AS SHOWN ON PROFILES (USDCCA STD. DWG. NO. 503.2)
7. INSTALL 30" RCP OR WATER QUALITY C905 AS SHOWN ON PROFILES (USDCCA STD. DWG. NO. 503.2)
8. INSTALL 36" RCP OR WATER QUALITY C905 AS SHOWN ON PROFILES (USDCCA STD. DWG. NO. 503.2)
9. INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)
10. INSTALL 60" RCP (USDCCA STD. DWG. NO. 503.2)
11. INSTALL 72" RCP (USDCCA STD. DWG. NO. 503.2)
12. INSTALL 76" X 48" HERCP (USDCCA STD. DWG. NO. 503.2)
13. CONSTRUCT 6' X 6' RCB (NDOT STD. PLAN B-20.1.2)
14. CONSTRUCT 8' X 5' RCB (NDOT STD. PLAN B-20.1.2)
15. CONSTRUCT 8' X 7' RCA (PER XXXX)
16. CONSTRUCT 10' X 9' RCA (PER XXXX)
17. INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
18. INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
19. INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
20. CONSTRUCT BRICK AND MORTAR PLUG (SEE DETAIL 3, DRAWNG D-25)
21. CONSTRUCT INTERIM BRICK AND MORTAR PLUG PER STRUCTURAL DETAIL
22. INSTALL 54" RCP (USDCCA STD. DWG. NO. 503.2)
23. CONSTRUCT NDOT TYPE II HEADWALL (NDOT STD. PLAN B-20.1.6 & B-20.1.6.1)
24. CONSTRUCT CULVERT HEADWALL (NDOT STD. PLAN R-2.5.2 & R-2.5.2.1)
25. CONSTRUCT CONCRETE COLLAR (SEE DETAIL 1, DRAWNG D-25)
26. INSTALL 24" RCP (USDCCA STD. DWG. NO. 503.2)
27. INSTALL 18" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
28. CONSTRUCT DROP INLET PER STRUCTURAL DETAIL
29. CONSTRUCT 48" TYPE II MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)

NOTES

1. ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCB/RCA.
3. ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDCCA STD. DWG. NO. 421.
4. SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
5. ALL PIPES ARE PUBLICLY MAINTAINED.
6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.

DROP INLET NOTE

WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE:

CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS. BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND

(1) STORM DRAIN LATERAL # (SEE SHEETS D-19 THRU D-24)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-XXXX ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

JERRY SLATER, P.E. 14167 — DATE

FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE "X" (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL:32003C1735E, DATED SEPTEMBER 27, 2002

NOTE:

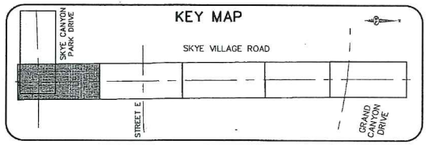
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER — DATE

PROJECT NO. XXXXXX

KEY MAP



SCALE 30 0 30 60 FEET

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SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

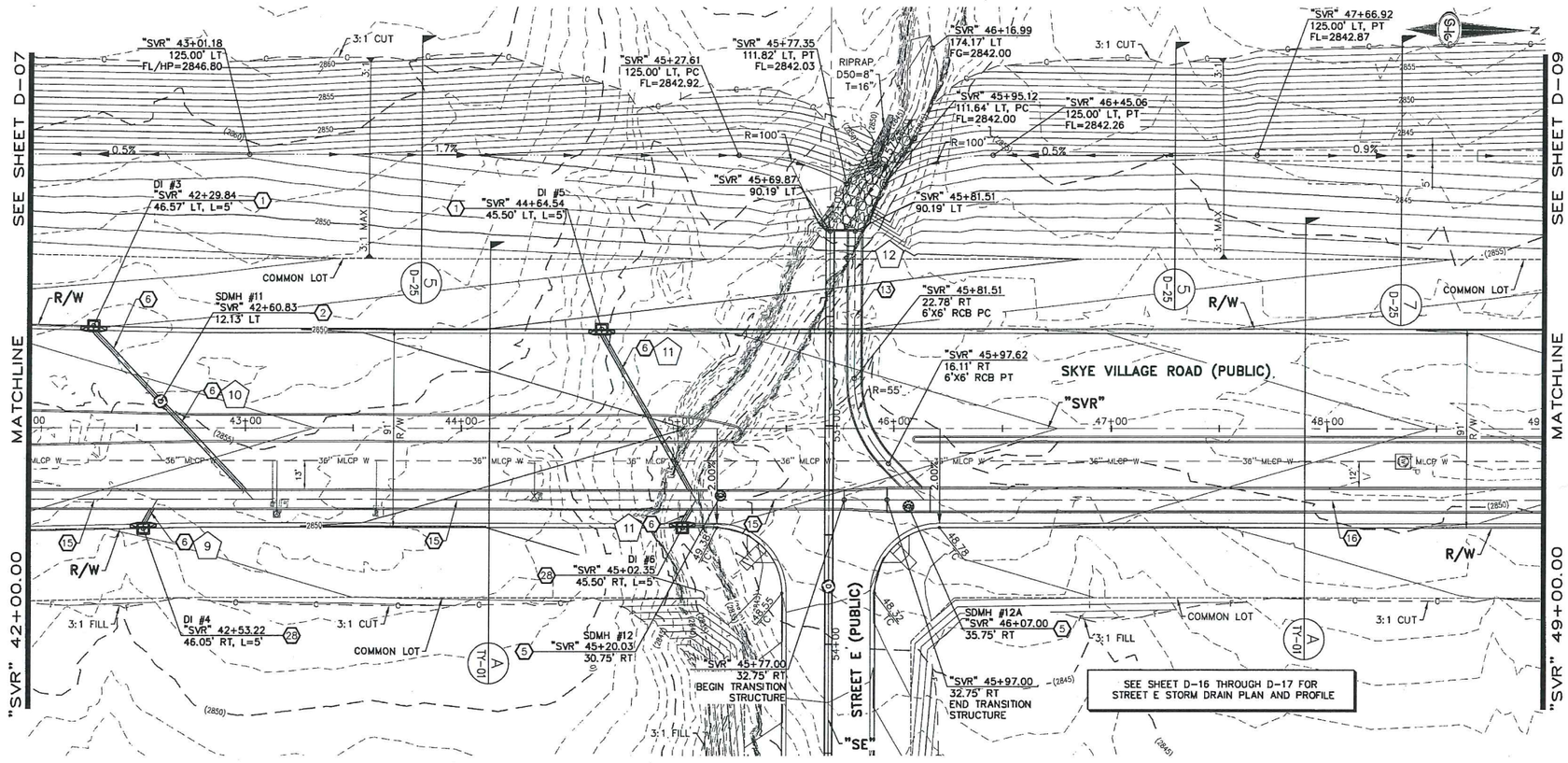
NINETY-FIVE MANAGEMENT LLC

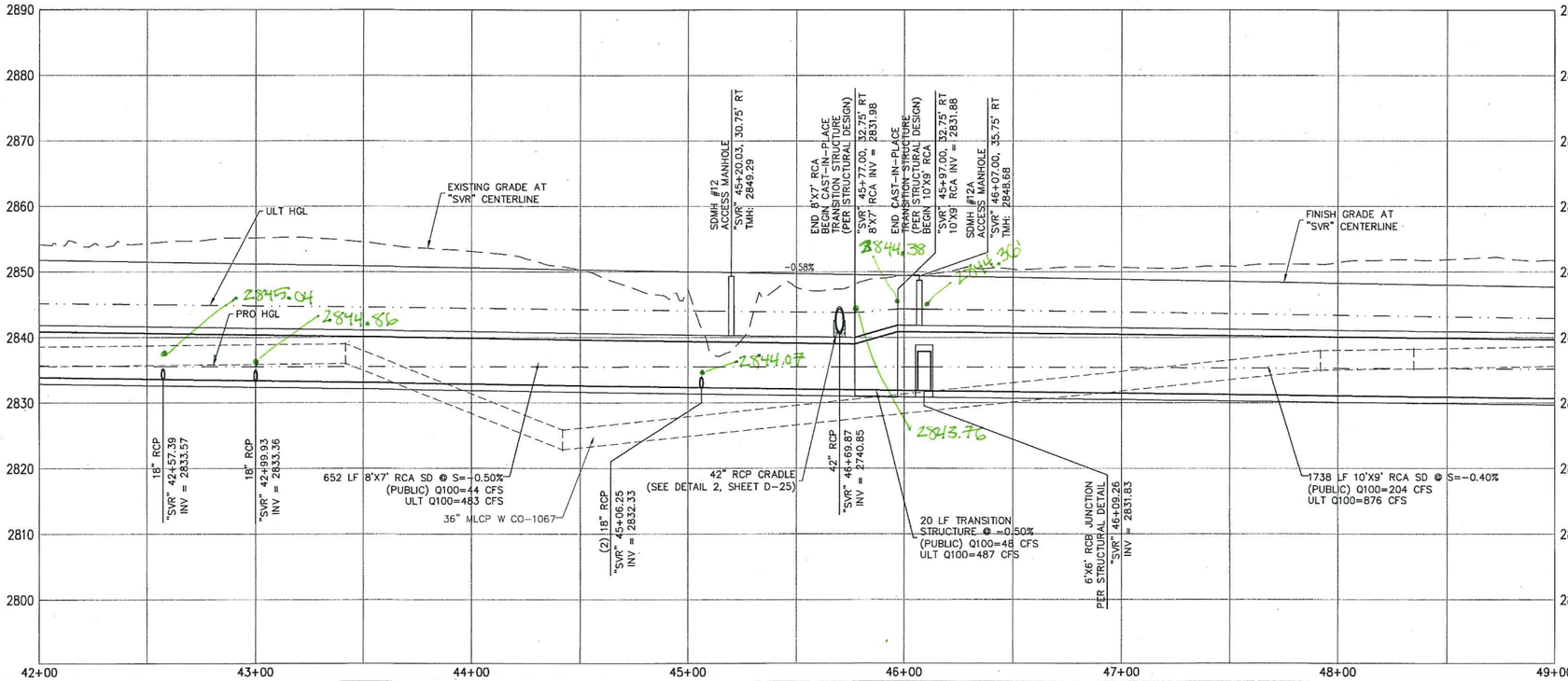
SKYE CANYON PHASE 3A
SKYE VILLAGE ROAD
STORM DRAIN PLAN AND PROFILE - "SVR" 35+00.00 TO "SVR" 42+00.00

DATE: 10/26/17
DRAFTER: AM
DESIGNER: DAM
CHECKED: JSR
PROJECT NO. OLY1609-000

PROFESSIONAL ENGINEER STATE OF NEVADA JERRY SLATER No. 14167 CIVIL 06/30/2018

D-07
SHEET 11 OF 30





STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1 & 421)
2. CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
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DROP INLET NOTE

WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE:

CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS. BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND

(1) STORM DRAIN LATERAL # (SEE SHEETS D-19 THRU D-24)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-XXXX ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

JERRY SLATER, P.E. 14167 DATE

FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE "X" (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL: 32003C1735E, DATED SEPTEMBER 27, 2002

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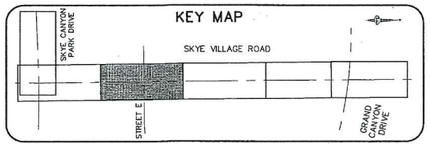
APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER DATE

PROJECT NO. XXXXXX

KEY MAP



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SCALE FEET

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT LLC

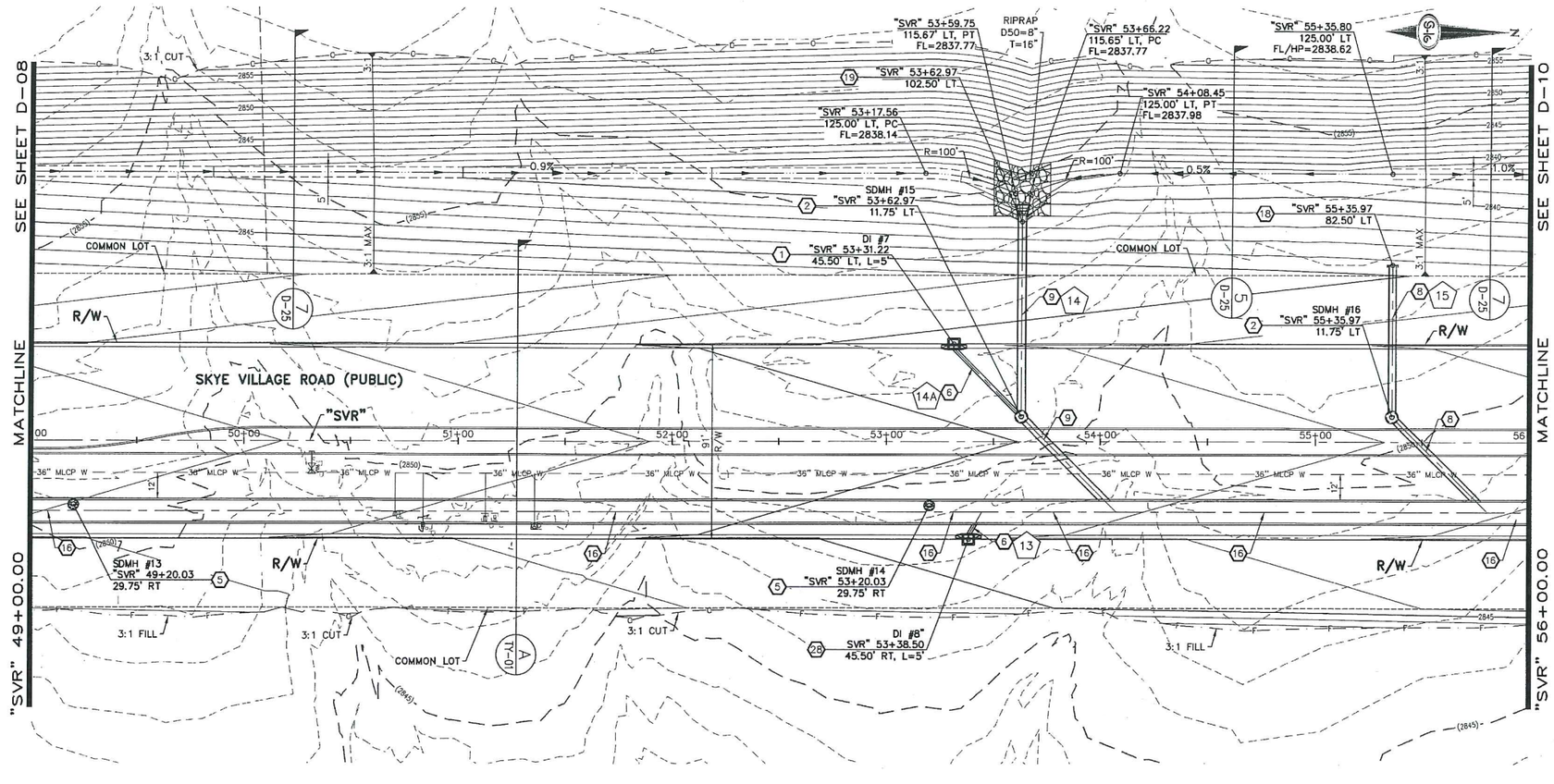
SKYE CANYON PHASE 3A
SKYE VILLAGE ROAD
STORM DRAIN PLAN AND PROFILE - "SVR" 42+00.00 TO "SVR" 49+00.00

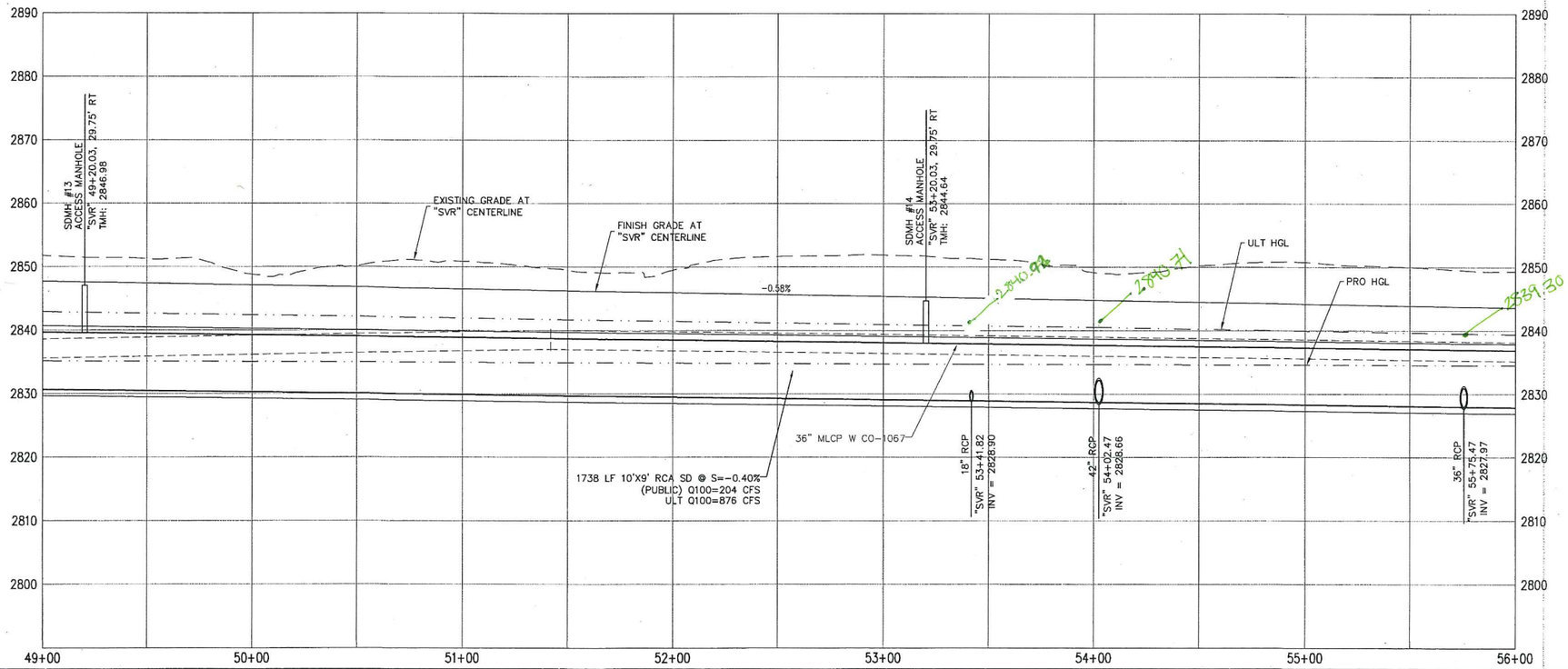
DATE: 10/26/17
DRAFTER: AM
DESIGNER: DAM
CHECKED: JSR
PROJECT NO.
OLY1609-000

PROFESSIONAL ENGINEER - STATE OF NEVADA - JERRY SLATER - Exp. 06/30/2018 - CIVIL - No. 14167

1-2-17

D-08
SHEET 12 OF 30





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LEGEND

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JERRY SLATER, P.E. 14167 — DATE

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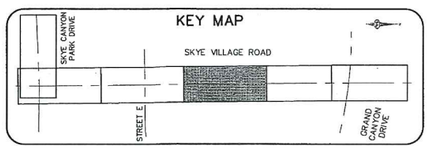
APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER — DATE

PROJECT NO. XXXXXX

KEY MAP



30 0 30 60
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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

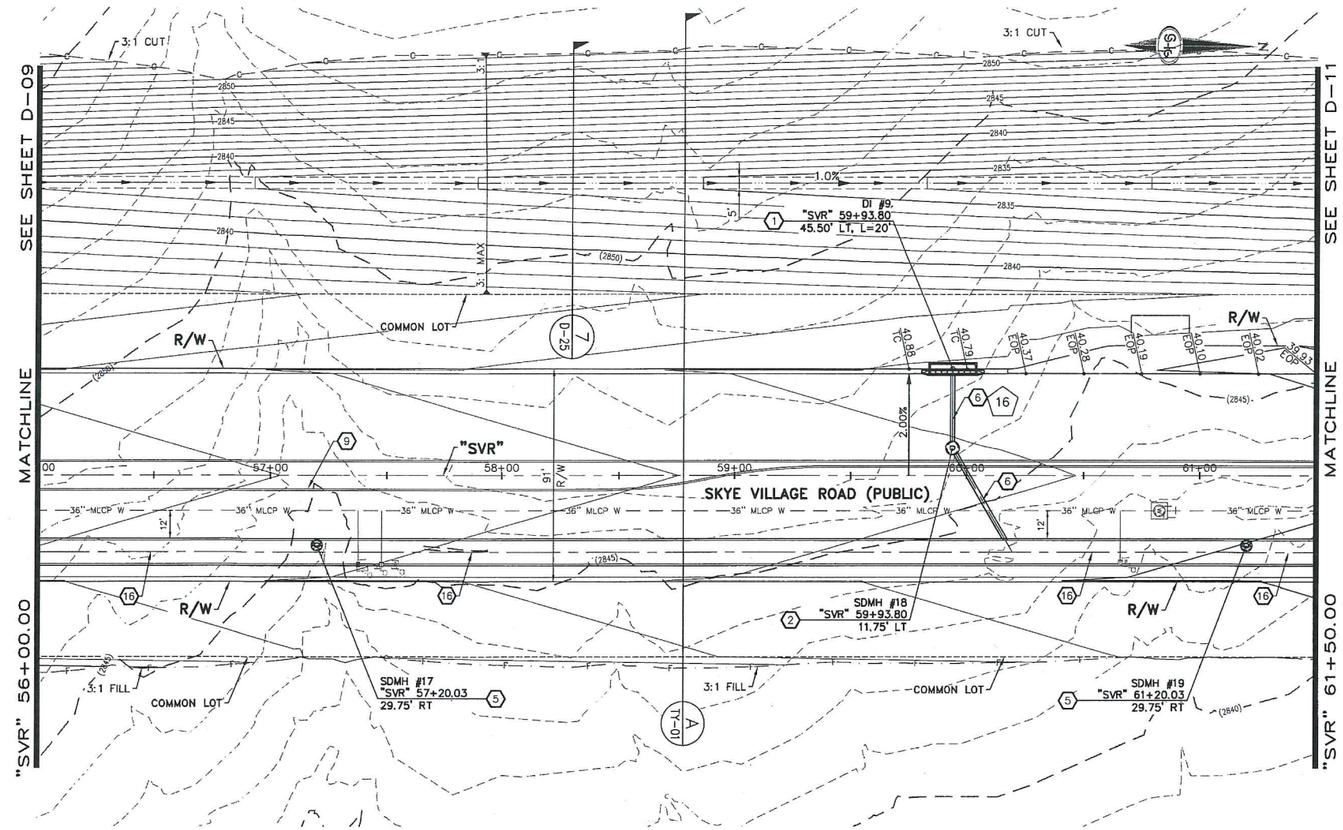
NINETY-FIVE MANAGEMENT LLC

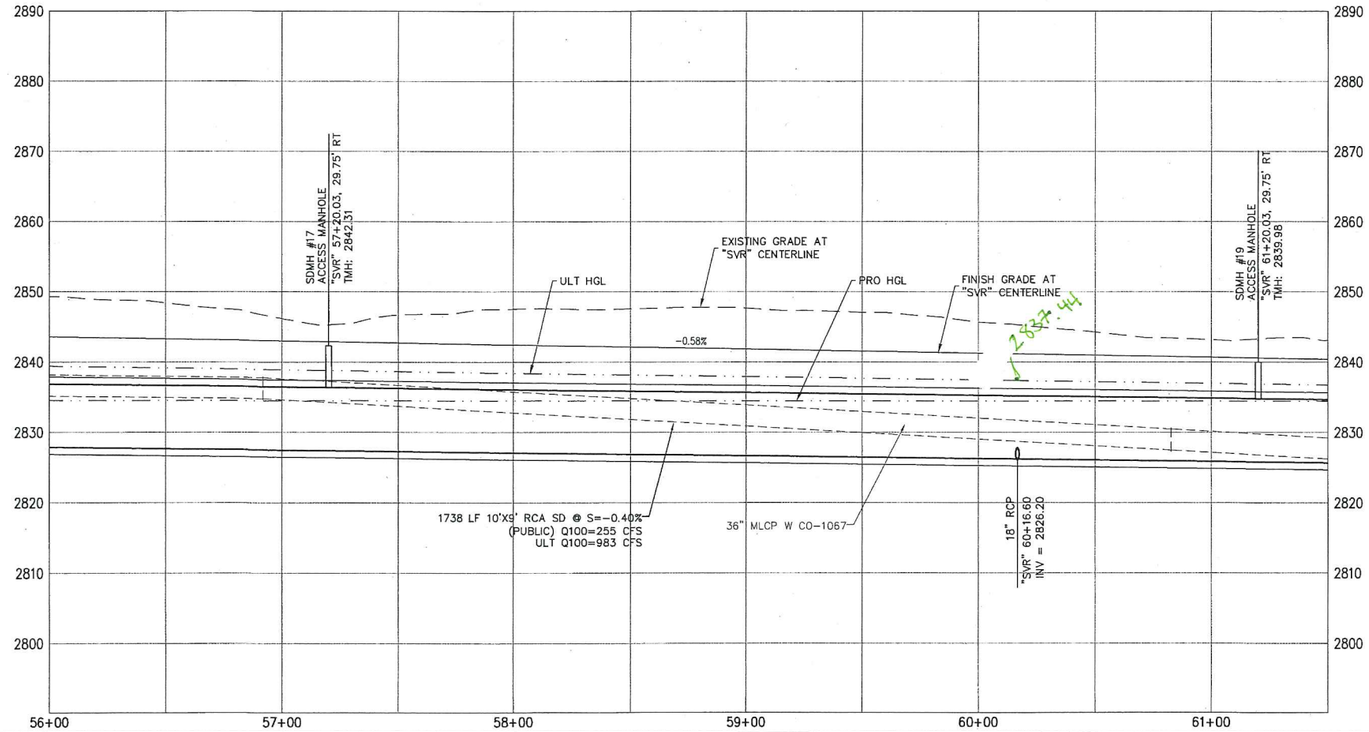
SKYE CANYON PHASE 3A
SKYE VILLAGE ROAD
STORM DRAIN PLAN AND PROFILE - "SVR" 49+00.00 TO "SVR" 56+00.00

DATE: 10/26/17
DRAFTER: AM
DESIGNER: DAM
CHECKED: JSR
PROJECT NO.
OLY1609-000

PROFESSIONAL ENGINEER STATE OF NEVADA JERRY SLATER No. 14167 CIVIL exp. 06/30/2018
11-6-17

D-09
SHEET 13 OF 30





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JERRY SLATER, P.E. 14167 — DATE

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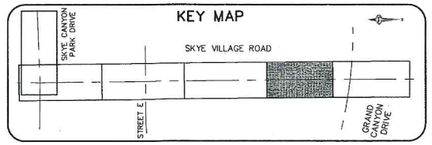
APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER — DATE

PROJECT NO. XXXXXX

KEY MAP



SCALE: 30 0 30 60 FEET

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

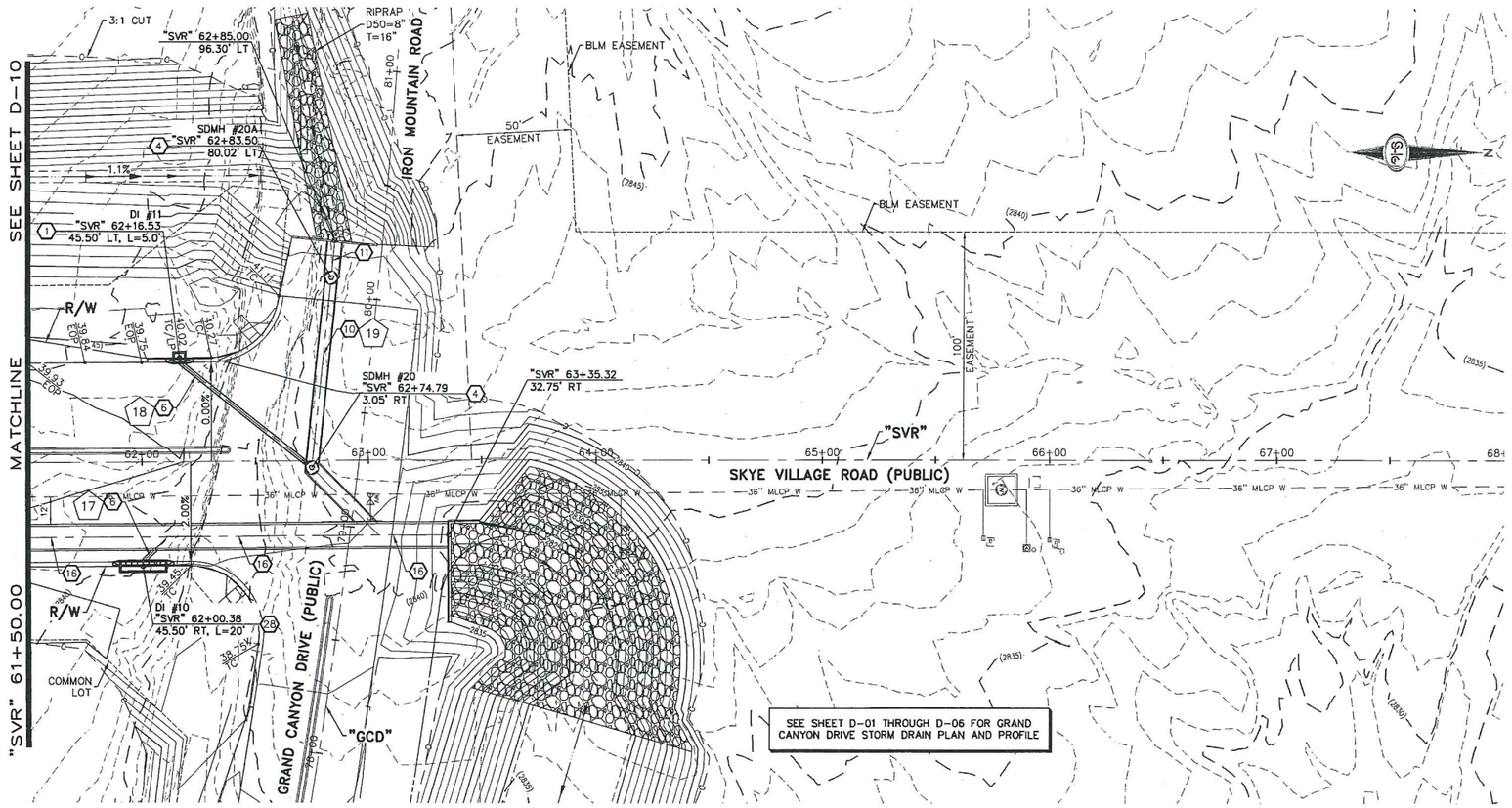
NINETY-FIVE MANAGEMENT LLC

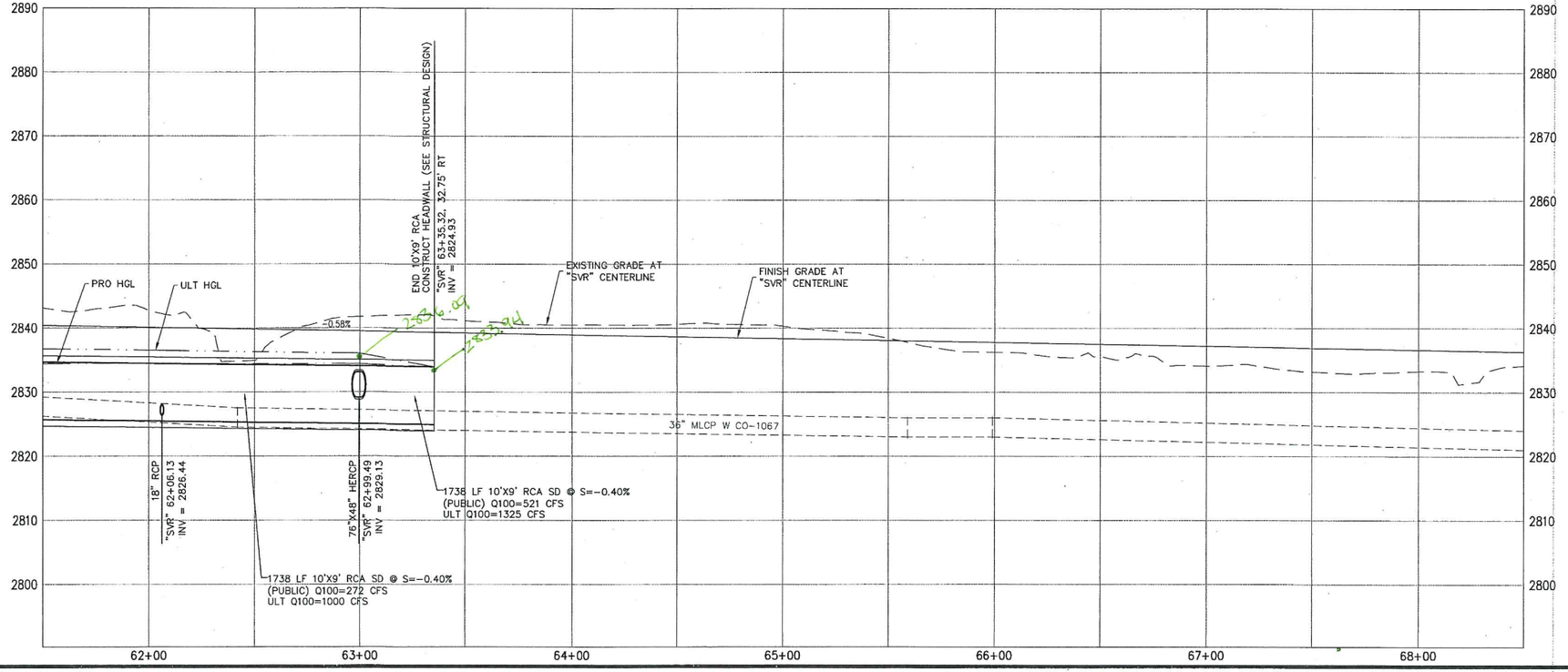
SKYE CANYON PHASE 3A
SKYE VILLAGE ROAD
STORM DRAIN PLAN AND PROFILE - "SVR" 56+00.00 TO "SVR" 61+50.00

DATE: 10/26/17
DRAFTER: AM
DESIGNER: DAM
CHECKED: JSR
PROJECT NO. OLY1609-000

PROFESSIONAL ENGINEER - STATE OF NEVADA - JERRY J. SLATER - Exp. 06/30/2018 - CIVIL - No. 14167 - 12-27

D-10
SHEET 14 OF 30





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DROP INLET NOTE

WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE:

CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS. BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND

(1) STORM DRAIN LATERAL # (SEE SHEETS D-19 THRU D-24)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-XXXX ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

JERRY SLATER, P.E. 14167 DATE

FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE 'X' (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL: 32003C1735E, DATED SEPTEMBER 27, 2002

NOTE:

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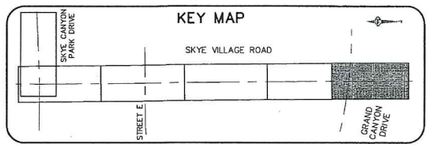
APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER DATE

PROJECT NO. XXXXXX



30 0 30 60
SCALE FEET

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY
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FAST
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CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON PHASE 3A
SKYE VILLAGE ROAD
STORM DRAIN PLAN AND PROFILE - "SVR" 61+50.00 TO "SVR" 68+00.00

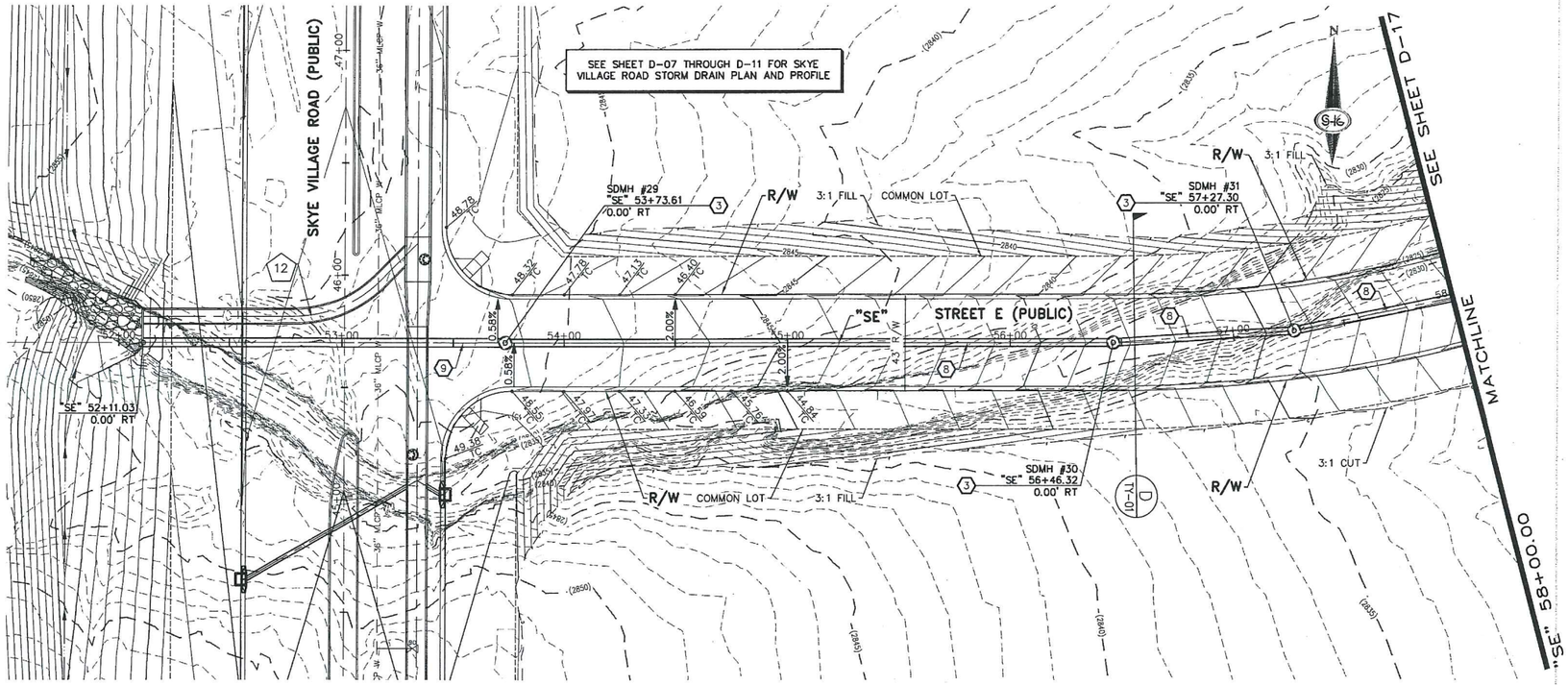
DATE: 10/26/17
DRAFTER: AM
DESIGNER: DAM
CHECKED: JSR

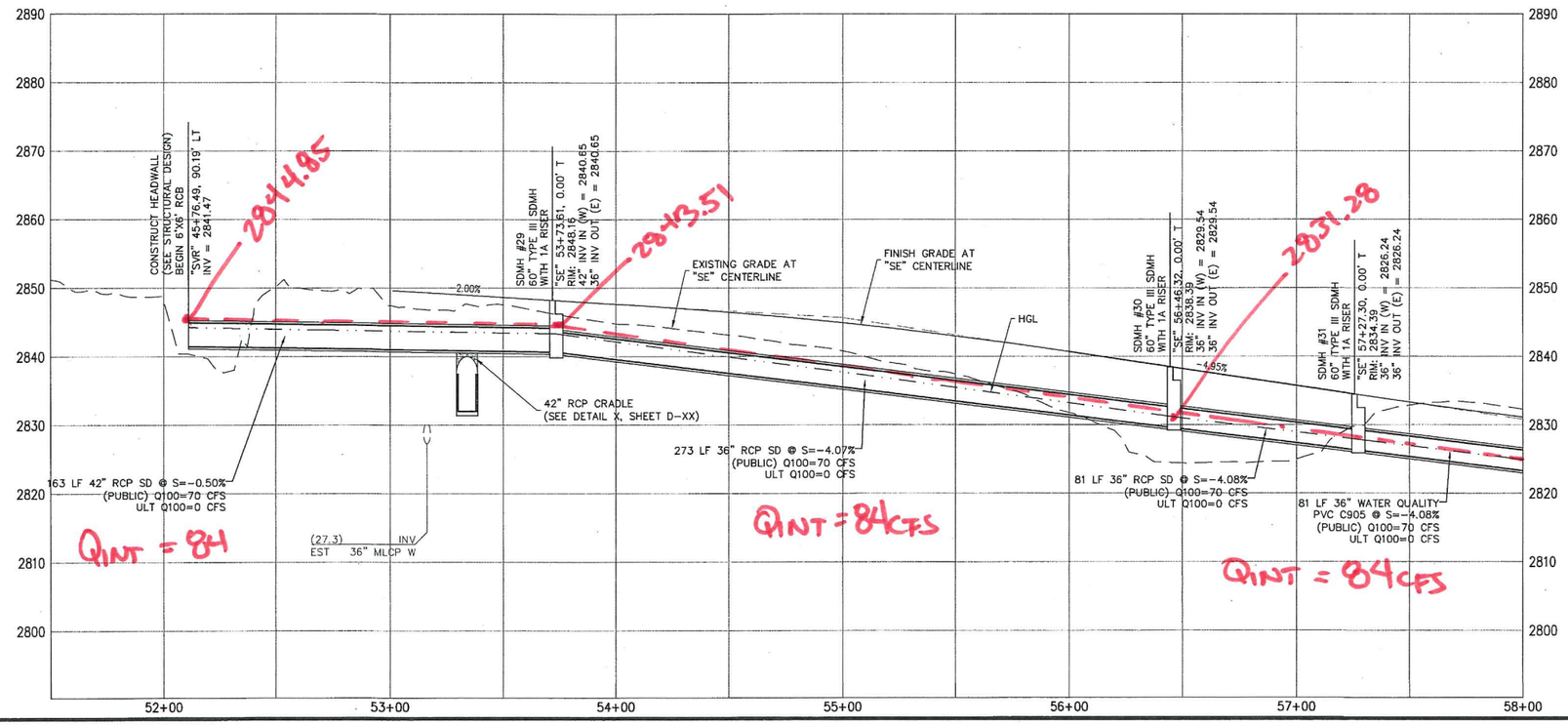
PROJECT NO.
OLY1609-000

PROFESSIONAL ENGINEER - STATE OF NEVADA
JERRY A. SLATER
Exp. 06/30/2018
CIVIL
No. 14167

D-11
SHEET 15 OF 30

* REVISED FLOWS & HGL'S PER PHASE 3B, 3C STUDY





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LEGEND

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JERRY SLATER, P.E. 14167 — DATE

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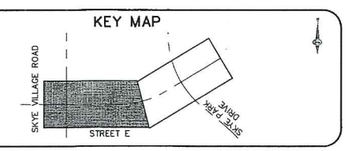
APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER — DATE

PROJECT NO. XXXXXX

KEY MAP



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SCALE FEET

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

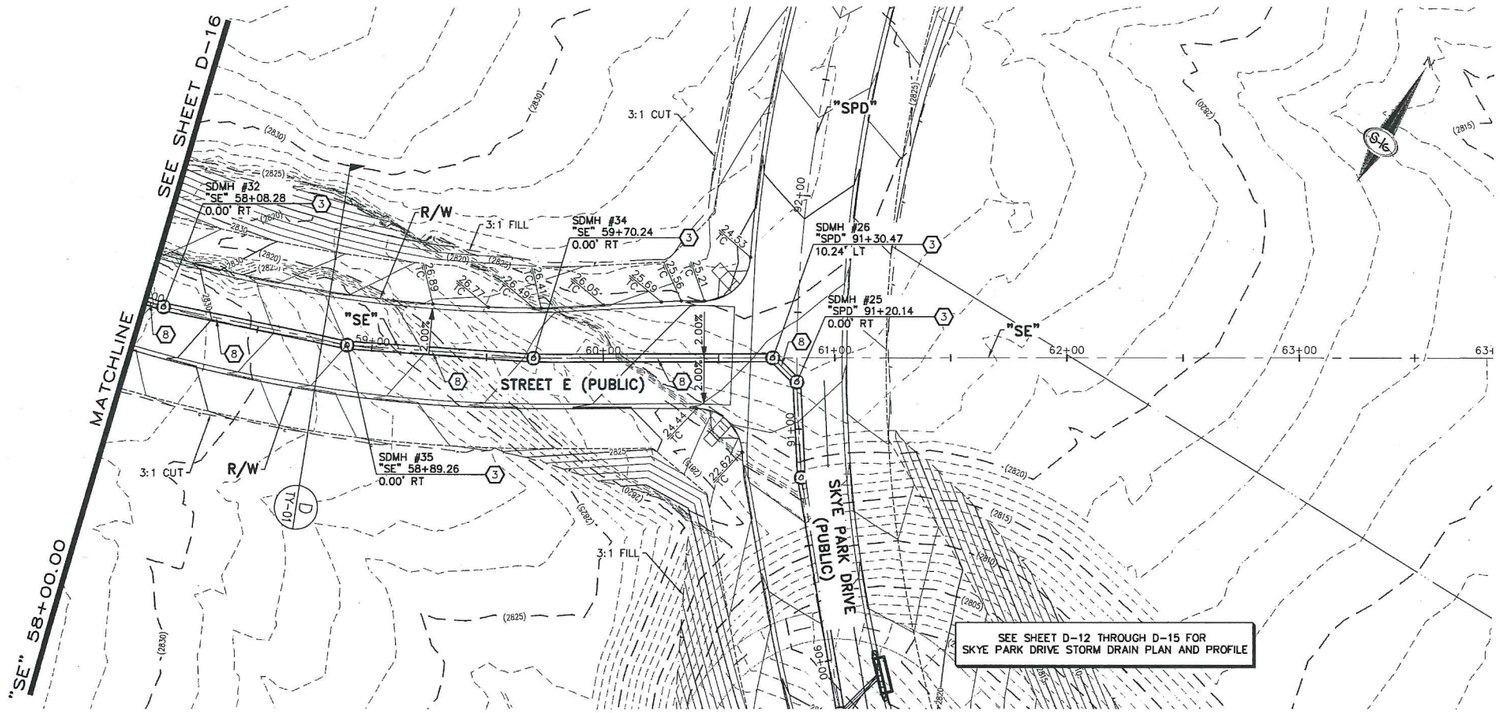
NINETY-FIVE MANAGEMENT LLC

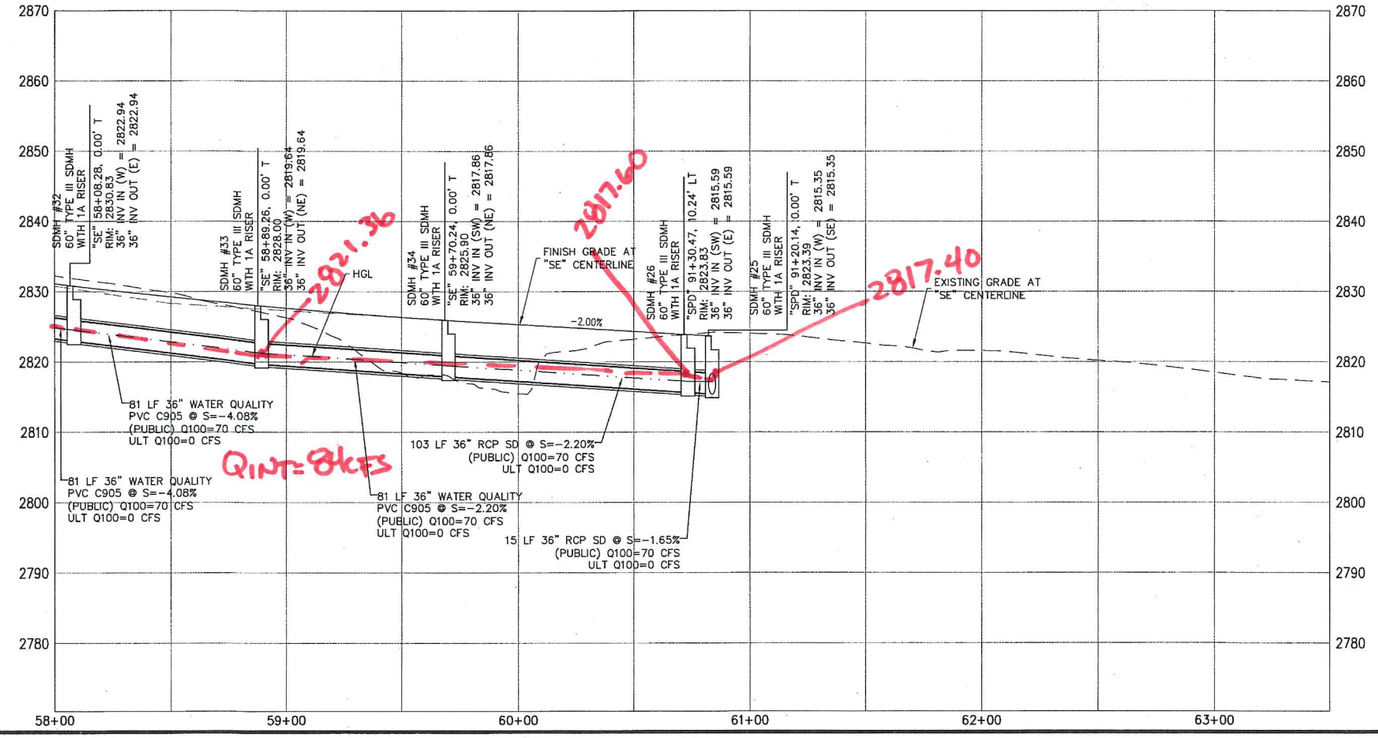
SKYE CANYON PHASE 3A
STREET E
STORM DRAIN PLAN AND PROFILE - "SE" 51+50.00 TO "SE" 58+00.00

DATE: 10/26/17
DRAFTER: AM
DESIGNER: DAM
CHECKED: JSR
PROJECT NO. OLY1609-000

PROFESSIONAL ENGINEER STATE OF NEVADA JERRY SLATER No. 14167 EXP. 05/30/2018 CIVIL 7/26/17

D-16
SHEET 20 OF 30





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JERRY SLATER, P.E. 14167 DATE

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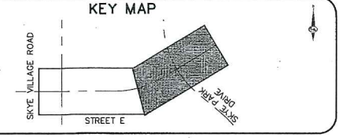
APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER DATE

PROJECT NO. XXXXXX

KEY MAP



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PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

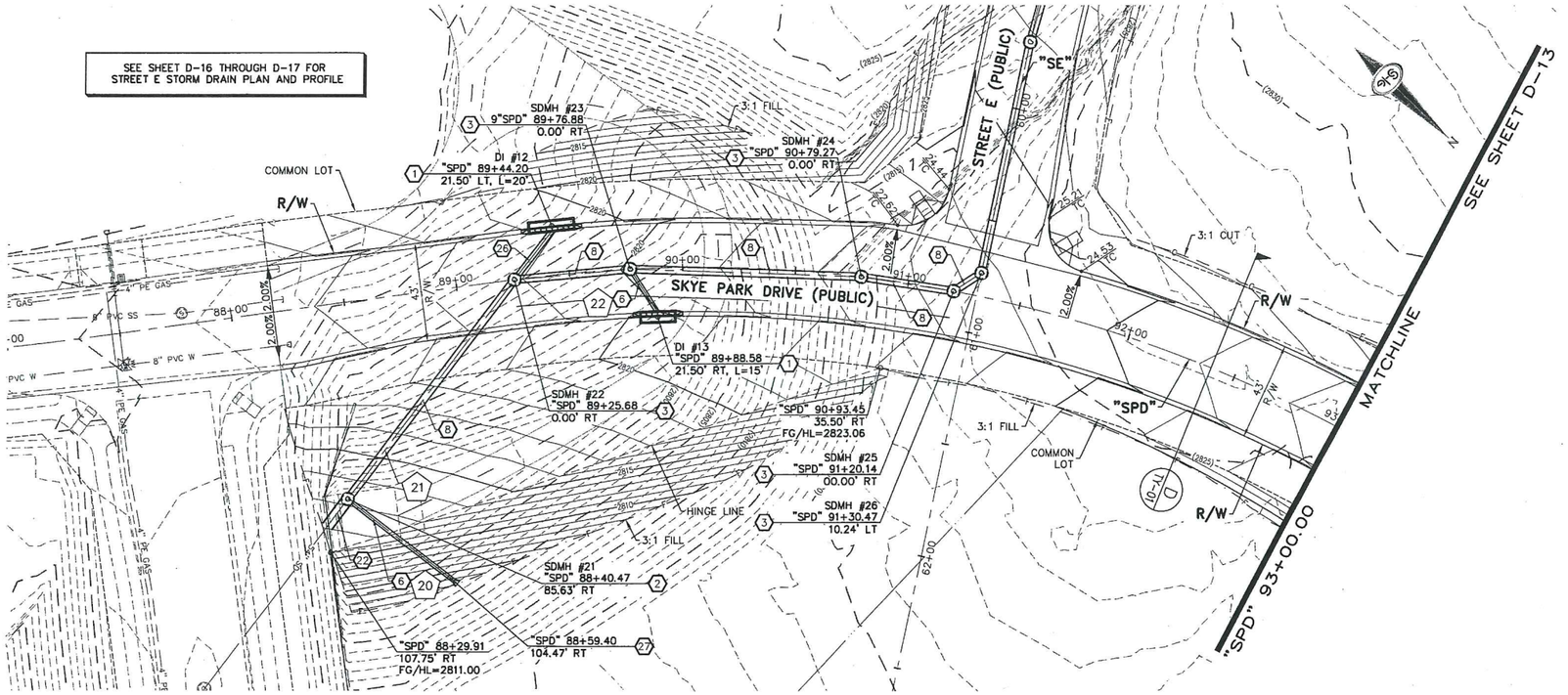
NINETY-FIVE MANAGEMENT LLC

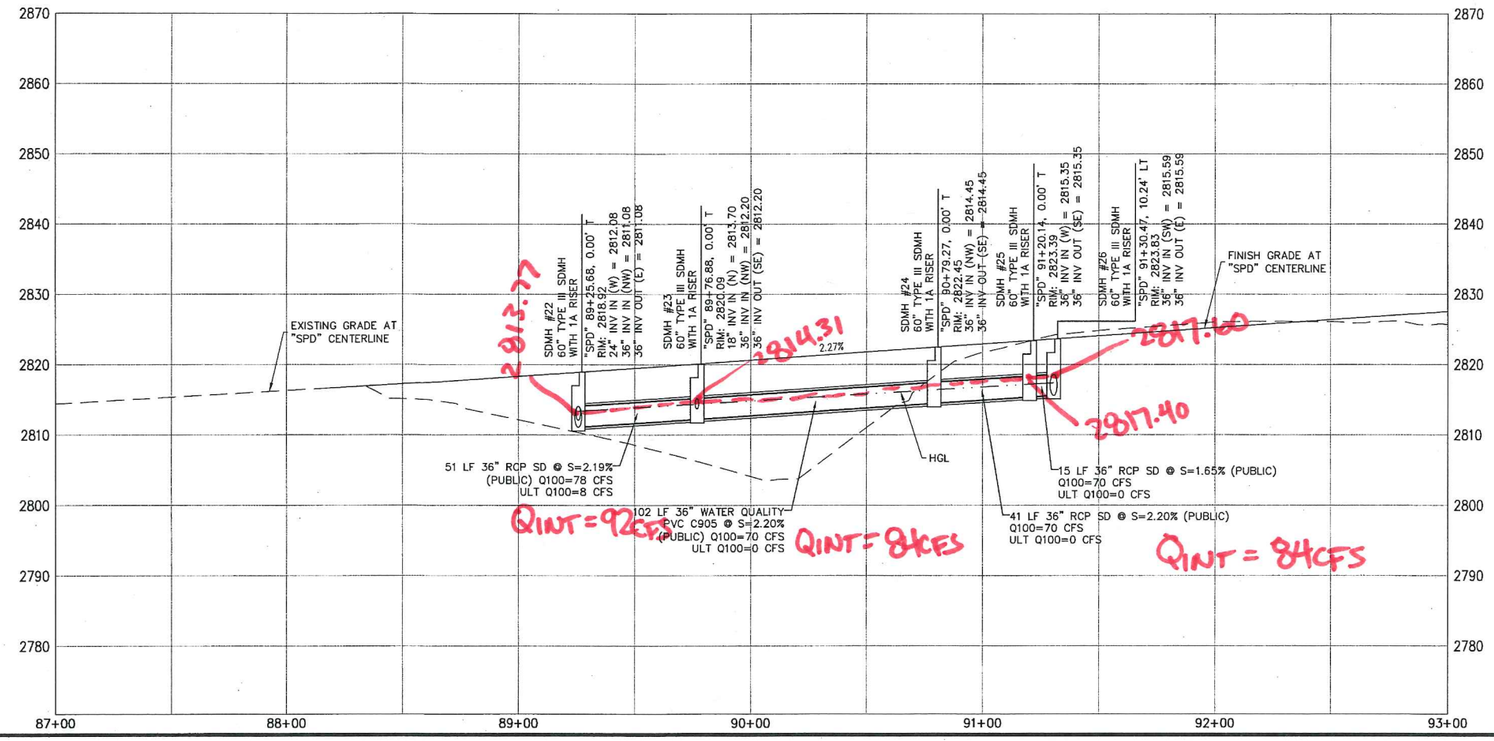
SKYE CANYON PHASE 3A
STREET E
STORM DRAIN PLAN AND PROFILE - "SE" 58+00.00 TO "SE" 71+00.00

DATE: 10/26/17
DRAFTER: AM
DESIGNER: DAM
CHECKED: JSR
PROJECT NO.
OLY1609-000

PROFESSIONAL ENGINEER — STATE OF NEVADA — JERRY M. SLATER — No. 14167 — CIVIL — Exp. 09/30/2018 — 10-27-17

D-17
SHEET 21 OF 30





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JERRY SLATER, P.E. 14167 — DATE

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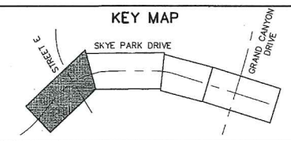
APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER — DATE

PROJECT NO. XXXXXX

KEY MAP



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PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON PHASE 3A
SKYE PARK DRIVE
STORM DRAIN PLAN AND PROFILE - "SPD" 87+00.00 TO "SPD" 93+00.00

DATE: 10/26/17
DRAFTER: AM
DESIGNER: DAM
CHECKED: JSR
PROJECT NO.
OLY1609-000

PROFESSIONAL ENGINEER - STATE OF NEVADA
JERRY SLATER
Exp. 06/30/2018
CIVIL
No. 14167
11-2-17

D-12
SHEET 16 OF 30

APPENDIX G

Reference Material

Master Drainage Study for Skye Canyon Update #4, by SHG

Approval Letter

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM				DATE: October 12, 2017
TO: **Land Development Services** Department of Public Works				FROM: Oh Sang Kwon, P.E. Flood Control Section Department of Public Works
SUBJECT:	Drainage Study for:			**COPIES TO:**
Skye Canyon Master Drainage Study – Update #4				Slater Hanifan Group
Cross Streets:	Fort Apache Road & Moccasin Road			KAG Development South, LLC
File Number:	F:\Depot\DSMemos\DS4420O.doc			Bart Anderson, P.E., DevCo
Parcel Number:	125-06-001-001			CCRFCD
Zoning Action:				CCPW
FEMA Flood Zone	YES	NO X		NDOT; NV Energy
Proposed Storm Drain	YES X	NO		PB America, Inc.

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Transaction #
1st Submittal	6/22/2010	7/13/2010	Not Approved	$1,000.00	147216: $1000
2nd Submittal	9/17/2010	10/4/2010	Not Approved	$400.00	153788: $400
3rd Submittal	10/15/2011	11/14/2011	Not Approved	$400.00	153788: $400
4th Submittal	2/13/2012	3/1/2012	Conditional Approval	$400.00	274196: $400
CCRFCD	5/23/2012	5/24/2012	Concurrence Recv'd	N/C	N/C
5th Submittal NDOT Comments	9/10/2012	9/19/2012	Conditional Approval	N/C	N/C
6th Submittal	12/4/2014	12/30/2014	Conditional Approval	$400.00	378889: $400
7th Submittal	2/17/2015	3/3/2015	Conditional Approval	$400.00	385987: $400
8th Submittal	3/16/2015	4/6/2015	See Comments Below	$400.00	388961: $400
CCRFCD	4/2/2015	4/6/2015	Concurrence Recv'd	N/C	N/C
9th Submittal	6/23/2015	7/21/2015	See Comments Below	$400.00	403025: $400
Revised Memo	8/12/2015	8/12/2015	See Comments Below	N/A	N/A
10th Submittal	10/19/2015	11/23/2015	Conditional Approval	$400.00	N/A
11th Submittal	4/19/2016	5/16/2016 & 8/15/2016	See Comments Below	$400.00	440941: $400
12th Submittal	7/25/2017	9/7/2017 & 10/11/2017	See Comments Below	$400.00	488746: $400
			TOTAL FEES (LDDRS):	**$4,600.00**	----

REMARKS: **12th Submittal: Update # 4 – Overall Master Plan Revision of Skye Canyon development. A new MPA must be submitted to *City of Las Vegas* and *CCRFCD* for approval and shall be adopted by the *City of Las Vegas City Council* prior to the final approval of the subject Overall Master Study.**

The City of Las Vegas will not allow further residential development outside of the limits of Phase 2 at this time until the New Master Plan is approved.

The Master Drainage Study for the subject project has been reviewed and:

	is approved subject to conformance to all City standards and the following conditions:
	must be resubmitted or supplemented including the following:
X	is conditionally approved subject to Clark County Regional Flood Control District concurrence.
X	is conditionally approved subject to Clark County Department of Public Works concurrence.
X	is conditionally approved subject to Nevada Department of Transportation concurrence.
X	is conditionally approved subject to BLM concurrence/approval.

1. The overall concept presented in the Master Plan Update #4 for Skye Canyon appears to satisfy the intent of providing regional connectivity of proposed Master Planned facilities without impacting the National Monument. Specific Technical Drainage Studies shall be required to address the specific impacts of each proposed Master Planned facility and the interaction with proposed facilities needed for each phase of development.
2. The Master Plan Update #4 includes a revised Concept for the Regional Flood Control Master Plan Facilities that are identified to be constructed by the Master Developer. Generally these MPU Facilities are shown on Exhibit J, dated July 24, 2017 and include the following general alignments; Skye Village Road - from W. Skye Canyon Park Dr. to Oso Blanca Rd., Iron Mountain Rd. - from the DB #2 outfall to Skye Village Rd., Oso Blanco Rd. – from Skye Village Rd. through the Kyle Canyon/US-95 Interchange to Log Cabin Way., Log Cabin Way – from east of US-95 to N. Skye Canyon Park Dr., and N. Skye Canyon Park Dr. – from Log Cabin Way to Moccasin Rd. The proposed MPU Facility within the Moccasin Rd. alignment – from N. Skye Canyon Park Dr. to the existing Upper Las Vegas Wash MPU Facility is identified to be constructed by the City.
3. Update #4 discussed that *due to the updated plan of constructing the ultimate MPU facilities with the infrastructure improvements, there are no longer interim facilities proposed in place of ultimate facilities.* Based upon that premise, Flood Control requests that Exhibit J be revised to show that flows west of US-95 are routed south to connect into the existing MPU facility that was extended with the Horse Interchange project. This flow connection matches the CCRFCD Master Plan and basin routing. The facilities between CHD02B and CHD06B along the west side of US-95 are local facilities that shall be constructed by the Master Developer and identified as such on a Revised Exhibit J. The result will reduce the impacts to the east side of US-95. Review and revise the flows for facilities 26 thru 26-3 and 17 thru 17-2.
4. The provided Phasing Plan (Exhibit O) has identified the schematic facilities necessary within each Phase. Flood Control concurs that the construction of Phase 3 & 4 MPU infrastructure is critical to the success of the Phased developments. Changes and timing of the Phases and the corresponding infrastructure improvements shall require Updated Phasing Plans that are approved by the City of Las Vegas and Regional Flood Control prior to the approval of future Master Drainage Study updates.
5. The implementation of the CCRFCD Master Plan is being progressed with the recent bid opening of the NDOT US-95 facilities from the CC-215 interchange north to the Kyle Canyon interchange. Construction of the associated CCRFCD MPU facilities allows for the utilization of the existing MPU facilities constructed with the Horse Interchange. Phased development west of US-95 shall maximize the flow collection into this facility prior to allowing flows to cross US-95 using the existing culvert system. The Ultimate Condition will have the west side of these culvert systems removed, no longer having flows cross US-95 as per the CCRFCD Master Plan.
6. The premise of the Master Plan Update #4 for Skye Canyon is to continue to show a new CCRFCD Master Plan Detention Basin that is located outside of the Skye Canyon development. The City of Las Vegas is in the process of applying for BLM grants for this detention basin site located along Kyle

Canyon Road west of the Skye Canyon Development. This ultimate facility shall be included in the MPA as a CCRFCD facility. The intent of the Detention Basin (157DB) is to reduce developed flows to maintain the existing condition flow rate in the ultimate condition and reduce the size of the downstream regional facilities. The concept for the addition of this detention basin to the CCRFCD Master Plan is acceptable to the City and will require the submittal of technical studies to refine the facility parameters.

7. The ultimate condition Exhibit J shows that a portion of the developed flows will drain north of Moccasin into the BLM land and the National Monument to mimic existing drainage patterns. Concentrated flow discharges at EC19 and EC20 to the north shall still require BLM and National Park Service concurrence. Detailed drainage studies that specifically address the impacts of development and storm discharge along the Moccasin corridor west of Skye Canyon Park Dr. shall be provided prior to the City considering the removal of BLM and National Park Service concurrence.

8. The ***Master Land Use Plan*** has been provided however, any further changes to the adopted Master Land Use Plan shall require a complete update to the Master Drainage Study.

9. A copy of the approved 404 Permit from the Army Corps of Engineers has been provided.

10. Flood Control requires an interim condition drainage analysis in support of the Phasing Plan that clearly shows the impacts to each Phase, existing washes, upstream concentration points and the downstream concentration points. Flood Control needs to make sure that each Phase of Development is protected during the interim and full build-out of this overall project.

11. The interim conditions of the detention basin outfall impacts are being addressed with the technical drainage studies for each basin. This discharge impact must be accounted for in the interim condition without negatively impacting the existing downstream neighborhoods.

12. CCRFCD concurrence has previously been provided. A new concurrence for Update #4 shall be provided from CCRFCD after Conditional Approval by the City of Las Vegas.

13. CCPW concurrence has previously been provided. A new concurrence for Update #4 shall be provided from CCPW after Conditional Approval by the City of Las Vegas.

14. NDOT concurrence has previously been provided. A new concurrence for Update #4 shall be provided from NDOT after Conditional Approval by the City of Las Vegas.

<u>The following comments are repeated until they are complete:</u>

1. Please note that the Traffic Study must be approved prior to final approval of the Master Drainage Study. If the street layout does not match the Master Drainage Study, an update to the Master Drainage Study must be submitted to address the changes.
2. Per a meeting held in August 18, 2011 between the developer and the *City of Las Vegas*, it was agreed that NV Energy's approval of any proposed drainage facilities within their access easements (such as the proposed detention basins) must be obtained prior to the final approval of the Master Drainage Study. Please provide documentation for such approval or acknowledgment.
3. Please note that any future technical drainage study submittals that differ from the Master Drainage Study (ie. Changes in pods, infrastructure, flows etc.) will require an update to the Master Drainage Study and this update must be approved by the *City of Las Vegas Flood Control Section* prior to final approval of technical drainage study.
4. The proposed detention basins will require coordination with the State of Nevada, Division of Water Resources Dam Safety and will require the State's approval prior to permitting.

5. Please note that the proposed 100-year flood protection facilities identified on Exhibit J must be constructed by the Master Developer as a part of the master planned infrastructure. Technical drainage studies are required for each phase of the master planned infrastructure improvements. The technical drainage studies for the infrastructure improvements may be submitted with conditional approval of this Master Drainage Study. However, final approval for the Master Drainage Study must be obtained prior to conditional approval of the infrastructure drainage studies.
6. Technical drainage studies are required for each of the Pod's. The technical drainage studies for the Pod's may not be submitted until the conditional approval of the pertinent infrastructure drainage study is obtained. Final approval for the infrastructure drainage study must be obtained prior to conditional approval of the impacted Pod drainage studies.
7. Building permits for the homes within the individual Pod's will not be issued until construction of the street and flood control infrastructure around the Pod is substantially complete or interim protection is provided per the approved technical drainage study.
8. The design of debris basins at all major culvert entrances to limit the amount of sediment and debris entering the storm drain facilities will be required in a future infrastructure study.
9. Please note that all detention basins must be designed per CCRFCD criteria including a low flow facility around the detention basin.
10. Please note that all proposed interim facilities must be maintained by the master developer.
11. Provide a legal description of the proposed detention basins prior to recordation of the parent final map.
12. Continue to coordinate the proposed drainage facilities with *Sheep Mountain Parkway* project. Please contact Greg McDermott, P.E., at (702)-229-2143 to coordinate the proposed drainage facilities. The detention basin outfall facilities need to account for the future *Sheep Mountain Parkway* improvements.

NOTE: Any future changes to the proposed design (or design assumptions) as outlined in the approved master drainage study and attached preliminary grading plan which affect drainage must be addressed in a Drainage Study Amendment and accepted by the *City of Las Vegas Flood Control Section.* Additionally, conditional acceptance of a drainage study is valid for a period of one (1) year. If the proposed construction has not been completed in that time period, the *City of Las Vegas* reserves the right to require additional conditions and/or submission and acceptance of a complete drainage study update prior to further construction of a project.

NOTE: Please be advised that all land surface area disturbances over 1 acre or any area adjacent to a water way must submit to the Nevada Division of Environmental Protection a "Notice of Intent" to discharge that certifies a stormwater pollution prevention plan has been developed and is maintained on site; for inclusion in the Stormwater General Permit No. NVR100000. A phased construction unit in a contiguous subdivision is considered under construction until all stripped or disturbed surface areas have been covered by paving, building construction or planting. For more information, including forms and applications see http://ndep.nv.gov/bwpc/storm01.htm or call (775) 687-9429.

END OF REMARKS
Osk/pbj

T/R/S: T19S/R60E/6 & 7
AREA G-6, 7, & F-12

Ultimate Condition Drainage Map &
Pertinent HEC-1 Excerpts

4 BASINS REFERENCED FOR THE PROPOSED AND INTERIM CONDITIONS

```
1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*              JUN  1998                *
*            VERSION 4.1                *
*                                       *
*  RUN DATE   21JUL17  TIME  09:09:44   *
*                                       *
*****************************************
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*****************************************
*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*    HYDROLOGIC ENGINEERING CENTER      *
*          609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616         *
*           (916) 756-1104              *
*                                       *
*****************************************
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X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X              X
XXXXXXX  XXXX     X        XXXXX  X
X     X  X        X              X
X     X  X        X     X        X
X     X  XXXXXXX   XXXXX         XXX
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THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM


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LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

              *DIAGRAM
    1         ID     SLATER HANIFAN GROUP
    2         ID     OLYMPIA COMPANIES
    3         ID     SKYE CANYON
    4         ID     MASTER DRAINAGE STUDY - UPDATE #4
    5         ID     ULTIMATE DRAINAGE CONDITION - REVISED TO ROUTE REGIONAL FLOW TO MOCCASIN RD
    6         ID     INCLUDES FULL WATERSHED WITH AREA UPSTREAM OF DB1, DB2 AND 157DB
    7         ID
    8         ID     RETURN PERIOD ------- 100-YEAR
    9         ID     DISTRIBUTION -------- 6-HOUR SDN3
   10         ID     PROJECT NO. --------- OLY1603.000
   11         ID     FILENAME ------------ ULT3.H1
   12         ID     DATE ---------------- July 2017
   13         ID     MODELED BY ---------- SMJ, updated by LKL
   14         ID
   15         ID        SIX HOUR DEPTH-AREA REDUCTION FACTORS
   16         ID        DRAINAGE AREA (MI^2)    DARF
   17         ID        0.0-0.49                1.00
   18         ID        0.5-0.99                0.98
   19         ID        1.0-1.99                0.97
   20         ID        2.0-3.99                0.93
   21         ID        4.0-5.99                0.91
   22         ID        6.0-7.99                0.90
   23         ID
   24         IT      5       0       0    2000
   25         IO      5       0       0
   26         IN      5       0       0
   27         JR    PREC    1.00    0.98    0.97    0.93    0.91    0.90
              *

   28         KK   WUS95
   29         KM   KYLE CANYON INTERCHANGE - WEST HALF
   30         BA   .0133
   31         PB    2.77
   32         PC       0   0.020   0.057   0.070   0.087   0.108   0.124   0.130   0.130   0.130
   33         PC   0.130   0.130   0.130   0.133   0.140   0.142   0.148   0.158   0.172   0.181
   34         PC   0.190   0.197   0.199   0.200   0.201   0.204   0.214   0.229   0.241   0.249
   35         PC   0.251   0.256   0.270   0.278   0.281   0.283   0.295   0.322   0.352   0.409
   36         PC   0.499   0.590   0.710   0.744   0.781   0.812   0.819   0.835   0.851   0.856
   37         PC   0.860   0.868   0.876   0.888   0.910   0.926   0.937   0.950   0.970   0.976
   38         PC   0.982   0.985   0.987   0.989   0.990   0.993   0.993   0.994   0.995   0.998
   39         PC   0.998   0.999   1.000
   40         LS       0    98.0
   41         UD   0.082
              *

   42         KK  DHD01B
   43         KM   FACILITY E-9
   44         KM   FLOW SPLIT AT VTN CULVERT 1
   45         KM   FLOW SPLITS TO BETWEEN NB AND SB ROADS OF US-95
   46         KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
   47         DT  DCHD1B
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 878          KK     CP1
 879          KM   COMBINE WOFF1, WOFF2, WOFF3, WOFF11
 880          HC       4
              *

 881          KK   WOFF4
 882          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 883          BA   .0581
 884          LS       0    86.2
 885          UD   0.136
              *

 886          KK   WOFF5
 887          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 888          BA   .2569
 889          LS       0    86.5
 890          UD   0.419
              *

 891          KK   WOFF6
 892          KM   DISCHARGES INTO DETENTION BASIN "DB1"
 893          BA   .0399
 894          LS       0    86.2
 895          UD   0.121
              *

 896          KK   WPF1B
 897          KM   WEST BASIN, WEST OF SHEEP MT ROAD
 898          BA   .0295
 899          PB    3.00
 900          LS       0    94.0
 901          UD   0.077
              *
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LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

 902          KK     DB1
 903          KM   COMBINE CP1, WOFF4, WOFF5, WOFF6 AND WPF1B
 904          HC       5
              *

 905          KK    RDB1
 906          KM   OUTLET = 24" ORIFICE @ INVERT ELEVATION = 3013.8-FT
 907          KO       1
 908          RS       1    ELEV  3025.5
 909          SA    4.68    5.56    5.74    5.92    6.10    7.01    7.46    8.36    9.32   10.68
 910          SE  3025.5    3027    3028    3029    3030    3035    3037    3040    3043    3046
 911          SQ       0    13.7    31.5    48.3    60.6    70.8    74.5  1436.0  3920.5  7136.3
 912          SE  3013.8    3017    3020    3025    3030    3035    3037    3040    3043    3046
              *

 913          KK   WSHP3
 914          KM   WEST BASIN, SHEEP MT ROAD
 915          BA   .0163
 916          PB    3.00
 917          LS       0    94.0
 918          UD   0.110
              *

 919          KK    WPF2
 920          KM   WEST BASIN, WEST OF SHEEP MT
 921          BA   .0048
 922          PB    3.00
 923          LS       0    94.0
 924          UD   0.074
              *

 925          KK    WC19
 926          KM   FAR N OF GRAND TETON/SHEEP MT INTERSECTION
 927          KM   COMBINE RDB1, WSHP3, WPF2
 928          HC       3
              *

 929          KK    WPF5
 930          KM   WEST BASIN, WEST OF SHAUMBER RD
 931          BA   .0006
 932          PB    3.00
 933          LS       0    86.0
 934          UD   0.052
              *

 935          KK    WML2
 936          KM   WEST BASIN, WEST OF SHAUMBER ROAD
 937          BA   .0428
 938          PB    3.00
 939          LS       0    93.5
 940          UD   0.142
              *
```

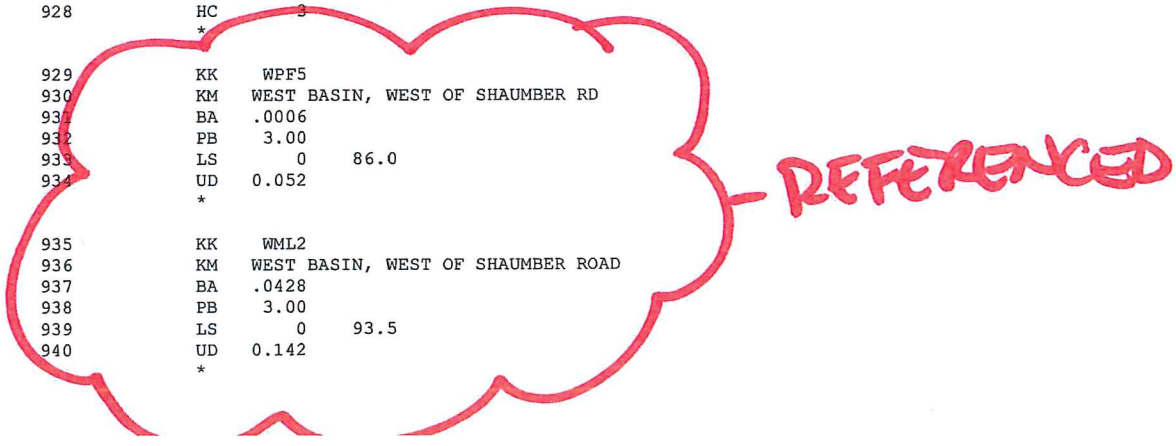

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LINE      ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

  941     KK   WSHA5
  942     KM   WEST BASIN, SHAUMBER ROAD
  943     BA   .0037
  944     PB    3.00
  945     LS      0    98.0
  946     UD   0.086
          *

  947     KK    WC20
  948     KM   S OF EAGLE CANYON/SHAUMBER INTERSECTION
  949     KM   COMBINE WPF5, WML2, WSHA5
  950     HC      3
          *

  951     KK   WARR4
  952     KM   WEST BASIN, WEST OF SHAUMBER ROAD
  953     BA   .0020
  954     PB    3.00
  955     LS      0    88.0
  956     UD   0.100
          *

  957     KK    WPF4
  958     BA   .0090
  959     PB    3.00
  960     LS      0    94.0
  961     UD   0.087
          *

  962     KK   WSHA4
  963     BA   .0022
  964     PB    3.00
  965     LS      0    98.0
  966     UD   0.051
          *

  967     KK    WC21
  968     KM   S OF SHAUMBER SPLIT INTERSECTION
  969     HC      3
          *

  970     KK    WL4A
  971     KM   WEST BASIN, WEST OF EGAN CREB DRIVE
  972     BA   .0125
  973     PB    3.00
  974     LS      0    92.0
  975     UD   0.106
          *
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REFERENCED


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LINE      ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

  976     KK    WL5A
  977     KM   WEST BASIN, WEST OF EGAN CREB DRIVE
  978     BA   .0170
  979     PB    3.00
  980     LS      0    92.0
  981     UD   0.099
          *

  982     KK    WL5B
  983     BA   .0059
  984     PB    3.00
  985     LS      0    92.0
  986     UD   0.085
          *

  987     KK   WC22A
  988     HC      3
          *

  989     KK   WPRK4
  990     KM   WEST BASIN, WEST OF EGAN CREB DRIVE
  991     BA   .0016
  992     PB    3.00
  993     LS      0    84.0
  994     UD   0.067
          *

  995     KK   WARR5
  996     KM   WEST BASIN, WEST OF EGAN CREB DRIVE
  997     BA   .0100
  998     PB    3.00
  999     LS      0    90.0
```

HYDROGRAPH AT +	WPF5	.00	1	FLOW	1.	1.	1.	1.	1.	1.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WML2	.04	1	FLOW	78.	76.	75.	72.	70.	69.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT +	WSHA5	.00	1	FLOW	8.	8.	8.	8.	8.	7.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT +	WC20	.05	1	FLOW	86.	84.	83.	79.	77.	76.
				TIME	3.58	3.58	3.58	3.58	3.58	3.58
HYDROGRAPH AT +	WARR4	.00	1	FLOW	3.	3.	3.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WPF4	.01	1	FLOW	19.	18.	18.	17.	17.	17.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WSHA4	.00	1	FLOW	6.	5.	5.	5.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT +	WC21	.96	1	FLOW	204.	201.	199.	191.	188.	186.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WL4A	.01	1	FLOW	23.	22.	22.	21.	20.	20.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WL5A	.02	1	FLOW	32.	31.	31.	29.	28.	28.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WL5B	.01	1	FLOW	12.	11.	11.	11.	10.	10.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
3 COMBINED AT +	WC22A	.04	1	FLOW	67.	65.	64.	61.	59.	58.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WPRK4	.00	1	FLOW	3.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WARR5	.01	1	FLOW	18.	17.	17.	16.	15.	15.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
4 COMBINED AT +	WC22	1.01	1	FLOW	291.	285.	282.	270.	264.	262.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WML8	.02	1	FLOW	34.	33.	32.	31.	30.	30.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WPF6	.00	1	FLOW	4.	4.	4.	3.	3.	3.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WEGN1	.00	1	FLOW	2.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WEGN2	.00	1	FLOW	2.	2.	2.	2.	2.	2.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
5 COMBINED AT +	WC23	1.03	1	FLOW	332.	325.	322.	308.	301.	298.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WARR6	.00	1	FLOW	6.	6.	6.	6.	5.	5.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WPF7	.01	1	FLOW	14.	14.	14.	13.	13.	13.
				TIME	3.50	3.50	3.50	3.50	3.50	3.50
HYDROGRAPH AT +	WL6A	.01	1	FLOW	19.	18.	18.	17.	16.	16.

REFERENCED

*PORTION OF ULTIMATE MODEL ADJUSTED FOR ULTIMATE CONDITION ANALYSIS

```
1*****************************************                                    ****************************************
 *                                       *                                    *                                      *
 *   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *                                    *    U.S. ARMY CORPS OF ENGINEERS      *
 *              JUN   1998               *                                    *    HYDROLOGIC ENGINEERING CENTER     *
 *            VERSION 4.1                *                                    *          609 SECOND STREET           *
 *                                       *                                    *       DAVIS, CALIFORNIA 95616        *
 *  RUN DATE   21JUL17  TIME  09:09:44   *                                    *           (916) 756-1104             *
 *                                       *                                    *                                      *
 *****************************************                                    ****************************************


                                        X     X  XXXXXXX   XXXXX           X
                                        X     X  X        X     X         XX
                                        X     X  X        X                X
                                        XXXXXXX  XXXX     X        XXXXX   X
                                        X     X  X        X                X
                                        X     X  X        X     X          X
                                        X     X  XXXXXXX   XXXXX          XXX


        THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

        THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
        THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
        NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
        DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL   LOSS RATE:GREEN AND AMPT INFILTRATION
        KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

1                                                  HEC-1 INPUT                                                  PAGE  1

        LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

                      *DIAGRAM
          1           ID     SLATER HANIFAN GROUP
          2           ID     OLYMPIA COMPANIES
          3           ID     SKYE CANYON
          4           ID     MASTER DRAINAGE STUDY - UPDATE #4
          5           ID     ULTIMATE DRAINAGE CONDITION - REVISED TO ROUTE REGIONAL FLOW TO MOCCASIN RD
          6           ID     INCLUDES FULL WATERSHED WITH AREA UPSTREAM OF DB1, DB2 AND 157DB
          7           ID
          8           ID     RETURN PERIOD ------- 100-YEAR
          9           ID     DISTRIBUTION -------- 6-HOUR SDN3
         10           ID     PROJECT NO. --------- OLY1603.000
         11           ID     FILENAME ------------ ULT3.H1
         12           ID     DATE ---------------- July 2017
         13           ID     MODELED BY ---------- SMJ, updated by LKL
         14           ID
         15           ID        SIX HOUR DEPTH-AREA REDUCTION FACTORS
         16           ID        DRAINAGE AREA (MI^2)     DARF
         17           ID        0.0-0.49                 1.00
         18           ID        0.5-0.99                 0.98
         19           ID        1.0-1.99                 0.97
         20           ID        2.0-3.99                 0.93
         21           ID        4.0-5.99                 0.91
         22           ID        6.0-7.99                 0.90
         23           ID
         24           IT       5       0       0    2000
         25           IO       5       0       0
         26           IN       5       0       0
         27           JR    PREC    1.00    0.98    0.97    0.93    0.91    0.90
                      *

         28           KK   WUS95
         29           KM   KYLE CANYON INTERCHANGE - WEST HALF
         30           BA   .0133
         31           PB    2.77
         32           PC       0   0.020   0.057   0.070   0.087   0.108   0.124   0.130   0.130   0.130
         33           PC   0.130   0.130   0.130   0.133   0.140   0.142   0.148   0.158   0.172   0.181
         34           PC   0.190   0.197   0.199   0.200   0.201   0.204   0.214   0.229   0.241   0.249
         35           PC   0.251   0.256   0.270   0.278   0.281   0.283   0.295   0.322   0.352   0.409
         36           PC   0.499   0.590   0.710   0.744   0.781   0.812   0.819   0.835   0.851   0.856
         37           PC   0.860   0.868   0.876   0.888   0.910   0.926   0.937   0.950   0.970   0.976
         38           PC   0.982   0.985   0.987   0.989   0.990   0.993   0.993   0.994   0.995   0.998
         39           PC   0.998   0.999   1.000
         40           LS       0    98.0
         41           UD   0.082
                      *

         42           KK  DHD01B
         43           KM   FACILITY E-9
         44           KM   FLOW SPLIT AT VTN CULVERT 1
         45           KM   FLOW SPLITS TO BETWEEN NB AND SB ROADS OF US-95
         46           KM   REFERENCED FROM GCW MASTER DRAINAGE STUDY
         47           DT  DCHD1B
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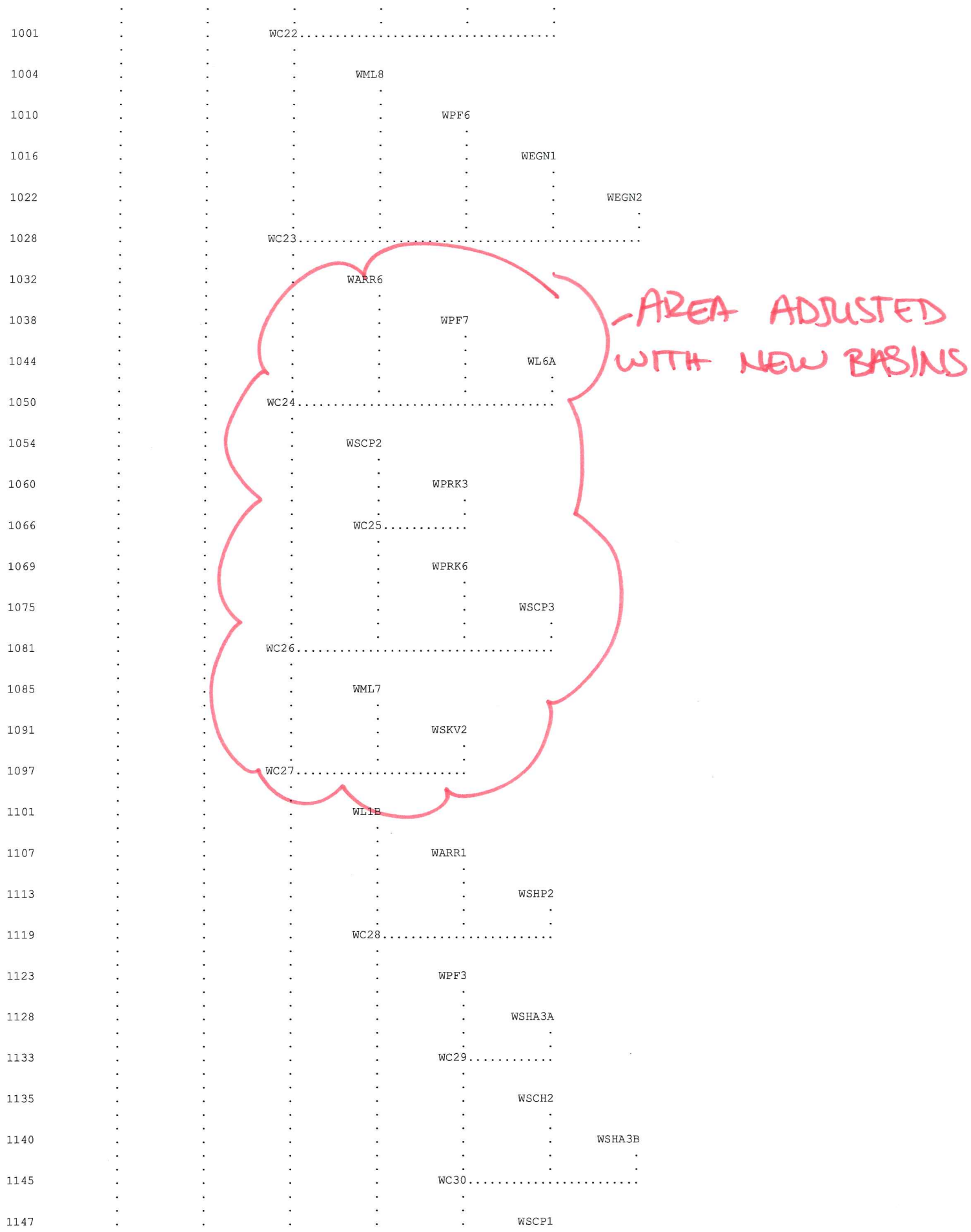
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1010 WPF6
1016 WEGN1
1022 WEGN2
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1032 WARR6
1038 WPF7
1044 WL6A
1050 WC24
1054 WSCP2
1060 WPRK3
1066 WC25
1069 WPRK6
1075 WSCP3
1081 WC26
1085 WML7
1091 WSKV2
1097 WC27
1101 WL1B
1107 WARR1
1113 WSHP2
1119 WC28
1123 WPF3
1128 WSHA3A
1133 WC29
1135 WSCH2
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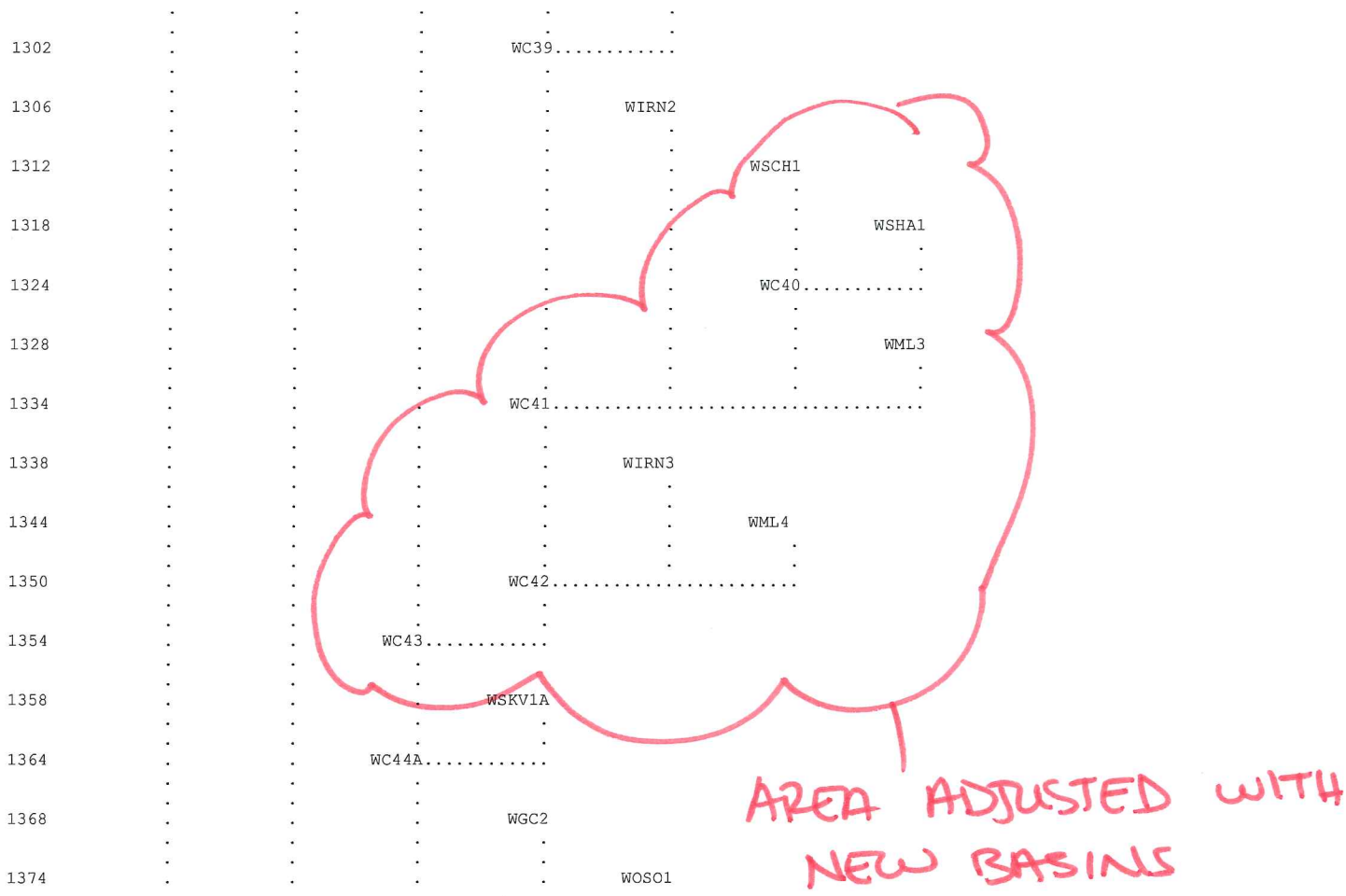
1145 WC30
1147 WSCP1
-AREA ADJUSTED WITH NEW BASINS

- AREA ADJUSTED WITH NEW BASINS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WIRN2
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WIRN3
1344
WML4
1350
WC42
1354
WC43
1358
WSKV1A
1364
WC44A
1368
WGC2
1374
WOSO1
1380
WGED1A
1386
WC44B
1390
NW50-C
1396
WGC1
1402
WC44C
1407
<------- DCHD1B
1404
RETC1B
1408
EUS95
1414
95-4A
1420
95-4B
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EC1
1429
ELOG1
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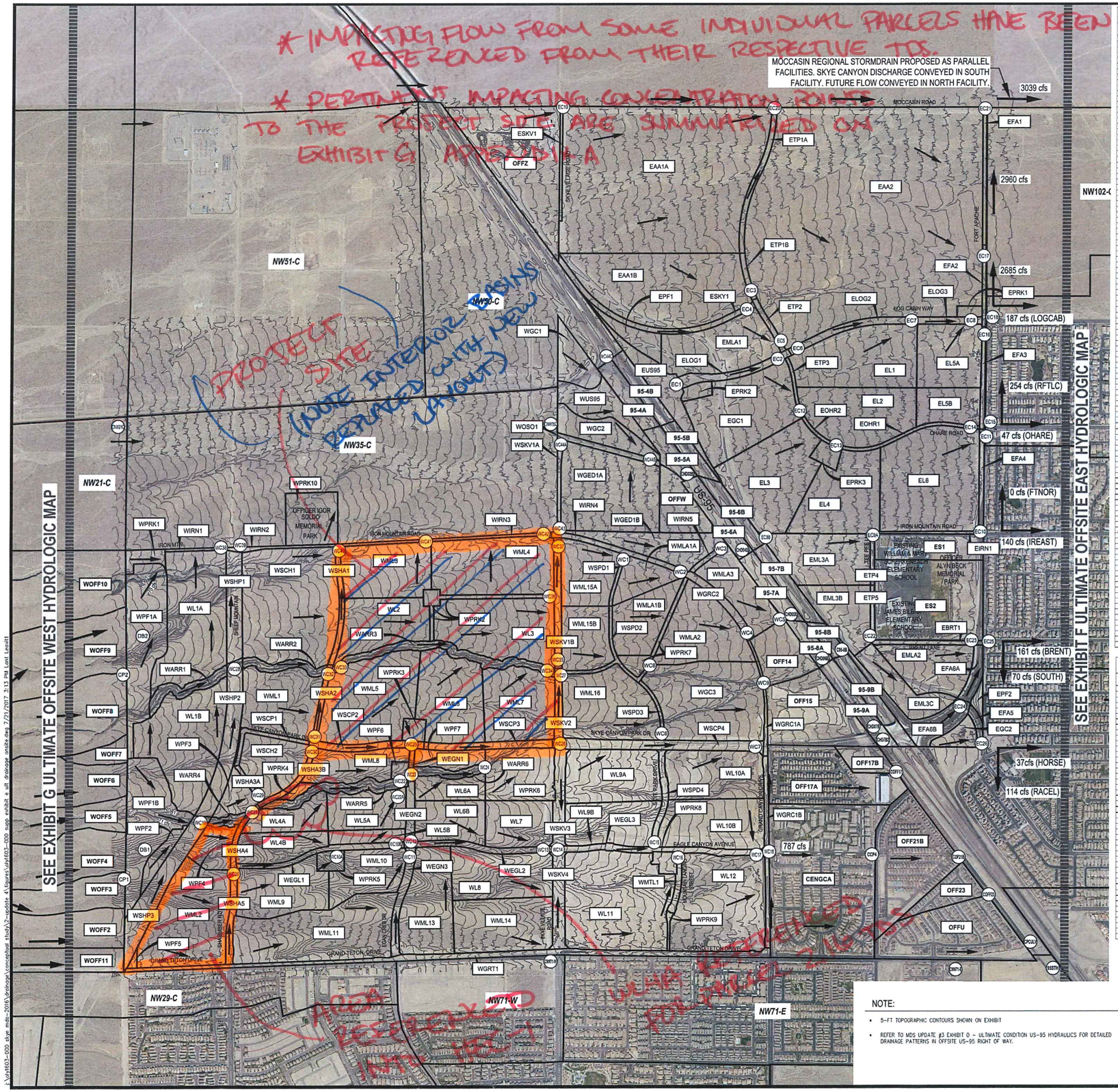
EPRK2
1441
EC2
1445
EAA1B
AREA ADJUSTED WITH NEW BASINS



Ultimate Condition Flow Rate Summary
Skye Canyon West Basins

Basin/Concentration Point ID	Area (ac)	Q_{100} (cfs)	Q_{25} (cfs)
WARR1	3.6	9	4
WARR2	2.8	7	3
WARR3	7.1	17	7
WARR4	1.3	3	1
WARR5	8.0	18	8
WARR6	2.4	6	2
IWSC1	8.3	24	11
WGC2	8.3	23	10
WGC3	30.4	99	47
WGED1A	28.4	77	35
WGED1B	11.5	36	16
WIL15A	17.1	46	21
WIL15B	18.3	49	22
WIL11	35.7	99	46
WIL12	31.4	84	38
WIL1A	29.8	81	38
WIL1B	28.0	79	36
WIL2	15.1	45	21
WIL3	24.9	69	32
WIL4A	8.0	23	10
WIL4B	8.9	27	12
WIL5A	10.9	32	15
WIL5B	3.8	12	5
WIL6A	6.2	19	9
WIL6B	10.6	30	14
WIL7	11.5	34	16
WIL8	17.4	48	22
WML8A	18.2	49	22
WIL9B	14.4	39	18
WIL9.1	18.0	52	24
WIL9_10	11.6	38	19
WIL9_11	16.0	48	23
WIL9_12	15.1	44	20
WIL9_13	16.4	49	22
WIL9_14	19.2	59	29
WIL9_15A	12.3	40	20
WIL9_15B	11.2	34	17
WIL9_16	20.2	64	32
WIL9_2	27.4	78	38
WIL9_3	17.3	56	28
WIL9_4	26.1	77	38
WIL9_5	27.3	82	41
WIL9_6	20.5	64	32
WIL9_7	18.6	59	30
WIL9_8	10.3	34	17
WIL9_9	19.4	55	28
WML9_11A	6.5	20	10
WML9_11B	12.0	37	18
WIL9_A2	30.4	88	44
WIL9_A3	11.5	35	17
WRF1A	20.2	59	29
WRF1B	18.9	63	31
WPF2	3.1	10	5
WPF3	4.6	17	8
WPF4	5.7	19	9
WPF5	0.4	1	0
WPF6	1.0	4	2
WPF7	4.4	14	7
WPRK1	2.4	6	2
WPRK10	10.0	19	8
WPRK2	3.5	7	2
WPRK3	1.8	4	2
WPRK4	1.0	3	1
WPRK5	2.5	5	2
WPRK6	13.2	28	10
WPRK7	3.0	6	2
WPRK8	1.7	4	1
WPRK9	0.5	1	0
WRCH1	39.4	106	48
WRCH2	11.5	37	16
WEST ROADWAY BASINS			
WEGL1	3.4	12	6
WEGL2	3.3	12	7
WEGL3	4.8	16	9
WEGN1	0.5	2	1
WEGN2	2.1	7	4
WEGN3	3.3	10	6
WGRC1A	1.3	4	2
WGRC1B	3.2	10	6
WGRC2	2.7	9	5
WGRT1	11.7	30	16
WIRN1	0.6	2	1
WIRN2	2.3	7	4
WIRN3	1.3	4	2
WIRN4	2.7	9	5
WIRN5	0.7	3	2
WMTL1	1.3	4	2
WOSO1	2.2	8	4
WSCP1	1.5	5	3
WSCP2	3.0	11	6
WSHP1	2.4	8	4
WSHP2	8.4	19	9
WSHP3	9.3	27	13
WSKV1B	10.4	31	15
WSKV1A	1.4	5	3
WSKV1B	3.5	11	6
WSKV2	2.0	19	8
WSKV3	4.2	14	7
WSKV4	4.5	15	8
WSPD1	0.7	3	2
WSPD2	2.1	8	4
WSPD3	0.8	3	2
WSPD4	2.3	8	4
WUS95	8.5	28	16

Ultimate Condition Flow Rate Summary
Skye Canyon East Basins

Basin/Concentration Point ID	Area (ac)	Q_{100} (cfs)	Q_{25} (cfs)
EAA1A	103.1	231	107
EAA1B	40.0	105	48
EAA2	177.6	347	160
EL1	25.0	51	20
EL2	21.7	45	18
EL3	26.4	51	20
EL4	21.4	44	18
EL5A	15.1	32	13
EL5B	9.5	18	7
EL6	36.3	68	26
EMLA1A	17.5	50	25
EMLA1B	11.5	34	17
EMLA2	9.1	27	13
EMLA1	18.9	49	23
EMLA2	16.7	53	26
EOC1	38.4	65	30
EOC2	3.2	11	5
ERRC1	1.0	3	1
ERRC	1.6	1	0
ERRC3	2.0	2	0
EPF1	4.3	9	3
EPF2	1.0	2	1
EASTROADWAY BASINS			
EBRT1	1.8	7	4
EFA1	1.8	6	3
EFA2	1.1	3	2
EFA3	1.6	5	3
EFA4	1.9	6	3
EFA5	1.1	4	2
EFA6A	2.6	8	4
EFA6B	4.5	17	9
EIRN1	1.1	4	2
ELOG1	3.4	11	6
ELOG2	3.5	12	6
ELOG3	1.7	6	3
EOHR1	1.6	6	4
EOHR2	0.6	2	1
ESKV1	1.1	3	2
ESKY1	3.4	10	5
ETP1A	2.9	9	5
ETP1B	0.9	3	2
ETP2	1.7	4	2
ETP3	0.8	16	7
ETP4	0.6	2	1
ETP5	0.9	3	2
ELB95	8.9	31	17

Ultimate Condition Flow Rate Summary
Skye Canyon West Concentration Points

Basin/Concentration Point ID	Area (sq. mi)	Q_{100} (cfs)	Q_{25} (cfs)
WC1 Q = WML5A + WSPC1	0.02	43	21
WC2 Q = WC1 + WRF1A + WML1A	0.03	73	37
WC3 Q = WC2 + WSB01B + WRN3	0.05	109	54
WC4 Q = WPRK7 + WWLA1B + WWLA2 + WGRC2	0.08	135	67
WC5 Q = WC4 + WML4A3	0.09	170	83
WC6 Q = WML1B + WSPS3	0.04	69	33
WC7 Q = WC6 + WML1A + WL15A + WSCP4	0.10	186	89
WC8 Q = WML11B + WSPC2	0.02	37	19
WC9 Q = WC7 + WSC3 + WGRC1A + WC8	0.17	322	156
WC10A Q = WML6 + WPRK5	0.03	60	30
WC10B Q = WC10A + WL4A + WL5A + WEGL1	0.05	99	48
WC11 Q = WML13 + WEGN3	0.07	127	61
WC12 Q = WC9 + WC11	0.11	226	109
WC13 Q = WC12 + WML7 + WML7 + WML13 + WRF1B	0.17	352	170
WC14 Q = WC13 + WML14 + WL9 + WSKV3 + WPRK8	0.24	465	226
WC15 Q = WL9B + WSPD4	0.03	49	21
WC16 Q = WL9.1 + WPRK8 + WPRK9 + WRF1A	0.06	106	48
WC17 Q = WC14 + WC15 + WC16 + WEGL3 + WL10A	0.37	655	331
WC18 Q = RD6.1 + WPRK9 + WRF2	0.42	787	372
WC20 Q = WPRK5 + WWL2 + WSHA5	0.05	86	42
WC21 Q = WC19 + WC20 + WARR4 + WPF4 + WSHA4	0.06	201	121
WC22A Q = WL4A + WL5A + WL5B	0.05	67	43
WC22 Q = WC21 + WC22A + WPRK4 + WARR5	1.01	262	169
WC23 Q = WC22 + WWL9 + WPF5 + WEGN1 + WEGN2	1.03	322	199
WC24 Q = WC23 + WARR6 + WPF7 + WL8A	1.05	359	194
WC25 Q = WEGP2 + WPRK3	0.01	16	8
WC26 Q = WC24 + WC25 + WPRK6 + WSCP3	1.09	412	217
WC27 Q = WL7B + WWL7 + WSKV2	1.12	467	253
WC28 Q = WL6B + WWRF1 + WSHP2	0.06	113	53
WC29 Q = WPF6 + WSPA3A	0.01	19	10
WC30 Q = WC28 + WSCH1 + WSCH2B	0.04	62	29
WC31 Q = WSCP1 + WSCP1	0.04	68	33
WC32 Q = WC31 + WRN1 + WSHA2	0.07	124	58
WC33 Q = WC31 + WC32 + WSKV2	0.14	244	113
WC34 Q = WC33 + WARR3 + WWL3 + WWL8	0.23	404	191
WC35 Q = WC27 + WC34	1.34	876	436
WC36 Q = WL2 + WPRK2	0.03	51	23
WC37 Q = WC35 + WC36 + WSKV1B + WL3	1.41	1000	482
WC38 Q = RD8.3 + WPRK1 + WIRN1 + WL1A	0.62	139	84
WC39 Q = WC38 + WSHP1	0.63	157	93
WC40 Q = WSCH1 + WSCH1	0.07	112	50
WC41 Q = WC39 + WC39 + WIRN2 + WC40 + WIRN3	0.72	321	170
WC42 Q = WC41 + WIRN3 + WWL4	0.77	359	209
WC43 Q = WL5* + WSC2	2.18	1325	648
WC44A Q = WSC2 + WSPC1A	2.19	1330	650
WC44B Q = EAA1C2 + WC44A + WC2C + WSC2 + WSB01A + WSPC1A	4.95	2110	904
WC44C Q = WSB0C + WC3C	0.18	250	97

Ultimate Condition Flow Rate Summary
Skye Canyon East Concentration Points

Basin/Concentration Point ID	Area (sq. mi)	Q_{100} (cfs)	Q_{25} (cfs)
EC1 Q = WC44B + WC44C + WEC1B + EC2/3 + EC4 + EC5	5.16	2389	1016
EC2 Q = EC1 + EC2D + EPRK2	5.16	2395	1021
EC3 Q = EAA1B + ETP1B	0.06	109	49
EC4 Q = ESKY1 + EPF1	0.01	19	9
EC5 Q = EC3 + EC6 + ETP2 + EMLA1	0.11	177	82
EC6 Q = EC5 + EC8	5.27	2552	1092
EC7 Q = EC6 + EL1 + ELC02	5.33	2605	1113
EC8 Q = EC7 + ELB + ELOG2 + EPRK1	5.36	2637	1126
EC9A Q = RD7C2B + EL5A + 95-5B + 95-6A + 95-6B	0.03	57	27
EC9B Q = EC9A + EMLA + ETP4	0.04	109	52
EC10 Q = EC9B + EPRK1 + ES1	0.06	140	68
EC11 Q = ETP3C2 + ELB + EFA4	0.14	73	29
EC12 Q = EC01 + ETP3	0.05	80	37
EC13 Q = EC12 + EL2 + EC9-R2 + EPRK3	0.10	134	58
EC14 Q = EC13 + EL2 + EOHR1	0.17	228	96
EC15 Q = EC11 + EC14	0.31	301	125
EC16 Q = ETLC + EFA3 + EL5B	0.32	276	88
EC17 Q = EOHR+EFA2 + EAA2	0.28	2900	1246
EC18 Q = EC8 + EC16 + EC17	5.67	2885	1126
EC19 Q = OFF2 + EBRT1	0.05	72	29
EC20 Q = EC19 + EAA1A + EFA1A	0.22	312	141
EC21 Q = EC17 + EC18 + EFA1	6.17	3239	1227
EC22 Q = EC6-B + EML3B + ETP5	0.04	65	43
EC23 Q = EC22 + EBRT1 + ES2	0.09	168	85
EC24 Q = EML2C + EFA6B + 95-9B	0.03	64	32
EC25 Q = EC23 + EML4C + EFA6A	0.12	231	116
EC26 Q = SOUTH + EC4 + EPF2 + EFA5 + EGC2	0.17	151	110

Ultimate Condition Flow Rate Summary
Skye Canyon Offsite Basins

Basin/Concentration Point ID	Area (sq. mi)	Q_{100} (cfs)	Q_{25} (cfs)
WEST BASINS			
CENDCA	0.08	152	71
ES1	0.02	29	14
ES2	0.05	84	43
NW1-C	0.29	327	107
NW7-C	0.49	500	192
NW21-C	0.24	242	110
NW29-C	0.13	200	95
NW35-C	0.34	433	191
NW50-C	0.17	226	87
NW71-E	0.74	759	108
NW71-W	0.10	150	74
OFF4-1	0.32	397	128
OFF4-2	0.42	682	214
OFF5-1	0.32	275	115
OFF5-2	0.42	497	165
OFF14	0.01	26	13
OFF15	0.01	42	32
OFF17A	0.03	51	24
OFF17B	0.01	15	7
OFF21B	0.04	75	39
OFF23	0.01	17	9
OFFU	0.04	74	37
OFFW	0.01	22	10
OFFZ	0.05	69	27
WOFF1	0.41	403	153
WOFF10	0.25	292	110
WOFF11	0.03	55	29
WOFF2	0.04	48	17
WOFF3	0.03	38	13
WOFF4	0.05	64	32
WOFF5	0.29	230	80
WOFF6	0.04	59	23
WOFF7	0.01	10	4
WOFF8	0.17	188	74
WOFF9	0.12	144	55
USB5 BASINS			
95-4A	0.01	14	7
95-4B	0.01	13	6
95-5A	0.01	12	6
95-5B	0.01	11	5
95-6A	0.01	10	5
95-6B	0.01	12	5
95-7A	0.01	14	7
95-7B	0.01	16	8
95-8A	0.01	11	6
95-8B	<0.01	7	4
95-9A	0.01	21	10
95-9B	0.01	22	10
EAST BASINS			
NW102-C	0.20	342	157
NW157	0.25	176	56

Ultimate Condition Flow Rate Summary
Skye Canyon Offsite Concentration Points

Basin/Concentration Point ID	Area (sq. mi)	Q_{100} (cfs)	Q_{25} (cfs)
WEST CONCENTRATION POINTS			
157DB Q = RD6/NW7	2.19	1095	366
CP1 Q = WOFF1 + WOFF2 + WOFF3 + WOFF11	0.50	471	178
CP2 Q = WOFF7 + WSHP1	0.17	204	77
EXPM Q = CENGCA + WC09	0.51	917	421
CNWY-C Q = RDFF2 + NW-C	0.89	757	255
2CNWYC Q = RDFF3 + CNWY-C	1.70	1365	582
CNWY Q = RD2NW1 + NWY-C	2.19	2213	650
CNWY1C Q = RD2NWTC + NWY-C	2.35	1139	547
CNWY5C Q = RD2NW21 + WOB5-C + NPRK1S	2.71	1324	410
CNWY1E Q = RD6NWY1 + NWY1-E	0.24	610	108
CNWYW Q = RD6DSC + NWTH-W	0.24	334	167
CDFF17 Q = OFF17B + OFF17A	0.04	66	31
CDFC7B Q = CDFC + DFF7-B	0.50	600	469
CDFF23 Q = RDFF23 + OFF23	0.01	19	9
CDFF42 Q = RDFF41 + OFF4-2	0.72	871	245
CDFE1 Q = RDOFF4 + OFF5-1	1.02	1142	362
DS1 Q = CP1 + WOFF4 + WOFF5 + WOFF6 + WOFF8	0.85	795	313
RENT (FROM DB1)	0.99	71	57
DB2 (FROM DB2)	0.57	667	264
RDB2 (FROM DB2)	0.57	70	53
EAST CONCENTRATION POINTS			
EC27 Q = EC21 + NW102-C	6.37	5239	1324
EC28 Q = EC27 + NW157-W	6.62	5312	1342
USB5 CONCENTRATION POINTS			
CDC04B Q = DHDSB + HDS + OFFW	0.08	130	64
CHDC05B Q = CHDSB + HDS	0.17	321	147
CHDC06B Q = CHDSB + HDS + OFF14	0.36	648	315
CHDC07B Q = CHDSB + 95-8A	0.37	669	325
CHDDTED2 Q = DHDTB + OFF15	0.40	731	357
CDC-DD Q = 95-7A + 95-7B + 95-8A + 95-8B	0.02	47	24
CIRCULV Q = HDSTED + CDFF17 + CDFC7B + CDFF23 + OFFU	1.05	1806	677
WGRTH Q = CIRCULV + CNWYE	1.64	2285	1070

N

SCALE – 1"=500' (0 500 1000 FEET)

LEGEND

- BASIN BOUNDARY
- MATCHLINE SEE EXHIBIT FOR MAP EXTENSION
- ID — BASIN ID
- NW ID — MPA BASIN ID
- ID — CONCENTRATION POINT ID
- FLOW DIRECTION
- FLOW SPLIT

Ultimate Condition Flow Rate Summary
Skye Canyon East Diversions

Diversion ID	Q_{100} (cfs)	Q_{25} (cfs)	Diverted From	Diverted To
LOGCAB	187	88	EC16	LOG CABIN WAY
RFTLC	254	78	EC15	FORT APACHE ROAD
OHARE	47	47	EC15	OHARE ROAD
FTNOR	0	0	EC10	FORT APACHE ROAD
IREAST	140	68	EC10	IRON MOUNTAIN EAST
BRENT	161	46	EC25	BRENT LANE
SOUTH	70	70	EC25	RACEL STREET
HORSE	37	0	EC26	HORSE DRIVE
RACEL	114	110	EC26	RACEL STREET

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5399 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

OLYMPIA COMPANIES
SKYE CANYON - MASTER DRAINAGE STUDY
ULTIMATE CONDITION ONSITE HYDROLOGIC MAP

DATE: JULY 2017
DRAFTER: JSR
DESIGNER: JSR
CHECKED: LKL
PROJECT NO.
OLY1603.000

PROFESSIONAL ENGINEER - STATE OF NEVADA
LANT K. LEAVITT
Exp. 12/31/2017
CIVIL
No. 18287

EXHIBIT E
SHEET 1 OF 1

J:\Olv1603-000 skye mdp-2016\drainage\conceptual study\2-update 4\figures\olv1603-000 supp exhibit e ult drainage onsite.dwg, 7/21/2017 7:13 PM, Levit Levitt

APPENDIX H

Reference Material

Technical Drainage Study for Skye Canyon Park, by Slater Hanifan Group

Approval Letter

CITY OF LAS VEGAS
INTER-OFFICE MEMORANDUM

DATE: September 2, 2015

TO:
Land Development Services
Department of Building & Safety

FROM:
Albert Sung, P.E.
Flood Control Project Engineer
Department of Public Works

SUBJECT: Drainage Study for:
Skye Canyon Park – Phase 1

COPIES TO:
Slater Hanifan Group
Section 12, LLC / Ninety-Five Mgmt.
Bart Anderson, P.E., DevCo
CCRFCD

Cross Streets:	SWC Skye Canyon Park Bl & Skye Village Dr		
File Number:	F:\Depot\DSMemos\DS4707D.doc		
Parcel Number:	126-12-000-001		
Zoning Action:	*Skye Canyon Development Agreement*		
FEMA Flood Zone	YES	NO X	
Proposed Storm Drain	YES	NO X	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1st Submittal	10/30/2014	12/10/2014	Not Approved	$400.00	375470: $400
2nd Submittal	2/3/2015	2/19/2015	Not Approved	$400.00	384502: $400
Revised Memo	3/3/2015	3/3/2015	Conditional Approval	N/C	N/C
Supplement	5/14/2015	6/1/2015	Approved	N/C	N/C
3rd Submittal & Supplement	8/19/2015 & 9/1/2015	9/2/2015	See Comments Below	$100.00	411589: $100
			TOTAL FEES (LDDRS):	**$900.00**	----

REMARKS:

3rd Submittal: Update #1 for Minor Site Layout Changes

The Drainage Study for the subject project has been reviewed and:

X	is approved subject to conformance to all City standards and the following conditions:
	must be resubmitted or supplemented including the following:
	is conditionally approved subject to Clark County Regional Flood Control District concurrence.
	is conditionally approved until the *Skye Canyon Development Agreement* is approved by the *City of Las Vegas City Council*

NOTE: Any future changes to the proposed design (or design assumptions) as outlined in the approved drainage study and attached preliminary grading plan which affect drainage must be addressed in a Drainage Study Update and accepted by the *City of Las Vegas Flood Control Section*. Additionally, conditional acceptance of a drainage study is valid for a period of one (1) year. If the proposed construction has not been completed in that time period, the *City of Las Vegas* reserves the right to require additional conditions and/or submission and acceptance of a complete drainage study update prior to further construction of a project.

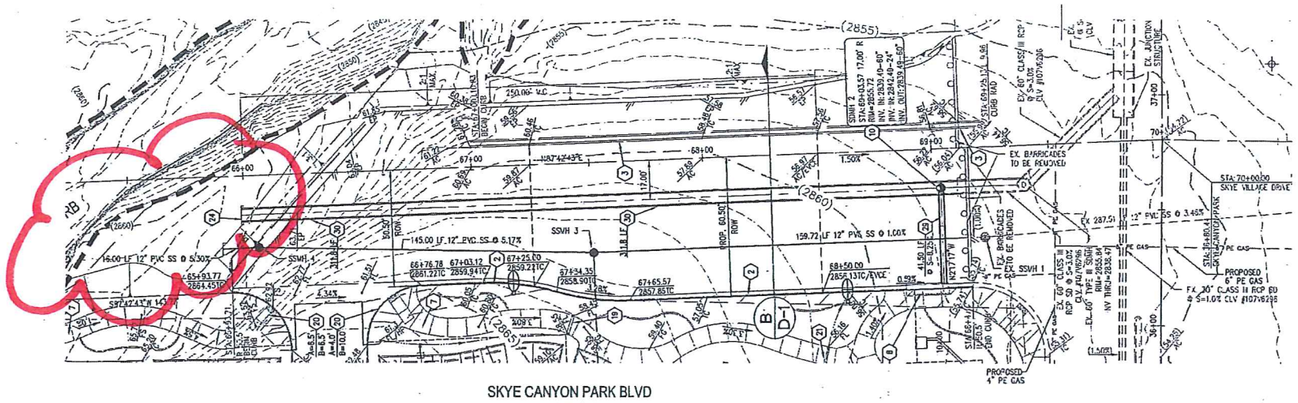
NOTE: Please be advised that all land surface area disturbances over 1 acre or any area adjacent to a water way must submit to the *Nevada Division of Environmental Protection* a "Notice of Intent" to discharge that certifies a stormwater pollution prevention plan has been developed and is maintained on site; for inclusion in the Stormwater General Permit No. NVR100000. A phased construction unit in a contiguous subdivision is considered under construction until all stripped or disturbed surface areas have been covered by paving, building construction or planting. For more information, including forms and applications see http://ndep.nv.gov/bwpc/storm01.htm or call (775) 687-9429.

END OF REMARKS

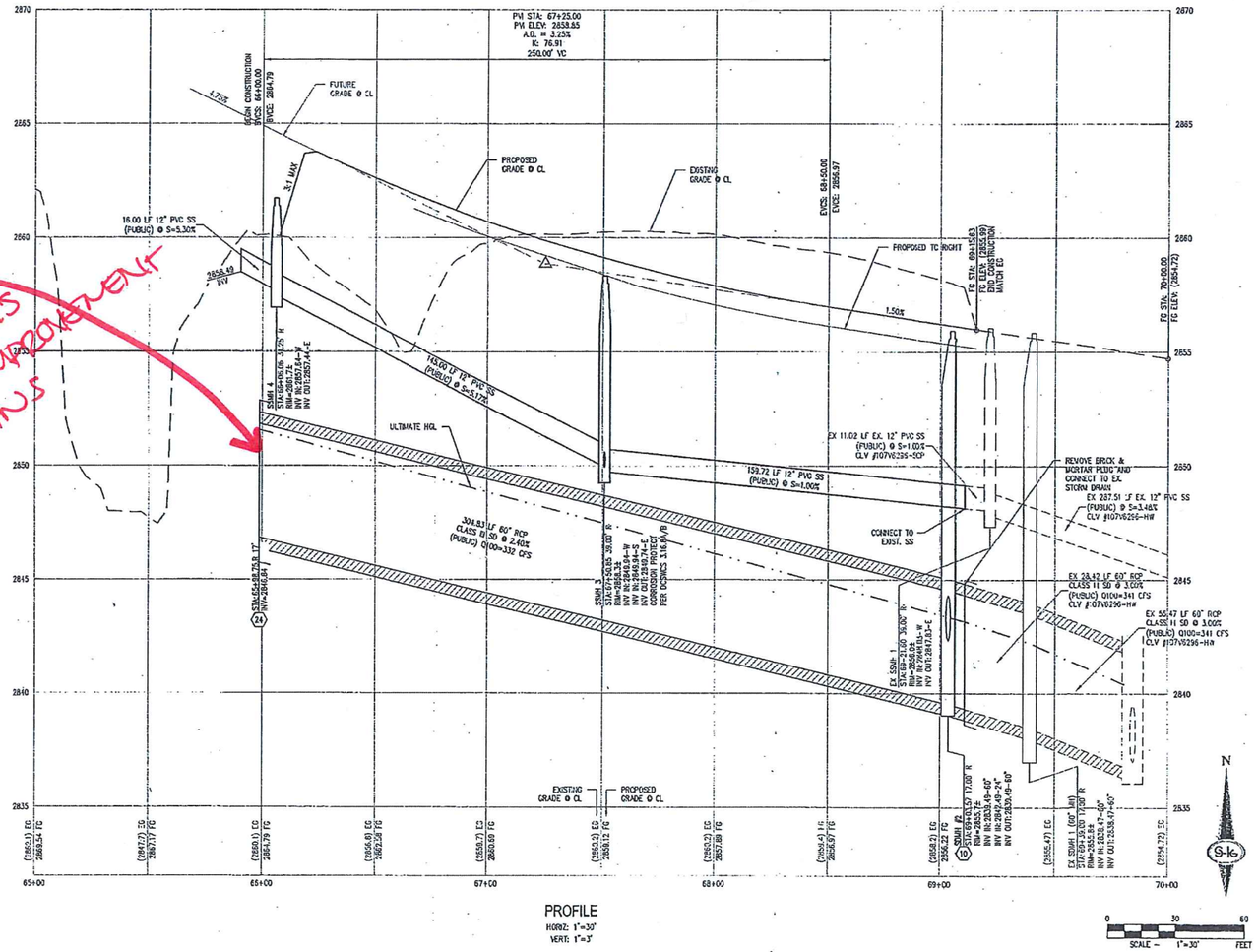
ays

T/R/S: T19S/R59E/07
AREA F-12

Plan and Profile Sheets



SKYE CANYON PARK BLVD
(PUBLIC)



PROFILE
HORIZ: 1"=30'
VERT: 1"=3'

SCALE — 1"=30' (0, 30, 60 FEET)

DISCLAIMER NOTE

1. EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
2. FOR ROADWAY WIDENING AND HALF STREET IMPROVEMENTS THE CONTRACTOR SHALL VERIFY CROSS SLOPES FROM EXISTING PAVEMENT SANCUT LINE TO PROPOSED EDGE OF PAVEMENT OR PROJECTED LIP OF CURB PRIOR TO SUBGRADE PREPARATION AND CONSTRUCTION OF PROPOSED CURB LINE. IF MINIMUM OR MAXIMUM CROSS SLOPES DO NOT MEET AGENCY STANDARDS THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO THE PLACEMENT OF TYPE II AND CURB.

BASIS OF BEARING

NORTH 00°28'16" WEST BEING THE BEARING OF THE EAST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 13, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN ON BY MAP THEREOF ON FILE IN THE CLARK COUNTY'S RECORDER'S OFFICE IN BOOK 118, PAGE 68 OF PLATS.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK #L193 1304

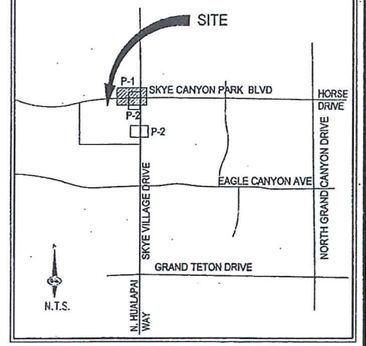
ELEVATION=930.071 METERS
ELEVATION=2952.93 U.S. SURVEY FEET

RIVET & PLATE TOP CURB NE CORNER FARM RD & (ALPINE RIDGE WAY) CRESCENT MTN

NOTES

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS OF EXISTING STRUCTURES INCLUDING LOCATION, ELEVATION, DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION DURING CONSTRUCTION THROUGH THE USE OF A STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
3. MAXIMUM/MINIMUM SLOPES AND MINIMUM STREET SECTIONS NOT TO EXCEED THAT SHOWN ON THE GEOTECH REPORT.
4. SEE DETAIL SHEET D-1 FOR STREET SECTIONS AND DETAILS.
5. SEE SHEET C-2 FOR LEGEND.
6. ADD 2900 TO PLAN GRADES WITH THE EXCEPTION OF FIN/SHED FLOORS AND EXISTING AND PROPOSED CONTOURS.
7. CONTRACTOR TO VERIFY ALL HANDICAP ACCESSIBLE ROUTES AND PARKING STALLS ARE IN CONFORMANCE WITH A.D.A. ACCESSIBILITY GUIDELINES AND DO NOT EXCEED MAXIMUM SLOPES IN ANY DIRECTION PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES.
8. CONSTRUCT A.D.A. ROUTE, HAND RAILS, PARKING, SIGNAGE & RAMPS TO COMPLY WITH ICC/ANSI A117.1-2003
9. ALL ON-SITE STORM DRAINS AND THE ASSOCIATED FACILITIES ARE PRIVATELY OWNED AND TO BE MAINTAINED.
10. ANY FUTURE DEVELOPMENT WILL REQUIRE A TECHNICAL DRAINAGE STUDY UPDATE.

LOCATION MAP



SEWER CONNECTION NOTE

ONE OR MORE SEGMENTS OF THE DOWNSTREAM SEWER SYSTEM THAT WILL SERVE THIS PROJECT HAS NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE CITY OF LAS VEGAS, ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSTREAM SEWER SYSTEM(S) SHALL BE DONE AT THE DEVELOPER'S OWN RISK. THE CITY OF LAS VEGAS RESERVES THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWNSTREAM SEWER SYSTEM UNTIL ALL SEGMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTENANCE, OR UNTIL SUCH TIME AS THEY ARE DEEMED AVAILABLE FOR SERVICE.

CONSTRUCTION NOTES

1. CONSTRUCT AC PAVEMENT OVER TYPE II AGGREGATE BASE. SEE SOILS REPORT FOR SECTION.
2. CONSTRUCT "L" TYPE CURB PER CCAUSD DWG No. 216
3. CONSTRUCT "A" TYPE CURB PER CCAUSD DWG No. 219
4. CONSTRUCT "DEPRESSED" TYPE CURB PER DETAIL 1, SHEET D-1
5. CONSTRUCT 10' CURB TRANSITION, SEE DETAIL 3, SHEET D-1
6. CONSTRUCT AC PARKING AREA. SEE SOILS REPORT FOR SECTION.
7. CONSTRUCT 4" THICK CONCRETE SIDEWALK OVER 5" MIN TYPE II AGGL BASE. WIDTH PER PLAN. SEE LANDSCAPE PLAN FOR FINISH.
8. CONSTRUCT "TYPE CV2" DROP INLET, LENGTH PER PLAN, PER CCAUSD DWG NO. 412.1 & 421
9. CONSTRUCT HANDICAPPED VAN ACCESSIBLE PARKING STALL IN ACCORDANCE WITH ADA STANDARDS.
10. INSTALL 48" TYPE II STORM DRAIN MANHOLE PER CCAUSD NO. 401 & 405
11. INSTALL 30" RCP CLASS III SD, LENGTH PER PLAN
12. INSTALL HYLOPLAST DRAIN BASIN, OR APPROVED EQUAL W/ GRATED AND LOCKING LID ASSEMBLY, SIZE PER PLAN.
13. INSTALL BUMPER BLOCKS PER CCAUSD DWG No. 238
14. CHILD PLAY AREA. SEE LANDSCAPE PLANS FOR CONSTRUCTION MATERIALS AND HORIZONTAL DIMENSIONS.
15. SOCCER FIELD. SEE LANDSCAPE PLANS FOR HORIZONTAL DIMENSIONS AND STRIPING DETAILS.
16. BASKETBALL COURT. SEE LANDSCAPE PLANS FOR HORIZONTAL DIMENSIONS AND STRIPING DETAILS.
17. INSTALL 18" SDR-35 PVC SD, LENGTH PER PLAN
18. CONSTRUCT TRASH ENCLOSURE. SEE ARCHITECTURAL PLANS FOR CONSTRUCTION MATERIALS AND DETAILS.
19. INSTALL ZURN TRENCH DRAIN OR APPROVED EQUAL. SEE DETAIL 2, SHEET D-1
20. CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE, TRUNCATED DOMES OR EQUIVALENT CCAUSD NO. 235, CASE II & 235.1
21. INSTALL SIDEWALK UNDER DRAIN PER CCAUSD DWG NO. 236
22. INSTALL 48" TYPE I STORM DRAIN MANHOLE W/ BEEHIVE GRATE AND FRAME, NEENAH R-2560 SERIES OR EQUAL PER CCAUSD NO. 401 & 403
23. INSTALL HYLOPLAST DRAIN BASIN, OR APPROVED EQUAL W/ DOME GRATE AND LOCKING LID ASSEMBLY, SIZE PER PLAN.
24. INSTALL BRICK AND MORTAR CAP, PER DETAIL 20, SHEET D-1
25. INSTALL 30" SDR-35 PVC SD, LENGTH PER PLAN
26. INSTALL 12" SDR-35 PVC SD, LENGTH PER PLAN
27. INSTALL 6" SDR-35 PVC SD, LENGTH PER PLAN
28. INSTALL 4'x4' JENSEN PRECAST DROP INLET D4848
29. INSTALL 24" RCP CLASS III SD, LENGTH PER PLAN
30. INSTALL 60" RCP CLASS III SD, LENGTH PER PLAN

SEE SHEET C-2 FOR ABBREVIATIONS AND QUANTITIES

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP.	APP. DATE

CITY OF LAS VEGAS, NEVADA

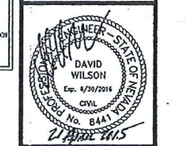
NINETY-FIVE MANAGEMENT LLC

SKYE CANYON PARK PHASE 1

SKY CANYON PARK BLVD STA.66+00-69+16

S12 T19S R59E

DATE: 4/10/15
DRAFTER: CS
DESIGNER: DW
CHECKED: DW
PROJECT NO. OLY1401.000



P-1
SHEET 7 OF 15

\Oly1401-003 skye canyon rec center\dwg\Vmenov\Oly1401.003 psp.dwg 5/7/2015 7:17 AM Ben Ledesma

APPENDIX I

Reference Material

Technical Drainage Study for Skye Canyon Parcel 2.16, by Slater Hanifan Group

Approval Letter

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM				DATE: March 8, 2017
TO: **Land Development Services** Department of Building & Safety				**FROM:** Albert Sung, P.E. Flood Control Project Engineer Department of Public Works
SUBJECT:	Drainage Study for: **Skye Canyon Parcel 2.16**			**COPIES TO:** Slater Hanifan Group
Cross Streets:	NWC of Egan Crest Dr. & Eagle Canyon Av.			Section 12, LLC / Ninety Five Mangt.
File Number:	F:\Depot\DSMemos\DS4842C.doc			Bart Anderson, P.E., DevCo
Parcel Number:	126-12-000-001			CCRFCD
Zoning Action:	TMP-65809			
FEMA Flood Zone	YES	NO	X	
Proposed Storm Drain	YES	NO	X	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1st Submittal	11/3/2016	11/29/2016	Not Approved	$400.00	464250: $400
2nd Submittal	12/20/2016	1/5/2017	Conditional Approval	$400.00	469488: $400
Revised	1/23/2017	1/23/2017	Conditional Approval	N/C	N/C
CCRFCD	2/22/2017	3/8/2017	Concurrence Recv'd	N/C	N/C
			TOTAL FEES (LDDRS):	**$800.00**	**----**

REMARKS:

The Drainage Study for the subject project has been reviewed and:

X	is approved subject to conformance to all City standards and the following conditions:
	must be resubmitted or supplemented including the following:
	is conditionally approved subject to Clark County Regional Flood Control District concurrence.

All Onsite ***Skye Canyon Phase 2 Developments*** such as **Parcel 2.xx series** are allowed to proceed with the following conditions:

1. Per the response to previous Comment #1, the developer/engineer has elected to construct the ultimate ***Detention Basin 1*** for adequate flood protection of the ***Phase 2 Developments***.
2. No ***Certificate of Occupancy*** on the houses will be issued until after the detention basin has been accepted for Substantial Completion by the City.
3. The *Developer* provides a bond for the detention basin now, showing good faith that the *Developer*'s intentions are to get started with the final detention basin as soon as permitting allows.

The following are comments pertaining to the subject site specific drainage study and grading plans:

4. All roadways and flood control facilities as proposed and approved in ***Skye Canyon Phase 2 Infrastructures*** must be substantially constructed prior to the issuance of building permits for the subject development.

5. All drainage easements must be public drainage easements to be privately maintained and common lots to be labeled on the grading plans and to be dedicated as such in the final map.
6. The engineer must provide a table on the grading plans that shows a quantity estimate of all drainage improvements within Public Drainage Easements. All drainage improvements within Public Drainage Easements must be bonded and inspected.
7. Private streets must be public drainage easements. Provide a note on the grading plans: "Note: All private streets are P.U.E., Public Sewer Easements and Public Drainage Easements to be privately maintained by HOA".
8. Add a note in all pertinent sheets for the construction of all storm drain drop inlets per a newly adopted USDCCA Drawing No. 421 (*Stormwater Quality Management Stamp and Sign Detail*).

NOTE: Any future changes to the proposed design (or design assumptions) as outlined in the approved drainage study and attached preliminary grading plan which affect drainage must be addressed in a Drainage Study Update and accepted by the *City of Las Vegas Flood Control Section.* Additionally, conditional acceptance of a drainage study is valid for a period of one (1) year. If the proposed construction has not been completed in that time period, the *City of Las Vegas* reserves the right to require additional conditions and/or submission and acceptance of a complete drainage study update prior to further construction of a project.

NOTE: Please be advised that all land surface area disturbances over 1 acre or any area adjacent to a water way must submit to the *Nevada Division of Environmental Protection* a "Notice of Intent" to discharge that certifies a stormwater pollution prevention plan has been developed and is maintained on site; for inclusion in the Stormwater General Permit No. NVR100000. A phased construction unit in a contiguous subdivision is considered under construction until all stripped or disturbed surface areas have been covered by paving, building construction or planting. For more information, including forms and applications see http://ndep.nv.gov/bwpc/storm01.htm or call (775) 687-9429.

END OF REMARKS
ays

T/R/S: T19S/R59E/12
AREA F-12

Referenced Basins (HEC-1)

DEV

```
1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*              JUN  1998                *
*            VERSION 4.1                *
*                                       *
*  RUN DATE   24OCT16  TIME  10:48:56   *
*                                       *
*****************************************
```

```
*****************************************
*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*    HYDROLOGIC ENGINEERING CENTER      *
*          609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616         *
*           (916) 756-1104              *
*                                       *
*****************************************
```

```
X     X  XXXXXXX  XXXXX          X
X     X  X        X    X        XX
X     X  X        X             X
XXXXXXX  XXXX     X       XXXXX  X
X     X  X        X             X
X     X  X        X    X        X
X     X  XXXXXXX  XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

1 HEC-1 INPUT PAGE 1

```
          LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

                        *DIAGRAM
            1           ID     SLATER HANIFAN GROUP
            2           ID     SKYE CANYON PARCEL 2.16
            3           ID     DEVELOPED CONDITION
            4           ID
            5           ID     RETURN PERIOD -------- 100-YR & 10-YR
            6           ID     DISTRIBUTION --------- 6-HOUR SDN3
            7           ID     PROJECT NO. ---------- OLY1607.001
            8           ID     FILENAME ------------- DEV.H1
            9           ID     DATE ----------------- 10/24/2016
           10           ID     MODELED BY ----------- CWB
           11           ID
           12           ID        PRECIPITATION STORM EVENT RATIOS
           13           ID        STORM EVENT              RATIO
           14           ID        10-YR                     0.56
           15           ID        100-YR                       1
           16           ID
           17           IT       5       0       0     300
           18           IO       5       0       0
           19           IN       5       0       0
           20           JR    PREC    1.00    0.56
                        *
           21           KK    ON1D
           22           KM   DEVELOPED ONSITE BASIN
           23           BA  0.0222
           24           PB    3.00
           25           PC       0   0.020   0.057   0.070   0.087   0.108   0.124   0.130   0.130   0.130
           26           PC   0.130   0.130   0.130   0.133   0.140   0.142   0.148   0.158   0.172   0.181
           27           PC   0.190   0.197   0.199   0.200   0.201   0.204   0.214   0.229   0.241   0.249
           28           PC   0.251   0.256   0.270   0.278   0.281   0.283   0.295   0.322   0.352   0.409
           29           PC   0.499   0.590   0.710   0.744   0.781   0.812   0.819   0.835   0.851   0.856
           30           PC   0.860   0.868   0.876   0.888   0.910   0.926   0.937   0.950   0.970   0.976
           31           PC   0.982   0.985   0.987   0.989   0.990   0.993   0.993   0.994   0.995   0.998
           32           PC   0.998   0.999       1
           33           LS       0    92.0
           34           UD   0.099
                        *
           35           ZZ
```

1 SCHEMATIC DIAGRAM OF STREAM NETWORK

```
 INPUT
  LINE      (V) ROUTING          (---->) DIVERSION OR PUMP FLOW

   NO.      (.) CONNECTOR        (<----) RETURN OF DIVERTED OR PUMPED FLOW

    21        ON1D

 (***) RUNOFF ALSO COMPUTED AT THIS LOCATION
```


```
1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*              JUN  1998                *
*            VERSION 4.1                *
*                                       *
*  RUN DATE   24OCT16  TIME  10:48:56   *
*                                       *
*****************************************
```

```
*****************************************
*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*    HYDROLOGIC ENGINEERING CENTER      *
*          609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616         *
*           (916) 756-1104              *
*                                       *
*****************************************
```

DISTRIBUTION -------- 6-HOUR SDN3
PROJECT NO. --------- OLY1607.001
FILENAME ------------ DEV.H1
DATE ---------------- 10/24/2016
MODELED BY ---------- CWB

PRECIPITATION STORM EVENT RATIOS

STORM EVENT	RATIO
10-YR	0.56
100-YR	1

18 IO OUTPUT CONTROL VARIABLES

IPRNT	5	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE

IT HYDROGRAPH TIME DATA

NMIN		5	MINUTES IN COMPUTATION INTERVAL
IDATE	1	0	STARTING DATE
ITIME		0000	STARTING TIME
NQ		300	NUMBER OF HYDROGRAPH ORDINATES
NDDATE	2	0	ENDING DATE
NDTIME		0055	ENDING TIME
ICENT		19	CENTURY MARK

COMPUTATION INTERVAL .08 HOURS
TOTAL TIME BASE 24.92 HOURS

ENGLISH UNITS

DRAINAGE AREA	SQUARE MILES
PRECIPITATION DEPTH	INCHES
LENGTH, ELEVATION	FEET
FLOW	CUBIC FEET PER SECOND
STORAGE VOLUME	ACRE-FEET
SURFACE AREA	ACRES
TEMPERATURE	DEGREES FAHRENHEIT

JP MULTI-PLAN OPTION
NPLAN 1 NUMBER OF PLANS

JR MULTI-RATIO OPTION
RATIOS OF PRECIPITATION
1.00 .56

1

PEAK FLOW AND STAGE (END-OF-PERIOD) SUMMARY FOR MULTIPLE PLAN-RATIO ECONOMIC COMPUTATIONS
FLOWS IN CUBIC FEET PER SECOND, AREA IN SQUARE MILES
TIME TO PEAK IN HOURS

OPERATION	STATION	AREA	PLAN		RATIOS APPLIED TO PRECIPITATION RATIO 1 1.00	RATIO 2 .56
HYDROGRAPH AT						
+	ON1D	.02	1	FLOW	42.	19.
				TIME	3.50	3.50

← REFERENCED

*** NORMAL END OF HEC-1 ***

Referenced WSPG Model

* REFERENCED EXISTING ALIGNMENT MODEL (FACILITY P25 TIE-IN)

U-ECRN

```
T1 SKYE CANYON INFRASTRUCTURE - PHASE 2 (UPDATE NO.3)
T2 ULTIMATE CONDITION OF EAGAN CREST (NORTH) - TRUNK STORM DRAIN
T3 STARTING WSE TAKEN FROM TOP OF PIPE
SO    1000.00 2905.68  36                          2908.68
R     1139.00 2906.60  36       .013                              00.0   1
JX    1139.00 2906.60  36 18    .013     2.000          2908.10          90.0
R     1167.00 2907.71  36       .013                              55.0   1
R     1182.00 2908.29  36       .013                              00.0   1
JX    1182.00 2908.29  36 18    .013     2.000          2908.29          90.0
R     1233.00 2910.33  36       .013                              00.0   1
SH    1233.00 2910.33  36
CD  18  4   1    .000    1.500      .000  .000  .000   .00
CD  36  4   1    .000    3.000      .000  .000  .000   .00
Q             67.0      .0
```

PROPOSED Q_{100} = 42cfs, 42cfs < 67cfs THEREFORE NO REANALYSIS OF EXISTING STORM DRAIN

FILE: U-ECRN.WSW W S P G W - EDIT LISTING - Version 14.06 Date:12-13-2016 Time:10:21:15

WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING PAGE 1

CARD CODE	SECT NO	CHN TYPE	NO OF PIER/PIP	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	18	4	1		1.500														
CD	36	4	1		3.000														

W S P G W PAGE NO 1

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -
SKYE CANYON INFRASTRUCTURE - PHASE 2 (UPDATE NO.3)

HEADING LINE NO 2 IS -
ULTIMATE CONDITION OF EAGAN CREST (NORTH) - TRUNK STORM DRAIN

HEADING LINE NO 3 IS -
STARTING WSE TAKEN FROM TOP OF PIPE

W S P G W PAGE NO 2

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET * * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1000.000	2905.680	36	2908.680

ELEMENT NO 2 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1139.000	2906.600	36	.013	.000	.000	.000	1

ELEMENT NO 3 IS A JUNCTION * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1139.000	2906.600	36	18	0	.013	2.000	.000	2908.100	.000	90.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 4 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1167.000	2907.710	36	.013	.000	.000	55.000	1

ELEMENT NO 5 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1182.000	2908.290	36	.013	.000	.000	.000	1

ELEMENT NO 6 IS A JUNCTION * * * * *

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1182.000	2908.290	36	18	0	.013	2.000	.000	2908.290	.000	90.000	.000

RADIUS	ANGLE
.000	.000

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 7 IS A REACH * * *

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1233.000	2910.330	36	.013	.000	.000	.000	1

ELEMENT NO 8 IS A SYSTEM HEADWORKS * *

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1233.000	2910.330	36	.000

SKYE CANYON INFRASTRUCTURE - PHASE 2 (UPDATE NO.3)
ULTIMATE CONDITION OF EAGAN CREST (NORTH) - TRUNK STORM DRAIN
STARTING WSE TAKEN FROM TOP OF PIPE

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1000.000	2905.680	3.000	2908.680	71.00	10.04	1.57	2910.25	.00	2.67	.00	3.000	.000	.00	1 .0
132.332	.0066					.0113	1.50	3.00	.00	3.00	.013	.00	.00	PIPE
1132.332	2906.556	3.697	2910.253	71.00	10.04	1.57	2911.82	.00	2.67	.00	3.000	.000	.00	1 .0
HYDRAULIC JUMP														
1132.332	2906.556	1.858	2908.414	71.00	15.45	3.70	2912.12	.00	2.67	2.91	3.000	.000	.00	1 .0
6.668	.0066					.0233	.16	1.86	2.17	3.00	.013	.00	.00	PIPE
1139.000	2906.600	1.834	2908.434	71.00	15.68	3.82	2912.25	.00	2.67	2.92	3.000	.000	.00	1 .0
JUNCT STR	.0000					.0253	.00	1.83	2.22		.013	.00	.00	PIPE
1139.000	2906.600	1.730	2908.330	69.00	16.35	4.15	2912.48	.00	2.64	2.96	3.000	.000	.00	1 .0
9.162	.0396					.0262	.24	1.73	2.41	1.53	.013	.00	.00	PIPE
1148.162	2906.963	1.756	2908.719	69.00	16.05	4.00	2912.72	.00	2.64	2.96	3.000	.000	.00	1 .0
18.838	.0396					.0241	.45	1.76	2.35	1.53	.013	.00	.00	PIPE
1167.000	2907.710	1.827	2909.537	69.00	15.30	3.64	2913.17	.00	2.64	2.93	3.000	.000	.00	1 .0
.450	.0387					.0226	.01	1.83	2.17	1.55	.013	.00	.00	PIPE
1167.450	2907.727	1.829	2909.556	69.00	15.28	3.63	2913.18	.00	2.64	2.93	3.000	.000	.00	1 .0
14.550	.0387					.0213	.31	1.83	2.17	1.55	.013	.00	.00	PIPE
1182.000	2908.290	1.906	2910.196	69.00	14.57	3.30	2913.49	.00	2.64	2.89	3.000	.000	.00	1 .0
JUNCT STR	.0000					.0214	.00	1.91	2.01		.013	.00	.00	PIPE

SKYE CANYON INFRASTRUCTURE - PHASE 2 (UPDATE NO.3)
ULTIMATE CONDITION OF EAGAN CREST (NORTH) - TRUNK STORM DRAIN
STARTING WSE TAKEN FROM TOP OF PIPE

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1182.000	2908.290	1.787	2910.077	67.00	15.26	3.62	2913.69	.00	2.62	2.94	3.000	.000	.00	1 .0
5.376	.0400					.0224	.12	1.79	2.20	1.50	.013	.00	.00	PIPE
1187.376	2908.505	1.812	2910.317	67.00	15.01	3.50	2913.81	.00	2.62	2.93	3.000	.000	.00	1 .0
12.546	.0400					.0206	.26	1.81	2.14	1.50	.013	.00	.00	PIPE
1199.922	2909.007	1.887	2910.894	67.00	14.31	3.18	2914.07	.00	2.62	2.90	3.000	.000	.00	1 .0
9.678	.0400					.0183	.18	1.89	1.98	1.50	.013	.00	.00	PIPE
1209.600	2909.394	1.966	2911.360	67.00	13.64	2.89	2914.25	.00	2.62	2.85	3.000	.000	.00	1 .0
7.486	.0400					.0163	.12	1.97	1.83	1.50	.013	.00	.00	PIPE

1217.086	2909.694	2.051	2911.745	67.00	13.01	2.63	2914.37	.00	2.62	2.79	3.000	.000	.00	1	.0
5.794	.0400					.0145	.08	2.05	1.69	1.50	.013	.00	.00	PIPE	
1222.880	2909.925	2.142	2912.067	67.00	12.40	2.39	2914.46	.00	2.62	2.71	3.000	.000	.00	1	.0
4.329	.0400					.0129	.06	2.14	1.55	1.50	.013	.00	.00	PIPE	
1227.209	2910.098	2.242	2912.341	67.00	11.82	2.17	2914.51	.00	2.62	2.61	3.000	.000	.00	1	.0
3.150	.0400					.0116	.04	2.24	1.41	1.50	.013	.00	.00	PIPE	
1230.359	2910.224	2.350	2912.574	67.00	11.27	1.97	2914.55	.00	2.62	2.47	3.000	.000	.00	1	.0
1.947	.0400					.0105	.02	2.35	1.28	1.50	.013	.00	.00	PIPE	
1232.306	2910.302	2.472	2912.774	67.00	10.75	1.79	2914.57	.00	2.62	2.28	3.000	.000	.00	1	.0
.694	.0400					.0096	.01	2.47	1.15	1.50	.013	.00	.00	PIPE	

Program Package Serial Number: 1704

WATER SURFACE PROFILE LISTING Date:12-13-2016 Time:10:21:22

SKYE CANYON INFRASTRUCTURE - PHASE 2 (UPDATE NO.3)

ULTIMATE CONDITION OF EAGAN CREST (NORTH) - TRUNK STORM DRAIN

STARTING WSE TAKEN FROM TOP OF PIPE

Station	Invert Elev	Depth (FT)	Water Elev	Q (CFS)	Vel (FPS)	Vel Head	Energy Grd.El.	Super Elev	Critical Depth	Flow Top Width	Height/ Dia.-FT	Base Wt or I.D.	ZL	No Wth Prs/Pip
L/Elem	Ch Slope					SF Ave	HF	SE Dpth	Froude N	Norm Dp	"N"	X-Fall	ZR	Type Ch
1233.000	2910.330	2.615	2912.945	67.00	10.25	1.63	2914.58	.00	2.62	2.01	3.000	.000	.00	1 .0

♀

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SKYE CANYON INFRASTRUCTURE - PHASE 2 (UPDATE NO.3)

ULTIMATE CONDITION OF EAGAN CREST (NORTH) - TRUNK STORM DRAIN

STARTING WSE TAKEN FROM TOP OF PIPE

1000.00 .I C H E . R

1004.76 .

1009.51 .

1014.27 .

1019.02 .

1023.78 .

1028.53 .

1033.29 .

1038.04 .

```
1042.80  .                                                                                                  .
1047.55  .                                                                                                  .
1052.31  .                                                                                                  .
1057.06  .                                                                                                  .
1061.82  .                                                                                                  .
1066.57  .                                                                                                  .
1071.33  .                                                                                                  .
1076.08  .                                                                                                  .
1080.84  .                                                                                                  .
1085.59  .                                                                                                  .
1090.35  .                                                                                                  .
1095.10  .                                                                                                  .
1099.86  .                                                                                                  .
1104.61  .                                                                                                  .
1109.37  .                                                                                                  .
1114.12  .                                                                                                  .
1118.88  .                                                                                                  .
1123.63  .                                                                                                  .
1128.39  .                                                                                                  .
1133.14  .        I                          C   H       W                E                              .   R
1137.90  .        I                  W       C   H                            E                          .   R
1142.65  .         I                 W        C   H                            E                         .   JX
1147.41  .         I                W         C   H                                E                     .   R
1152.16  .             I                 W        C   H                                E                 .   R
1156.92  .                                                                                                  .
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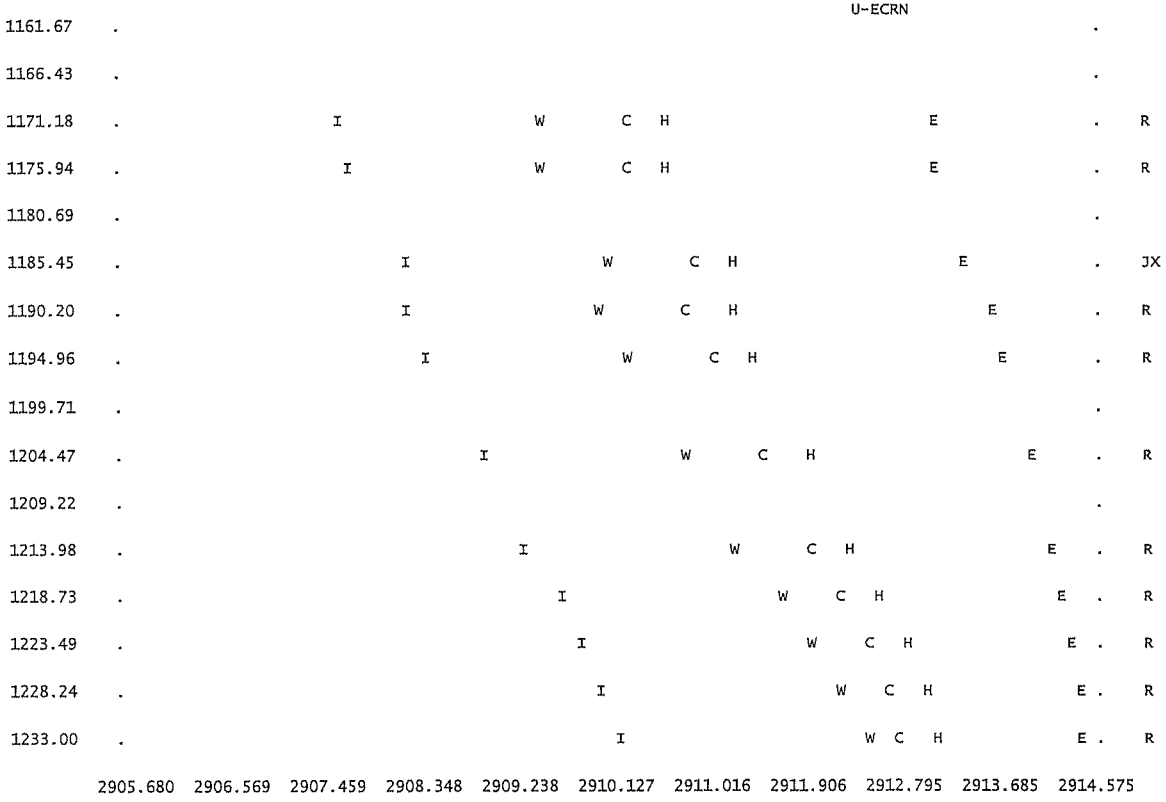
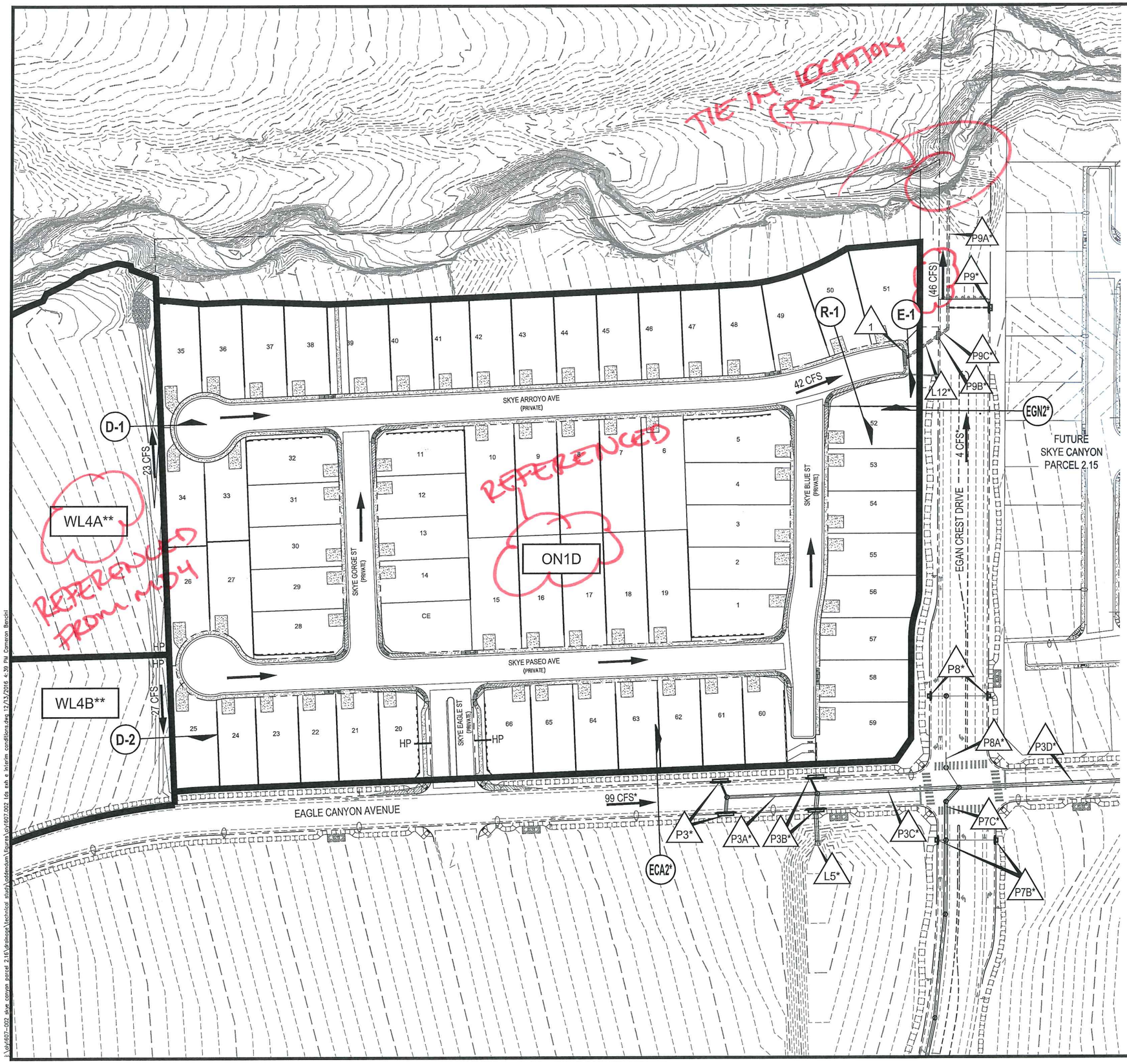


N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   S = SUPER-ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY

Drainage Exhibit



Developed Condition Flow Rate Summary

Basin	Area (ac)	Q_{100} (cfs)	Q_{10} (cfs)
WL4A**	8.0	23	10
WL4B**	8.9	27	12
ON1D	14.2	42	19

100-Year Open Channel Flow Summary
Developed Condition

Cross Section	Slope (%)	Q_{100} (cfs)	Depth (ft)	Velocity (fps)	DxV
ECA2*	4.90	99	0.62	8.5	5.3
EGN2*	0.50	4	0.35	1.6	0.5
R-1 (Q = ON1D)	0.60	42	0.55	3.5	1.9
	4.98		0.42	7.1	3.0
D-1 (Q = WL4A)	1.00	23	0.69	3.6	2.5
	2.00		0.58	4.6	2.7
D-2 (Q = WL4B)	0.75	27	0.80	3.3	2.6
	1.00		0.74	3.7	2.7

Egan Crest Drive Flood Control Facility Summary

Facility ID	Facility	Proposed Q_{100} (cfs)	Previous Design Q_{100} (cfs)	Comment
1	20-ft Type CM2 DI	42	N/A	Conveyed to Existing Facility L12*
L12	Existing 36" RCP	42	67*	Tie into Existing Facility P9B*
P9C*	Existing 36"RCP	44	69*	Tie to Existing Manhole
P9*	Existing 7.5-ft Type CM2 DI	2	2*	Existing 18" RCP East Lateral
P9B*	Existing 10.0-ft Type CM2 DI	2	2*	Outlets NE to Existing 36-in RCP
P9A*	Existing 36" RCP	46	71*	Outlets to wash

Eagle Canyon Drive Flood Control Facility Summary

Facility ID	Facility	Comment
P3	(2) Existing 20-ft Type CM2 DIs	18" RCP North, 36" RCP South Lateral
P3A	Existing 36" RCP	18" RCP North, 48" RCP South Lateral
P3B	(2) Existing 20-ft Type CM2 DIs	
P3C	Existing 48" RCP	
P3D	Existing 48" RCP	
P7B	(2) Existing 5-ft Type CM2 DIs	18" RCP laterals (West Inlet Provided as Nuisance)
P7C	Existing 42" RCP	
P8	(2) Existing 5-ft Type CM2 Nuisance DIs	18" RCP laterals
P8A	Existing 18" RCP	
L5	Existing 48" RCP	

NOTES:

** REFERENCED PER THE MASTER DRAINAGE STUDY (DS4420N)
* REFERENCED PER PHASE 2 INFRASTRUCTURE (DS4739E)

LEGEND

- BASIN BOUNDARY
- ID — BASIN ID
- FLOW DIRECTION
- ID — FLOWMASTER SECTION
- ID — FACILITY ID

N

0 40 80
SCALE – 1"=40' FEET

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON - PARCEL 2.16

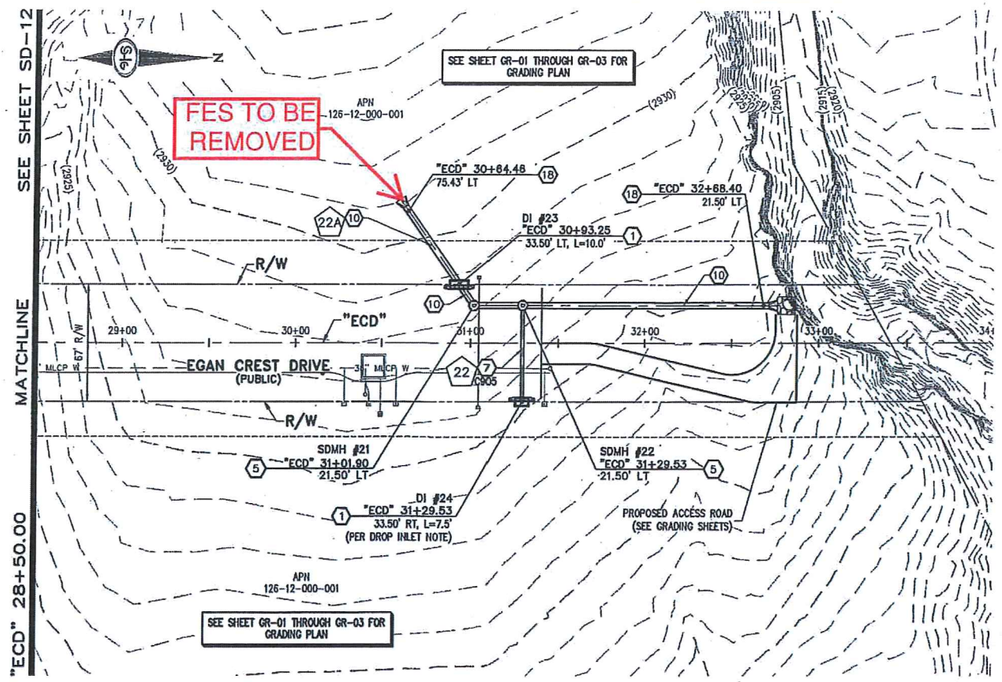
DEVELOPED CONDITION DRAINAGE MAP

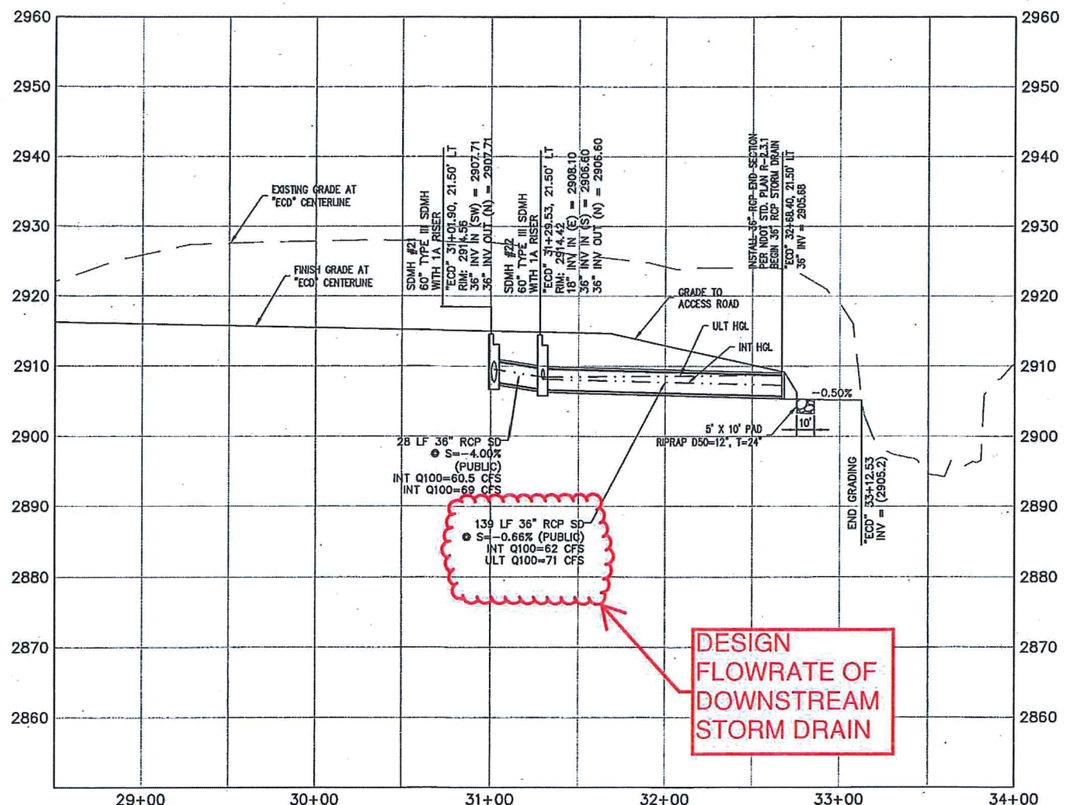
DATE: DEC. 2016
DRAFTER: CWB
DESIGNER: CWB
CHECKED: SOA
PROJECT NO. OLY1607.002

EXHIBIT E
SHEET 1 OF 1
####

I:\oly\1607-002 skye canyon parcel 2.16\drainage\technical study\addendum\figures\oly1607.002 tds exh e interim conditions.dwg 12/13/2016 4:30 PM Cameron Bencini

Pertinent Plan Profiles





STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1)
2. REMOVE EXISTING LATERAL STUB AND CONSTRUCT RCB PLUG (SEE DETAIL 5, DRAWING SD-25)
3. CONSTRUCT 60" TYPE I MANHOLE (USDCCA STD. DWG. NO. 403.1)
4. CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
5. CONSTRUCT 60" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
6. CONSTRUCT NDOT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
7. INSTALL 18" RCP OR WATER QUALITY C905 AS SHOWN ON PROFILES (USDCCA STD. DWG. NO. 503.2)
8. INSTALL 24" RCP OR WATER QUALITY C905 AS SHOWN ON PROFILES (USDCCA STD. DWG. NO. 503.2)
9. INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
10. INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
11. INSTALL 42" RCP (USDCCA STD. DWG NO. 503.2)
12. INSTALL 54" RCP (USDCCA STD. DWG. NO. 503.2)
13. INSTALL 60" RCP (USDCCA STD. DWG. NO. 503.2)
14. INSTALL 66" RCP (USDCCA STD. DWG. NO. 503.2)
15. INSTALL 18" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
16. INSTALL 24" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
17. INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
18. INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
19. INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
20. PIPE PENETRATION (SEE DETAIL 4, DRAWING SD-25)
21. CONSTRUCT CONCRETE COLLAR (SEE DETAIL 2, DRAWING SD-25)
22. CONSTRUCT BRICK AND MORTAR PLUG (SEE DETAIL 1, DRAWING SD-25)
23. INSTALL 48" RCP (USDCCA STD. DWG NO. 503.2)
24. INSTALL 48" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
25. INSTALL DRIVEWAY (USDCCA STD. DWG NO. 224)
26. CONSTRUCT TYPE "CM" DROP INLET (USDCCA STD. DWG. NO. 422)

NOTES

1. ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCB/RCA.
3. ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDCCA STD. DWG. NO. 421.
4. SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
5. ALL PIPES ARE PUBLICLY MAINTAINED.
6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.

APPROVED FOR CONSTRUCTION

LVVWD WILL HAVE TO BE PRESENT AND VIEW INSTALLATION OF STORM DRAIN THAT WILL BE INSTALLED THAT MAY AFFECT THE WATER MAINS

LVVWD ENGINEERING SERVICES MANAGER — DATE
PROJECT NO. 124566

DROP INLET NOTE

WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE:

CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS. BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND

(1) STORM DRAIN LATERAL # (SEE SHEETS SD-20 THRU SD-24)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4739A ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

JERRY SLATER, P.E. 14167 — DATE 12-15-16

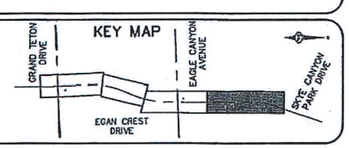
FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE "X" (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL:32003C1750E, DATED SEPTEMBER 27, 2002

NOTE:

PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

KEY MAP



SCALE 40 0 40 80 FEET

AVOID HITTING OVERHEAD POWER LINES AND EQUIPMENT
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CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 2
EGAN CREST STORM DRAIN PLAN AND PROFILE
"ECD" 28+50.00 TO "ECD" 34+00.00

DATE: 8/3/16
DRAFTER: JAS
DESIGNER: DAM
CHECKED: JSR

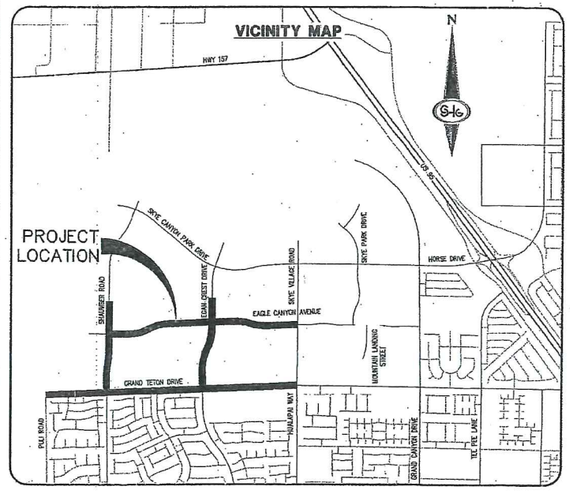
PROJECT NO.
OLY1501-001

PROFESSIONAL ENGINEER – STATE OF NEVADA – JERRY SLATER Exp. 6/30/2017 CIVIL No. 14167 — 12-15-16

SD-13
SHEET 16 OF 32

*REFERENCED FROM THE PARCEL 216 STUDY

MASS GRADING
FOR
SKYE CANYON//PHASE 2



BENCHMARK

MONUMENT ID: USDA (1934) 19

U.S. DEPARTMENT OF AGRICULTURE BRASS DISC AT SOUTHWEST CORNER OF U.S. 95 AND KYLE CANYON ROAD

ELEVATION = 2817.61 FEET, 858.810 METERS
NAVD 88 DATUM

PER THE CITY OF LAS VEGAS BENCHMARK BOOK – 2008 ADJUSTMENT (UPDATED 05/24/2010)

BASIS OF BEARING

SOUTH 00°22'12" WEST, BEING THE BEARING OF THE WEST LINE OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 6, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN FILE 151, PAGE 14 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

OWNER

SECTION 12 LLC
% OLYMPIA COMPANIES LLC
11411 SOUTHERN HIGHLANDS
PARKWAY, SUITE 300
LAS VEGAS, NV 89141

DEVELOPER

NINETY-FIVE MANAGEMENT LLC
% OLYMPIA COMPANIES LLC
11411 SOUTHERN HIGHLANDS
PARKWAY, SUITE 300
LAS VEGAS, NV 89141
PH (702) 220-6565
FX (702) 220-6566

ENGINEER

SLATER HANIFAN GROUP
5740 S. ARVILLE STREET #216
LAS VEGAS, NV 89118
(702) 284-5300

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Call before you Dig Avoid working underground utility lines. It's simple. Call 811
1-800-227-2600

APPROVALS

CITY ENGINEER–ALLEN E. PAVELKA PE #9029 — DATE 11-30-16

APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED OF RIGHT-OF-WAY, AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIALLY LISTED UNDER DEVIATIONS FORM STANDARDS. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STANDARDS IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, CLARK COUNTY AREA, NEVADA.

CHRIS KNIGHT, DIRECTOR, BUILDING AND SAFETY — DATE 11-21-16

THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT, ENGINEERING SERVICES MANAGER — DATE
PROJECT NO.-124566 DATE: 10/20/16
SHEETS: G-01 THRU G-03, SD-01 THRU SD-24

APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LAS VEGAS FIRE AND RESCUE — DATE 9/13/16

NV ENERGY — DATE 4-16-2016

NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

CENTRAL TELEPHONE CO, DBA CENTURYLINK — DATE 6/17/2016

THE AFFIXED CENTRAL TELEPHONE CO, DBA CENTURYLINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.

SOUTHWEST GAS — DATE 8-4-16

COX COMMUNICATIONS LAS VEGAS, INC. — DATE 6-22-16

INDEX OF DRAWINGS

SHT. NO.	DWG. NO.	DESCRIPTION
1	G-01	COVER SHEET
2	G-02	GENERAL NOTES
3	G-03	ABBREVIATIONS, KEY MAP, LEGEND AND QUANTITIES
4	SD-01	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 14+00.00 TO "GTD" 23+50.00
5	SD-02	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 23+50.00 TO "GTD" 33+00.00
6	SD-03	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 33+00.00 TO "GTD" 42+50.00
7	SD-04	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 42+50.00 TO "GTD" 52+00.00
8	SD-05	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 52+00.00 TO "GTD" 61+50.00
9	SD-06	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 61+50.00 TO "GTD" 71+00.00
10	SD-07	SHAUMBER ROAD STORM DRAIN PLAN AND PROFILE "SR" 8+00.00 TO "SR" 16+50.00
11	SD-08	SHAUMBER ROAD STORM DRAIN PLAN AND PROFILE "SR" 16+50.00 TO "SR" 25+50.00
12	SD-09	SHAUMBER ROAD STORM DRAIN PLAN AND PROFILE "SR" 25+50.00 TO "SR" 30+00.00
13	SD-10	EGAN CREST DRIVE STORM DRAIN PLAN AND PROFILE "ECD" 8+00.00 TO "ECD" 15+50.00
14	SD-11	EGAN CREST DRIVE STORM DRAIN PLAN AND PROFILE "ECD" 15+50.00 TO "ECD" 21+00.00
15	SD-12	EGAN CREST DRIVE STORM DRAIN PLAN AND PROFILE "ECD" 21+00.00 TO "ECD" 28+50.00
16	SD-13	EGAN CREST DRIVE STORM DRAIN PLAN AND PROFILE "ECD" 28+50.00 TO "ECD" 34+00.00
17	SD-14	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 25+00.00 TO "ECA" 33+00.00
18	SD-15	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 33+00.00 TO "ECA" 39+00.00
19	SD-16	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 39+00.00 TO "ECA" 47+00.00
20	SD-17	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 47+00.00 TO "ECA" 56+00.00
21	SD-18	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 56+00.00 TO "ECA" 63+00.00
22	SD-19	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 63+00.00 TO "ECA" 71+50.00
23	SD-20	STORM DRAIN LATERAL PROFILES
24	SD-21	STORM DRAIN LATERAL PROFILES
25	SD-22	STORM DRAIN LATERAL PROFILES
26	SD-23	STORM DRAIN LATERAL PROFILES
27	SD-24	STORM DRAIN LATERAL PROFILES
28	SD-25	STORM DRAIN DETAILS
29	SD-26	STORM DRAIN DETAILS
30	GR-01	GRADING PLAN 1
31	GR-02	GRADING PLAN 2
32	GR-03	GRADING PLAN 3
	S0.1	GENERAL STRUCTURAL NOTES
	S0.2	TYPICAL DETAILS
	S1.1	PLAN AND SECTION

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN	9-25-16	EA	10/20/16	

NINETY-FIVE MANAGEMENT LLC
SKYE CANYON//PHASE 2 MASS GRADE
COVER SHEET

DATE: 6/16/16
DRAFTER: JAS
DESIGNER: DAM
CHECKED: JSR
PROJECT NO.
OLY1501-001

PROFESSIONAL ENGINEER – STATE OF NEVADA – JERRY J. SLATER – No. 14161 – 06/16/2016 – CIVIL

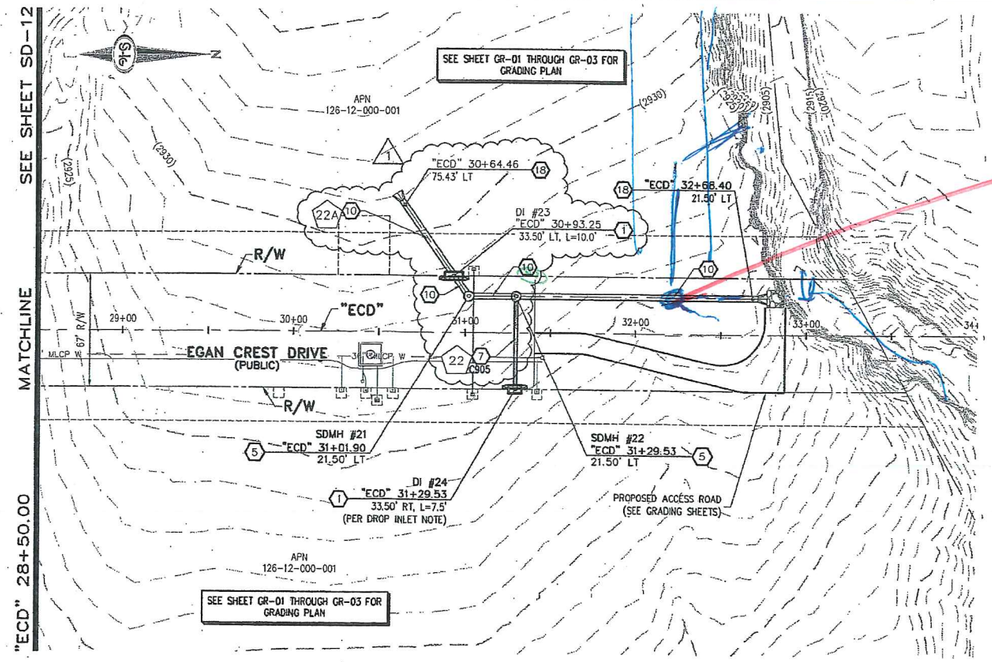
G-01
SHEET 1 OF 32

PROJ#:124566 QS:126-12-SW1

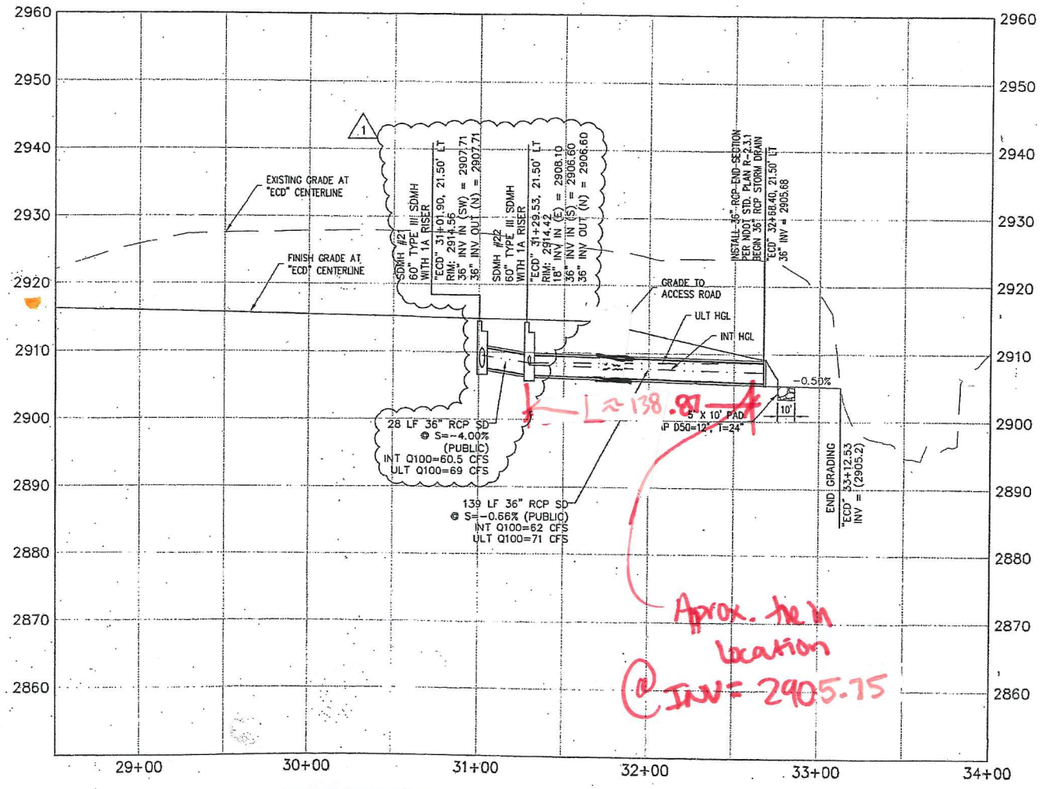
H=63875
107V6750

Derick D.J Yoro

G:\OLY01-001 Sky Cyn Ph2 Phase 2 presentation\drawings\plotting\G-01 Cover Sheet.dwg, 6/16/2016 12:57:07 PM, mayte



FACILITY P25 TIE IN



STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1)
2. REMOVE EXISTING LATERAL STUB AND CONSTRUCT RCB PLUG (SEE DETAIL 5, DRAWING SD-25)
3. CONSTRUCT 60" TYPE I MANHOLE (USDCCA STD. DWG. NO. 403.1)
4. CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
5. CONSTRUCT 60" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
6. CONSTRUCT NDOT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
7. INSTALL 18" RCP OR WATER QUALITY C905 AS SHOWN ON PROFILES (USDCCA STD. DWG. NO. 503.2)
8. INSTALL 24" RCP OR WATER QUALITY C905 AS SHOWN ON PROFILES (USDCCA STD. DWG. NO. 503.2)
9. INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
10. INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
11. INSTALL 42" RCP (USDCCA STD. DWG NO. 503.2)
12. INSTALL 54" RCP (USDCCA STD. DWG. NO. 503.2)
13. INSTALL 60" RCP (USDCCA STD. DWG. NO. 503.2)
14. INSTALL 66" RCP (USDCCA STD. DWG. NO. 503.2)
15. INSTALL 18" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
16. INSTALL 24" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
17. INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
18. INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
19. INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
20. PIPE PENETRATION (SEE DETAIL 4, DRAWING SD-25)
21. CONSTRUCT CONCRETE COLLAR (SEE DETAIL 2, DRAWING SD-25)
22. CONSTRUCT BRICK AND MORTAR PLUG (SEE DETAIL 1, DRAWING SD-25)
23. INSTALL 48" RCP (USDCCA STD. DWG NO. 503.2)
24. INSTALL 48" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
25. INSTALL DRIVEWAY (USDCCA STD. DWG NO. 224)
26. CONSTRUCT TYPE "CM" DROP INLET (USDCCA STD. DWG. NO. 422)

NOTES

1. ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCB/RCA.
3. ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDCCA STD. DWG. NO. 421.
4. SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
5. ALL PIPES ARE PUBLICLY MAINTAINED.
6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.

APPROVED FOR CONSTRUCTION

LVVWD WILL HAVE TO BE PRESENT AND VIEW INSTALLATION OF STORM DRAIN THAT WILL BE INSTALLED THAT MAY AFFECT THE WATER MAINS

1

I. SHAKIR, ER 10/16/17

LVVWD ENGINEERING SERVICES MANAGER — DATE

PROJECT NO. 124566 — 1ST APP'D 10/10/16

DROP INLET NOTE

WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE:

CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND

1 — STORM DRAIN LATERAL # (SEE SHEETS SD-20 THRU SD-24)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4739A ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

JERRY SLATER, P.E. 14167 — DATE 10.4.17

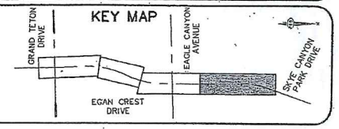
FLOOD ZONE

THIS PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE "X" (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL: 32003C1750E, DATED SEPTEMBER 27, 2002

NOTE:

PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

KEY MAP



40 0 40 80
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NO.	DESCRIPTION	DATE	BY	APP.
1	REVISED STORM DRAIN	8/2/17	JAS	APP.

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 2 MASS GRADING
EGAN CREST STORM DRAIN PLAN AND PROFILE
"ECD" 28+50.00 TO "ECD" 34+00.00

DATE: 8/3/16
DRAFTER: JAS
DESIGNER: DAM
CHECKED: JSR
PROJECT NO. OLY1501-001

PROFESSIONAL ENGINEER - STATE OF NEVADA - JERRY M. SLATER - No. 14167 - EXP. 06/30/2018 - CIVIL - 10.4.17

SD-13
SHEET 16 OF 32

PROJ.#:124566 QS:125-12SW

L-63875
107V 6750

APPENDIX J

Reference Material

Technical Drainage Study for Skye Canyon Detention Basin 1, by Slater Hanifan Group

Approval Letter

CITY OF LAS VEGAS
INTER-OFFICE MEMORANDUM

DATE: REVISED January 12, 2017
REVISED December 19, 2016
November 23, 2016

TO:
Land Development Services
Department of Building & Safety

FROM:
Albert Sung, P.E.
Flood Control Project Engineer
Department of Public Works

SUBJECT: Drainage Study for:
Skye Canyon – Detention Basin 1
Update #3 – Supplemental Final DB Plans

COPIES TO:
Slater Hanifan Group
Section 12 LLC/Ninety-Five Manag.
Bart Anderson, P.E., DevCo
CCRFCD
CCPW
NV Energy
Eddy Quaglieri, P.E., State of Nevada, Division of Water Resources - Dam Safety

Cross Streets:	NEC of Grand Teton Boulevard & Puli Road		
File Number:	F:\Depot\DSMemos\DS4698I- Revised.doc		
Parcel Number:	126-12-000-001		
Zoning Action:	Development Agreement		
FEMA Flood Zone	YES	NO X	
Proposed Storm Drain	YES X	NO	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1st Submittal	9/16/2014	10/23/2014	Not Approved	$400.00	370355: $400
2nd Submittal	12/24/2014	2/12/2015	Not Approved	$400.00	380976: $400
3rd Submittal	5/7/2015 & 6/01/2015	6/24/2015	Not Approved	$400.00	396675: $400
4th Submittal	10/28/201, 12/17/2015 & 1/11/2016	1/13/2016	Conditional Approval	$400.00	420475: $400
CCPW & CCRFCD	2/17/2016 & 3/1/2016	3/15/2016	Concurrence Recv'd	N/C	N/C
State of Nevada – DWR and NV Energy	5/16/2016 & 6/1/2016	6/1/2016	Approval	N/C	N/C
5th Submittal – UPDATE #1	8/8/2016	8/17/2016	Approval	$100.00	453987: $100
6th Submittal – UPDATE #2	8/16/2016, 10/10/2016 & 10/17/2016	10/19/2016	Conditional Approval	$400.00	455060: $100
7th Submittal – UPDATE #3	11/14/2016	11/23/2016	Conditional Approval	$100.00	465214: $100
7th Submittal – UPDATE #3 Revised & Supplemental	12/19/2016 & 1/05/2017	01/12/2016	Approval Concurrence from CCRFCD & State of Nevada – DWR Recv'd	N/C	N/C
			TOTAL FEES (LDDRS):	**$2,100.00**	----

REMARKS: State Dam Safety & CCRFCD approvals with Updated Plans.

7th Submittal is Update #3 and includes Supplemental Final Plans.

7th Submittal Revised Mass Grading Plans, No Protection for Phase 2. Mass Grading Excavation Only as per the Developers' request.

A Flood Control Master Plan Amendment (MPA) shall be updated to reflect the latest Master Plan for the Skye Canyon Development and approved by the City prior to submitting residential development plans outside of the shadow of protection from Detention Basin #1 and outside of the limits of the Phase 2 pods.

The Drainage Study for the subject project has been reviewed and:

X	is approved subject to conformance to all City standards and the following conditions:
	must be resubmitted or supplemented including the following:
	is conditionally approved subject to Clark County Regional Flood Control District concurrence.

	is conditionally approved subject to Clark County Public Works Department concurrence. Provide updated concurrence.
	is conditionally approved subject to State of Nevada, Division of Water Resources, Dam Safety concurrence.
	is conditionally approved subject to US Army Corps of Engineers, 404 Permit concurrence.

Detention Basin #1 is required to be substantially complete prior to the final inspection of the first Unit in Phase 2. No Certificate of Occupancy on the houses will be issued until after the detention basin has been accepted for Substantial Completion by the City.

The Detention Basin has been redesigned to eliminate the stepped spillway structure and increase the amount of fill placement downstream of the spillway to accommodate the Sheep Mountain Parkway (SMP) alignment and associated grading impacts. Portions of the Detention Basin have been regraded to reduce slope impacts. The outfall facility has been extended to the east past the SMP and discharges into a natural arroyo. The overall intent of the Detention Basin has been maintained and should function as intended.

1. Approval of the revised design of the Detention Basin has been provided by the *State of Nevada, Division of Water Resources Dam Safety (DWR)* dated January 5, 2017. The revised plans and specifications shall comply with all DWR requirements.

2. The Building Department has approved the updated structural plans as required prior to final approval of the drainage study and improvement plans.

3. The current design has identified the limits of the Proposed Drainage Easement and Future Detention Basin Dedication as Flood Control Right-of-Way. With the revised design impacts, the updated drainage easement exhibit is approved by Flood Control. The new easement has been submitted to the City as required, prior to permit approval. A copy of the Recorded Drainage Easement necessary for the Detention Basin and channel construction shall be provided. The Detention Basin shall be dedicated to the City of Las Vegas as Drainage Right-of-Way prior to acceptance of the facility for City Maintenance.

4. Updated concurrence from *NV Energy* has been provided based upon the revised design impacts of the proposed drainage facilities for *Detention Basin 1* within their existing 48-foot easements. Provide copies of the access easements necessary to replace access lost due to the revised plans prior to substantial completion of the Detention Basin.

5. The revised Detention Basin includes modifying a portion of the basin's slopes from 3:1 to a flatter 4:1 slope. All slopes steeper than 4:1 shall include the soil cement lining.

6. Provide a complete set of the revised *Plans and Project Specifications* for approval by the *City of Las Vegas*. Provide a copy of the updated Geotechnical Report for the detention basin that addresses the revised 4:1 slopes and the extended embankment fill downstream toward the proposed Sheep Mountain Parkway. Update the Structural Plans and Details to reflect the revised plans. The Structural Plans and Details shall be a part of the Civil Improvement Plan set. This project is considered as a *Capital Improvement Project* (CIP) with developer funding.

7. The revised channel improvements included increasing the channel depth to mitigate super-elevation and freeboard requirements. The revised channel depth is 5.50 feet.

8. The ***Skye Canyon Master Drainage Study*** must be fully approved and shall include the location of the Ultimate Facility conveyance to the downstream MPU facilities prior to the substantial completion of the *Skye Canyon Detention Basin 1.*

9. The connectivity of the outfall from Skye Canyon DB1 to a downstream Regional facility shall be addressed for the Ultimate Condition based upon the Overall Skye Canyon Master Plan. The City understands the concept of the proposed interim solution with the included storm drain plans for

Brent Lane that collect and route the long term discharge from DB1 into the existing storm drain at Brent & Skye Canyon; however the overall Master Plan facility connectivity needs to be finalized with the overall ***Skye Canyon Master Drainage Study*** and approved by the City of Las Vegas and CCRFCD prior to the substantial completion of the DB1 improvements.

10. The Clark County Regional Flood Control District's concurrence of the Update #2 for Skye Canyon Master Drainage Study included conditions that required modifications to the interim outfall facility. The interim outfall facility was extended west to US 95 and incorporated a sediment basin. The proposed interim outfall facility shows a storm drain extension at Brent Lane west to US 95 to convey the 70 cfs discharge from DB1, this is an acceptable concept. The Brent Lane storm drain extension has been included as a part of the Skye Canyon Detention Basin #1 Improvement Plan package and an updated estimate has been provided to include this storm drain and sediment basin as a part of the improvement bond.

11. The included Dam Failure Hazard Evaluation shall be expanded as a part of the required Emergency Action Plan (EAP) submittal. The flows used in Section 3 shall match the Dam Safety Permit # J-728 flow rate of 6,052 cfs. Review and revise accordingly. Flood Control recommends a review meeting to go over the EAP requirements and format prior to moving forward with the EAP process.

12. The subject ***Skye Canyon Detention Basin #1*** is a facility proposed in the approved MPA that covers the Skye Canyon Development. Future changes to the identified Master Plan facilities shall require further review and/or the submittal of an MPA based upon CCRFCD requirements.

13. A copy of the approved 404 Permit from the Army Corps of Engineers has been provided.

14. This proposed Detention Basin identifies a 10-foot buffer adjacent to the Red Rock Canyon National Conservation Area (RRCA), a critical area of no disturbance. No grading impacts are allowed to the RRCA and an appropriate buffer with block and cable fencing has been provided.

15. The intent of the Master Developer is to construct the Detention Basins with associated collection facilities as CCRFCD Master Plan facilities and to then dedicate them to the City of Las Vegas. The Detention Basins shall be dedicated to the City as *Flood Control Right-of-Way*. The proposed dedication should exclude the City's existing BLM Grant N-77772 area. The total area of the dedication shall be of sufficient size to meet the public operational needs and address expansion of the facility. The dedication needs to include the entire impact area of the dam construction as well as incorporate access and maintenance activities. The maintenance activities include staging for equipment and a temporary storage area for sediment removal.

16. The City understands that the limits of the Detention Basin Easement/Dedication may be reduced by a future Vacation request based upon future development grading impacts. The actual limits of any future vacation request shall be set based upon the City's approval of a Technical Drainage Study that addresses the impacts to the Detention Basin.

17. The westerly 76-feet of the site is encumbered with existing Nevada Power Grants and fiber optic Grants (N-57071, N-78122, and N-75351). This project proposes a 10-foot buffer from the Red Rock Canyon National Conservation Area boundary and provides for a new access road within the existing Power and fiber optic Grants.

18. The westerly access is being provided to service the existing Grants and is not the Flood Control access road. This area is however proposed to be included within the future dedication of the regional basin and therefore the responsibility for this maintenance by *NV Energy* and the owner of the fiber optic shall be provided.

19. All proposed improvements associated with *Detention Basin 1* shall be bonded and inspected. This project shall require Special Inspection. Coordinate the requirements of and the Agreements needed for Special Inspection with the Building Department.

20. The project proposes to build a temporary drainage facility. Prior to final plan approval the developer must complete a maintenance and liability agreement for the interim drainage improvements and post a minimum maintenance bond of $100,000 or 50-percent of the construction cost for the improvements, whichever is greater. The engineer must submit an estimate of the quantities for constructing the facility and an 8.5-inch by 11-inch exhibit that adequately shows the location and limit of the drainage facility to Flood Control for approval. Once the drainage study is conditionally approved, the engineer should contact the *City's Land Development Section* (229-6371) to begin the agreement process.

21. Prior to the adoption and acceptance of the detention basin as a regional facility by the *City of Las Vegas, Department of Public Works*, the proposed *Detention Basin 1* shall remain a private facility owned and maintained by the master developer.

22. Provide the legal description with an exhibit of the proposed detention basin to *City Right-of-Way Section* for the dedication as Flood Control Right-of-Way to the *City of Las Vegas* after final acceptance of the basin by the *City of Las Vegas, Department of Public Works.*

23. The detention basin will require the submittal and approval of an *Emergency Action Plan* (EAP) for this regional facility. The EAP format shall meet the City of Las Vegas submittal requirements for inclusion with our overall EAP. Contact Flood Control for sample format requirements. The EAP must be approved by the *City of Las Vegas* and then submitted and approved by the *State of Nevada, Division of Water Resources - Dam Safety* prior to the release of any improvement bonds for the related detention basin improvements. The bonded improvements shall include a line item for the EAP in the amount of $50,000.

24. The approved plans shall include the complete Specifications approved by DWR and the Building Department.

NOTE: Any future changes to the proposed design (or design assumptions) as outlined in the approved drainage study and attached preliminary grading plan which affect drainage must be addressed in a Drainage Study Update and accepted by the *City of Las Vegas Flood Control Section.* Additionally, conditional acceptance of a drainage study is valid for a period of one (1) year. If the proposed construction has not been completed in that time period, the *City of Las Vegas* reserves the right to require additional conditions and/or submission and acceptance of a complete drainage study update prior to further construction of a project.

NOTE: Please be advised that all land surface area disturbances over 1 acre or any area adjacent to a water way must submit to the *Nevada Division of Environmental Protection* a "Notice of Intent" to discharge that certifies a stormwater pollution prevention plan has been developed and is maintained on site; for inclusion in the Stormwater General Permit No. NVR100000. A phased construction unit in a contiguous subdivision is considered under construction until all stripped or disturbed surface areas have been covered by paving, building construction or planting. For more information, including forms and applications see http://ndep.nv.gov/bwpc/storm01.htm or call (775) 687-9429.

END OF REMARKS
AYS/PBJ

T/R/S: T19S/R59E/12
AREA F-12

Referenced Basins (HEC-1)

```
1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*             JUN  1998                 *
*           VERSION 4.1                 *
*                                       *
*  RUN DATE   07OCT16  TIME  08:39:49   *
*                                       *
*****************************************
```

```
*****************************************
*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*    HYDROLOGIC ENGINEERING CENTER      *
*         609 SECOND STREET             *
*       DAVIS, CALIFORNIA 95616         *
*           (916) 756-1104              *
*                                       *
*****************************************
```

```
X    X XXXXXXX  XXXXX         X
X    X X       X     X       XX
X    X X       X             X
XXXXXX XXXX    X       XXXXX X
X    X X       X             X
X    X X       X     X       X
X    X XXXXXXX  XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

1 HEC-1 INPUT

```
LINE      ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
   1      *DIAGRAM
   2      ID    SLATER HANIFAN GROUP
   3      ID    NINETY-FIVE HAHAGEMENT, LLC.
   4      ID    SKYE CANYON - DETENTION BASIN #1
   5      ID    UPDATE (SHEEP MOUNTAIN) - SUPPLEMENT
   6      ID    ULTIMATE DRAINAGE CONDITION
   7      ID
   8      ID    RETURN PERIOD -------- 100-YEAR
   9      ID    DISTRIBUTION -------- 6-HOUR SDN3
  10      ID    PROJECT NO. --------- OLY1401.004
  11      ID    FILENAME ------------ ULT1.H1
  12      ID    DATE ---------------- 10/7/2016
  13      ID    MODELED BY ---------- SMJ
  14      ID
  15      ID       SIX HOUR DEPTH-AREA REDUCTION FACTORS
  16      ID       DRAINAGE AREA (MI^2)     RATIO
  17      ID       0.0-0.49                 1.00
  18      ID       0.5-0.99                 0.98
  19      ID
  20      IT      5       0       0     500
  21      IO      5       0       0
  22      IN      5       0       0
  23      JR    PREC    1.00    0.98
  24      *
  25      KK    OFF1
  26      KM    EXISTING OFFSITE DRAINAGE BASIN
  27      KM    DISCHARGES INTO DETENTION BASIN "DB1"
  28      PB     3.00
  29      PC        0   0.020   0.057   0.070   0.087   0.108   0.124   0.130   0.130   0.130
  30      PC    0.130   0.130   0.130   0.133   0.140   0.142   0.148   0.158   0.172   0.181
  31      PC    0.190   0.197   0.199   0.200   0.201   0.204   0.214   0.229   0.241   0.249
  32      PC    0.251   0.256   0.270   0.278   0.281   0.283   0.295   0.322   0.352   0.409
  33      PC    0.499   0.590   0.710   0.744   0.781   0.812   0.819   0.835   0.851   0.856
  34      PC    0.860   0.868   0.876   0.888   0.910   0.926   0.937   0.950   0.970   0.976
  35      PC    0.982   0.985   0.987   0.989   0.990   0.993   0.993   0.994   0.995   0.998
  36      PC    0.998   0.999   1.000
  37      BA   .4072
  38      LS      0    87.6
  39      UD   0.354
  40      *
  41      KK    OFF7
  42      KM    FUTURE DEVELOPED OFFSITE DRAINAGE BASIN
  43      KM    DISCHARGES INTO DETENTION BASIN "DB1"
  44      BA   .0281
  45      LS      0    96.0
  46      UD   0.118
  47      *
```


1 HEC-1 INPUT

```
LINE      ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
  48      KK    CP2
  49      KM    COMBINE OFF1, OFF7
  50      HC       2
  51      *
  52      KK    OFF2
  53      KM    EXISTING OFFSITE DRAINAGE BASIN
  54      KM    DISCHARGES INTO DETENTION BASIN "DB1"
  55      BA   .0355
  56      LS      0    84.5
  57      UD   0.149
  58      *
  59      KK    OFF3
  60      KM    EXISTING OFFSITE DRAINAGE BASIN
  61      KM    DISCHARGES INTO DETENTION BASIN "DB1"
  62      BA   .0259
  63      LS      0    88.0
  64      UD   0.110
  65      *
  66      KK    CP1
  67      KM    COMBINE CP2, OFF2, AND OFF3
  68      HC       3
  69      *
  70      KK    OFF4
  71      KM    EXISTING OFFSITE DRAINAGE BASIN
  72      KM    DISCHARGES INTO DETENTION BASIN "DB1"
  73      BA   .0581
  74      LS      0    88.0
  75      UD   0.134
  76      *
  77      KK    OFF5
  78      KM    EXISTING OFFSITE DRAINAGE BASIN
  79      KM    DISCHARGES INTO DETENTION BASIN "DB1"
```

```
          71          BA   .2569
          72          LS      0    88.0
          73          UD  0.416
                      *

          74          KK    OFF6
          75          KM  EXISTING OFFSITE DRAINAGE BASIN
          76          KM  DISCHARGES INTO DETENTION BASIN "DB1"
          77          BA  .0399
          78          LS      0    88.0
          79          UD  0.118
                      *
```



```
1                                        HEC-1 INPUT

        LINE          ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

          80          KK    ON1
          81          KM  PROPOSED ONSITE DRAINAGE BASIN
          82          BA  .0261
          83          LS      0    94.0
          84          UD  0.115
                      *

          85          KK    DB1
          86          KM  COMBINE CP1, OFF4, OFF5, OFF6 AND ON1
          87          KO      1
          88          HC      5
                      *

          89          KK    RDB1
          90          KM  OUTLET = 24" ORIFICE @ INVERT ELEVATION = 3013.8-FT
          91          KO      1
          92          RS      1    ELEV  3025.5
          93          SA   4.58    5.63    5.81    6.00    6.19    6.77    7.17    7.37    7.61    8.31
          94          SE 3025.5    3027    3028    3029    3030    3033    3035    3036    3037    3040
          95          SQ   49.7    60.6    70.8    74.5  1436.0  3920.5  7136.3
          96          SE 3025.5    3030    3035    3037    3040    3043    3046
                      *
          97          ZZ
```

```
1                SCHEMATIC DIAGRAM OF STREAM NETWORK

 INPUT
 LINE       (V) ROUTING          (--->) DIVERSION OR PUMP FLOW
  NO.       (.) CONNECTOR        (<---) RETURN OF DIVERTED OR PUMPED FLOW

   23         OFF1
                .
                .
   38           .          OFF7
                .            .
                .            .
   44         CP2.............
                .
                .
   47           .          OFF2
                .            .
                .            .
   53           .            .        OFF3
                .            .          .
                .            .          .
   59         CP1.........................
                .
                .
   62           .          OFF4
                .            .
                .            .
   68           .            .        OFF5
                .            .          .
                .            .          .
   74           .            .          .        OFF6
                .            .          .          .
                .            .          .          .
   80           .            .          .          .          ON1
                .            .          .          .            .
                .            .          .          .            .
   85         DB1.....................................................
                V
                V
   89         RDB1

 (***) RUNOFF ALSO COMPUTED AT THIS LOCATION
```

```
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*         JUN  1998                    *
*       VERSION 4.1                    *
*                                      *
*  RUN DATE   07OCT16  TIME  08:39:49  *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*         609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616        *
*           (916) 756-1104             *
*                                      *
****************************************
```

SLATER HANIFAN GROUP
NINETY-FIVE MANAGEMENT, LLC.
SKYE CANYON - DETENTION BASIN #1
UPDATE (SHEEP MOUNTAIN) - SUPPLEMENT
ULTIMATE DRAINAGE CONDITION

RETURN PERIOD -------- 100-YEAR
DISTRIBUTION --------- 6-HOUR SDN3
PROJECT NO. ---------- OLY1401.004
FILENAME ------------- ULT1.H1
DATE ----------------- 10/7/2016
MODELED BY ----------- SMJ

SIX HOUR DEPTH-AREA REDUCTION FACTORS

DRAINAGE AREA (MI^2)	RATIO
0.0-0.49	1.00
0.5-0.99	0.98

```
   20 IO          OUTPUT CONTROL VARIABLES
                        IPRNT          5  PRINT CONTROL
                        IPLOT          0  PLOT CONTROL
                        QSCAL          0.  HYDROGRAPH PLOT SCALE

      IT          HYDROGRAPH TIME DATA
                        NMIN           5  MINUTES IN COMPUTATION INTERVAL
                       IDATE      1    0  STARTING DATE
                       ITIME         0000  STARTING TIME
                          NQ          500  NUMBER OF HYDROGRAPH ORDINATES
                       NDDATE     2    0  ENDING DATE
                       NDTIME        1735  ENDING TIME
                       ICENT           19  CENTURY MARK
```

```
                COMPUTATION INTERVAL      .08 HOURS
                   TOTAL TIME BASE    41.58 HOURS

        ENGLISH UNITS
             DRAINAGE AREA          SQUARE MILES
             PRECIPITATION DEPTH    INCHES
             LENGTH, ELEVATION      FEET
             FLOW                   CUBIC FEET PER SECOND
             STORAGE VOLUME         ACRE-FEET
             SURFACE AREA           ACRES
             TEMPERATURE            DEGREES FAHRENHEIT

    JP       MULTI-PLAN OPTION
                NPLAN           1  NUMBER OF PLANS

    JR       MULTI-RATIO OPTION
                RATIOS OF PRECIPITATION
               1.00      .98

*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


          **************
          *            *
 85 KK    *     DB1    *
          *            *
          **************

 87 KO       OUTPUT CONTROL VARIABLES
                IPRNT          1  PRINT CONTROL
                IPLOT          0  PLOT CONTROL
                QSCAL          0.  HYDROGRAPH PLOT SCALE

 88 HC       HYDROGRAPH COMBINATION
                ICOMP          5  NUMBER OF HYDROGRAPHS TO COMBINE
                                                        ***

*****************************************************************************************************************************************************

                                                HYDROGRAPH AT STATION      DB1
                                                   SUM OF  5 HYDROGRAPHS
                                                 PLAN 1,   RATIO =  1.00

*****************************************************************************************************************************************************

                                                                                                                                                    *
  DA MON HRMN   ORD      FLOW    *   DA MON HRMN   ORD      FLOW    *   DA MON HRMN   ORD      FLOW    *   DA MON HRMN   ORD      FLOW    *   DA MON HRMN   ORD      FLOW
                                 *                                  *                                  *                                  *
   1   0000    1        0.      *    1   1025  126        0.      *    1   2050  251        0.      *    2   0715  376        0.
   1   0005    2        0.      *    1   1030  127        0.      *    1   2055  252        0.      *    2   0720  377        0.
   1   0010    3        1.      *    1   1035  128        0.      *    1   2100  253        0.      *    2   0725  378        0.
   1   0015    4        2.      *    1   1040  129        0.      *    1   2105  254        0.      *    2   0730  379        0.
   1   0020    5        4.      *    1   1045  130        0.      *    1   2110  255        0.      *    2   0735  380        0.
   1   0025    6        8.      *    1   1050  131        0.      *    1   2115  256        0.      *    2   0740  381        0.
   1   0030    7       12.      *    1   1055  132        0.      *    1   2120  257        0.      *    2   0745  382        0.
   1   0035    8       14.      *    1   1100  133        0.      *    1   2125  258        0.      *    2   0750  383        0.
   1   0040    9       12.      *    1   1105  134        0.      *    1   2130  259        0.      *    2   0755  384        0.
   1   0045   10        9.      *    1   1110  135        0.      *    1   2135  260        0.      *    2   0800  385        0.
   1   0050   11        8.      *    1   1115  136        0.      *    1   2140  261        0.      *    2   0805  386        0.
   1   0055   12        6.      *    1   1120  137        0.      *    1   2145  262        0.      *    2   0810  387        0.
   1   0100   13        5.      *    1   1125  138        0.      *    1   2150  263        0.      *    2   0815  388        0.
   1   0105   14        5.      *    1   1130  139        0.      *    1   2155  264        0.      *    2   0820  389        0.
   1   0110   15        7.      *    1   1135  140        0.      *    1   2200  265        0.      *    2   0825  390        0.
   1   0115   16        8.      *    1   1140  141        0.      *    1   2205  266        0.      *    2   0830  391        0.
   1   0120   17       10.      *    1   1145  142        0.      *    1   2210  267        0.      *    2   0835  392        0.
   1   0125   18       14.      *    1   1150  143        0.      *    1   2215  268        0.      *    2   0840  393        0.
   1   0130   19       22.      *    1   1155  144        0.      *    1   2220  269        0.      *    2   0845  394        0.
   1   0135   20       31.      *    1   1200  145        0.      *    1   2225  270        0.      *    2   0850  395        0.
   1   0140   21       36.      *    1   1205  146        0.      *    1   2230  271        0.      *    2   0855  396        0.
   1   0145   22       41.      *    1   1210  147        0.      *    1   2235  272        0.      *    2   0900  397        0.
   1   0150   23       42.      *    1   1215  148        0.      *    1   2240  273        0.      *    2   0905  398        0.
   1   0155   24       38.      *    1   1220  149        0.      *    1   2245  274        0.      *    2   0910  399        0.
   1   0200   25       34.      *    1   1225  150        0.      *    1   2250  275        0.      *    2   0915  400        0.
   1   0205   26       30.      *    1   1230  151        0.      *    1   2255  276        0.      *    2   0920  401        0.
   1   0210   27       31.      *    1   1235  152        0.      *    1   2300  277        0.      *    2   0925  402        0.
   1   0215   28       40.      *    1   1240  153        0.      *    1   2305  278        0.      *    2   0930  403        0.
   1   0220   29       51.      *    1   1245  154        0.      *    1   2310  279        0.      *    2   0935  404        0.
   1   0225   30       59.      *    1   1250  155        0.      *    1   2315  280        0.      *    2   0940  405        0.
   1   0230   31       61.      *    1   1255  156        0.      *    1   2320  281        0.      *    2   0945  406        0.
   1   0235   32       59.      *    1   1300  157        0.      *    1   2325  282        0.      *    2   0950  407        0.
   1   0240   33       64.      *    1   1305  158        0.      *    1   2330  283        0.      *    2   0955  408        0.
   1   0245   34       72.      *    1   1310  159        0.      *    1   2335  284        0.      *    2   1000  409        0.
   1   0250   35       71.      *    1   1315  160        0.      *    1   2340  285        0.      *    2   1005  410        0.
   1   0255   36       65.      *    1   1320  161        0.      *    1   2345  286        0.      *    2   1010  411        0.
   1   0300   37       65.      *    1   1325  162        0.      *    1   2350  287        0.      *    2   1015  412        0.
   1   0305   38       84.      *    1   1330  163        0.      *    1   2355  288        0.      *    2   1020  413        0.
   1   0310   39      119.      *    1   1335  164        0.      *    2   0000  289        0.      *    2   1025  414        0.
   1   0315   40      179.      *    1   1340  165        0.      *    2   0005  290        0.      *    2   1030  415        0.
   1   0320   41      297.      *    1   1345  166        0.      *    2   0010  291        0.      *    2   1035  416        0.
   1   0325   42      460.      *    1   1350  167        0.      *    2   0015  292        0.      *    2   1040  417        0.
   1   0330   43      660.      *    1   1355  168        0.      *    2   0020  293        0.      *    2   1045  418        0.
   1   0335   44      810.      *    1   1400  169        0.      *    2   0025  294        0.      *    2   1050  419        0.
   1   0340   45      853.      *    1   1405  170        0.      *    2   0030  295        0.      *    2   1055  420        0.
   1   0345   46      861.      *    1   1410  171        0.      *    2   0035  296        0.      *    2   1100  421        0.
   1   0350   47      818.      *    1   1415  172        0.      *    2   0040  297        0.      *    2   1105  422        0.
   1   0355   48      729.      *    1   1420  173        0.      *    2   0045  298        0.      *    2   1110  423        0.
   1   0400   49      638.      *    1   1425  174        0.      *    2   0050  299        0.      *    2   1115  424        0.
   1   0405   50      539.      *    1   1430  175        0.      *    2   0055  300        0.      *    2   1120  425        0.
   1   0410   51      440.      *    1   1435  176        0.      *    2   0100  301        0.      *    2   1125  426        0.
   1   0415   52      361.      *    1   1440  177        0.      *    2   0105  302        0.      *    2   1130  427        0.
   1   0420   53      302.      *    1   1445  178        0.      *    2   0110  303        0.      *    2   1135  428        0.
   1   0425   54      261.      *    1   1450  179        0.      *    2   0115  304        0.      *    2   1140  429        0.
   1   0430   55      247.      *    1   1455  180        0.      *    2   0120  305        0.      *    2   1145  430        0.
   1   0435   56      249.      *    1   1500  181        0.      *    2   0125  306        0.      *    2   1150  431        0.
   1   0440   57      247.      *    1   1505  182        0.      *    2   0130  307        0.      *    2   1155  432        0.
   1   0445   58      244.      *    1   1510  183        0.      *    2   0135  308        0.      *    2   1200  433        0.
   1   0450   59      252.      *    1   1515  184        0.      *    2   0140  309        0.      *    2   1205  434        0.
   1   0455   60      254.      *    1   1520  185        0.      *    2   0145  310        0.      *    2   1210  435        0.
   1   0500   61      238.      *    1   1525  186        0.      *    2   0150  311        0.      *    2   1215  436        0.
   1   0505   62      214.      *    1   1530  187        0.      *    2   0155  312        0.      *    2   1220  437        0.
   1   0510   63      186.      *    1   1535  188        0.      *    2   0200  313        0.      *    2   1225  438        0.
   1   0515   64      158.      *    1   1540  189        0.      *    2   0205  314        0.      *    2   1230  439        0.
   1   0520   65      130.      *    1   1545  190        0.      *    2   0210  315        0.      *    2   1235  440        0.
   1   0525   66      106.      *    1   1550  191        0.      *    2   0215  316        0.      *    2   1240  441        0.
   1   0530   67       86.      *    1   1555  192        0.      *    2   0220  317        0.      *    2   1245  442        0.
   1   0535   68       68.      *    1   1600  193        0.      *    2   0225  318        0.      *    2   1250  443        0.
   1   0540   69       55.      *    1   1605  194        0.      *    2   0230  319        0.      *    2   1255  444        0.
   1   0545   70       47.      *    1   1610  195        0.      *    2   0235  320        0.      *    2   1300  445        0.
   1   0550   71       42.      *    1   1615  196        0.      *    2   0240  321        0.      *    2   1305  446        0.
   1   0555   72       35.      *    1   1620  197        0.      *    2   0245  322        0.      *    2   1310  447        0.
   1   0600   73       31.      *    1   1625  198        0.      *    2   0250  323        0.      *    2   1315  448        0.
   1   0605   74       27.      *    1   1630  199        0.      *    2   0255  324        0.      *    2   1320  449        0.
   1   0610   75       22.      *    1   1635  200        0.      *    2   0300  325        0.      *    2   1325  450        0.
   1   0615   76       17.      *    1   1640  201        0.      *    2   0305  326        0.      *    2   1330  451        0.
   1   0620   77       13.      *    1   1645  202        0.      *    2   0310  327        0.      *    2   1335  452        0.
   1   0625   78       10.      *    1   1650  203        0.      *    2   0315  328        0.      *    2   1340  453        0.
```

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1	0630	79	7.	*	1	1655	204	0.	*	2	0320	329	0.	*	2	1345	454	0.	
1	0635	80	5.	*	1	1700	205	0.	*	2	0325	330	0.	*	2	1350	455	0.	
1	0640	81	4.	*	1	1705	206	0.	*	2	0330	331	0.	*	2	1355	456	0.	
1	0645	82	3.	*	1	1710	207	0.	*	2	0335	332	0.	*	2	1400	457	0.	
1	0650	83	2.	*	1	1715	208	0.	*	2	0340	333	0.	*	2	1405	458	0.	
1	0655	84	1.	*	1	1720	209	0.	*	2	0345	334	0.	*	2	1410	459	0.	
1	0700	85	1.	*	1	1725	210	0.	*	2	0350	335	0.	*	2	1415	460	0.	
1	0705	86	1.	*	1	1730	211	0.	*	2	0355	336	0.	*	2	1420	461	0.	
1	0710	87	0.	*	1	1735	212	0.	*	2	0400	337	0.	*	2	1425	462	0.	
1	0715	88	0.	*	1	1740	213	0.	*	2	0405	338	0.	*	2	1430	463	0.	
1	0720	89	0.	*	1	1745	214	0.	*	2	0410	339	0.	*	2	1435	464	0.	
1	0725	90	0.	*	1	1750	215	0.	*	2	0415	340	0.	*	2	1440	465	0.	
1	0730	91	0.	*	1	1755	216	0.	*	2	0420	341	0.	*	2	1445	466	0.	
1	0735	92	0.	*	1	1800	217	0.	*	2	0425	342	0.	*	2	1450	467	0.	
1	0740	93	0.	*	1	1805	218	0.	*	2	0430	343	0.	*	2	1455	468	0.	
1	0745	94	0.	*	1	1810	219	0.	*	2	0435	344	0.	*	2	1500	469	0.	
1	0750	95	0.	*	1	1815	220	0.	*	2	0440	345	0.	*	2	1505	470	0.	
1	0755	96	0.	*	1	1820	221	0.	*	2	0445	346	0.	*	2	1510	471	0.	
1	0800	97	0.	*	1	1825	222	0.	*	2	0450	347	0.	*	2	1515	472	0.	
1	0805	98	0.	*	1	1830	223	0.	*	2	0455	348	0.	*	2	1520	473	0.	
1	0810	99	0.	*	1	1835	224	0.	*	2	0500	349	0.	*	2	1525	474	0.	
1	0815	100	0.	*	1	1840	225	0.	*	2	0505	350	0.	*	2	1530	475	0.	
1	0820	101	0.	*	1	1845	226	0.	*	2	0510	351	0.	*	2	1535	476	0.	
1	0825	102	0.	*	1	1850	227	0.	*	2	0515	352	0.	*	2	1540	477	0.	
1	0830	103	0.	*	1	1855	228	0.	*	2	0520	353	0.	*	2	1545	478	0.	
1	0835	104	0.	*	1	1900	229	0.	*	2	0525	354	0.	*	2	1550	479	0.	
1	0840	105	0.	*	1	1905	230	0.	*	2	0530	355	0.	*	2	1555	480	0.	
1	0845	106	0.	*	1	1910	231	0.	*	2	0535	356	0.	*	2	1600	481	0.	
1	0850	107	0.	*	1	1915	232	0.	*	2	0540	357	0.	*	2	1605	482	0.	
1	0855	108	0.	*	1	1920	233	0.	*	2	0545	358	0.	*	2	1610	483	0.	
1	0900	109	0.	*	1	1925	234	0.	*	2	0550	359	0.	*	2	1615	484	0.	
1	0905	110	0.	*	1	1930	235	0.	*	2	0555	360	0.	*	2	1620	485	0.	
1	0910	111	0.	*	1	1935	236	0.	*	2	0600	361	0.	*	2	1625	486	0.	
1	0915	112	0.	*	1	1940	237	0.	*	2	0605	362	0.	*	2	1630	487	0.	
1	0920	113	0.	*	1	1945	238	0.	*	2	0610	363	0.	*	2	1635	488	0.	
1	0925	114	0.	*	1	1950	239	0.	*	2	0615	364	0.	*	2	1640	489	0.	
1	0930	115	0.	*	1	1955	240	0.	*	2	0620	365	0.	*	2	1645	490	0.	
1	0935	116	0.	*	1	2000	241	0.	*	2	0625	366	0.	*	2	1650	491	0.	
1	0940	117	0.	*	1	2005	242	0.	*	2	0630	367	0.	*	2	1655	492	0.	
1	0945	118	0.	*	1	2010	243	0.	*	2	0635	368	0.	*	2	1700	493	0.	
1	0950	119	0.	*	1	2015	244	0.	*	2	0640	369	0.	*	2	1705	494	0.	
1	0955	120	0.	*	1	2020	245	0.	*	2	0645	370	0.	*	2	1710	495	0.	
1	1000	121	0.	*	1	2025	246	0.	*	2	0650	371	0.	*	2	1715	496	0.	
1	1005	122	0.	*	1	2030	247	0.	*	2	0655	372	0.	*	2	1720	497	0.	
1	1010	123	0.	*	1	2035	248	0.	*	2	0700	373	0.	*	2	1725	498	0.	
1	1015	124	0.	*	1	2040	249	0.	*	2	0705	374	0.	*	2	1730	499	0.	
1	1020	125	0.	*	1	2045	250	0.	*	2	0710	375	0.	*	2	1735	500	0.	

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	41.58-HR
(CFS)	(HR)	(CFS)			
861.	3.75	172.	43.	25.	25.
		(INCHES) 1.826	1.832	1.832	1.832
		(AC-FT) 85.	86.	86.	86.

CUMULATIVE AREA = .88 SQ MI

HYDROGRAPH AT STATION DB1
SUM OF 5 HYDROGRAPHS
PLAN 1, RATIO = .98

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1	0000	1	0.	*	1	1025	126	0.	*	1	2050	251	0.	*	2	0715	376	0.	
1	0005	2	0.	*	1	1030	127	0.	*	1	2055	252	0.	*	2	0720	377	0.	
1	0010	3	1.	*	1	1035	128	0.	*	1	2100	253	0.	*	2	0725	378	0.	
1	0015	4	2.	*	1	1040	129	0.	*	1	2105	254	0.	*	2	0730	379	0.	
1	0020	5	4.	*	1	1045	130	0.	*	1	2110	255	0.	*	2	0735	380	0.	
1	0025	6	7.	*	1	1050	131	0.	*	1	2115	256	0.	*	2	0740	381	0.	
1	0030	7	11.	*	1	1055	132	0.	*	1	2120	257	0.	*	2	0745	382	0.	
1	0035	8	13.	*	1	1100	133	0.	*	1	2125	258	0.	*	2	0750	383	0.	
1	0040	9	11.	*	1	1105	134	0.	*	1	2130	259	0.	*	2	0755	384	0.	
1	0045	10	8.	*	1	1110	135	0.	*	1	2135	260	0.	*	2	0800	385	0.	
1	0050	11	7.	*	1	1115	136	0.	*	1	2140	261	0.	*	2	0805	386	0.	
1	0055	12	6.	*	1	1120	137	0.	*	1	2145	262	0.	*	2	0810	387	0.	
1	0100	13	5.	*	1	1125	138	0.	*	1	2150	263	0.	*	2	0815	388	0.	
1	0105	14	4.	*	1	1130	139	0.	*	1	2155	264	0.	*	2	0820	389	0.	
1	0110	15	6.	*	1	1135	140	0.	*	1	2200	265	0.	*	2	0825	390	0.	
1	0115	16	8.	*	1	1140	141	0.	*	1	2205	266	0.	*	2	0830	391	0.	
1	0120	17	9.	*	1	1145	142	0.	*	1	2210	267	0.	*	2	0835	392	0.	
1	0125	18	13.	*	1	1150	143	0.	*	1	2215	268	0.	*	2	0840	393	0.	
1	0130	19	21.	*	1	1155	144	0.	*	1	2220	269	0.	*	2	0845	394	0.	
1	0135	20	29.	*	1	1200	145	0.	*	1	2225	270	0.	*	2	0850	395	0.	
1	0140	21	34.	*	1	1205	146	0.	*	1	2230	271	0.	*	2	0855	396	0.	
1	0145	22	39.	*	1	1210	147	0.	*	1	2235	272	0.	*	2	0900	397	0.	
1	0150	23	39.	*	1	1215	148	0.	*	1	2240	273	0.	*	2	0905	398	0.	
1	0155	24	36.	*	1	1220	149	0.	*	1	2245	274	0.	*	2	0910	399	0.	
1	0200	25	32.	*	1	1225	150	0.	*	1	2250	275	0.	*	2	0915	400	0.	
1	0205	26	29.	*	1	1230	151	0.	*	1	2255	276	0.	*	2	0920	401	0.	
1	0210	27	30.	*	1	1235	152	0.	*	1	2300	277	0.	*	2	0925	402	0.	
1	0215	28	38.	*	1	1240	153	0.	*	1	2305	278	0.	*	2	0930	403	0.	
1	0220	29	49.	*	1	1245	154	0.	*	1	2310	279	0.	*	2	0935	404	0.	
1	0225	30	56.	*	1	1250	155	0.	*	1	2315	280	0.	*	2	0940	405	0.	
1	0230	31	58.	*	1	1255	156	0.	*	1	2320	281	0.	*	2	0945	406	0.	
1	0235	32	57.	*	1	1300	157	0.	*	1	2325	282	0.	*	2	0950	407	0.	
1	0240	33	62.	*	1	1305	158	0.	*	1	2330	283	0.	*	2	0955	408	0.	
1	0245	34	69.	*	1	1310	159	0.	*	1	2335	284	0.	*	2	1000	409	0.	
1	0250	35	68.	*	1	1315	160	0.	*	1	2340	285	0.	*	2	1005	410	0.	
1	0255	36	62.	*	1	1320	161	0.	*	1	2345	286	0.	*	2	1010	411	0.	
1	0300	37	62.	*	1	1325	162	0.	*	1	2350	287	0.	*	2	1015	412	0.	
1	0305	38	81.	*	1	1330	163	0.	*	1	2355	288	0.	*	2	1020	413	0.	
1	0310	39	115.	*	1	1335	164	0.	*	2	0000	289	0.	*	2	1025	414	0.	
1	0315	40	173.	*	1	1340	165	0.	*	2	0005	290	0.	*	2	1030	415	0.	
1	0320	41	288.	*	1	1345	166	0.	*	2	0010	291	0.	*	2	1035	416	0.	
1	0325	42	446.	*	1	1350	167	0.	*	2	0015	292	0.	*	2	1040	417	0.	
1	0330	43	640.	*	1	1355	168	0.	*	2	0020	293	0.	*	2	1045	418	0.	
1	0335	44	787.	*	1	1400	169	0.	*	2	0025	294	0.	*	2	1050	419	0.	
1	0340	45	828.	*	1	1405	170	0.	*	2	0030	295	0.	*	2	1055	420	0.	
1	0345	46	837.	*	1	1410	171	0.	*	2	0035	296	0.	*	2	1100	421	0.	
1	0350	47	796.	*	1	1415	172	0.	*	2	0040	297	0.	*	2	1105	422	0.	
1	0355	48	709.	*	1	1420	173	0.	*	2	0045	298	0.	*	2	1110	423	0.	
1	0400	49	621.	*	1	1425	174	0.	*	2	0050	299	0.	*	2	1115	424	0.	
1	0405	50	525.	*	1	1430	175	0.	*	2	0055	300	0.	*	2	1120	425	0.	
1	0410	51	429.	*	1	1435	176	0.	*	2	0100	301	0.	*	2	1125	426	0.	
1	0415	52	351.	*	1	1440	177	0.	*	2	0105	302	0.	*	2	1130	427	0.	
1	0420	53	294.	*	1	1445	178	0.	*	2	0110	303	0.	*	2	1135	428	0.	
1	0425	54	255.	*	1	1450	179	0.	*	2	0115	304	0.	*	2	1140	429	0.	
1	0430	55	240.	*	1	1455	180	0.	*	2	0120	305	0.	*	2	1145	430	0.	
1	0435	56	242.	*	1	1500	181	0.	*	2	0125	306	0.	*	2	1150	431	0.	
1	0440	57	241.	*	1	1505	182	0.	*	2	0130	307	0.	*	2	1155	432	0.	
1	0445	58	238.	*	1	1510	183	0.	*	2	0135	308	0.	*	2	1200	433	0.	

1	0450	59	246.	*	1	1515	184	0.	*	2	0140	309	0.	*	2	1205	434	0.
1	0455	60	248.	*	1	1520	185	0.	*	2	0145	310	0.	*	2	1210	435	0.
1	0500	61	232.	*	1	1525	186	0.	*	2	0150	311	0.	*	2	1215	436	0.
1	0505	62	209.	*	1	1530	187	0.	*	2	0155	312	0.	*	2	1220	437	0.
1	0510	63	182.	*	1	1535	188	0.	*	2	0200	313	0.	*	2	1225	438	0.
1	0515	64	154.	*	1	1540	189	0.	*	2	0205	314	0.	*	2	1230	439	0.
1	0520	65	127.	*	1	1545	190	0.	*	2	0210	315	0.	*	2	1235	440	0.
1	0525	66	103.	*	1	1550	191	0.	*	2	0215	316	0.	*	2	1240	441	0.
1	0530	67	84.	*	1	1555	192	0.	*	2	0220	317	0.	*	2	1245	442	0.
1	0535	68	66.	*	1	1600	193	0.	*	2	0225	318	0.	*	2	1250	443	0.
1	0540	69	54.	*	1	1605	194	0.	*	2	0230	319	0.	*	2	1255	444	0.
1	0545	70	46.	*	1	1610	195	0.	*	2	0235	320	0.	*	2	1300	445	0.
1	0550	71	41.	*	1	1615	196	0.	*	2	0240	321	0.	*	2	1305	446	0.
1	0555	72	34.	*	1	1620	197	0.	*	2	0245	322	0.	*	2	1310	447	0.
1	0600	73	30.	*	1	1625	198	0.	*	2	0250	323	0.	*	2	1315	448	0.
1	0605	74	26.	*	1	1630	199	0.	*	2	0255	324	0.	*	2	1320	449	0.
1	0610	75	21.	*	1	1635	200	0.	*	2	0300	325	0.	*	2	1325	450	0.
1	0615	76	17.	*	1	1640	201	0.	*	2	0305	326	0.	*	2	1330	451	0.
1	0620	77	13.	*	1	1645	202	0.	*	2	0310	327	0.	*	2	1335	452	0.
1	0625	78	10.	*	1	1650	203	0.	*	2	0315	328	0.	*	2	1340	453	0.
1	0630	79	7.	*	1	1655	204	0.	*	2	0320	329	0.	*	2	1345	454	0.
1	0635	80	5.	*	1	1700	205	0.	*	2	0325	330	0.	*	2	1350	455	0.
1	0640	81	4.	*	1	1705	206	0.	*	2	0330	331	0.	*	2	1355	456	0.
1	0645	82	3.	*	1	1710	207	0.	*	2	0335	332	0.	*	2	1400	457	0.
1	0650	83	2.	*	1	1715	208	0.	*	2	0340	333	0.	*	2	1405	458	0.
1	0655	84	1.	*	1	1720	209	0.	*	2	0345	334	0.	*	2	1410	459	0.
1	0700	85	1.	*	1	1725	210	0.	*	2	0350	335	0.	*	2	1415	460	0.
1	0705	86	1.	*	1	1730	211	0.	*	2	0355	336	0.	*	2	1420	461	0.
1	0710	87	0.	*	1	1735	212	0.	*	2	0400	337	0.	*	2	1425	462	0.
1	0715	88	0.	*	1	1740	213	0.	*	2	0405	338	0.	*	2	1430	463	0.
1	0720	89	0.	*	1	1745	214	0.	*	2	0410	339	0.	*	2	1435	464	0.
1	0725	90	0.	*	1	1750	215	0.	*	2	0415	340	0.	*	2	1440	465	0.
1	0730	91	0.	*	1	1755	216	0.	*	2	0420	341	0.	*	2	1445	466	0.
1	0735	92	0.	*	1	1800	217	0.	*	2	0425	342	0.	*	2	1450	467	0.
1	0740	93	0.	*	1	1805	218	0.	*	2	0430	343	0.	*	2	1455	468	0.
1	0745	94	0.	*	1	1810	219	0.	*	2	0435	344	0.	*	2	1500	469	0.
1	0750	95	0.	*	1	1815	220	0.	*	2	0440	345	0.	*	2	1505	470	0.
1	0755	96	0.	*	1	1820	221	0.	*	2	0445	346	0.	*	2	1510	471	0.
1	0800	97	0.	*	1	1825	222	0.	*	2	0450	347	0.	*	2	1515	472	0.
1	0805	98	0.	*	1	1830	223	0.	*	2	0455	348	0.	*	2	1520	473	0.
1	0810	99	0.	*	1	1835	224	0.	*	2	0500	349	0.	*	2	1525	474	0.
1	0815	100	0.	*	1	1840	225	0.	*	2	0505	350	0.	*	2	1530	475	0.
1	0820	101	0.	*	1	1845	226	0.	*	2	0510	351	0.	*	2	1535	476	0.
1	0825	102	0.	*	1	1850	227	0.	*	2	0515	352	0.	*	2	1540	477	0.
1	0830	103	0.	*	1	1855	228	0.	*	2	0520	353	0.	*	2	1545	478	0.
1	0835	104	0.	*	1	1900	229	0.	*	2	0525	354	0.	*	2	1550	479	0.
1	0840	105	0.	*	1	1905	230	0.	*	2	0530	355	0.	*	2	1555	480	0.
1	0845	106	0.	*	1	1910	231	0.	*	2	0535	356	0.	*	2	1600	481	0.
1	0850	107	0.	*	1	1915	232	0.	*	2	0540	357	0.	*	2	1605	482	0.
1	0855	108	0.	*	1	1920	233	0.	*	2	0545	358	0.	*	2	1610	483	0.
1	0900	109	0.	*	1	1925	234	0.	*	2	0550	359	0.	*	2	1615	484	0.
1	0905	110	0.	*	1	1930	235	0.	*	2	0555	360	0.	*	2	1620	485	0.
1	0910	111	0.	*	1	1935	236	0.	*	2	0600	361	0.	*	2	1625	486	0.
1	0915	112	0.	*	1	1940	237	0.	*	2	0605	362	0.	*	2	1630	487	0.
1	0920	113	0.	*	1	1945	238	0.	*	2	0610	363	0.	*	2	1635	488	0.
1	0925	114	0.	*	1	1950	239	0.	*	2	0615	364	0.	*	2	1640	489	0.
1	0930	115	0.	*	1	1955	240	0.	*	2	0620	365	0.	*	2	1645	490	0.
1	0935	116	0.	*	1	2000	241	0.	*	2	0625	366	0.	*	2	1650	491	0.
1	0940	117	0.	*	1	2005	242	0.	*	2	0630	367	0.	*	2	1655	492	0.
1	0945	118	0.	*	1	2010	243	0.	*	2	0635	368	0.	*	2	1700	493	0.
1	0950	119	0.	*	1	2015	244	0.	*	2	0640	369	0.	*	2	1705	494	0.
1	0955	120	0.	*	1	2020	245	0.	*	2	0645	370	0.	*	2	1710	495	0.
1	1000	121	0.	*	1	2025	246	0.	*	2	0650	371	0.	*	2	1715	496	0.
1	1005	122	0.	*	1	2030	247	0.	*	2	0655	372	0.	*	2	1720	497	0.
1	1010	123	0.	*	1	2035	248	0.	*	2	0700	373	0.	*	2	1725	498	0.
1	1015	124	0.	*	1	2040	249	0.	*	2	0705	374	0.	*	2	1730	499	0.
1	1020	125	0.	*	1	2045	250	0.	*	2	0710	375	0.	*	2	1735	500	0.

****

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	41.58-HR
+ (CFS)	(HR)	(CFS)			
+ 837.	3.75	167.	42.	24.	24.
		(INCHES) 1.773	1.779	1.779	1.779
		(AC-FT) 83.	83.	83.	83.

CUMULATIVE AREA = .88 SQ MI

*** ***

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         **************
         *            *
89 KK    *     RD81   *
         *            *
         **************

91 KO        OUTPUT CONTROL VARIABLES
                   IPRNT        1  PRINT CONTROL
                   IPLOT        0  PLOT CONTROL
                   QSCAL       0.  HYDROGRAPH PLOT SCALE

           HYDROGRAPH ROUTING DATA

92 RS        STORAGE ROUTING
                   NSTPS        1  NUMBER OF SUBREACHES
                    ITYP     ELEV  TYPE OF INITIAL CONDITION
                  RSVRIC  3025.50  INITIAL CONDITION
                       X      .00 WORKING R AND D COEFFICIENT

93 SA            AREA        4.6      5.6      5.8      6.0      6.2      6.8      7.2      7.4      7.6      8.3

94 SE            ELEVATION 3025.50 3027.00  3028.00  3029.00  3030.00  3033.00  3035.00  3036.00  3037.00  3040.00

95 SQ            DISCHARGE     50.      61.      71.      75.    1436.    3921.    7136.

96 SE            ELEVATION 3025.50 3030.00  3035.00  3037.00  3040.00  3043.00  3046.00
                                                     ***

                                COMPUTED STORAGE-ELEVATION DATA

              STORAGE      .00     7.64    13.36    19.27    25.36    44.80    58.73    66.00    73.49    97.37
            ELEVATION  3025.50  3027.00  3028.00  3029.00  3030.00  3033.00  3035.00  3036.00  3037.00  3040.00

                           COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

              STORAGE      .00     7.64    13.36    19.27    25.36    44.80    58.73    66.00    73.49    97.37
              OUTFLOW    49.70    53.33    55.76    58.18    60.60    66.72    70.80    72.65    74.50  1436.00
            ELEVATION  3025.50  3027.00  3028.00  3029.00  3030.00  3033.00  3035.00  3036.00  3037.00  3040.00
```

STORAGE	123.39	151.64
OUTFLOW	3920.50	7136.30
ELEVATION	3043.00	3046.00

HYDROGRAPH AT STATION RDB1
PLAN 1, RATIO = 1.00

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	50.	.0	3025.5
1		0005	2	50.	-.2	3025.5
1		0010	3	50.	-.2	3025.5
1		0015	4	50.	-.2	3025.5
1		0020	5	50.	-.2	3025.5
1		0025	6	50.	-.2	3025.5
1		0030	7	50.	-.2	3025.5
1		0035	8	50.	-.2	3025.5
1		0040	9	50.	-.2	3025.5
1		0045	10	50.	-.2	3025.5
1		0050	11	50.	-.2	3025.5
1		0055	12	50.	-.2	3025.5
1		0100	13	50.	-.2	3025.5
1		0105	14	50.	-.2	3025.5
1		0110	15	50.	-.2	3025.5
1		0115	16	50.	-.2	3025.5
1		0120	17	50.	-.2	3025.5
1		0125	18	50.	-.2	3025.5
1		0130	19	50.	-.2	3025.5
1		0135	20	50.	-.2	3025.5
1		0140	21	50.	-.2	3025.5
1		0145	22	50.	-.2	3025.5
1		0150	23	50.	-.2	3025.5
1		0155	24	50.	-.2	3025.5
1		0200	25	50.	-.2	3025.5
1		0205	26	50.	-.2	3025.5
1		0210	27	50.	-.2	3025.5
1		0215	28	50.	-.2	3025.5
1		0220	29	50.	-.2	3025.5
1		0225	30	50.	-.1	3025.5
1		0230	31	50.	-.1	3025.5
1		0235	32	50.	.0	3025.5
1		0240	33	50.	.1	3025.5
1		0245	34	50.	.2	3025.5
1		0250	35	50.	.4	3025.6
1		0255	36	50.	.5	3025.6
1		0300	37	50.	.6	3025.6
1		0305	38	50.	.8	3025.6
1		0310	39	50.	1.1	3025.7
1		0315	40	51.	1.8	3025.9
1		0320	41	51.	3.1	3026.1
1		0325	42	52.	5.3	3026.5
1		0330	43	54.	8.8	3027.2
1		0335	44	56.	13.5	3028.0
1		0340	45	58.	18.8	3028.9
1		0345	46	60.	24.3	3029.8
1		0350	47	62.	29.7	3030.7
1		0355	48	64.	34.6	3031.4
1		0400	49	65.	38.9	3032.1
1		0405	50	66.	42.5	3032.6
1		0410	51	67.	45.4	3033.1
1		0415	52	68.	47.7	3033.4
1		0420	53	68.	49.5	3033.7
1		0425	54	69.	51.0	3033.9
1		0430	55	69.	52.2	3034.1
1		0435	56	69.	53.5	3034.2
1		0440	57	70.	54.7	3034.4
1		0445	58	70.	55.9	3034.6
1		0450	59	70.	57.1	3034.8
1		0455	60	71.	58.4	3034.9
1		0500	61	71.	59.6	3035.1
1		0505	62	71.	60.7	3035.3
1		0510	63	72.	61.5	3035.4
1		0515	64	72.	62.2	3035.5
1		0520	65	72.	62.7	3035.5
1		0525	66	72.	63.0	3035.6
1		0530	67	72.	63.2	3035.6
1		0535	68	72.	63.2	3035.6
1		0540	69	72.	63.2	3035.6
1		0545	70	72.	63.0	3035.6
1		0550	71	72.	62.8	3035.6
1		0555	72	72.	62.6	3035.5
1		0600	73	72.	62.3	3035.5
1		0605	74	72.	62.0	3035.5
1		0610	75	72.	61.7	3035.4
1		0615	76	71.	61.4	3035.4
1		0620	77	71.	61.0	3035.3
1		0625	78	71.	60.6	3035.3
1		0630	79	71.	60.1	3035.2
1		0635	80	71.	59.7	3035.1
1		0640	81	71.	59.2	3035.1
1		0645	82	71.	58.8	3035.0
1		0650	83	71.	58.3	3034.9
1		0655	84	71.	57.8	3034.9
1		0700	85	70.	57.3	3034.8
1		0705	86	70.	56.9	3034.7
1		0710	87	70.	56.4	3034.7
1		0715	88	70.	55.9	3034.6
1		0720	89	70.	55.4	3034.5
1		0725	90	70.	54.9	3034.5
1		0730	91	70.	54.5	3034.4
1		0735	92	69.	54.0	3034.3
1		0740	93	69.	53.5	3034.3
1		0745	94	69.	53.0	3034.2
1		0750	95	69.	52.6	3034.1
1		0755	96	69.	52.1	3034.0
1		0800	97	69.	51.6	3034.0
1		0805	98	69.	51.1	3033.9
1		0810	99	68.	50.7	3033.8
1		0815	100	68.	50.2	3033.8
1		0820	101	68.	49.7	3033.7
1		0825	102	68.	49.3	3033.6
1		0830	103	68.	48.8	3033.6
1		0835	104	68.	48.3	3033.5
1		0840	105	68.	47.9	3033.4
1		0845	106	67.	47.4	3033.4
1		0850	107	67.	46.9	3033.3
1		0855	108	67.	46.5	3033.2
1		0900	109	67.	46.0	3033.2
1		0905	110	67.	45.5	3033.1
1		0910	111	67.	45.1	3033.0
1		0915	112	67.	44.6	3033.0
1		0920	113	67.	44.2	3032.9
1		0925	114	66.	43.7	3032.8
1		0930	115	66.	43.3	3032.8
1		0935	116	66.	42.8	3032.7
1		1355	168	59.	20.4	3029.2
1		1400	169	58.	20.0	3029.1
1		1405	170	58.	19.6	3029.1
1		1410	171	58.	19.2	3029.0
1		1415	172	58.	18.8	3028.9
1		1420	173	58.	18.4	3028.9
1		1425	174	58.	18.0	3028.8
1		1430	175	58.	17.6	3028.7
1		1435	176	57.	17.2	3028.7
1		1440	177	57.	16.8	3028.6
1		1445	178	57.	16.4	3028.5
1		1450	179	57.	16.1	3028.5
1		1455	180	57.	15.7	3028.4
1		1500	181	57.	15.3	3028.3
1		1505	182	56.	14.9	3028.3
1		1510	183	56.	14.5	3028.2
1		1515	184	56.	14.1	3028.1
1		1520	185	56.	13.7	3028.1
1		1525	186	56.	13.3	3028.0
1		1530	187	56.	13.0	3027.9
1		1535	188	55.	12.6	3027.9
1		1540	189	55.	12.2	3027.8
1		1545	190	55.	11.8	3027.7
1		1550	191	55.	11.4	3027.7
1		1555	192	55.	11.1	3027.6
1		1600	193	55.	10.7	3027.5
1		1605	194	54.	10.3	3027.5
1		1610	195	54.	9.9	3027.4
1		1615	196	54.	9.6	3027.3
1		1620	197	54.	9.2	3027.3
1		1625	198	54.	8.8	3027.2
1		1630	199	54.	8.4	3027.1
1		1635	200	54.	8.1	3027.1
1		1640	201	53.	7.7	3027.0
1		1645	202	53.	7.3	3026.9
1		1650	203	53.	7.0	3026.9
1		1655	204	53.	6.6	3026.8
1		1700	205	53.	6.2	3026.7
1		1705	206	52.	5.9	3026.7
1		1710	207	52.	5.5	3026.6
1		1715	208	52.	5.2	3026.5
1		1720	209	52.	4.8	3026.4
1		1725	210	52.	4.4	3026.4
1		1730	211	52.	4.1	3026.3
1		1735	212	51.	3.7	3026.2
1		1740	213	51.	3.4	3026.2
1		1745	214	51.	3.0	3026.1
1		1750	215	51.	2.7	3026.0
1		1755	216	51.	2.3	3026.0
1		1800	217	51.	2.0	3025.9
1		1805	218	50.	1.6	3025.8
1		1810	219	50.	1.3	3025.8
1		1815	220	50.	.9	3025.7
1		1820	221	50.	.6	3025.6
1		1825	222	50.	.2	3025.5
1		1830	223	50.	-.1	3025.5
1		1835	224	50.	-.2	3025.5
1		1840	225	50.	-.2	3025.5
1		1845	226	50.	-.2	3025.5
1		1850	227	50.	-.2	3025.5
1		1855	228	50.	-.2	3025.5
1		1900	229	50.	-.2	3025.5
1		1905	230	50.	-.2	3025.5
1		1910	231	50.	-.2	3025.5
1		1915	232	50.	-.2	3025.5
1		1920	233	50.	-.2	3025.5
1		1925	234	50.	-.2	3025.5
1		1930	235	50.	-.2	3025.5
1		1935	236	50.	-.2	3025.5
1		1940	237	50.	-.2	3025.5
1		1945	238	50.	-.2	3025.5
1		1950	239	50.	-.2	3025.5
1		1955	240	50.	-.2	3025.5
1		2000	241	50.	-.2	3025.5
1		2005	242	50.	-.2	3025.5
1		2010	243	50.	-.2	3025.5
1		2015	244	50.	-.2	3025.5
1		2020	245	50.	-.2	3025.5
1		2025	246	50.	-.2	3025.5
1		2030	247	50.	-.2	3025.5
1		2035	248	50.	-.2	3025.5
1		2040	249	50.	-.2	3025.5
1		2045	250	50.	-.2	3025.5
1		2050	251	50.	-.2	3025.5
1		2055	252	50.	-.2	3025.5
1		2100	253	50.	-.2	3025.5
1		2105	254	50.	-.2	3025.5
1		2110	255	50.	-.2	3025.5
1		2115	256	50.	-.2	3025.5
1		2120	257	50.	-.2	3025.5
1		2125	258	50.	-.2	3025.5
1		2130	259	50.	-.2	3025.5
1		2135	260	50.	-.2	3025.5
1		2140	261	50.	-.2	3025.5
1		2145	262	50.	-.2	3025.5
1		2150	263	50.	-.2	3025.5
1		2155	264	50.	-.2	3025.5
1		2200	265	50.	-.2	3025.5
1		2205	266	50.	-.2	3025.5
1		2210	267	50.	-.2	3025.5
1		2215	268	50.	-.2	3025.5
1		2220	269	50.	-.2	3025.5
1		2225	270	50.	-.2	3025.5
1		2230	271	50.	-.2	3025.5
1		2235	272	50.	-.2	3025.5
1		2240	273	50.	-.2	3025.5
1		2245	274	50.	-.2	3025.5
1		2250	275	50.	-.2	3025.5
1		2255	276	50.	-.2	3025.5
1		2300	277	50.	-.2	3025.5
1		2305	278	50.	-.2	3025.5
1		2310	279	50.	-.2	3025.5
1		2315	280	50.	-.2	3025.5
1		2320	281	50.	-.2	3025.5
1		2325	282	50.	-.2	3025.5
1		2330	283	50.	-.2	3025.5
2		0350	335	50.	-.2	3025.5
2		0355	336	50.	-.2	3025.5
2		0400	337	50.	-.2	3025.5
2		0405	338	50.	-.2	3025.5
2		0410	339	50.	-.2	3025.5
2		0415	340	50.	-.2	3025.5
2		0420	341	50.	-.2	3025.5
2		0425	342	50.	-.2	3025.5
2		0430	343	50.	-.2	3025.5
2		0435	344	50.	-.2	3025.5
2		0440	345	50.	-.2	3025.5
2		0445	346	50.	-.2	3025.5
2		0450	347	50.	-.2	3025.5
2		0455	348	50.	-.2	3025.5
2		0500	349	50.	-.2	3025.5
2		0505	350	50.	-.2	3025.5
2		0510	351	50.	-.2	3025.5
2		0515	352	50.	-.2	3025.5
2		0520	353	50.	-.2	3025.5
2		0525	354	50.	-.2	3025.5
2		0530	355	50.	-.2	3025.5
2		0535	356	50.	-.2	3025.5
2		0540	357	50.	-.2	3025.5
2		0545	358	50.	-.2	3025.5
2		0550	359	50.	-.2	3025.5
2		0555	360	50.	-.2	3025.5
2		0600	361	50.	-.2	3025.5
2		0605	362	50.	-.2	3025.5
2		0610	363	50.	-.2	3025.5
2		0615	364	50.	-.2	3025.5
2		0620	365	50.	-.2	3025.5
2		0625	366	50.	-.2	3025.5
2		0630	367	50.	-.2	3025.5
2		0635	368	50.	-.2	3025.5
2		0640	369	50.	-.2	3025.5
2		0645	370	50.	-.2	3025.5
2		0650	371	50.	-.2	3025.5
2		0655	372	50.	-.2	3025.5
2		0700	373	50.	-.2	3025.5
2		0705	374	50.	-.2	3025.5
2		0710	375	50.	-.2	3025.5
2		0715	376	50.	-.2	3025.5
2		0720	377	50.	-.2	3025.5
2		0725	378	50.	-.2	3025.5
2		0730	379	50.	-.2	3025.5
2		0735	380	50.	-.2	3025.5
2		0740	381	50.	-.2	3025.5
2		0745	382	50.	-.2	3025.5
2		0750	383	50.	-.2	3025.5
2		0755	384	50.	-.2	3025.5
2		0800	385	50.	-.2	3025.5
2		0805	386	50.	-.2	3025.5
2		0810	387	50.	-.2	3025.5
2		0815	388	50.	-.2	3025.5
2		0820	389	50.	-.2	3025.5
2		0825	390	50.	-.2	3025.5
2		0830	391	50.	-.2	3025.5
2		0835	392	50.	-.2	3025.5
2		0840	393	50.	-.2	3025.5
2		0845	394	50.	-.2	3025.5
2		0850	395	50.	-.2	3025.5
2		0855	396	50.	-.2	3025.5
2		0900	397	50.	-.2	3025.5
2		0905	398	50.	-.2	3025.5
2		0910	399	50.	-.2	3025.5
2		0915	400	50.	-.2	3025.5
2		0920	401	50.	-.2	3025.5
2		0925	402	50.	-.2	3025.5
2		0930	403	50.	-.2	3025.5
2		0935	404	50.	-.2	3025.5
2		0940	405	50.	-.2	3025.5
2		0945	406	50.	-.2	3025.5
2		0950	407	50.	-.2	3025.5
2		0955	408	50.	-.2	3025.5
2		1000	409	50.	-.2	3025.5
2		1005	410	50.	-.2	3025.5
2		1010	411	50.	-.2	3025.5
2		1015	412	50.	-.2	3025.5
2		1020	413	50.	-.2	3025.5
2		1025	414	50.	-.2	3025.5
2		1030	415	50.	-.2	3025.5
2		1035	416	50.	-.2	3025.5
2		1040	417	50.	-.2	3025.5
2		1045	418	50.	-.2	3025.5
2		1050	419	50.	-.2	3025.5
2		1055	420	50.	-.2	3025.5
2		1100	421	50.	-.2	3025.5
2		1105	422	50.	-.2	3025.5
2		1110	423	50.	-.2	3025.5
2		1115	424	50.	-.2	3025.5
2		1120	425	50.	-.2	3025.5
2		1125	426	50.	-.2	3025.5
2		1130	427	50.	-.2	3025.5
2		1135	428	50.	-.2	3025.5
2		1140	429	50.	-.2	3025.5
2		1145	430	50.	-.2	3025.5
2		1150	431	50.	-.2	3025.5
2		1155	432	50.	-.2	3025.5
2		1200	433	50.	-.2	3025.5
2		1205	434	50.	-.2	3025.5
2		1210	435	50.	-.2	3025.5
2		1215	436	50.	-.2	3025.5
2		1220	437	50.	-.2	3025.5
2		1225	438	50.	-.2	3025.5
2		1230	439	50.	-.2	3025.5
2		1235	440	50.	-.2	3025.5
2		1240	441	50.	-.2	3025.5
2		1245	442	50.	-.2	3025.5
2		1250	443	50.	-.2	3025.5
2		1255	444	50.	-.2	3025.5
2		1300	445	50.	-.2	3025.5
2		1305	446	50.	-.2	3025.5
2		1310	447	50.	-.2	3025.5
2		1315	448	50.	-.2	3025.5
2		1320	449	50.	-.2	3025.5
2		1325	450	50.	-.2	3025.5

1	0940	117	66.	42.3	3032.6	*	1	2335	284	50.	-.2	3025.5	*	2	1330	451	50.	-.2	3025.5
1	0945	118	66.	41.9	3032.6	*	1	2340	285	50.	-.2	3025.5	*	2	1335	452	50.	-.2	3025.5
1	0950	119	66.	41.4	3032.5	*	1	2345	286	50.	-.2	3025.5	*	2	1340	453	50.	-.2	3025.5
1	0955	120	66.	41.0	3032.4	*	1	2350	287	50.	-.2	3025.5	*	2	1345	454	50.	-.2	3025.5
1	1000	121	65.	40.5	3032.3	*	1	2355	288	50.	-.2	3025.5	*	2	1350	455	50.	-.2	3025.5
1	1005	122	65.	40.1	3032.3	*	2	0000	289	50.	-.2	3025.5	*	2	1355	456	50.	-.2	3025.5
1	1010	123	65.	39.6	3032.2	*	2	0005	290	50.	-.2	3025.5	*	2	1400	457	50.	-.2	3025.5
1	1015	124	65.	39.2	3032.1	*	2	0010	291	50.	-.2	3025.5	*	2	1405	458	50.	-.2	3025.5
1	1020	125	65.	38.7	3032.1	*	2	0015	292	50.	-.2	3025.5	*	2	1410	459	50.	-.2	3025.5
1	1025	126	65.	38.3	3032.0	*	2	0020	293	50.	-.2	3025.5	*	2	1415	460	50.	-.2	3025.5
1	1030	127	65.	37.8	3031.9	*	2	0025	294	50.	-.2	3025.5	*	2	1420	461	50.	-.2	3025.5
1	1035	128	64.	37.4	3031.9	*	2	0030	295	50.	-.2	3025.5	*	2	1425	462	50.	-.2	3025.5
1	1040	129	64.	37.0	3031.8	*	2	0035	296	50.	-.2	3025.5	*	2	1430	463	50.	-.2	3025.5
1	1045	130	64.	36.5	3031.7	*	2	0040	297	50.	-.2	3025.5	*	2	1435	464	50.	-.2	3025.5
1	1050	131	64.	36.1	3031.7	*	2	0045	298	50.	-.2	3025.5	*	2	1440	465	50.	-.2	3025.5
1	1055	132	64.	35.6	3031.6	*	2	0050	299	50.	-.2	3025.5	*	2	1445	466	50.	-.2	3025.5
1	1100	133	64.	35.2	3031.5	*	2	0055	300	50.	-.2	3025.5	*	2	1450	467	50.	-.2	3025.5
1	1105	134	64.	34.8	3031.5	*	2	0100	301	50.	-.2	3025.5	*	2	1455	468	50.	-.2	3025.5
1	1110	135	63.	34.3	3031.4	*	2	0105	302	50.	-.2	3025.5	*	2	1500	469	50.	-.2	3025.5
1	1115	136	63.	33.9	3031.3	*	2	0110	303	50.	-.2	3025.5	*	2	1505	470	50.	-.2	3025.5
1	1120	137	63.	33.5	3031.2	*	2	0115	304	50.	-.2	3025.5	*	2	1510	471	50.	-.2	3025.5
1	1125	138	63.	33.0	3031.2	*	2	0120	305	50.	-.2	3025.5	*	2	1515	472	50.	-.2	3025.5
1	1130	139	63.	32.6	3031.1	*	2	0125	306	50.	-.2	3025.5	*	2	1520	473	50.	-.2	3025.5
1	1135	140	63.	32.2	3031.0	*	2	0130	307	50.	-.2	3025.5	*	2	1525	474	50.	-.2	3025.5
1	1140	141	63.	31.7	3031.0	*	2	0135	308	50.	-.2	3025.5	*	2	1530	475	50.	-.2	3025.5
1	1145	142	62.	31.3	3030.9	*	2	0140	309	50.	-.2	3025.5	*	2	1535	476	50.	-.2	3025.5
1	1150	143	62.	30.9	3030.8	*	2	0145	310	50.	-.2	3025.5	*	2	1540	477	50.	-.2	3025.5
1	1155	144	62.	30.4	3030.8	*	2	0150	311	50.	-.2	3025.5	*	2	1545	478	50.	-.2	3025.5
1	1200	145	62.	30.0	3030.7	*	2	0155	312	50.	-.2	3025.5	*	2	1550	479	50.	-.2	3025.5
1	1205	146	62.	29.6	3030.7	*	2	0200	313	50.	-.2	3025.5	*	2	1555	480	50.	-.2	3025.5
1	1210	147	62.	29.1	3030.6	*	2	0205	314	50.	-.2	3025.5	*	2	1600	481	50.	-.2	3025.5
1	1215	148	62.	28.7	3030.5	*	2	0210	315	50.	-.2	3025.5	*	2	1605	482	50.	-.2	3025.5
1	1220	149	62.	28.3	3030.5	*	2	0215	316	50.	-.2	3025.5	*	2	1610	483	50.	-.2	3025.5
1	1225	150	61.	27.9	3030.4	*	2	0220	317	50.	-.2	3025.5	*	2	1615	484	50.	-.2	3025.5
1	1230	151	61.	27.5	3030.3	*	2	0225	318	50.	-.2	3025.5	*	2	1620	485	50.	-.2	3025.5
1	1235	152	61.	27.0	3030.3	*	2	0230	319	50.	-.2	3025.5	*	2	1625	486	50.	-.2	3025.5
1	1240	153	61.	26.6	3030.2	*	2	0235	320	50.	-.2	3025.5	*	2	1630	487	50.	-.2	3025.5
1	1245	154	61.	26.2	3030.1	*	2	0240	321	50.	-.2	3025.5	*	2	1635	488	50.	-.2	3025.5
1	1250	155	61.	25.8	3030.1	*	2	0245	322	50.	-.2	3025.5	*	2	1640	489	50.	-.2	3025.5
1	1255	156	61.	25.4	3030.0	*	2	0250	323	50.	-.2	3025.5	*	2	1645	490	50.	-.2	3025.5
1	1300	157	60.	24.9	3029.9	*	2	0255	324	50.	-.2	3025.5	*	2	1650	491	50.	-.2	3025.5
1	1305	158	60.	24.5	3029.9	*	2	0300	325	50.	-.2	3025.5	*	2	1655	492	50.	-.2	3025.5
1	1310	159	60.	24.1	3029.8	*	2	0305	326	50.	-.2	3025.5	*	2	1700	493	50.	-.2	3025.5
1	1315	160	60.	23.7	3029.7	*	2	0310	327	50.	-.2	3025.5	*	2	1705	494	50.	-.2	3025.5
1	1320	161	60.	23.3	3029.7	*	2	0315	328	50.	-.2	3025.5	*	2	1710	495	50.	-.2	3025.5
1	1325	162	60.	22.9	3029.6	*	2	0320	329	50.	-.2	3025.5	*	2	1715	496	50.	-.2	3025.5
1	1330	163	59.	22.5	3029.5	*	2	0325	330	50.	-.2	3025.5	*	2	1720	497	50.	-.2	3025.5
1	1335	164	59.	22.1	3029.5	*	2	0330	331	50.	-.2	3025.5	*	2	1725	498	50.	-.2	3025.5
1	1340	165	59.	21.6	3029.4	*	2	0335	332	50.	-.2	3025.5	*	2	1730	499	50.	-.2	3025.5
1	1345	166	59.	21.2	3029.3	*	2	0340	333	50.	-.2	3025.5	*	2	1735	500	50.	-.2	3025.5
1	1350	167	59.	20.8	3029.3	*	2	0345	334	50.	-.2	3025.5	*						

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	41.58-HR
+ (CFS)	(HR)	(CFS)				
+ 72.	5.58		69.	58.	54.	54.
		(INCHES)	.733	2.445	3.988	3.988
		(AC-FT)	34.	114.	187.	187.

PEAK STORAGE	TIME		MAXIMUM AVERAGE STORAGE		
		6-HR	24-HR	72-HR	41.58-HR
+ (AC-FT)	(HR)				
63.	5.58	53.	21.	12.	12.

PEAK STAGE	TIME		MAXIMUM AVERAGE STAGE		
		6-HR	24-HR	72-HR	41.58-HR
+ (FEET)	(HR)				
3035.62	5.58	3034.23	3028.99	3027.52	3027.52

CUMULATIVE AREA = .88 SQ MI

HYDROGRAPH AT STATION RDB1
PLAN 1, RATIO = .98

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE		DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE		DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	0000		1	50.	.0	3025.5	*	1	1355		168	58.	18.7	3028.9	*	2	0350		335	50.	-.2	3025.5
1	0005		2	50.	-.2	3025.5	*	1	1400		169	58.	18.3	3028.8	*	2	0355		336	50.	-.2	3025.5
1	0010		3	50.	-.2	3025.5	*	1	1405		170	58.	17.9	3028.8	*	2	0400		337	50.	-.2	3025.5
1	0015		4	50.	-.2	3025.5	*	1	1410		171	57.	17.5	3028.7	*	2	0405		338	50.	-.2	3025.5
1	0020		5	50.	-.2	3025.5	*	1	1415		172	57.	17.1	3028.6	*	2	0410		339	50.	-.2	3025.5
1	0025		6	50.	-.2	3025.5	*	1	1420		173	57.	16.7	3028.6	*	2	0415		340	50.	-.2	3025.5
1	0030		7	50.	-.2	3025.5	*	1	1425		174	57.	16.3	3028.5	*	2	0420		341	50.	-.2	3025.5
1	0035		8	50.	-.2	3025.5	*	1	1430		175	57.	15.9	3028.4	*	2	0425		342	50.	-.2	3025.5
1	0040		9	50.	-.2	3025.5	*	1	1435		176	57.	15.5	3028.4	*	2	0430		343	50.	-.2	3025.5
1	0045		10	50.	-.2	3025.5	*	1	1440		177	56.	15.1	3028.3	*	2	0435		344	50.	-.2	3025.5
1	0050		11	50.	-.2	3025.5	*	1	1445		178	56.	14.7	3028.2	*	2	0440		345	50.	-.2	3025.5
1	0055		12	50.	-.2	3025.5	*	1	1450		179	56.	14.3	3028.2	*	2	0445		346	50.	-.2	3025.5
1	0100		13	50.	-.2	3025.5	*	1	1455		180	56.	13.9	3028.1	*	2	0450		347	50.	-.2	3025.5
1	0105		14	50.	-.2	3025.5	*	1	1500		181	56.	13.6	3028.0	*	2	0455		348	50.	-.2	3025.5
1	0110		15	50.	-.2	3025.5	*	1	1505		182	56.	13.2	3028.0	*	2	0500		349	50.	-.2	3025.5
1	0115		16	50.	-.2	3025.5	*	1	1510		183	56.	12.8	3027.9	*	2	0505		350	50.	-.2	3025.5
1	0120		17	50.	-.2	3025.5	*	1	1515		184	55.	12.4	3027.8	*	2	0510		351	50.	-.2	3025.5
1	0125		18	50.	-.2	3025.5	*	1	1520		185	55.	12.0	3027.8	*	2	0515		352	50.	-.2	3025.5
1	0130		19	50.	-.2	3025.5	*	1	1525		186	55.	11.7	3027.7	*	2	0520		353	50.	-.2	3025.5
1	0135		20	50.	-.2	3025.5	*	1	1530		187	55.	11.3	3027.6	*	2	0525		354	50.	-.2	3025.5
1	0140		21	50.	-.2	3025.5	*	1	1535		188	55.	10.9	3027.6	*	2	0530		355	50.	-.2	3025.5
1	0145		22	50.	-.2	3025.5	*	1	1540		189	55.	10.5	3027.5	*	2	0535		356	50.	-.2	3025.5
1	0150		23	50.	-.2	3025.5	*	1	1545		190	54.	10.1	3027.4	*	2	0540		357	50.	-.2	3025.5
1	0155		24	50.	-.2	3025.5	*	1	1550		191	54.	9.8	3027.4	*	2	0545		358	50.	-.2	3025.5
1	0200		25	50.	-.2	3025.5	*	1	1555		192	54.	9.4	3027.3	*	2	0550		359	50.	-.2	3025.5
1	0205		26	50.	-.2	3025.5	*	1	1600		193	54.	9.0	3027.2	*	2	0555		360	50.	-.2	3025.5
1	0210		27	50.	-.2	3025.5	*	1	1605		194	54.	8.7	3027.2	*	2	0600		361	50.	-.2	3025.5
1	0215		28	50.	-.2	3025.5	*	1	1610		195	54.	8.3	3027.1	*	2	0605		362	50.	-.2	3025.5
1	0220		29	50.	-.2	3025.5	*	1	1615		196	53.	7.9	3027.0	*	2	0610		363	50.	-.2	3025.5
1	0225		30	50.	-.2	3025.5	*	1	1620		197	53.	7.5	3027.0	*	2	0615		364	50.	-.2	3025.5
1	0230		31	50.	-.1	3025.5	*	1	1625		198	53.	7.2	3026.9	*	2	0620		365	50.	-.2	3025.5
1	0235		32	50.	.0	3025.5	*	1	1630		199	53.	6.8	3026.8	*	2	0625		366	50.	-.2	3025.5
1	0240		33	50.	.0	3025.5	*	1	1635		200	53.	6.5	3026.8	*	2	0630		367	50.	-.2	3025.5
1	0245		34	50.	.1	3025.5	*	1	1640		201	53.	6.1	3026.7	*	2	0635		368	50.	-.2	3025.5
1	0250		35	50.	.3	3025.6	*	1	1645		202	52.	5.7	3026.6	*	2	0640		369	50.	-.2	3025.5
1	0255		36	50.	.4	3025.6	*	1	1650		203	52.	5.4	3026.6	*	2	0645		370	50.	-.2	3025.5
1	0300		37	50.	.4	3025.6	*	1	1655		204	52.	5.0	3026.5	*	2	0650		371	50.	-.2	3025.5
1	0305		38	50.	.6	3025.6	*	1	1700		205	52.	4.7	3026.4	*	2	0655		372	50.	-.2	3025.5
1	0310		39	50.	.9	3025.7	*	1	1705		206	52.	4.3	3026.3	*	2	0700		373	50.	-.2	3025.5
1	0315		40	50.	1.6	3025.8	*	1	1710		207	52.	3.9	3026.3	*	2	0705		374	50.	-.2	3025.5
1	0320		41	51.	2.8	3026.1	*	1	1715		208	51.	3.6	3026.2	*	2	0710		375	50.	-.2	3025.5
1	0325		42	52.	5.0	3026.5	*	1	1720		209	51.	3.2	3026.1	*	2	0715		376	50.	-.2	3025.5
1	0330		43	54.	8.4	3027.1	*	1	1725		210	51.	2.9	3026.1	*	2	0720		377	50.	-.2	3025.5
1	0335		44	56.	12.9	3027.9	*	1	1730		211	51.	2.5	3026.0	*	2	0725		378	50.	-.2	3025.5
1	0340		45	58.	18.1	3028.8	*	1	1735		212	51.	2.2	3025.9	*	2	0730		379	50.	-.2	3025.5

1	0345	46	60.	23.4	3029.7	*	1	1740	213	51.	1.8	3025.9	*	2	0735	380	50.	-.2	3025.5
1	0350	47	62.	28.6	3030.5	*	1	1745	214	50.	1.5	3025.8	*	2	0740	381	50.	-.2	3025.5
1	0355	48	63.	33.4	3031.2	*	1	1750	215	50.	1.1	3025.7	*	2	0745	382	50.	-.2	3025.5
1	0400	49	64.	37.5	3031.9	*	1	1755	216	50.	.8	3025.7	*	2	0750	383	50.	-.2	3025.5
1	0405	50	66.	41.0	3032.4	*	1	1800	217	50.	.4	3025.6	*	2	0755	384	50.	-.2	3025.5
1	0410	51	66.	43.8	3032.8	*	1	1805	218	50.	.1	3025.5	*	2	0800	385	50.	-.2	3025.5
1	0415	52	67.	46.0	3033.2	*	1	1810	219	50.	-.2	3025.5	*	2	0805	386	50.	-.2	3025.5
1	0420	53	68.	47.8	3033.4	*	1	1815	220	50.	-.2	3025.5	*	2	0810	387	50.	-.2	3025.5
1	0425	54	68.	49.2	3033.6	*	1	1820	221	50.	-.2	3025.5	*	2	0815	388	50.	-.2	3025.5
1	0430	55	68.	50.5	3033.8	*	1	1825	222	50.	-.2	3025.5	*	2	0820	389	50.	-.2	3025.5
1	0435	56	69.	51.7	3034.0	*	1	1830	223	50.	-.2	3025.5	*	2	0825	390	50.	-.2	3025.5
1	0440	57	69.	52.8	3034.2	*	1	1835	224	50.	-.2	3025.5	*	2	0830	391	50.	-.2	3025.5
1	0445	58	69.	54.0	3034.3	*	1	1840	225	50.	-.2	3025.5	*	2	0835	392	50.	-.2	3025.5
1	0450	59	70.	55.2	3034.5	*	1	1845	226	50.	-.2	3025.5	*	2	0840	393	50.	-.2	3025.5
1	0455	60	70.	56.4	3034.7	*	1	1850	227	50.	-.2	3025.5	*	2	0845	394	50.	-.2	3025.5
1	0500	61	70.	57.6	3034.8	*	1	1855	228	50.	-.2	3025.5	*	2	0850	395	50.	-.2	3025.5
1	0505	62	71.	58.6	3035.0	*	1	1900	229	50.	-.2	3025.5	*	2	0855	396	50.	-.2	3025.5
1	0510	63	71.	59.5	3035.1	*	1	1905	230	50.	-.2	3025.5	*	2	0900	397	50.	-.2	3025.5
1	0515	64	71.	60.1	3035.2	*	1	1910	231	50.	-.2	3025.5	*	2	0905	398	50.	-.2	3025.5
1	0520	65	71.	60.6	3035.3	*	1	1915	232	50.	-.2	3025.5	*	2	0910	399	50.	-.2	3025.5
1	0525	66	71.	60.9	3035.3	*	1	1920	233	50.	-.2	3025.5	*	2	0915	400	50.	-.2	3025.5
1	0530	67	71.	61.1	3035.3	*	1	1925	234	50.	-.2	3025.5	*	2	0920	401	50.	-.2	3025.5
1	0535	68	71.	61.1	3035.3	*	1	1930	235	50.	-.2	3025.5	*	2	0925	402	50.	-.2	3025.5
1	0540	69	71.	61.0	3035.3	*	1	1935	236	50.	-.2	3025.5	*	2	0930	403	50.	-.2	3025.5
1	0545	70	71.	60.9	3035.3	*	1	1940	237	50.	-.2	3025.5	*	2	0935	404	50.	-.2	3025.5
1	0550	71	71.	60.7	3035.3	*	1	1945	238	50.	-.2	3025.5	*	2	0940	405	50.	-.2	3025.5
1	0555	72	71.	60.5	3035.2	*	1	1950	239	50.	-.2	3025.5	*	2	0945	406	50.	-.2	3025.5
1	0600	73	71.	60.2	3035.2	*	1	1955	240	50.	-.2	3025.5	*	2	0950	407	50.	-.2	3025.5
1	0605	74	71.	59.9	3035.2	*	1	2000	241	50.	-.2	3025.5	*	2	0955	408	50.	-.2	3025.5
1	0610	75	71.	59.6	3035.1	*	1	2005	242	50.	-.2	3025.5	*	2	1000	409	50.	-.2	3025.5
1	0615	76	71.	59.2	3035.1	*	1	2010	243	50.	-.2	3025.5	*	2	1005	410	50.	-.2	3025.5
1	0620	77	71.	58.8	3035.0	*	1	2015	244	50.	-.2	3025.5	*	2	1010	411	50.	-.2	3025.5
1	0625	78	71.	58.4	3035.0	*	1	2020	245	50.	-.2	3025.5	*	2	1015	412	50.	-.2	3025.5
1	0630	79	71.	58.0	3034.9	*	1	2025	246	50.	-.2	3025.5	*	2	1020	413	50.	-.2	3025.5
1	0635	80	70.	57.5	3034.8	*	1	2030	247	50.	-.2	3025.5	*	2	1025	414	50.	-.2	3025.5
1	0640	81	70.	57.1	3034.8	*	1	2035	248	50.	-.2	3025.5	*	2	1030	415	50.	-.2	3025.5
1	0645	82	70.	56.6	3034.7	*	1	2040	249	50.	-.2	3025.5	*	2	1035	416	50.	-.2	3025.5
1	0650	83	70.	56.2	3034.6	*	1	2045	250	50.	-.2	3025.5	*	2	1040	417	50.	-.2	3025.5
1	0655	84	70.	55.7	3034.6	*	1	2050	251	50.	-.2	3025.5	*	2	1045	418	50.	-.2	3025.5
1	0700	85	70.	55.2	3034.5	*	1	2055	252	50.	-.2	3025.5	*	2	1050	419	50.	-.2	3025.5
1	0705	86	70.	54.7	3034.4	*	1	2100	253	50.	-.2	3025.5	*	2	1055	420	50.	-.2	3025.5
1	0710	87	69.	54.3	3034.4	*	1	2105	254	50.	-.2	3025.5	*	2	1100	421	50.	-.2	3025.5
1	0715	88	69.	53.8	3034.3	*	1	2110	255	50.	-.2	3025.5	*	2	1105	422	50.	-.2	3025.5
1	0720	89	69.	53.3	3034.2	*	1	2115	256	50.	-.2	3025.5	*	2	1110	423	50.	-.2	3025.5
1	0725	90	69.	52.8	3034.2	*	1	2120	257	50.	-.2	3025.5	*	2	1115	424	50.	-.2	3025.5
1	0730	91	69.	52.4	3034.1	*	1	2125	258	50.	-.2	3025.5	*	2	1120	425	50.	-.2	3025.5
1	0735	92	69.	51.9	3034.0	*	1	2130	259	50.	-.2	3025.5	*	2	1125	426	50.	-.2	3025.5
1	0740	93	69.	51.4	3033.9	*	1	2135	260	50.	-.2	3025.5	*	2	1130	427	50.	-.2	3025.5
1	0745	94	69.	50.9	3033.9	*	1	2140	261	50.	-.2	3025.5	*	2	1135	428	50.	-.2	3025.5
1	0750	95	68.	50.5	3033.8	*	1	2145	262	50.	-.2	3025.5	*	2	1140	429	50.	-.2	3025.5
1	0755	96	68.	50.0	3033.7	*	1	2150	263	50.	-.2	3025.5	*	2	1145	430	50.	-.2	3025.5
1	0800	97	68.	49.5	3033.7	*	1	2155	264	50.	-.2	3025.5	*	2	1150	431	50.	-.2	3025.5
1	0805	98	68.	49.1	3033.6	*	1	2200	265	50.	-.2	3025.5	*	2	1155	432	50.	-.2	3025.5
1	0810	99	68.	48.6	3033.5	*	1	2205	266	50.	-.2	3025.5	*	2	1200	433	50.	-.2	3025.5
1	0815	100	68.	48.1	3033.5	*	1	2210	267	50.	-.2	3025.5	*	2	1205	434	50.	-.2	3025.5
1	0820	101	68.	47.7	3033.4	*	1	2215	268	50.	-.2	3025.5	*	2	1210	435	50.	-.2	3025.5
1	0825	102	67.	47.2	3033.3	*	1	2220	269	50.	-.2	3025.5	*	2	1215	436	50.	-.2	3025.5
1	0830	103	67.	46.7	3033.3	*	1	2225	270	50.	-.2	3025.5	*	2	1220	437	50.	-.2	3025.5
1	0835	104	67.	46.3	3033.2	*	1	2230	271	50.	-.2	3025.5	*	2	1225	438	50.	-.2	3025.5
1	0840	105	67.	45.8	3033.1	*	1	2235	272	50.	-.2	3025.5	*	2	1230	439	50.	-.2	3025.5
1	0845	106	67.	45.3	3033.1	*	1	2240	273	50.	-.2	3025.5	*	2	1235	440	50.	-.2	3025.5
1	0850	107	67.	44.9	3033.0	*	1	2245	274	50.	-.2	3025.5	*	2	1240	441	50.	-.2	3025.5
1	0855	108	67.	44.4	3032.9	*	1	2250	275	50.	-.2	3025.5	*	2	1245	442	50.	-.2	3025.5
1	0900	109	66.	44.0	3032.9	*	1	2255	276	50.	-.2	3025.5	*	2	1250	443	50.	-.2	3025.5
1	0905	110	66.	43.5	3032.8	*	1	2300	277	50.	-.2	3025.5	*	2	1255	444	50.	-.2	3025.5
1	0910	111	66.	43.1	3032.7	*	1	2305	278	50.	-.2	3025.5	*	2	1300	445	50.	-.2	3025.5
1	0915	112	66.	42.6	3032.7	*	1	2310	279	50.	-.2	3025.5	*	2	1305	446	50.	-.2	3025.5
1	0920	113	66.	42.1	3032.6	*	1	2315	280	50.	-.2	3025.5	*	2	1310	447	50.	-.2	3025.5
1	0925	114	66.	41.7	3032.5	*	1	2320	281	50.	-.2	3025.5	*	2	1315	448	50.	-.2	3025.5
1	0930	115	66.	41.2	3032.5	*	1	2325	282	50.	-.2	3025.5	*	2	1320	449	50.	-.2	3025.5
1	0935	116	65.	40.8	3032.4	*	1	2330	283	50.	-.2	3025.5	*	2	1325	450	50.	-.2	3025.5
1	0940	117	65.	40.3	3032.3	*	1	2335	284	50.	-.2	3025.5	*	2	1330	451	50.	-.2	3025.5
1	0945	118	65.	39.9	3032.2	*	1	2340	285	50.	-.2	3025.5	*	2	1335	452	50.	-.2	3025.5
1	0950	119	65.	39.4	3032.2	*	1	2345	286	50.	-.2	3025.5	*	2	1340	453	50.	-.2	3025.5
1	0955	120	65.	39.0	3032.1	*	1	2350	287	50.	-.2	3025.5	*	2	1345	454	50.	-.2	3025.5
1	1000	121	65.	38.5	3032.0	*	1	2355	288	50.	-.2	3025.5	*	2	1350	455	50.	-.2	3025.5
1	1005	122	65.	38.1	3032.0	*	2	0000	289	50.	-.2	3025.5	*	2	1355	456	50.	-.2	3025.5
1	1010	123	64.	37.7	3031.9	*	2	0005	290	50.	-.2	3025.5	*	2	1400	457	50.	-.2	3025.5
1	1015	124	64.	37.2	3031.8	*	2	0010	291	50.	-.2	3025.5	*	2	1405	458	50.	-.2	3025.5
1	1020	125	64.	36.8	3031.8	*	2	0015	292	50.	-.2	3025.5	*	2	1410	459	50.	-.2	3025.5
1	1025	126	64.	36.3	3031.7	*	2	0020	293	50.	-.2	3025.5	*	2	1415	460	50.	-.2	3025.5
1	1030	127	64.	35.9	3031.6	*	2	0025	294	50.	-.2	3025.5	*	2	1420	461	50.	-.2	3025.5
1	1035	128	64.	35.5	3031.6	*	2	0030	295	50.	-.2	3025.5	*	2	1425	462	50.	-.2	3025.5
1	1040	129	64.	35.0	3031.5	*	2	0035	296	50.	-.2	3025.5	*	2	1430	463	50.	-.2	3025.5
1	1045	130	64.	34.6	3031.4	*	2	0040	297	50.	-.2	3025.5	*	2	1435	464	50.	-.2	3025.5
1	1050	131	63.	34.1	3031.4	*	2	0045	298	50.	-.2	3025.5	*	2	1440	465	50.	-.2	3025.5
1	1055	132	63.	33.7	3031.3	*	2	0050	299	50.	-.2	3025.5	*	2	1445	466	50.	-.2	3025.5
1	1100	133	63.	33.3	3031.2	*	2	0055	300	50.	-.2	3025.5	*	2	1450	467	50.	-.2	3025.5
1	1105	134	63.	32.8	3031.2	*	2	0100	301	50.	-.2	3025.5	*	2	1455	468	50.	-.2	3025.5
1	1110	135	63.	32.4	3031.1	*	2	0105	302	50.	-.2	3025.5	*	2	1500	469	50.	-.2	3025.5
1	1115	136	63.	32.0	3031.0	*	2	0110	303	50.	-.2	3025.5	*	2	1505	470	50.	-.2	3025.5
1	1120	137	63.	31.5	3031.0	*	2	0115	304	50.	-.2	3025.5	*	2	1510	471	50.	-.2	3025.5
1	1125	138	62.	31.1	3030.9	*	2	0120	305	50.	-.2	3025.5	*	2	1515	472	50.	-.2	3025.5
1	1130	139	62.	30.7	3030.8	*	2	0125	306	50.	-.2	3025.5	*	2	1520	473	50.	-.2	3025.5
1	1135	140	62.	30.2	3030.8	*	2	0130	307	50.	-.2	3025.5	*	2	1525	474	50.	-.2	3025.5
1	1140	141	62.	29.8	3030.7	*	2	0135	308	50.	-.2	3025.5	*	2	1530	475	50.	-.2	3025.5
1	1145	142	62.	29.4	3030.6	*	2	0140	309	50.	-.2	3025.5	*	2	1535	476	50.	-.2	3025.5
1	1150	143	62.	29.0	3030.6	*	2	0145	310	50.	-.2	3025.5	*	2	1540	477	50.	-.2	3025.5
1	1155	144	62.	28.5	3030.5	*	2	0150	311	50.	-.2	3025.5	*	2	1545	478	50.	-.2	3025.5
1	1200	145	61.	28.1	3030.4	*	2	0155	312	50.	-.2	3025.5	*	2	1550	479	50.	-.2	3025.5
1	1205	146	61.	27.7	3030.4	*	2	0200	313	50.	-.2	3025.5	*	2	1555	480	50.	-.2	3025.5
1	1210	147	61.	27.3	3030.3	*	2	0205	314	50.	-.2	3025.5	*	2	1600	481	50.	-.2	3025.5
1	1215	148	61.	26.9	3030.2	*	2	0210	315	50.	-.2	3025.5	*	2	1605	482	50.	-.2	3025.5
1	1220	149	61.	26.4	3030.2	*	2	0215	316	50.	-.2	3025.5	*	2	1610	483	50.	-.2	3025.5
1	1225	150	61.	26.0	3030.1	*	2	0220	317	50.	-.2	3025.5	*	2	1615	484	50.	-.2	3025.5
1	1230	151	61.	25.6	3030.0	*	2	0225	318	50.	-.2	3025.5	*	2	1620	485	50.	-.2	3025.5
1	1235	152	61.	25.2	3030.0	*	2	0230	319	50.	-.2	3025.5	*	2	1625	486	50.	-.2	3025.5
1	1240	153	60.	24.8	3029.9	*	2	0235	320	50.	-.2	3025.5	*	2	1630	487	50.	-.2	3025.5
1	1245	154	60.	24.3	3029.8	*	2	0240	321	50.	-.2	3025.5	*	2	1635	488	50.	-.2	3025.5
1	1250	155	60.	23.9	3029.8	*	2	0245	322	50.	-.2	3025.5	*	2	1640	489	50.	-.2	3025.5
1	1255	156	60.	23.5	3029.7	*	2	0250	323	50.	-.2	3025.5	*	2	1645	490	50.	-.2	3025.5
1	1300	157	60.	23.1	3029.6	*	2	0255	324	50.	-.2	3025.5	*	2	1650	491	50.	-.2	3025.5
1	1305	158	60.	22.7	3029.6	*	2	0300	325	50.	-.2	3025.5	*	2	1655	492	50.	-.2	3025.5
1	1310	159	59.	22.3	3029.5	*	2	0305	326	50.	-.2	3025.5	*	2	1700	493	50.	-.2	3025.5
1	1315	160	59.	21.9	3029.4	*	2	0310	327	50.	-.2	3025.5	*	2	1705	494	50.	-.2	3025.5
1	1320	161	59.	21.5	3029.4	*	2	0315	328	50.	-.2	3025.5	*	2	1710	495	50.	-.2	3025.5
1	1325	162	59.	21.1	3029.3	*	2	0320	329	50.	-.2	3025.5	*	2	1715	496	50.	-.2	3025.5
1	1330	163	59.	20.7	3029.2	*	2	0325	330	50.	-.2	3025.5	*	2	1720	497	50.	-.2	3025.5
1	1335	164	59.	20.3	3029.2	*	2	0330	331	50.	-.2	3025.5	*	2	1725	498	50.	-.2	3025.5
1	1340	165	58.	19.9	3029.1	*	2	0335	332	50.	-.2	3025.5	*	2	1730	499	50.	-.2	3025.5
1	1345	166	58.	19.5	3029.0	*	2	0340	333	50.	-.2	3025.5	*	2	1735	500	50.	-.2	3025.5
1	1350	167	58.	19.1	3029.0	*	2	0345	334	50.	-.2	3025.5	*						

****

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW				
		6-HR	24-HR	72-HR	41.58-HR	
+ (CFS)	(HR)	(CFS)				

+	71.	5.58		69.	57.	54.	54.
			(INCHES)	.727	2.428	3.971	3.971
			(AC-FT)	34.	114.	186.	186.

	PEAK STORAGE	TIME		MAXIMUM AVERAGE STORAGE			
			6-HR	24-HR	72-HR	41.58-HR	
+	(AC-FT)	(HR)					
	61.	5.58	51.	20.	11.	11.	

	PEAK STAGE	TIME		MAXIMUM AVERAGE STAGE			
			6-HR	24-HR	72-HR	41.58-HR	
+	(FEET)	(HR)					
	3035.33	5.58	3033.93	3028.81	3027.41	3027.41	

CUMULATIVE AREA = .88 SQ MI

1

PEAK FLOW AND STAGE (END-OF-PERIOD) SUMMARY FOR MULTIPLE PLAN-RATIO ECONOMIC COMPUTATIONS
FLOWS IN CUBIC FEET PER SECOND, AREA IN SQUARE MILES
TIME TO PEAK IN HOURS

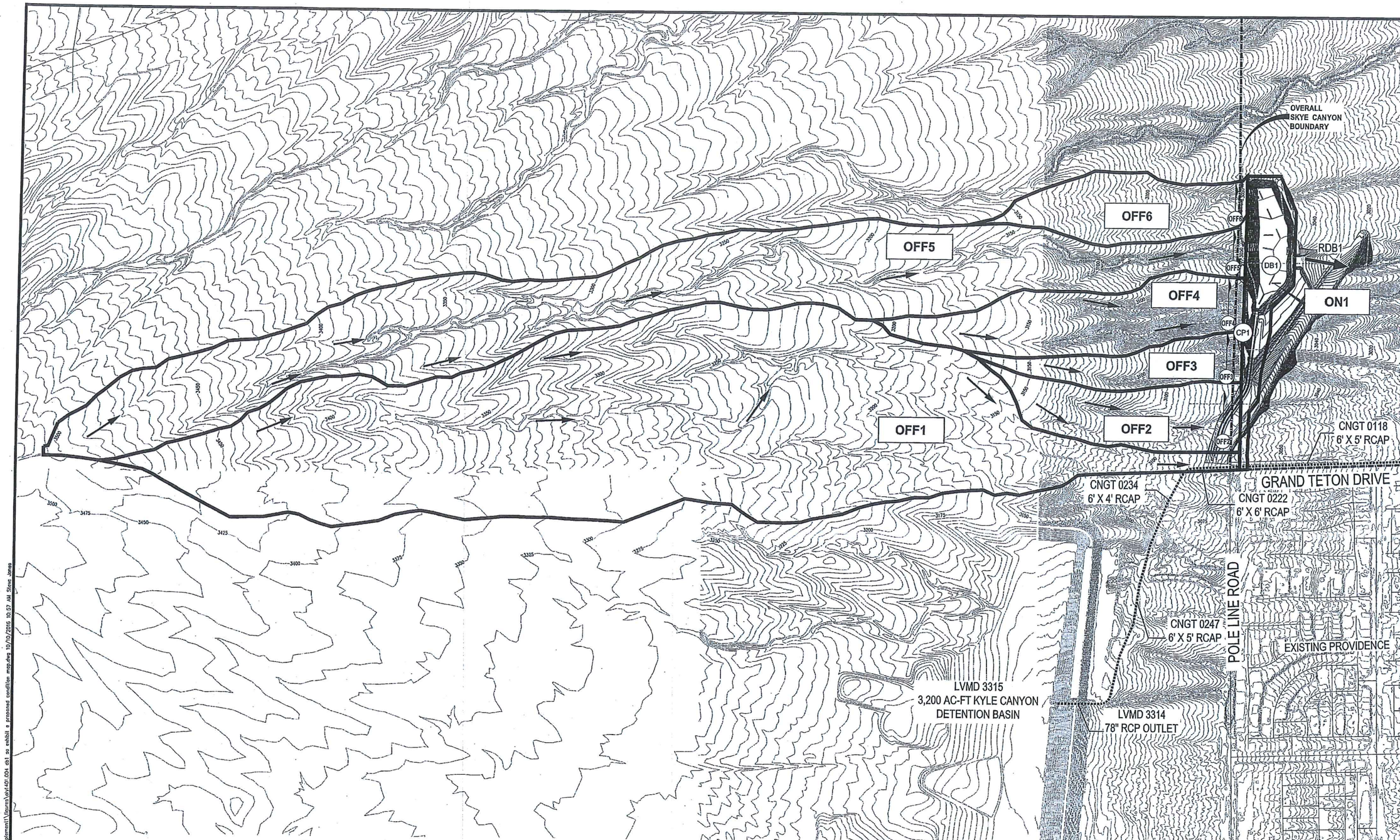
					RATIOS APPLIED TO PRECIPITATION	
OPERATION	STATION	AREA	PLAN		RATIO 1 1.00	RATIO 2 .98
+ HYDROGRAPH AT	OFF1	.41	1	FLOW	425.	413.
				TIME	3.75	3.75
+ HYDROGRAPH AT	OFF7	.03	1	FLOW	55.	54.
				TIME	3.50	3.50
+ 2 COMBINED AT	CP2	.44	1	FLOW	454.	441.
				TIME	3.75	3.75
+ HYDROGRAPH AT	OFF2	.04	1	FLOW	47.	46.
				TIME	3.58	3.58
+ HYDROGRAPH AT	OFF3	.03	1	FLOW	41.	39.
				TIME	3.50	3.50
+ 3 COMBINED AT	CP1	.50	1	FLOW	507.	493.
				TIME	3.75	3.75
+ HYDROGRAPH AT	OFF4	.06	1	FLOW	90.	88.
				TIME	3.58	3.58
+ HYDROGRAPH AT	OFF5	.26	1	FLOW	252.	245.
				TIME	3.83	3.83
+ HYDROGRAPH AT	OFF6	.04	1	FLOW	62.	61.
				TIME	3.58	3.58
+ HYDROGRAPH AT	ON1	.03	1	FLOW	49.	48.
				TIME	3.50	3.50
+ 5 COMBINED AT	DB1	.88	1	FLOW	861.	837.
				TIME	3.75	3.75
+ ROUTED TO	RDB1	.88	1	FLOW	72.	71.
				TIME	5.58	5.58

** PEAK STAGES IN FEET **

1	STAGE	3035.62	3035.33
	TIME	5.58	5.58

*** NORMAL END OF HEC-1 ***

Drainage Exhibits



100-Year Basin Flow Rate Summary (Proposed Condition)		
Basin ID	Area (ac)	Q_{100} (cfs)
OFF1	274.6	399
OFF2	26.8	49
OFF3	16.6	41
OFF4	37.2	90
OFF5	164.4	252
OFF6	25.5	62
ON1	16.7	49

Concentration Points Summary (Proposed Condition)		
Basin/Concentration Point ID	Area (sq-mi)	Q_{100} (cfs)
CP1 (OFF1 + OFF2 + OFF3)	0.50	428
DB1 (CP1 + OFF4 + OFF5 + OFF6 + ON1)	0.88	763
RDB1 (Detention Basin Outflow)	0.88	71

REFERENCED FLOW

LEGEND

- BASIN BOUNDARY
- OFF1 BASIN ID
- FLOW DIRECTION
- ID CONCENTRATION POINT
- EXISTING FACILITY
- OVERALL SKYE CANYON BOUNDARY
- CROSS SECTION

N

0 400 800

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

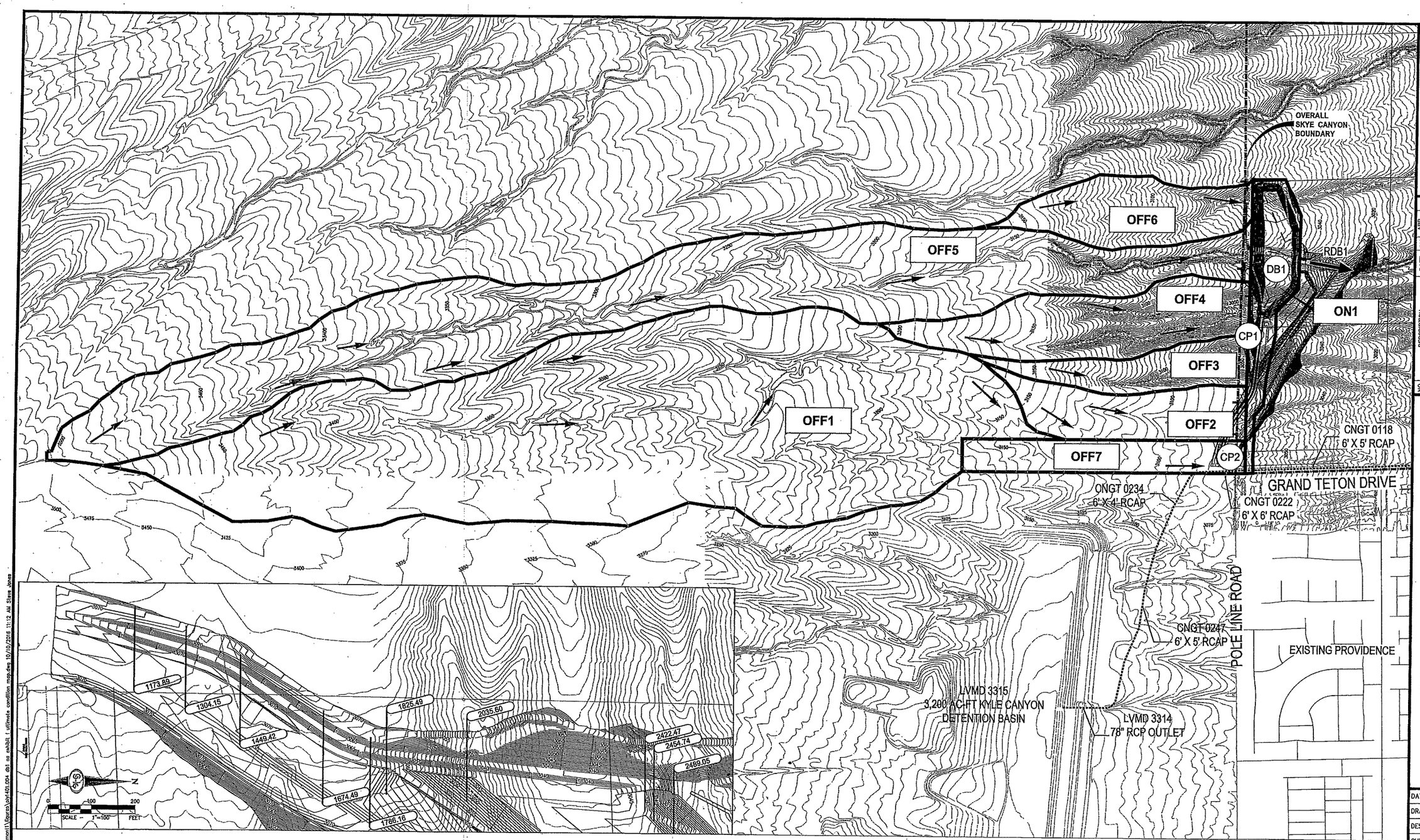
NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON - DETENTION BASIN 1
PROPOSED CONDITION DRAINAGE MAP

DATE: JUNE 2016
DRAFTER: JSR
DESIGNER: JSR
CHECKED: SMJ
PROJECT NO. OLY1401.004

EXHIBIT E

401-004 dbl\drainage\update study\sheep mountain\supplement1\figures\oly1401.004 dbl sa exhibit e proposed condition map.dwg 10/10/2016 10:57 AM Steve Jones



Summary of Collector Channel Hydraulic Characteristics

Station	Q100 (cfs)	Flow Depth (ft)	Flow Velocity (ft/s)	Froude Number	Hydraulic Freeboard (ft)	Sedimentation Freeboard (ft)	Required Channel Depth (ft)	Provided Channel Depth (ft)
2489.05	493	0.71	27.84	5.83	1.62	1.0	3.3	4.5
2454.74	493	1.49	13.28	1.92	1.38	1.0	3.9	4.0
2422.47	493	2.17	12.24	1.70	1.40	1.0	4.6	5.0
2035.60	493	1.13	28.29	5.18	1.74	1.0	3.9	5.0
1825.49	493	1.54	19.27	3.09	1.56	1.0	4.1	5.0
1786.16	493	2.49	10.18	1.34	1.34	1.0	4.8	5.0
1674.49	493	2.49	10.18	1.34	1.34	1.0	4.8	5.0
1449.42	493	2.50	10.14	1.33	1.34	1.0	4.8	5.0
1304.15	493	2.64	9.91	1.29	1.34	1.0	4.9	5.0
1173.89	493	2.92	8.13	1.06	1.29	0.8	5.0	5.0

1 – Hydraulic Freeboard obtained from CCRFCD Manual Equations. If Froude Number <1, Equation 741; If Froude Number >1, Equation 747.

100-Year Basin Flow Rate Summary (Ultimate Condition)

Basin ID	Area (ac)	Q_{100} (cfs)
OFF1	260.6	425
OFF2	22.7	47
OFF3	16.6	41
OFF4	37.2	90
OFF5	164.4	252
OFF6	25.5	62
OFF7	18.0	55
ON1	16.7	49

Concentration Points Summary (Ultimate Condition)

Basin/Concentration Point ID	Area (sq-mi)	Q_{100} (cfs)
CP1 (OFF1 + OFF2 + OFF3 + OFF7)	0.50	493
CP2 (OFF1 + OFF7)	0.44	454
DB1	0.88	837
RDB1 (Detention Basin Outflow)	0.88	71

LEGEND
- BASIN BOUNDARY
- OFF1 BASIN ID
- FLOW DIRECTION
- ID CONCENTRATION POINT
- EXISTING FACILITY
- OVERALL SKYE CANYON BOUNDARY
- WSPG STATION

N

0 400 800

SCALE - 1"=400' FEET

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
3740 S. ARVILLE STREET #216, LAS VEGAS, NV 89116
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON - DETENTION BASIN 1

ULTIMATE CONDITION DRAINAGE MAP

DATE: JUNE 2016
DRAFTER: JSR
DESIGNER: JSR
CHECKED: SMJ

PROJECT NO.
OLY1401.004

EXHIBIT F

J:\01-004 ds\cvilcnes\upds\s study\shesp mountain\supplement1\Exercs\olr1401.004 ds1 as exhibit f ultimate condition mod.dwg 10/10/2016 11:12 AM Steve Jones

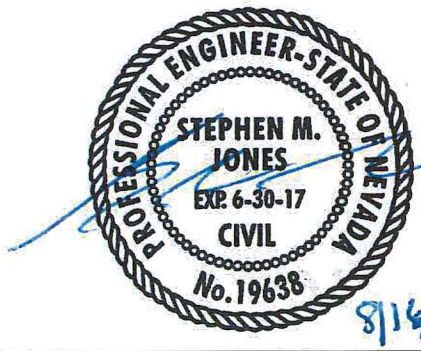
TECHNICAL DRAINAGE STUDY
UPDATE #1
(Sheep Mountain Parkway Design Considerations)

Skye Canyon
Detention Basin 1
City of Las Vegas, Nevada

Job No.: OLY1401.004
Date: August 2016

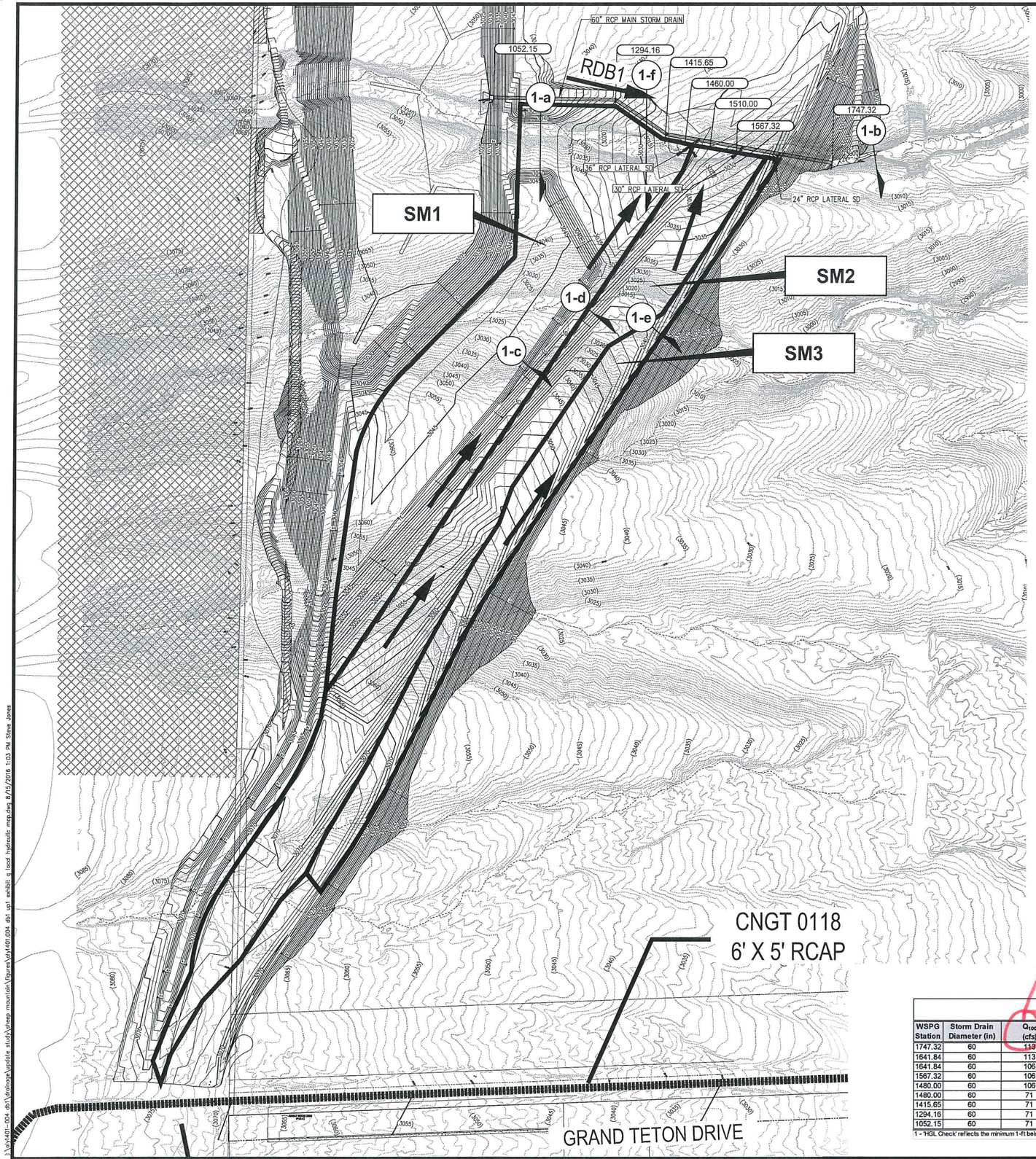
Prepared By:
Slater Hanifan Group, Inc.
5740 S. Arville Street, Suite 216
Las Vegas, Nevada 89118
Phone: 702-284-5300 ▪ Fax: 702-284-5399

Prepared For:
Ninety-Five Management, LLC
11411 Southern Highlands Parkway, Suite 300
Las Vegas, NV 89141
Phone: 702-220-6565 ▪ Fax: 702-220-6566



8/16/2016

Steve Jones, P.E.
NV Professional Engineer No. 19638



LEGEND

- BASIN BOUNDARY
- OFF1 — BASIN ID
- FLOW DIRECTION
- ID — CONCENTRATION POINT
- EXISTING FACILITY
- XXXX.XXX — WSPG STATION

N

0 100 200

SCALE – 1"=100' FEET

100-Year Basin Flow Rate Summary
(Proposed Conditions)

Basin ID	Area (ac)	Q_{100} (cfs)
SM1	5.8	20
SM2	4.9	15
SM3	2.1	7

REFERENCED FLOW

Cross Section Summary
(Proposed Condition)

Cross Section ID	Contributing Source	Q_{100} (cfs)	Slope (%)	Depth (ft)	Velocity (ft/s)
1-a	RDB1 (PMF Flow)	6025	1.0	3.15	19.86
1-b	RDB1 (PRO1 Flow)	113	4.0	1.49	9.15
1-c	Basin SM1	20	1.6	1.03	4.73
1-d	Basin SM2	15	3.0	0.82	5.57
1-e	Basin SM3	7	3.3	0.58	4.62
1-f	RDB1 (PMF Flow)	6025	3.2	1.90	11.50

WSPG Summary
Outlet Storm Drain

WSPG Station	Storm Drain Diameter (in)	Q_{100} (cfs)	Invert Elevation (ft)	WSE (ft)	Velocity (ft/s)	FG Elevation	Description	HGL Check[1]
1747.32	60	113	2995.40	2997.0	21.73	3001.4	End Model	OK
1641.84	60	113	3000.79	3002.5	19.24	3028.2	SDMH#5	OK
1641.84	60	106	3000.79	3002.3	20.79	3028.2	SM3 24" RCP Lateral	OK
1567.32	60	106	3004.60	3006.3	18.59	3028.8	SDMH#4	OK
1480.00	60	106	3009.06	3011.7	10.13	3027.4	SDMH#3	OK
1480.00	60	71	3009.06	3010.4	16.26	3027.4	SM1 & SM2 36" RCP Lateral	OK
1415.65	60	71	3012.35	3014.7	8.04	3028.0	SDMH#2	OK
1294.16	60	71	3012.83	3015.1	8.08	3035.5	SDMH#1	OK
1052.15	60	71	3013.80	3016.2	7.71	3025.5	Detention Basin Outlet Structure	OK

1 - 'HGL Check' reflects the minimum 1-ft below finished grade.

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT, LLC.

SKYE CANYON - DETENTION BASIN 1

SHEEP MOUNTAIN HYDRAULIC SUMMARY MAP

DATE: AUGUST 2016
DRAFTER: JSR
DESIGNER: JSR
CHECKED: SMJ
PROJECT NO.
OLY1401.004

EXHIBIT G
SHEET 1 OF 1

J:\oly\1401-004 - dts\1 Engineering\Update - study\Sheep_mountain\Figures\Oly1401.004 - dbl up1 exhibit g (post hydraulic map).dwg 8/15/2016 1:03 PM Steve Jones

APPENDIX K

Reference Material

Technical Drainage Study for Skye Canyon Detention Basin 2, by Slater Hanifan Group

Referenced Basins (HEC-1)

TECHNICAL DRAINAGE STUDY
ADDENDUM NO. 1

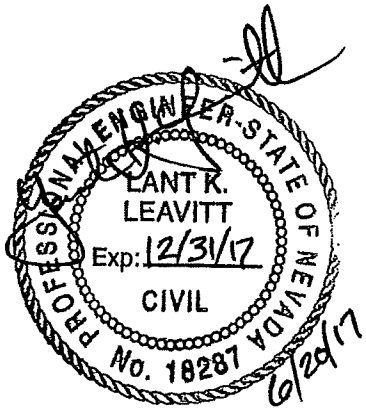
Skye Canyon
Detention Basin 2

City of Las Vegas, Nevada

Job No.: OLY1505.000
Date: June 2017

Prepared By:
Slater Hanifan Group, Inc.
5740 S. Arville Street, Suite 216
Las Vegas, Nevada 89118
Phone: 702-284-5300 ▪ Fax: 702-284-5399

Prepared For:
Ninety-Five Management, LLC
11411 Southern Highlands Parkway, Suite 300
Las Vegas, NV 89141
Phone: 702-220-6565 ▪ Fax: 702-220-6566



Lant Leavitt, P.E.
NV Professional Engineer No. 18287

```
1*****************************************
*                                       *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)   *
*              JUN  1998                *
*           VERSION 4.1                 *
*                                       *
*  RUN DATE   18JUN17  TIME  15:05:36   *
*                                       *
*****************************************
```

```
*****************************************
*                                       *
*    U.S. ARMY CORPS OF ENGINEERS       *
*    HYDROLOGIC ENGINEERING CENTER      *
*          609 SECOND STREET            *
*       DAVIS, CALIFORNIA 95616         *
*           (916) 756-1104              *
*                                       *
*****************************************
```

```
X     X  XXXXXXX   XXXXX          X
X     X  X        X     X        XX
X     X  X        X              X
XXXXXXX  XXXX     X       XXXXX  X
X     X  X        X              X
X     X  X        X     X        X
X     X  XXXXXXX   XXXXX         XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -AMSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

1 HEC-1 INPUT

```
LINE      ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

          *DIAGRAM
    1     ID     SLATER HANIFAN GROUP
    2     ID     NINETY-FIVE MANAGEMENT, LLC.
    3     ID     SKYE CANYON - DETENTION BASIN 2
    4     ID     TECHNICAL DRAINAGE STUDY
    5     ID     PROPOSED DRAINAGE CONDITION
    6     ID
    7     ID     RETURN PERIOD -------- 100-YEAR
    8     ID     DISTRIBUTION --------- 6-HOUR SDN3
    9     ID     PROJECT NO. ---------- OLY1505.000
   10     ID     FILENAME ------------- PRO2.H1
   11     ID     DATE ----------------- 5/23/2016
   12     ID     MODELED BY ----------- EM/SJ/CB
   13     ID
   14     ID        SIX HOUR DEPTH-AREA REDUCTION FACTORS
   15     ID        DRAINAGE AREA (MI^2)     RATIO
   16     ID        0.0-0.49                 1.00
   17     ID        0.5-0.99                 0.98
   18     ID        1.0-1.99                 0.97
   19     ID
   20     IT       5       0       0     300
   21     IO       5       0       0
   22     IN       5       0       0
   23     JR    PREC    1.00    0.98    0.97
          *

   24     KK    OFF7
   25     KM    EXISTING OFFSITE DRAINAGE BASIN
   26     KM    DISCHARGES INTO DETENTION BASIN "DB2"
   27     PB    3.00
   28     PC       0   0.020   0.057   0.070   0.087   0.108   0.124   0.130   0.130   0.130
   29     PC   0.130   0.130   0.130   0.133   0.140   0.142   0.148   0.158   0.172   0.181
   30     PC   0.190   0.197   0.199   0.200   0.201   0.204   0.214   0.229   0.241   0.249
   31     PC   0.251   0.256   0.270   0.278   0.281   0.283   0.295   0.322   0.352   0.409
   32     PC   0.499   0.590   0.710   0.744   0.781   0.812   0.819   0.835   0.851   0.856
   33     PC   0.860   0.868   0.876   0.888   0.910   0.926   0.937   0.950   0.970   0.976
   34     PC   0.982   0.985   0.987   0.989   0.990   0.993   0.993   0.994   0.995   0.998
   35     PC   0.998   0.999       1
   36     BA   .0058
   37     LS      0    88.0
   38     UD   0.100
          *

   39     KK    OFF8
   40     KM    EXISTING OFFSITE DRAINAGE BASIN
   41     KM    DISCHARGES INTO DETENTION BASIN "DB2"
   42     KO       3
   43     BA   .2122
```

```
          44          LS       0    88.0
          45          UD   0.299
                      *
1                                                                                                                    PAGE  2
                                                          HEC-1 INPUT

        LINE          ID.......1.......2.......3.......4.......5.......6.......7.......8.......9......10

          46          KK     CP2
          47          KM   COMBINE OFF7, AND OFF8
          48          HC       2
                      *

          49          KK    OFF9
          50          KM   EXISTING OFFSITE DRAINAGE BASIN
          51          KM   DISCHARGES INTO DETENTION BASIN "DB2"
          52          KO       3
          53          BA   .1137
          54          LS       0    88.0
          55          UD   0.200
                      *

          56          KK    CP2a
          57          KM   COMBINE CP2, AND OFF9
          58          HC       2
                      *

          59          KK   OFF10
          60          KM   EXISTING OFFSITE DRAINAGE BASIN
          61          KM   DISCHARGES INTO DETENTION BASIN "DB2"
          62          KO       3
          63          BA   .6502
          64          LS       0    88.0
          65          UD   0.613
                      *

          66          KK     ON2
          67          KM   PROPOSED ONSITE DRAINAGE BASIN
          68          BA   .0315
          69          LS       0    94.0
          70          UD   0.083
                      *

          71          KK     DB2
          72          KM   COMBINE CP2a, OFF10 AND ON2
          73          KO       1
          74          HC       3
                      *

          75          KK    RDB2
          76          KM   OUTLET = 25" ORIFICE @ INVERT ELEVATION = 2984.21-FT
          77          KO       1
          78          RS       1    ELEV  2992.0
          79          SV    0.00    2.34    7.60   24.30   46.28   73.78  107.11  146.75  193.03
          80          SE  2992.0  2993.0  2995.0  3000.0  3005.0  3010.0  3015.0  3020.0  3025.0
          81          SQ    0.00   44.44   51.05   64.70   83.84   99.36   520.9  3465.5  7888.4
          82          SE  2992.0  2993.0  2995.0  3000.0  3009.0  3018.0  3019.0  3022.0  3025.0
                      *
          83          ZZ
```

1 SCHEMATIC DIAGRAM OF STREAM NETWORK

```
 INPUT
  LINE      (V) ROUTING          (---->) DIVERSION OR PUMP FLOW
   NO.      (.) CONNECTOR        (<----) RETURN OF DIVERTED OR PUMPED FLOW

    24       OFF7
               .
               .
    39         .         OFF8
               .           .
               .           .
    46       CP2.............
               .
               .
    49         .         OFF9
               .           .
               .           .
    56       CP2a............
               .
               .
    59         .         OFF10
               .           .
               .           .
    66         .           .         ON2
               .           .           .
```

```
   71          DB2.....................
                V
                V
   75         RDB2

 (***) RUNOFF ALSO COMPUTED AT THIS LOCATION
1****************************************
*                                      *
*   FLOOD HYDROGRAPH PACKAGE  (HEC-1)  *
*               JUN  1998              *
*            VERSION 4.1               *
*                                      *
*  RUN DATE   18JUN17  TIME  15:05:36  *
*                                      *
****************************************
```

```
****************************************
*                                      *
*    U.S. ARMY CORPS OF ENGINEERS      *
*    HYDROLOGIC ENGINEERING CENTER     *
*          609 SECOND STREET           *
*       DAVIS, CALIFORNIA 95616        *
*            (916) 756-1104            *
*                                      *
****************************************
```

SLATER HANIFAN GROUP
NINETY-FIVE MANAGEMENT, LLC.
SKYE CANYON - DETENTION BASIN 2
TECHNICAL DRAINAGE STUDY
PROPOSED DRAINAGE CONDITION

RETURN PERIOD -------- 100-YEAR
DISTRIBUTION --------- 6-HOUR SDN3
PROJECT NO. ---------- OLY1505.000
FILENAME ------------- PRO2.H1
DATE ----------------- 5/23/2016
MODELED BY ----------- EM/SJ/CB

SIX HOUR DEPTH-AREA REDUCTION FACTORS

DRAINAGE AREA (MI^2)	RATIO
0.0-0.49	1.00
0.5-0.99	0.98
1.0-1.99	0.97

```
  21 IO          OUTPUT CONTROL VARIABLES
                       IPRNT          5  PRINT CONTROL
                       IPLOT          0  PLOT CONTROL
                       QSCAL          0.  HYDROGRAPH PLOT SCALE

     IT          HYDROGRAPH TIME DATA
                       NMIN           5  MINUTES IN COMPUTATION INTERVAL
                       IDATE      1   0  STARTING DATE
                       ITIME        0000  STARTING TIME
                         NQ          300  NUMBER OF HYDROGRAPH ORDINATES
                      NDDATE      2   0  ENDING DATE
                      NDTIME        0055  ENDING TIME
                      ICENT           19  CENTURY MARK

                    COMPUTATION INTERVAL      .08 HOURS
                         TOTAL TIME BASE   24.92 HOURS

          ENGLISH UNITS
               DRAINAGE AREA          SQUARE MILES
               PRECIPITATION DEPTH    INCHES
               LENGTH, ELEVATION      FEET
               FLOW                   CUBIC FEET PER SECOND
               STORAGE VOLUME         ACRE-FEET
               SURFACE AREA           ACRES
               TEMPERATURE            DEGREES FAHRENHEIT

     JP          MULTI-PLAN OPTION
                       NPLAN          1  NUMBER OF PLANS

     JR          MULTI-RATIO OPTION
                     RATIOS OF PRECIPITATION
                    1.00       .98       .97

*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

               **************
               *            *
  39 KK        *     OFF8   *
               *            *
               **************

  42 KO          OUTPUT CONTROL VARIABLES
```

```
                IPRNT          3  PRINT CONTROL
                IPLOT          0  PLOT CONTROL
                QSCAL         0.  HYDROGRAPH PLOT SCALE

          SUBBASIN RUNOFF DATA

43 BA       SUBBASIN CHARACTERISTICS
                TAREA        .21  SUBBASIN AREA

            PRECIPITATION DATA

27 PB           STORM       3.00  BASIN TOTAL PRECIPITATION

28 PI         INCREMENTAL PRECIPITATION PATTERN
                .02     .04     .01     .02     .02     .02     .01     .00     .00     .00
                .00     .00     .00     .01     .00     .01     .01     .01     .01     .01
                .01     .00     .00     .00     .00     .01     .02     .01     .01     .00
                .01     .01     .01     .00     .00     .01     .03     .03     .06     .09
                .09     .12     .03     .04     .03     .01     .02     .02     .00     .00
                .01     .01     .01     .02     .02     .01     .01     .02     .01     .01
                .00     .00     .00     .00     .00     .00     .00     .00     .00     .00
                .00     .00

44 LS       SCS LOSS RATE
                STRTL        .27  INITIAL ABSTRACTION
               CRVNBR      88.00  CURVE NUMBER
                RTIMP        .00  PERCENT IMPERVIOUS AREA

45 UD       SCS DIMENSIONLESS UNITGRAPH
                TLAG         .30  LAG

                                                    ***

                                          UNIT HYDROGRAPH
                                     20 END-OF-PERIOD ORDINATES
          42.     137.     259.     301.     276.     215.     136.      91.      62.      42.
          28.      19.      13.       8.       6.       4.       3.       2.       1.       0.

   TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

 PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     244.      3.75                 41.         10.         10.         10.
                        (INCHES)    1.816       1.818       1.818       1.818
                         (AC-FT)     21.         21.         21.         21.

                        CUMULATIVE AREA =     .21 SQ MI

     ***          ***          ***          ***          ***

                        HYDROGRAPH AT STATION     OFF8
                          FOR PLAN 1, RATIO = 1.00

   TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

 PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     244.      3.75                 41.         10.         10.         10.
                        (INCHES)    1.816       1.818       1.818       1.818
                         (AC-FT)     21.         21.         21.         21.

                        CUMULATIVE AREA =     .21 SQ MI

     ***          ***          ***          ***          ***

                        HYDROGRAPH AT STATION     OFF8
                          FOR PLAN 1, RATIO =  .98

   TOTAL RAINFALL =    2.94, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.76

 PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR     24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     237.      3.75                 40.         10.         10.         10.
                        (INCHES)    1.763       1.765       1.765       1.765
                         (AC-FT)     20.         20.         20.         20.

                        CUMULATIVE AREA =     .21 SQ MI
```

```
     ***            ***            ***            ***            ***

                    HYDROGRAPH AT STATION     OFF8
                      FOR PLAN 1, RATIO =  .97

   TOTAL RAINFALL =    2.91, TOTAL LOSS =    1.17, TOTAL EXCESS =    1.74

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR      24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     234.      3.75                 40.         10.         10.          10.
                        (INCHES)   1.737       1.738       1.738        1.738
                         (AC-FT)     20.         20.         20.          20.

                        CUMULATIVE AREA =     .21 SQ MI


*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***


            **************
            *            *
  49 KK     *     OFF9   *
            *            *
            **************

  52 KO          OUTPUT CONTROL VARIABLES
                       IPRNT          3  PRINT CONTROL
                       IPLOT          0  PLOT CONTROL
                       QSCAL         0.  HYDROGRAPH PLOT SCALE

               SUBBASIN RUNOFF DATA

  53 BA          SUBBASIN CHARACTERISTICS
                       TAREA        .11  SUBBASIN AREA

                 PRECIPITATION DATA

  27 PB                STORM       3.00  BASIN TOTAL PRECIPITATION

  28 PI            INCREMENTAL PRECIPITATION PATTERN
                       .02       .04       .01       .02       .02       .02       .01       .00       .00       .00
                       .00       .00       .00       .01       .00       .01       .01       .01       .01       .01
                       .01       .00       .00       .00       .00       .01       .02       .01       .01       .00
                       .01       .01       .01       .00       .00       .01       .03       .03       .06       .09
                       .09       .12       .03       .04       .03       .01       .02       .02       .00       .00
                       .01       .01       .01       .02       .02       .01       .01       .02       .01       .01
                       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00
                       .00       .00

  54 LS          SCS LOSS RATE
                       STRTL        .27  INITIAL ABSTRACTION
                      CRVNBR      88.00  CURVE NUMBER
                       RTIMP        .00  PERCENT IMPERVIOUS AREA

  55 UD          SCS DIMENSIONLESS UNITGRAPH
                        TLAG        .20  LAG

                                                          ***

                                                   UNIT HYDROGRAPH
                                              14 END-OF-PERIOD ORDINATES
                 55.      183.      227.      181.      101.       58.       33.       19.       11.        6.
                  3.        2.        1.        0.

   TOTAL RAINFALL =    3.00, TOTAL LOSS =    1.18, TOTAL EXCESS =    1.82

  PEAK FLOW     TIME                          MAXIMUM AVERAGE FLOW
                                    6-HR       24-HR       72-HR      24.92-HR
+   (CFS)       (HR)
                          (CFS)
+     153.      3.58                 22.          6.          5.           5.
                        (INCHES)   1.817       1.818       1.818        1.818
                         (AC-FT)     11.         11.         11.          11.

                        CUMULATIVE AREA =     .11 SQ MI

     ***            ***            ***            ***            ***

                    HYDROGRAPH AT STATION     OFF9
                      FOR PLAN 1, RATIO = 1.00
```

TOTAL RAINFALL = 3.00, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.82

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)				
+ 153.	3.58		22.	6.	5.	5.
		(INCHES)	1.817	1.818	1.818	1.818
		(AC-FT)	11.	11.	11.	11.

CUMULATIVE AREA = .11 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION OFF9
FOR PLAN 1, RATIO = .98

TOTAL RAINFALL = 2.94, TOTAL LOSS = 1.18, TOTAL EXCESS = 1.76

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)				
+ 149.	3.58		22.	5.	5.	5.
		(INCHES)	1.764	1.765	1.765	1.765
		(AC-FT)	11.	11.	11.	11.

CUMULATIVE AREA = .11 SQ MI

*** *** *** *** ***

HYDROGRAPH AT STATION OFF9
FOR PLAN 1, RATIO = .97

TOTAL RAINFALL = 2.91, TOTAL LOSS = 1.17, TOTAL EXCESS = 1.74

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW 6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)				
+ 147.	3.58		21.	5.	5.	5.
		(INCHES)	1.738	1.738	1.738	1.738
		(AC-FT)	11.	11.	11.	11.

CUMULATIVE AREA = .11 SQ MI

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                    STRTL        .27  INITIAL ABSTRACTION
                    CRVNBR     88.00  CURVE NUMBER
                    RTIMP        .00  PERCENT IMPERVIOUS AREA

  65 UD         SCS DIMENSIONLESS UNITGRAPH
                    TLAG         .61  LAG

                                                                                  ***

                                                          UNIT HYDROGRAPH
                                                      39 END-OF-PERIOD ORDINATES
                   24.      72.     138.     234.     345.     427.     473.     479.     462.     422.
                  374.     311.     242.     193.     156.     128.     106.      86.      69.      57.
                   46.      37.      30.      24.      20.      16.      13.      11.       9.       7.
                    6.       5.       4.       3.       3.       2.       1.       1.       0.

      TOTAL RAINFALL =   3.00, TOTAL LOSS =   1.18, TOTAL EXCESS =   1.82

                                                    MAXIMUM AVERAGE FLOW
    PEAK FLOW     TIME                    6-HR        24-HR        72-HR      24.92-HR
+     (CFS)       (HR)
                                (CFS)
+      508.       4.08                    127.         32.          31.          31.
                               (INCHES)   1.810        1.818        1.818        1.818
                               (AC-FT)      63.          63.          63.          63.

                          CUMULATIVE AREA =     .65 SQ MI

       ***              ***              ***              ***              ***

                          HYDROGRAPH AT STATION     OFF10
                            FOR PLAN 1, RATIO = 1.00

      TOTAL RAINFALL =   3.00, TOTAL LOSS =   1.18, TOTAL EXCESS =   1.82

                                                    MAXIMUM AVERAGE FLOW
    PEAK FLOW     TIME                    6-HR        24-HR        72-HR      24.92-HR
+     (CFS)       (HR)
                                (CFS)
+      508.       4.08                    127.         32.          31.          31.
                               (INCHES)   1.810        1.818        1.818        1.818
                               (AC-FT)      63.          63.          63.          63.

                          CUMULATIVE AREA =     .65 SQ MI

       ***              ***              ***              ***              ***

                          HYDROGRAPH AT STATION     OFF10
                            FOR PLAN 1, RATIO =  .98

      TOTAL RAINFALL =   2.94, TOTAL LOSS =   1.18, TOTAL EXCESS =   1.76

                                                    MAXIMUM AVERAGE FLOW
    PEAK FLOW     TIME                    6-HR        24-HR        72-HR      24.92-HR
+     (CFS)       (HR)
                                (CFS)
+      494.       4.08                    123.         31.          30.          30.
                               (INCHES)   1.757        1.765        1.765        1.765
                               (AC-FT)      61.          61.          61.          61.

                          CUMULATIVE AREA =     .65 SQ MI

       ***              ***              ***              ***              ***

                          HYDROGRAPH AT STATION     OFF10
                            FOR PLAN 1, RATIO =  .97

      TOTAL RAINFALL =   2.91, TOTAL LOSS =   1.17, TOTAL EXCESS =   1.74

                                                    MAXIMUM AVERAGE FLOW
    PEAK FLOW     TIME                    6-HR        24-HR        72-HR      24.92-HR
+     (CFS)       (HR)
                                (CFS)
+      486.       4.08                    121.         30.          29.          29.
                               (INCHES)   1.731        1.738        1.738        1.738
                               (AC-FT)      60.          60.          60.          60.

                          CUMULATIVE AREA =     .65 SQ MI

*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***
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          *            *
71 KK     *      DB2   *
          *            *
          **************

73 KO          OUTPUT CONTROL VARIABLES
                    IPRNT          1  PRINT CONTROL
                    IPLOT          0  PLOT CONTROL
                    QSCAL          0.  HYDROGRAPH PLOT SCALE

74 HC          HYDROGRAPH COMBINATION
                    ICOMP          3  NUMBER OF HYDROGRAPHS TO COMBINE

                                                
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1	0450	59	332.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.
1	0455	60	321.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.
1	0500	61	305.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.
1	0505	62	286.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.
1	0510	63	263.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.
1	0515	64	239.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.
1	0520	65	213.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.
1	0525	66	189.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.
1	0530	67	166.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.
1	0535	68	143.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.
1	0540	69	123.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.
1	0545	70	107.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.
1	0550	71	92.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.
1	0555	72	79.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.
1	0600	73	68.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.
1	0605	74	59.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.
1	0610	75	51.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 774.	3.83		199.	50.	48.	48.
		(INCHES)	1.824	1.835	1.835	1.835
		(AC-FT)	99.	99.	99.	99.

CUMULATIVE AREA = 1.01 SQ MI

HYDROGRAPH AT STATION DB2
SUM OF 3 HYDROGRAPHS
PLAN 1, RATIO = .98

DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	1		0615	76	42.	1		1230	151	0.	1		1845	226	0.
1		0005	2	0.	1		0620	77	35.	1		1235	152	0.	1		1850	227	0.
1		0010	3	0.	1		0625	78	29.	1		1240	153	0.	1		1855	228	0.
1		0015	4	1.	1		0630	79	24.	1		1245	154	0.	1		1900	229	0.
1		0020	5	2.	1		0635	80	20.	1		1250	155	0.	1		1905	230	0.
1		0025	6	4.	1		0640	81	16.	1		1255	156	0.	1		1910	231	0.
1		0030	7	6.	1		0645	82	13.	1		1300	157	0.	1		1915	232	0.
1		0035	8	7.	1		0650	83	10.	1		1305	158	0.	1		1920	233	0.
1		0040	9	7.	1		0655	84	8.	1		1310	159	0.	1		1925	234	0.
1		0045	10	6.	1		0700	85	7.	1		1315	160	0.	1		1930	235	0.
1		0050	11	6.	1		0705	86	5.	1		1320	161	0.	1		1935	236	0.
1		0055	12	6.	1		0710	87	4.	1		1325	162	0.	1		1940	237	0.
1		0100	13	5.	1		0715	88	4.	1		1330	163	0.	1		1945	238	0.
1		0105	14	5.	1		0720	89	3.	1		1335	164	0.	1		1950	239	0.
1		0110	15	7.	1		0725	90	2.	1		1340	165	0.	1		1955	240	0.
1		0115	16	8.	1		0730	91	2.	1		1345	166	0.	1		2000	241	0.
1		0120	17	9.	1		0735	92	1.	1		1350	167	0.	1		2005	242	0.
1		0125	18	12.	1		0740	93	1.	1		1355	168	0.	1		2010	243	0.
1		0130	19	17.	1		0745	94	1.	1		1400	169	0.	1		2015	244	0.
1		0135	20	22.	1		0750	95	1.	1		1405	170	0.	1		2020	245	0.
1		0140	21	27.	1		0755	96	0.	1		1410	171	0.	1		2025	246	0.
1		0145	22	32.	1		0800	97	0.	1		1415	172	0.	1		2030	247	0.
1		0150	23	34.	1		0805	98	0.	1		1420	173	0.	1		2035	248	0.
1		0155	24	34.	1		0810	99	0.	1		1425	174	0.	1		2040	249	0.
1		0200	25	34.	1		0815	100	0.	1		1430	175	0.	1		2045	250	0.
1		0205	26	33.	1		0820	101	0.	1		1435	176	0.	1		2050	251	0.
1		0210	27	34.	1		0825	102	0.	1		1440	177	0.	1		2055	252	0.
1		0215	28	40.	1		0830	103	0.	1		1445	178	0.	1		2100	253	0.
1		0220	29	47.	1		0835	104	0.	1		1450	179	0.	1		2105	254	0.
1		0225	30	53.	1		0840	105	0.	1		1455	180	0.	1		2110	255	0.
1		0230	31	56.	1		0845	106	0.	1		1500	181	0.	1		2115	256	0.
1		0235	32	57.	1		0850	107	0.	1		1505	182	0.	1		2120	257	0.
1		0240	33	61.	1		0855	108	0.	1		1510	183	0.	1		2125	258	0.
1		0245	34	66.	1		0900	109	0.	1		1515	184	0.	1		2130	259	0.
1		0250	35	68.	1		0905	110	0.	1		1520	185	0.	1		2135	260	0.
1		0255	36	68.	1		0910	111	0.	1		1525	186	0.	1		2140	261	0.
1		0300	37	70.	1		0915	112	0.	1		1530	187	0.	1		2145	262	0.
1		0305	38	82.	1		0920	113	0.	1		1535	188	0.	1		2150	263	0.
1		0310	39	103.	1		0925	114	0.	1		1540	189	0.	1		2155	264	0.
1		0315	40	144.	1		0930	115	0.	1		1545	190	0.	1		2200	265	0.
1		0320	41	222.	1		0935	116	0.	1		1550	191	0.	1		2205	266	0.
1		0325	42	332.	1		0940	117	0.	1		1555	192	0.	1		2210	267	0.
1		0330	43	479.	1		0945	118	0.	1		1600	193	0.	1		2215	268	0.
1		0335	44	607.	1		0950	119	0.	1		1605	194	0.	1		2220	269	0.
1		0340	45	689.	1		0955	120	0.	1		1610	195	0.	1		2225	270	0.

1	0345	46	740.	*	1	1000	121	0.	*	1	1615	196	0.	*	1	2230	271	0.
1	0350	47	752.	*	1	1005	122	0.	*	1	1620	197	0.	*	1	2235	272	0.
1	0355	48	739.	*	1	1010	123	0.	*	1	1625	198	0.	*	1	2240	273	0.
1	0400	49	711.	*	1	1015	124	0.	*	1	1630	199	0.	*	1	2245	274	0.
1	0405	50	671.	*	1	1020	125	0.	*	1	1635	200	0.	*	1	2250	275	0.
1	0410	51	619.	*	1	1025	126	0.	*	1	1640	201	0.	*	1	2255	276	0.
1	0415	52	558.	*	1	1030	127	0.	*	1	1645	202	0.	*	1	2300	277	0.
1	0420	53	498.	*	1	1035	128	0.	*	1	1650	203	0.	*	1	2305	278	0.
1	0425	54	441.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.
1	0430	55	400.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.
1	0435	56	373.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.
1	0440	57	352.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.
1	0445	58	333.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.
1	0450	59	324.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.
1	0455	60	313.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.
1	0500	61	297.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.
1	0505	62	279.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.
1	0510	63	257.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.
1	0515	64	233.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.
1	0520	65	208.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.
1	0525	66	185.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.
1	0530	67	162.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.
1	0535	68	140.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.
1	0540	69	120.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.
1	0545	70	104.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.
1	0550	71	90.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.
1	0555	72	77.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.
1	0600	73	67.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.
1	0605	74	58.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.
1	0610	75	49.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)				
+ 752.	3.83		193.	49.	47.	47.
		(INCHES)	1.772	1.781	1.781	1.781
		(AC-FT)	96.	96.	96.	96.

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION DB2
SUM OF 3 HYDROGRAPHS
PLAN 1, RATIO = .97

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DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1		0000	1	0.	*	1		0615	76	41.	*	1		1230	151	0.	*	1		1845	226	0.
1		0005	2	0.	*	1		0620	77	35.	*	1		1235	152	0.	*	1		1850	227	0.
1		0010	3	0.	*	1		0625	78	29.	*	1		1240	153	0.	*	1		1855	228	0.
1		0015	4	1.	*	1		0630	79	24.	*	1		1245	154	0.	*	1		1900	229	0.
1		0020	5	2.	*	1		0635	80	20.	*	1		1250	155	0.	*	1		1905	230	0.
1		0025	6	4.	*	1		0640	81	16.	*	1		1255	156	0.	*	1		1910	231	0.
1		0030	7	6.	*	1		0645	82	13.	*	1		1300	157	0.	*	1		1915	232	0.
1		0035	8	6.	*	1		0650	83	10.	*	1		1305	158	0.	*	1		1920	233	0.
1		0040	9	6.	*	1		0655	84	8.	*	1		1310	159	0.	*	1		1925	234	0.
1		0045	10	6.	*	1		0700	85	7.	*	1		1315	160	0.	*	1		1930	235	0.
1		0050	11	6.	*	1		0705	86	5.	*	1		1320	161	0.	*	1		1935	236	0.
1		0055	12	5.	*	1		0710	87	4.	*	1		1325	162	0.	*	1		1940	237	0.
1		0100	13	5.	*	1		0715	88	4.	*	1		1330	163	0.	*	1		1945	238	0.
1		0105	14	5.	*	1		0720	89	3.	*	1		1335	164	0.	*	1		1950	239	0.
1		0110	15	6.	*	1		0725	90	2.	*	1		1340	165	0.	*	1		1955	240	0.
1		0115	16	7.	*	1		0730	91	2.	*	1		1345	166	0.	*	1		2000	241	0.
1		0120	17	9.	*	1		0735	92	1.	*	1		1350	167	0.	*	1		2005	242	0.
1		0125	18	11.	*	1		0740	93	1.	*	1		1355	168	0.	*	1		2010	243	0.
1		0130	19	16.	*	1		0745	94	1.	*	1		1400	169	0.	*	1		2015	244	0.
1		0135	20	21.	*	1		0750	95	1.	*	1		1405	170	0.	*	1		2020	245	0.
1		0140	21	26.	*	1		0755	96	0.	*	1		1410	171	0.	*	1		2025	246	0.
1		0145	22	31.	*	1		0800	97	0.	*	1		1415	172	0.	*	1		2030	247	0.
1		0150	23	33.	*	1		0805	98	0.	*	1		1420	173	0.	*	1		2035	248	0.
1		0155	24	33.	*	1		0810	99	0.	*	1		1425	174	0.	*	1		2040	249	0.
1		0200	25	33.	*	1		0815	100	0.	*	1		1430	175	0.	*	1		2045	250	0.
1		0205	26	32.	*	1		0820	101	0.	*	1		1435	176	0.	*	1		2050	251	0.
1		0210	27	33.	*	1		0825	102	0.	*	1		1440	177	0.	*	1		2055	252	0.
1		0215	28	39.	*	1		0830	103	0.	*	1		1445	178	0.	*	1		2100	253	0.
1		0220	29	46.	*	1		0835	104	0.	*	1		1450	179	0.	*	1		2105	254	0.
1		0225	30	52.	*	1		0840	105	0.	*	1		1455	180	0.	*	1		2110	255	0.
1		0230	31	54.	*	1		0845	106	0.	*	1		1500	181	0.	*	1		2115	256	0.
1		0235	32	55.	*	1		0850	107	0.	*	1		1505	182	0.	*	1		2120	257	0.

1	0240	33	59.	*	1	0855	108	0.	*	1	1510	183	0.	*	1	2125	258	0.
1	0245	34	65.	*	1	0900	109	0.	*	1	1515	184	0.	*	1	2130	259	0.
1	0250	35	67.	*	1	0905	110	0.	*	1	1520	185	0.	*	1	2135	260	0.
1	0255	36	67.	*	1	0910	111	0.	*	1	1525	186	0.	*	1	2140	261	0.
1	0300	37	69.	*	1	0915	112	0.	*	1	1530	187	0.	*	1	2145	262	0.
1	0305	38	80.	*	1	0920	113	0.	*	1	1535	188	0.	*	1	2150	263	0.
1	0310	39	101.	*	1	0925	114	0.	*	1	1540	189	0.	*	1	2155	264	0.
1	0315	40	141.	*	1	0930	115	0.	*	1	1545	190	0.	*	1	2200	265	0.
1	0320	41	218.	*	1	0935	116	0.	*	1	1550	191	0.	*	1	2205	266	0.
1	0325	42	327.	*	1	0940	117	0.	*	1	1555	192	0.	*	1	2210	267	0.
1	0330	43	472.	*	1	0945	118	0.	*	1	1600	193	0.	*	1	2215	268	0.
1	0335	44	597.	*	1	0950	119	0.	*	1	1605	194	0.	*	1	2220	269	0.
1	0340	45	679.	*	1	0955	120	0.	*	1	1610	195	0.	*	1	2225	270	0.
1	0345	46	729.	*	1	1000	121	0.	*	1	1615	196	0.	*	1	2230	271	0.
1	0350	47	741.	*	1	1005	122	0.	*	1	1620	197	0.	*	1	2235	272	0.
1	0355	48	728.	*	1	1010	123	0.	*	1	1625	198	0.	*	1	2240	273	0.
1	0400	49	701.	*	1	1015	124	0.	*	1	1630	199	0.	*	1	2245	274	0.
1	0405	50	662.	*	1	1020	125	0.	*	1	1635	200	0.	*	1	2250	275	0.
1	0410	51	610.	*	1	1025	126	0.	*	1	1640	201	0.	*	1	2255	276	0.
1	0415	52	550.	*	1	1030	127	0.	*	1	1645	202	0.	*	1	2300	277	0.
1	0420	53	491.	*	1	1035	128	0.	*	1	1650	203	0.	*	1	2305	278	0.
1	0425	54	435.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.
1	0430	55	394.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.
1	0435	56	368.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.
1	0440	57	347.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.
1	0445	58	329.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.
1	0450	59	319.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.
1	0455	60	309.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.
1	0500	61	294.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.
1	0505	62	275.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.
1	0510	63	253.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.
1	0515	64	230.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.
1	0520	65	205.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.
1	0525	66	182.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.
1	0530	67	160.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.
1	0535	68	138.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.
1	0540	69	119.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.
1	0545	70	103.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.
1	0550	71	89.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.
1	0555	72	76.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.
1	0600	73	66.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.
1	0605	74	57.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.
1	0610	75	49.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.
				*					*					*				

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 741.	3.83		190.	48.	46.	46.
		(INCHES)	1.745	1.755	1.755	1.755
		(AC-FT)	94.	95.	95.	95.

CUMULATIVE AREA = 1.01 SQ MI

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*            *
*            *
*     RDB2   *
*            *
*            *
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77 KO OUTPUT CONTROL VARIABLES

IPRNT	1	PRINT CONTROL
IPLOT	0	PLOT CONTROL
QSCAL	0.	HYDROGRAPH PLOT SCALE

HYDROGRAPH ROUTING DATA

78 RS STORAGE ROUTING

NSTPS	1	NUMBER OF SUBREACHES
ITYP	ELEV	TYPE OF INITIAL CONDITION
RSVRIC	2992.00	INITIAL CONDITION
X	.00	WORKING R AND D COEFFICIENT

79 SV	STORAGE	.0	2.3	7.6	24.3	46.3	73.8	107.1	146.8	193.0
80 SE	ELEVATION	2992.00	2993.00	2995.00	3000.00	3005.00	3010.00	3015.00	3020.00	3025.00
81 SQ	DISCHARGE	0.	44.	51.	65.	84.	99.	521.	3466.	7888.

82 SE ELEVATION 2992.00 2993.00 2995.00 3000.00 3009.00 3018.00 3019.00 3022.00 3025.00

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COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	2.34	7.60	24.30	46.28	68.28	73.78	107.11	130.89	138.82
OUTFLOW	.00	44.44	51.05	64.70	75.33	83.84	85.56	94.19	99.36	520.90
ELEVATION	2992.00	2993.00	2995.00	3000.00	3005.00	3009.00	3010.00	3015.00	3018.00	3019.00

STORAGE	146.75	165.26	193.03
OUTFLOW	1502.43	3465.50	7888.40
ELEVATION	3020.00	3022.00	3025.00

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HYDROGRAPH AT STATION RDB2
PLAN 1, RATIO = 1.00

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	1		0820	101	81.	61.2	3007.7	1		1640	201	56.	13.3	2996.7
1		0005	2	0.	.0	2992.0	1		0825	102	81.	60.6	3007.6	1		1645	202	55.	12.9	2996.6
1		0010	3	0.	.0	2992.0	1		0830	103	81.	60.1	3007.5	1		1650	203	55.	12.5	2996.5
1		0015	4	0.	.0	2992.0	1		0835	104	80.	59.5	3007.4	1		1655	204	55.	12.1	2996.4
1		0020	5	0.	.0	2992.0	1		0840	105	80.	59.0	3007.3	1		1700	205	54.	11.8	2996.2
1		0025	6	1.	.0	2992.0	1		0845	106	80.	58.4	3007.2	1		1705	206	54.	11.4	2996.1
1		0030	7	1.	.1	2992.0	1		0850	107	80.	57.9	3007.1	1		1710	207	54.	11.0	2996.0
1		0035	8	2.	.1	2992.0	1		0855	108	80.	57.3	3007.0	1		1715	208	54.	10.7	2995.9
1		0040	9	3.	.1	2992.1	1		0900	109	79.	56.8	3006.9	1		1720	209	53.	10.3	2995.8
1		0045	10	3.	.2	2992.1	1		0905	110	79.	56.2	3006.8	1		1725	210	53.	9.9	2995.7
1		0050	11	4.	.2	2992.1	1		0910	111	79.	55.7	3006.7	1		1730	211	53.	9.6	2995.6
1		0055	12	4.	.2	2992.1	1		0915	112	79.	55.1	3006.6	1		1735	212	52.	9.2	2995.5
1		0100	13	4.	.2	2992.1	1		0920	113	79.	54.6	3006.5	1		1740	213	52.	8.8	2995.4
1		0105	14	4.	.2	2992.1	1		0925	114	78.	54.1	3006.4	1		1745	214	52.	8.5	2995.3
1		0110	15	5.	.3	2992.1	1		0930	115	78.	53.5	3006.3	1		1750	215	51.	8.1	2995.2
1		0115	16	5.	.3	2992.1	1		0935	116	78.	53.0	3006.2	1		1755	216	51.	7.8	2995.0
1		0120	17	6.	.3	2992.1	1		0940	117	78.	52.5	3006.1	1		1800	217	51.	7.4	2994.9
1		0125	18	6.	.3	2992.1	1		0945	118	78.	51.9	3006.0	1		1805	218	50.	7.1	2994.8
1		0130	19	7.	.4	2992.2	1		0950	119	77.	51.4	3005.9	1		1810	219	50.	6.7	2994.7
1		0135	20	9.	.5	2992.2	1		0955	120	77.	50.9	3005.8	1		1815	220	50.	6.4	2994.5
1		0140	21	11.	.6	2992.3	1		1000	121	77.	50.3	3005.7	1		1820	221	49.	6.0	2994.4
1		0145	22	14.	.7	2992.3	1		1005	122	77.	49.8	3005.6	1		1825	222	49.	5.7	2994.3
1		0150	23	16.	.9	2992.4	1		1010	123	76.	49.3	3005.5	1		1830	223	48.	5.4	2994.2
1		0155	24	19.	1.0	2992.4	1		1015	124	76.	48.7	3005.4	1		1835	224	48.	5.0	2994.0
1		0200	25	21.	1.1	2992.5	1		1020	125	76.	48.2	3005.4	1		1840	225	47.	4.7	2993.9
1		0205	26	23.	1.2	2992.5	1		1025	126	76.	47.7	3005.3	1		1845	226	47.	4.4	2993.8
1		0210	27	24.	1.3	2992.5	1		1030	127	76.	47.2	3005.2	1		1850	227	47.	4.1	2993.7
1		0215	28	26.	1.4	2992.6	1		1035	128	75.	46.6	3005.1	1		1855	228	46.	3.7	2993.5
1		0220	29	28.	1.5	2992.6	1		1040	129	75.	46.1	3005.0	1		1900	229	46.	3.4	2993.4
1		0225	30	31.	1.6	2992.7	1		1045	130	75.	45.6	3004.8	1		1905	230	45.	3.1	2993.3
1		0230	31	34.	1.8	2992.8	1		1050	131	75.	45.1	3004.7	1		1910	231	45.	2.8	2993.2
1		0235	32	37.	2.0	2992.8	1		1055	132	75.	44.6	3004.6	1		1915	232	45.	2.5	2993.1
1		0240	33	40.	2.1	2992.9	1		1100	133	74.	44.1	3004.5	1		1920	233	42.	2.2	2992.9
1		0245	34	44.	2.3	2993.0	1		1105	134	74.	43.6	3004.4	1		1925	234	37.	1.9	2992.8
1		0250	35	45.	2.5	2993.0	1		1110	135	74.	43.1	3004.3	1		1930	235	32.	1.7	2992.7
1		0255	36	45.	2.7	2993.1	1		1115	136	74.	42.5	3004.1	1		1935	236	28.	1.5	2992.6
1		0300	37	45.	2.8	2993.2	1		1120	137	73.	42.0	3004.0	1		1940	237	25.	1.3	2992.6
1		0305	38	45.	3.1	2993.3	1		1125	138	73.	41.5	3003.9	1		1945	238	22.	1.1	2992.5
1		0310	39	46.	3.4	2993.4	1		1130	139	73.	41.0	3003.8	1		1950	239	19.	1.0	2992.4
1		0315	40	47.	4.0	2993.6	1		1135	140	73.	40.5	3003.7	1		1955	240	17.	.9	2992.4
1		0320	41	48.	5.0	2994.0	1		1140	141	72.	40.0	3003.6	1		2000	241	15.	.8	2992.3
1		0325	42	50.	6.6	2994.6	1		1145	142	72.	39.5	3003.5	1		2005	242	13.	.7	2992.3
1		0330	43	52.	9.1	2995.5	1		1150	143	72.	39.0	3003.4	1		2010	243	11.	.6	2992.3
1		0335	44	55.	12.6	2996.5	1		1155	144	72.	38.5	3003.2	1		2015	244	10.	.5	2992.2
1		0340	45	59.	16.8	2997.8	1		1200	145	71.	38.1	3003.1	1		2020	245	9.	.5	2992.2
1		0345	46	62.	21.5	2999.2	1		1205	146	71.	37.6	3003.0	1		2025	246	8.	.4	2992.2
1		0350	47	66.	26.3	3000.5	1		1210	147	71.	37.1	3002.9	1		2030	247	7.	.4	2992.1
1		0355	48	68.	31.1	3001.6	1		1215	148	71.	36.6	3002.8	1		2035	248	6.	.3	2992.1
1		0400	49	70.	35.8	3002.6	1		1220	149	70.	36.1	3002.7	1		2040	249	5.	.3	2992.1
1		0405	50	72.	40.2	3003.6	1		1225	150	70.	35.6	3002.6	1		2045	250	4.	.2	2992.1
1		0410	51	74.	44.3	3004.5	1		1230	151	70.	35.1	3002.5	1		2050	251	4.	.2	2992.1
1		0415	52	76.	47.9	3005.3	1		1235	152	70.	34.7	3002.4	1		2055	252	3.	.2	2992.1
1		0420	53	77.	51.1	3005.9	1		1240	153	69.	34.2	3002.2	1		2100	253	3.	.2	2992.1
1		0425	54	78.	53.9	3006.4	1		1245	154	69.	33.7	3002.1	1		2105	254	3.	.1	2992.1
1		0430	55	79.	56.3	3006.8	1		1250	155	69.	33.2	3002.0	1		2110	255	2.	.1	2992.1
1		0435	56	80.	58.5	3007.2	1		1255	156	69.	32.7	3001.9	1		2115	256	2.	.1	2992.0
1		0440	57	81.	60.5	3007.6	1		1300	157	69.	32.3	3001.8	1		2120	257	2.	.1	2992.0
1		0445	58	82.	62.4	3007.9	1		1305	158	68.	31.8	3001.7	1		2125	258	2.	.1	2992.0
1		0450	59	82.	64.2	3008.2	1		1310	159	68.	31.3	3001.6	1		2130	259	1.	.1	2992.0
1		0455	60	83.	65.8	3008.6	1		1315	160	68.	30.9	3001.5	1		2135	260	1.	.1	2992.0
1		0500	61	84.	67.4	3008.8	1		1320	161	68.	30.4	3001.4	1		2140	261	1.	.1	2992.0
1		0505	62	84.	68.9	3009.1	1		1325	162	67.	29.9	3001.3	1		2145	262	1.	.0	2992.0

1	0510	63	84.	70.2	3009.3	*	1	1330	163	67.	29.5	3001.2	*	1	2150	263	1.	.0	2992.0
1	0515	64	85.	71.3	3009.6	*	1	1335	164	67.	29.0	3001.1	*	1	2155	264	1.	.0	2992.0
1	0520	65	85.	72.3	3009.7	*	1	1340	165	67.	28.5	3001.0	*	1	2200	265	1.	.0	2992.0
1	0525	66	85.	73.1	3009.9	*	1	1345	166	67.	28.1	3000.9	*	1	2205	266	1.	.0	2992.0
1	0530	67	86.	73.7	3010.0	*	1	1350	167	66.	27.6	3000.8	*	1	2210	267	0.	.0	2992.0
1	0535	68	86.	74.2	3010.1	*	1	1355	168	66.	27.2	3000.7	*	1	2215	268	0.	.0	2992.0
1	0540	69	86.	74.5	3010.1	*	1	1400	169	66.	26.7	3000.6	*	1	2220	269	0.	.0	2992.0
1	0545	70	86.	74.7	3010.1	*	1	1405	170	66.	26.3	3000.4	*	1	2225	270	0.	.0	2992.0
1	0550	71	86.	74.8	3010.2	*	1	1410	171	65.	25.8	3000.3	*	1	2230	271	0.	.0	2992.0
1	0555	72	86.	74.8	3010.2	*	1	1415	172	65.	25.4	3000.2	*	1	2235	272	0.	.0	2992.0
1	0600	73	86.	74.7	3010.1	*	1	1420	173	65.	24.9	3000.1	*	1	2240	273	0.	.0	2992.0
1	0605	74	86.	74.6	3010.1	*	1	1425	174	65.	24.5	3000.0	*	1	2245	274	0.	.0	2992.0
1	0610	75	86.	74.4	3010.1	*	1	1430	175	64.	24.0	2999.9	*	1	2250	275	0.	.0	2992.0
1	0615	76	86.	74.1	3010.1	*	1	1435	176	64.	23.6	2999.8	*	1	2255	276	0.	.0	2992.0
1	0620	77	86.	73.8	3010.0	*	1	1440	177	64.	23.1	2999.7	*	1	2300	277	0.	.0	2992.0
1	0625	78	85.	73.4	3009.9	*	1	1445	178	63.	22.7	2999.5	*	1	2305	278	0.	.0	2992.0
1	0630	79	85.	73.0	3009.9	*	1	1450	179	63.	22.3	2999.4	*	1	2310	279	0.	.0	2992.0
1	0635	80	85.	72.6	3009.8	*	1	1455	180	63.	21.8	2999.3	*	1	2315	280	0.	.0	2992.0
1	0640	81	85.	72.1	3009.7	*	1	1500	181	62.	21.4	2999.1	*	1	2320	281	0.	.0	2992.0
1	0645	82	85.	71.7	3009.6	*	1	1505	182	62.	21.0	2999.0	*	1	2325	282	0.	.0	2992.0
1	0650	83	85.	71.2	3009.5	*	1	1510	183	62.	20.6	2998.9	*	1	2330	283	0.	.0	2992.0
1	0655	84	85.	70.6	3009.4	*	1	1515	184	61.	20.1	2998.8	*	1	2335	284	0.	.0	2992.0
1	0700	85	84.	70.1	3009.3	*	1	1520	185	61.	19.7	2998.6	*	1	2340	285	0.	.0	2992.0
1	0705	86	84.	69.6	3009.2	*	1	1525	186	61.	19.3	2998.5	*	1	2345	286	0.	.0	2992.0
1	0710	87	84.	69.0	3009.1	*	1	1530	187	60.	18.9	2998.4	*	1	2350	287	0.	.0	2992.0
1	0715	88	84.	68.5	3009.0	*	1	1535	188	60.	18.5	2998.3	*	1	2355	288	0.	.0	2992.0
1	0720	89	84.	67.9	3008.9	*	1	1540	189	60.	18.0	2998.1	*	2	0000	289	0.	.0	2992.0
1	0725	90	83.	67.4	3008.8	*	1	1545	190	59.	17.6	2998.0	*	2	0005	290	0.	.0	2992.0
1	0730	91	83.	66.8	3008.7	*	1	1550	191	59.	17.2	2997.9	*	2	0010	291	0.	.0	2992.0
1	0735	92	83.	66.3	3008.6	*	1	1555	192	59.	16.8	2997.8	*	2	0015	292	0.	.0	2992.0
1	0740	93	83.	65.7	3008.5	*	1	1600	193	58.	16.4	2997.6	*	2	0020	293	0.	.0	2992.0
1	0745	94	83.	65.1	3008.4	*	1	1605	194	58.	16.0	2997.5	*	2	0025	294	0.	.0	2992.0
1	0750	95	82.	64.6	3008.3	*	1	1610	195	58.	15.6	2997.4	*	2	0030	295	0.	.0	2992.0
1	0755	96	82.	64.0	3008.2	*	1	1615	196	57.	15.2	2997.3	*	2	0035	296	0.	.0	2992.0
1	0800	97	82.	63.4	3008.1	*	1	1620	197	57.	14.8	2997.2	*	2	0040	297	0.	.0	2992.0
1	0805	98	82.	62.9	3008.0	*	1	1625	198	57.	14.4	2997.0	*	2	0045	298	0.	.0	2992.0
1	0810	99	82.	62.3	3007.9	*	1	1630	199	56.	14.1	2996.9	*	2	0050	299	0.	.0	2992.0
1	0815	100	81.	61.8	3007.8	*	1	1635	200	56.	13.7	2996.8	*	2	0055	300	0.	.0	2992.0
						*							*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)					
		(CFS)				
+ 86.	5.83		82.	50.	48.	48.
		(INCHES)	.752	1.835	1.835	1.835
		(AC-FT)	41.	99.	99.	99.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
75.	5.83	64.	26.	25.	25.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
3010.16	5.83	3008.18	2999.20	2998.93	2998.93

CUMULATIVE AREA = 1.01 SQ MI

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HYDROGRAPH AT STATION RDB2
PLAN 1, RATIO = .98

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DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	*	1		0820	101	80.	58.8	3007.3	*	1		1640	201	54.	11.7	2996.2
1		0005	2	0.	.0	2992.0	*	1		0825	102	80.	58.3	3007.2	*	1		1645	202	54.	11.3	2996.1
1		0010	3	0.	.0	2992.0	*	1		0830	103	80.	57.7	3007.1	*	1		1650	203	54.	10.9	2996.0
1		0015	4	0.	.0	2992.0	*	1		0835	104	80.	57.2	3007.0	*	1		1655	204	53.	10.5	2995.9
1		0020	5	0.	.0	2992.0	*	1		0840	105	79.	56.6	3006.9	*	1		1700	205	53.	10.2	2995.8
1		0025	6	1.	.0	2992.0	*	1		0845	106	79.	56.1	3006.8	*	1		1705	206	53.	9.8	2995.7
1		0030	7	1.	.1	2992.0	*	1		0850	107	79.	55.5	3006.7	*	1		1710	207	53.	9.5	2995.6
1		0035	8	2.	.1	2992.0	*	1		0855	108	79.	55.0	3006.6	*	1		1715	208	52.	9.1	2995.4
1		0040	9	2.	.1	2992.1	*	1		0900	109	78.	54.5	3006.5	*	1		1720	209	52.	8.7	2995.3
1		0045	10	3.	.1	2992.1	*	1		0905	110	78.	53.9	3006.4	*	1		1725	210	52.	8.4	2995.2
1		0050	11	3.	.2	2992.1	*	1		0910	111	78.	53.4	3006.3	*	1		1730	211	51.	8.0	2995.1
1		0055	12	4.	.2	2992.1	*	1		0915	112	78.	52.8	3006.2	*	1		1735	212	51.	7.7	2995.0
1		0100	13	4.	.2	2992.1	*	1		0920	113	78.	52.3	3006.1	*	1		1740	213	51.	7.3	2994.9
1		0105	14	4.	.2	2992.1	*	1		0925	114	77.	51.8	3006.0	*	1		1745	214	50.	7.0	2994.8
1		0110	15	4.	.2	2992.1	*	1		0930	115	77.	51.2	3005.9	*	1		1750	215	50.	6.6	2994.6

1	0115	16	5.	.2	2992.1	*	1	0935	116	77.	50.7	3005.8	*	1	1755	216	49.	6.3	2994.5
1	0120	17	5.	.3	2992.1	*	1	0940	117	77.	50.2	3005.7	*	1	1800	217	49.	5.9	2994.4
1	0125	18	6.	.3	2992.1	*	1	0945	118	77.	49.6	3005.6	*	1	1805	218	49.	5.6	2994.2
1	0130	19	7.	.4	2992.2	*	1	0950	119	76.	49.1	3005.5	*	1	1810	219	48.	5.3	2994.1
1	0135	20	8.	.4	2992.2	*	1	0955	120	76.	48.6	3005.4	*	1	1815	220	48.	4.9	2994.0
1	0140	21	10.	.5	2992.2	*	1	1000	121	76.	48.1	3005.3	*	1	1820	221	47.	4.6	2993.9
1	0145	22	13.	.7	2992.3	*	1	1005	122	76.	47.5	3005.2	*	1	1825	222	47.	4.3	2993.7
1	0150	23	15.	.8	2992.3	*	1	1010	123	76.	47.0	3005.1	*	1	1830	223	46.	4.0	2993.6
1	0155	24	17.	.9	2992.4	*	1	1015	124	75.	46.5	3005.0	*	1	1835	224	46.	3.7	2993.5
1	0200	25	20.	1.0	2992.4	*	1	1020	125	75.	46.0	3004.9	*	1	1840	225	46.	3.3	2993.4
1	0205	26	21.	1.1	2992.5	*	1	1025	126	75.	45.5	3004.8	*	1	1845	226	45.	3.0	2993.3
1	0210	27	23.	1.2	2992.5	*	1	1030	127	75.	45.0	3004.7	*	1	1850	227	45.	2.7	2993.1
1	0215	28	24.	1.3	2992.5	*	1	1035	128	74.	44.4	3004.6	*	1	1855	228	45.	2.4	2993.0
1	0220	29	27.	1.4	2992.6	*	1	1040	129	74.	43.9	3004.5	*	1	1900	229	40.	2.1	2992.9
1	0225	30	30.	1.6	2992.7	*	1	1045	130	74.	43.4	3004.3	*	1	1905	230	35.	1.9	2992.8
1	0230	31	33.	1.7	2992.7	*	1	1050	131	74.	42.9	3004.2	*	1	1910	231	31.	1.6	2992.7
1	0235	32	35.	1.9	2992.8	*	1	1055	132	73.	42.4	3004.1	*	1	1915	232	27.	1.4	2992.6
1	0240	33	38.	2.0	2992.9	*	1	1100	133	73.	41.9	3004.0	*	1	1920	233	24.	1.3	2992.5
1	0245	34	41.	2.2	2992.9	*	1	1105	134	73.	41.4	3003.9	*	1	1925	234	21.	1.1	2992.5
1	0250	35	44.	2.3	2993.0	*	1	1110	135	73.	40.9	3003.8	*	1	1930	235	18.	1.0	2992.4
1	0255	36	45.	2.5	2993.1	*	1	1115	136	72.	40.4	3003.7	*	1	1935	236	16.	.8	2992.4
1	0300	37	45.	2.7	2993.1	*	1	1120	137	72.	39.9	3003.5	*	1	1940	237	14.	.7	2992.3
1	0305	38	45.	2.9	2993.2	*	1	1125	138	72.	39.4	3003.4	*	1	1945	238	12.	.7	2992.3
1	0310	39	46.	3.2	2993.3	*	1	1130	139	72.	38.9	3003.3	*	1	1950	239	11.	.6	2992.2
1	0315	40	46.	3.7	2993.5	*	1	1135	140	72.	38.4	3003.2	*	1	1955	240	10.	.5	2992.2
1	0320	41	47.	4.7	2993.9	*	1	1140	141	71.	37.9	3003.1	*	1	2000	241	8.	.4	2992.2
1	0325	42	49.	6.3	2994.5	*	1	1145	142	71.	37.4	3003.0	*	1	2005	242	7.	.4	2992.2
1	0330	43	52.	8.7	2995.3	*	1	1150	143	71.	36.9	3002.9	*	1	2010	243	6.	.3	2992.1
1	0335	44	55.	12.1	2996.3	*	1	1155	144	71.	36.5	3002.8	*	1	2015	244	6.	.3	2992.1
1	0340	45	58.	16.1	2997.6	*	1	1200	145	70.	36.0	3002.7	*	1	2020	245	5.	.3	2992.1
1	0345	46	62.	20.7	2998.9	*	1	1205	146	70.	35.5	3002.5	*	1	2025	246	4.	.2	2992.1
1	0350	47	65.	25.4	3000.2	*	1	1210	147	70.	35.0	3002.4	*	1	2030	247	4.	.2	2992.1
1	0355	48	67.	30.0	3001.3	*	1	1215	148	70.	34.5	3002.3	*	1	2035	248	3.	.2	2992.1
1	0400	49	70.	34.6	3002.3	*	1	1220	149	69.	34.0	3002.2	*	1	2040	249	3.	.2	2992.1
1	0405	50	72.	38.8	3003.3	*	1	1225	150	69.	33.6	3002.1	*	1	2045	250	3.	.1	2992.1
1	0410	51	74.	42.8	3004.2	*	1	1230	151	69.	33.1	3002.0	*	1	2050	251	2.	.1	2992.1
1	0415	52	75.	46.3	3005.0	*	1	1235	152	69.	32.6	3001.9	*	1	2055	252	2.	.1	2992.0
1	0420	53	77.	49.4	3005.6	*	1	1240	153	68.	32.1	3001.8	*	1	2100	253	2.	.1	2992.0
1	0425	54	78.	52.1	3006.1	*	1	1245	154	68.	31.7	3001.7	*	1	2105	254	2.	.1	2992.0
1	0430	55	79.	54.5	3006.5	*	1	1250	155	68.	31.2	3001.6	*	1	2110	255	1.	.1	2992.0
1	0435	56	79.	56.6	3006.9	*	1	1255	156	68.	30.7	3001.5	*	1	2115	256	1.	.1	2992.0
1	0440	57	80.	58.6	3007.2	*	1	1300	157	68.	30.3	3001.4	*	1	2120	257	1.	.1	2992.0
1	0445	58	81.	60.4	3007.6	*	1	1305	158	67.	29.8	3001.3	*	1	2125	258	1.	.0	2992.0
1	0450	59	81.	62.1	3007.9	*	1	1310	159	67.	29.3	3001.1	*	1	2130	259	1.	.0	2992.0
1	0455	60	82.	63.7	3008.2	*	1	1315	160	67.	28.9	3001.0	*	1	2135	260	1.	.0	2992.0
1	0500	61	83.	65.2	3008.4	*	1	1320	161	67.	28.4	3000.9	*	1	2140	261	1.	.0	2992.0
1	0505	62	83.	66.6	3008.7	*	1	1325	162	66.	28.0	3000.8	*	1	2145	262	1.	.0	2992.0
1	0510	63	84.	67.9	3008.9	*	1	1330	163	66.	27.5	3000.7	*	1	2150	263	0.	.0	2992.0
1	0515	64	84.	69.0	3009.1	*	1	1335	164	66.	27.0	3000.6	*	1	2155	264	0.	.0	2992.0
1	0520	65	84.	70.0	3009.3	*	1	1340	165	66.	26.6	3000.5	*	1	2200	265	0.	.0	2992.0
1	0525	66	85.	70.7	3009.4	*	1	1345	166	66.	26.1	3000.4	*	1	2205	266	0.	.0	2992.0
1	0530	67	85.	71.3	3009.6	*	1	1350	167	65.	25.7	3000.3	*	1	2210	267	0.	.0	2992.0
1	0535	68	85.	71.8	3009.6	*	1	1355	168	65.	25.2	3000.2	*	1	2215	268	0.	.0	2992.0
1	0540	69	85.	72.1	3009.7	*	1	1400	169	65.	24.8	3000.1	*	1	2220	269	0.	.0	2992.0
1	0545	70	85.	72.3	3009.7	*	1	1405	170	65.	24.3	3000.0	*	1	2225	270	0.	.0	2992.0
1	0550	71	85.	72.4	3009.7	*	1	1410	171	64.	23.9	2999.9	*	1	2230	271	0.	.0	2992.0
1	0555	72	85.	72.4	3009.7	*	1	1415	172	64.	23.5	2999.7	*	1	2235	272	0.	.0	2992.0
1	0600	73	85.	72.3	3009.7	*	1	1420	173	64.	23.0	2999.6	*	1	2240	273	0.	.0	2992.0
1	0605	74	85.	72.1	3009.7	*	1	1425	174	63.	22.6	2999.5	*	1	2245	274	0.	.0	2992.0
1	0610	75	85.	71.9	3009.7	*	1	1430	175	63.	22.1	2999.4	*	1	2250	275	0.	.0	2992.0
1	0615	76	85.	71.6	3009.6	*	1	1435	176	63.	21.7	2999.2	*	1	2255	276	0.	.0	2992.0
1	0620	77	85.	71.3	3009.6	*	1	1440	177	62.	21.3	2999.1	*	1	2300	277	0.	.0	2992.0
1	0625	78	85.	70.9	3009.5	*	1	1445	178	62.	20.9	2999.0	*	1	2305	278	0.	.0	2992.0
1	0630	79	85.	70.5	3009.4	*	1	1450	179	62.	20.4	2998.8	*	1	2310	279	0.	.0	2992.0
1	0635	80	84.	70.1	3009.3	*	1	1455	180	61.	20.0	2998.7	*	1	2315	280	0.	.0	2992.0
1	0640	81	84.	69.7	3009.3	*	1	1500	181	61.	19.6	2998.6	*	1	2320	281	0.	.0	2992.0
1	0645	82	84.	69.2	3009.2	*	1	1505	182	61.	19.2	2998.5	*	1	2325	282	0.	.0	2992.0
1	0650	83	84.	68.7	3009.1	*	1	1510	183	60.	18.8	2998.3	*	1	2330	283	0.	.0	2992.0
1	0655	84	84.	68.2	3009.0	*	1	1515	184	60.	18.3	2998.2	*	1	2335	284	0.	.0	2992.0
1	0700	85	84.	67.6	3008.9	*	1	1520	185	59.	17.9	2998.1	*	1	2340	285	0.	.0	2992.0
1	0705	86	83.	67.1	3008.8	*	1	1525	186	59.	17.5	2998.0	*	1	2345	286	0.	.0	2992.0
1	0710	87	83.	66.6	3008.7	*	1	1530	187	59.	17.1	2997.8	*	1	2350	287	0.	.0	2992.0
1	0715	88	83.	66.0	3008.6	*	1	1535	188	58.	16.7	2997.7	*	1	2355	288	0.	.0	2992.0
1	0720	89	83.	65.5	3008.5	*	1	1540	189	58.	16.3	2997.6	*	2	0000	289	0.	.0	2992.0
1	0725	90	83.	64.9	3008.4	*	1	1545	190	58.	15.9	2997.5	*	2	0005	290	0.	.0	2992.0
1	0730	91	82.	64.4	3008.3	*	1	1550	191	58.	15.5	2997.4	*	2	0010	291	0.	.0	2992.0
1	0735	92	82.	63.8	3008.2	*	1	1555	192	57.	15.1	2997.3	*	2	0015	292	0.	.0	2992.0
1	0740	93	82.	63.3	3008.1	*	1	1600	193	57.	14.7	2997.1	*	2	0020	293	0.	.0	2992.0
1	0745	94	82.	62.7	3008.0	*	1	1605	194	57.	14.3	2997.0	*	2	0025	294	0.	.0	2992.0
1	0750	95	81.	62.1	3007.9	*	1	1610	195	56.	13.9	2996.9	*	2	0030	295	0.	.0	2992.0
1	0755	96	81.	61.6	3007.8	*	1	1615	196	56.	13.6	2996.8	*	2	0035	296	0.	.0	2992.0
1	0800	97	81.	61.0	3007.7	*	1	1620	197	56.	13.2	2996.7	*	2	0040	297	0.	.0	2992.0
1	0805	98	81.	60.5	3007.6	*	1	1625	198	55.	12.8	2996.6	*	2	0045	298	0.	.0	2992.0
1	0810	99	81.	59.9	3007.5	*	1	1630	199	55.	12.4	2996.4	*	2	0050	299	0.	.0	2992.0
1	0815	100	80.	59.4	3007.4	*	1	1635	200	55.	12.0	2996.3	*	2	0055	300	0.	.0	2992.0
						*							*						

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
(CFS)	(HR)	(CFS)				
85.	5.83		81.	49.	47.	47.
		(INCHES)	.744	1.781	1.781	1.781
		(AC-FT)	40.	96.	96.	96.

PEAK STORAGE	TIME		MAXIMUM AVERAGE STORAGE			
			6-HR	24-HR	72-HR	24.92-HR
(AC-FT)	(HR)					
72.	5.83		61.	25.	24.	24.

PEAK STAGE	TIME		MAXIMUM AVERAGE STAGE			
			6-HR	24-HR	72-HR	24.92-HR
(FEET)	(HR)					
3009.74	5.83		3007.76	2998.88	2998.63	2998.63

CUMULATIVE AREA = 1.01 SQ MI

HYDROGRAPH AT STATION RDB2
PLAN 1, RATIO = .97

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1		0000	1	0.	.0	2992.0	1		0820	101	80.	57.6	3007.1	1		1640	201	54.	10.9	2996.0
1		0005	2	0.	.0	2992.0	1		0825	102	80.	57.1	3007.0	1		1645	202	53.	10.5	2995.9
1		0010	3	0.	.0	2992.0	1		0830	103	79.	56.5	3006.9	1		1650	203	53.	10.1	2995.8
1		0015	4	0.	.0	2992.0	1		0835	104	79.	56.0	3006.8	1		1655	204	53.	9.8	2995.6
1		0020	5	0.	.0	2992.0	1		0840	105	79.	55.5	3006.7	1		1700	205	53.	9.4	2995.5
1		0025	6	1.	.0	2992.0	1		0845	106	79.	54.9	3006.6	1		1705	206	52.	9.0	2995.4
1		0030	7	1.	.1	2992.0	1		0850	107	78.	54.4	3006.5	1		1710	207	52.	8.7	2995.3
1		0035	8	2.	.1	2992.0	1		0855	108	78.	53.8	3006.4	1		1715	208	52.	8.3	2995.2
1		0040	9	2.	.1	2992.1	1		0900	109	78.	53.3	3006.3	1		1720	209	51.	8.0	2995.1
1		0045	10	3.	.1	2992.1	1		0905	110	78.	52.8	3006.2	1		1725	210	51.	7.6	2995.0
1		0050	11	3.	.2	2992.1	1		0910	111	78.	52.2	3006.1	1		1730	211	51.	7.3	2994.9
1		0055	12	3.	.2	2992.1	1		0915	112	77.	51.7	3006.0	1		1735	212	50.	6.9	2994.7
1		0100	13	4.	.2	2992.1	1		0920	113	77.	51.2	3005.9	1		1740	213	50.	6.6	2994.6
1		0105	14	4.	.2	2992.1	1		0925	114	77.	50.6	3005.8	1		1745	214	49.	6.2	2994.5
1		0110	15	4.	.2	2992.1	1		0930	115	77.	50.1	3005.7	1		1750	215	49.	5.9	2994.4
1		0115	16	4.	.2	2992.1	1		0935	116	77.	49.6	3005.6	1		1755	216	48.	5.6	2994.2
1		0120	17	5.	.3	2992.1	1		0940	117	76.	49.0	3005.5	1		1800	217	48.	5.2	2994.1
1		0125	18	5.	.3	2992.1	1		0945	118	76.	48.5	3005.4	1		1805	218	48.	4.9	2994.0
1		0130	19	6.	.3	2992.1	1		0950	119	76.	48.0	3005.3	1		1810	219	47.	4.6	2993.8
1		0135	20	8.	.4	2992.2	1		0955	120	76.	47.5	3005.2	1		1815	220	47.	4.2	2993.7
1		0140	21	10.	.5	2992.2	1		1000	121	76.	47.0	3005.1	1		1820	221	46.	3.9	2993.6
1		0145	22	12.	.6	2992.3	1		1005	122	75.	46.4	3005.0	1		1825	222	46.	3.6	2993.5
1		0150	23	15.	.8	2992.3	1		1010	123	75.	45.9	3004.9	1		1830	223	46.	3.3	2993.4
1		0155	24	17.	.9	2992.4	1		1015	124	75.	45.4	3004.8	1		1835	224	45.	3.0	2993.2
1		0200	25	19.	1.0	2992.4	1		1020	125	75.	44.9	3004.7	1		1840	225	45.	2.7	2993.1
1		0205	26	20.	1.1	2992.5	1		1025	126	74.	44.4	3004.6	1		1845	226	44.	2.4	2993.0
1		0210	27	22.	1.2	2992.5	1		1030	127	74.	43.9	3004.4	1		1850	227	39.	2.1	2992.9
1		0215	28	24.	1.2	2992.5	1		1035	128	74.	43.3	3004.3	1		1855	228	35.	1.8	2992.8
1		0220	29	26.	1.4	2992.6	1		1040	129	74.	42.8	3004.2	1		1900	229	30.	1.6	2992.7
1		0225	30	29.	1.5	2992.6	1		1045	130	73.	42.3	3004.1	1		1905	230	27.	1.4	2992.6
1		0230	31	32.	1.7	2992.7	1		1050	131	73.	41.8	3004.0	1		1910	231	23.	1.2	2992.5
1		0235	32	35.	1.8	2992.8	1		1055	132	73.	41.3	3003.9	1		1915	232	20.	1.1	2992.5
1		0240	33	37.	2.0	2992.8	1		1100	133	73.	40.8	3003.8	1		1920	233	18.	.9	2992.4
1		0245	34	40.	2.1	2992.9	1		1105	134	72.	40.3	3003.6	1		1925	234	16.	.8	2992.4
1		0250	35	44.	2.3	2993.0	1		1110	135	72.	39.8	3003.5	1		1930	235	14.	.7	2992.3
1		0255	36	45.	2.4	2993.0	1		1115	136	72.	39.3	3003.4	1		1935	236	12.	.6	2992.3
1		0300	37	45.	2.6	2993.1	1		1120	137	72.	38.8	3003.3	1		1940	237	11.	.6	2992.2
1		0305	38	45.	2.8	2993.2	1		1125	138	71.	38.3	3003.2	1		1945	238	9.	.5	2992.2
1		0310	39	45.	3.1	2993.3	1		1130	139	71.	37.8	3003.1	1		1950	239	8.	.4	2992.2
1		0315	40	46.	3.6	2993.5	1		1135	140	71.	37.4	3003.0	1		1955	240	7.	.4	2992.2
1		0320	41	47.	4.6	2993.8	1		1140	141	71.	36.9	3002.9	1		2000	241	6.	.3	2992.1
1		0325	42	49.	6.1	2994.4	1		1145	142	71.	36.4	3002.7	1		2005	242	6.	.3	2992.1
1		0330	43	52.	8.5	2995.3	1		1150	143	70.	35.9	3002.6	1		2010	243	5.	.3	2992.1
1		0335	44	54.	11.8	2996.3	1		1155	144	70.	35.4	3002.5	1		2015	244	4.	.2	2992.1
1		0340	45	58.	15.8	2997.5	1		1200	145	70.	34.9	3002.4	1		2020	245	4.	.2	2992.1
1		0345	46	61.	20.3	2998.8	1		1205	146	70.	34.5	3002.3	1		2025	246	3.	.2	2992.1
1		0350	47	65.	24.9	3000.1	1		1210	147	69.	34.0	3002.2	1		2030	247	3.	.2	2992.1
1		0355	48	67.	29.5	3001.2	1		1215	148	69.	33.5	3002.1	1		2035	248	3.	.1	2992.1
1		0400	49	69.	33.9	3002.2	1		1220	149	69.	33.0	3002.0	1		2040	249	2.	.1	2992.0
1		0405	50	71.	38.2	3003.2	1		1225	150	69.	32.5	3001.9	1		2045	250	2.	.1	2992.0
1		0410	51	73.	42.0	3004.0	1		1230	151	68.	32.1	3001.8	1		2050	251	2.	.1	2992.0
1		0415	52	75.	45.5	3004.8	1		1235	152	68.	31.6	3001.7	1		2055	252	1.	.1	2992.0
1		0420	53	76.	48.6	3005.4	1		1240	153	68.	31.1	3001.6	1		2100	253	1.	.1	2992.0
1		0425	54	77.	51.2	3005.9	1		1245	154	68.	30.7	3001.4	1		2105	254	1.	.1	2992.0

1	0430	55	78.	53.6	3006.3	*	1	1250	155	68.	30.2	3001.3	*	1	2110	255	1.	.1	2992.0
1	0435	56	79.	55.7	3006.7	*	1	1255	156	67.	29.7	3001.2	*	1	2115	256	1.	.0	2992.0
1	0440	57	80.	57.6	3007.1	*	1	1300	157	67.	29.3	3001.1	*	1	2120	257	1.	.0	2992.0
1	0445	58	80.	59.3	3007.4	*	1	1305	158	67.	28.8	3001.0	*	1	2125	258	1.	.0	2992.0
1	0450	59	81.	61.0	3007.7	*	1	1310	159	67.	28.4	3000.9	*	1	2130	259	1.	.0	2992.0
1	0455	60	82.	62.6	3008.0	*	1	1315	160	66.	27.9	3000.8	*	1	2135	260	1.	.0	2992.0
1	0500	61	82.	64.1	3008.2	*	1	1320	161	66.	27.4	3000.7	*	1	2140	261	0.	.0	2992.0
1	0505	62	83.	65.5	3008.5	*	1	1325	162	66.	27.0	3000.6	*	1	2145	262	0.	.0	2992.0
1	0510	63	83.	66.8	3008.7	*	1	1330	163	66.	26.5	3000.5	*	1	2150	263	0.	.0	2992.0
1	0515	64	84.	67.9	3008.9	*	1	1335	164	66.	26.1	3000.4	*	1	2155	264	0.	.0	2992.0
1	0520	65	84.	68.8	3009.1	*	1	1340	165	65.	25.6	3000.3	*	1	2200	265	0.	.0	2992.0
1	0525	66	84.	69.5	3009.2	*	1	1345	166	65.	25.2	3000.2	*	1	2205	266	0.	.0	2992.0
1	0530	67	84.	70.1	3009.3	*	1	1350	167	65.	24.7	3000.1	*	1	2210	267	0.	.0	2992.0
1	0535	68	85.	70.6	3009.4	*	1	1355	168	65.	24.3	3000.0	*	1	2215	268	0.	.0	2992.0
1	0540	69	85.	70.9	3009.5	*	1	1400	169	64.	23.8	2999.9	*	1	2220	269	0.	.0	2992.0
1	0545	70	85.	71.1	3009.5	*	1	1405	170	64.	23.4	2999.7	*	1	2225	270	0.	.0	2992.0
1	0550	71	85.	71.1	3009.5	*	1	1410	171	64.	23.0	2999.6	*	1	2230	271	0.	.0	2992.0
1	0555	72	85.	71.1	3009.5	*	1	1415	172	63.	22.5	2999.5	*	1	2235	272	0.	.0	2992.0
1	0600	73	85.	71.0	3009.5	*	1	1420	173	63.	22.1	2999.3	*	1	2240	273	0.	.0	2992.0
1	0605	74	85.	70.9	3009.5	*	1	1425	174	63.	21.7	2999.2	*	1	2245	274	0.	.0	2992.0
1	0610	75	85.	70.7	3009.4	*	1	1430	175	62.	21.2	2999.1	*	1	2250	275	0.	.0	2992.0
1	0615	76	85.	70.4	3009.4	*	1	1435	176	62.	20.8	2999.0	*	1	2255	276	0.	.0	2992.0
1	0620	77	84.	70.1	3009.3	*	1	1440	177	61.	20.4	2998.8	*	1	2300	277	0.	.0	2992.0
1	0625	78	84.	69.7	3009.3	*	1	1445	178	61.	20.0	2998.7	*	1	2305	278	0.	.0	2992.0
1	0630	79	84.	69.3	3009.2	*	1	1450	179	61.	19.5	2998.6	*	1	2310	279	0.	.0	2992.0
1	0635	80	84.	68.9	3009.1	*	1	1455	180	60.	19.1	2998.4	*	1	2315	280	0.	.0	2992.0
1	0640	81	84.	68.4	3009.0	*	1	1500	181	60.	18.7	2998.3	*	1	2320	281	0.	.0	2992.0
1	0645	82	84.	67.9	3008.9	*	1	1505	182	60.	18.3	2998.2	*	1	2325	282	0.	.0	2992.0
1	0650	83	84.	67.4	3008.8	*	1	1510	183	59.	17.9	2998.1	*	1	2330	283	0.	.0	2992.0
1	0655	84	83.	66.9	3008.8	*	1	1515	184	59.	17.5	2998.0	*	1	2335	284	0.	.0	2992.0
1	0700	85	83.	66.4	3008.7	*	1	1520	185	59.	17.1	2997.8	*	1	2340	285	0.	.0	2992.0
1	0705	86	83.	65.9	3008.6	*	1	1525	186	58.	16.7	2997.7	*	1	2345	286	0.	.0	2992.0
1	0710	87	83.	65.3	3008.5	*	1	1530	187	58.	16.3	2997.6	*	1	2350	287	0.	.0	2992.0
1	0715	88	82.	64.8	3008.4	*	1	1535	188	58.	15.9	2997.5	*	1	2355	288	0.	.0	2992.0
1	0720	89	82.	64.3	3008.3	*	1	1540	189	57.	15.5	2997.4	*	2	0000	289	0.	.0	2992.0
1	0725	90	82.	63.7	3008.2	*	1	1545	190	57.	15.1	2997.2	*	2	0005	290	0.	.0	2992.0
1	0730	91	82.	63.2	3008.1	*	1	1550	191	57.	14.7	2997.1	*	2	0010	291	0.	.0	2992.0
1	0735	92	82.	62.6	3008.0	*	1	1555	192	57.	14.3	2997.0	*	2	0015	292	0.	.0	2992.0
1	0740	93	81.	62.1	3007.9	*	1	1600	193	56.	13.9	2996.9	*	2	0020	293	0.	.0	2992.0
1	0745	94	81.	61.5	3007.8	*	1	1605	194	56.	13.5	2996.8	*	2	0025	294	0.	.0	2992.0
1	0750	95	81.	61.0	3007.7	*	1	1610	195	56.	13.1	2996.7	*	2	0030	295	0.	.0	2992.0
1	0755	96	81.	60.4	3007.6	*	1	1615	196	55.	12.7	2996.5	*	2	0035	296	0.	.0	2992.0
1	0800	97	81.	59.8	3007.5	*	1	1620	197	55.	12.4	2996.4	*	2	0040	297	0.	.0	2992.0
1	0805	98	80.	59.3	3007.4	*	1	1625	198	55.	12.0	2996.3	*	2	0045	298	0.	.0	2992.0
1	0810	99	80.	58.7	3007.3	*	1	1630	199	54.	11.6	2996.2	*	2	0050	299	0.	.0	2992.0
1	0815	100	80.	58.2	3007.2	*	1	1635	200	54.	11.2	2996.1	*	2	0055	300	0.	.0	2992.0
						*							*						

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PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ (CFS)	(HR)	(CFS)				
+ 85.	5.83		81.	48.	46.	46.
		(INCHES)	.741	1.755	1.755	1.755
		(AC-FT)	40.	95.	95.	95.

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (AC-FT)	(HR)				
71.	5.83	60.	24.	23.	23.

PEAK STAGE	TIME	MAXIMUM AVERAGE STAGE			
		6-HR	24-HR	72-HR	24.92-HR
+ (FEET)	(HR)				
3009.52	5.83	3007.55	2998.73	2998.48	2998.48

CUMULATIVE AREA = 1.01 SQ MI

1

PEAK FLOW AND STAGE (END-OF-PERIOD) SUMMARY FOR MULTIPLE PLAN-RATIO ECONOMIC COMPUTATIONS
FLOWS IN CUBIC FEET PER SECOND, AREA IN SQUARE MILES
TIME TO PEAK IN HOURS

OPERATION	STATION	AREA	PLAN		RATIOS APPLIED TO PRECIPITATION RATIO 1 1.00	RATIO 2 .98	RATIO 3 .97
HYDROGRAPH AT							
+	OFF7	.01	1	FLOW	9.	9.	9.
				TIME	3.50	3.50	3.50
HYDROGRAPH AT							
+	OFF8	.21	1	FLOW	244.	237.	234.

				TIME	3.75	3.75	3.75
2 COMBINED AT							
+	CP2	.22	1	FLOW	249.	242.	238.
				TIME	3.75	3.75	3.75
HYDROGRAPH AT							
+	OFF9	.11	1	FLOW	153.	149.	147.
				TIME	3.58	3.58	3.58
2 COMBINED AT							
+	CP2a	.33	1	FLOW	395.	384.	379.
				TIME	3.67	3.67	3.67
HYDROGRAPH AT							
+	OFF10	.65	1	FLOW	508.	494.	486.
				TIME	4.08	4.08	4.08
HYDROGRAPH AT							
+	ON2	.03	1	FLOW	66.	65.	64.
				TIME	3.50	3.50	3.50
3 COMBINED AT							
+	DB2	1.01	1	FLOW	774.	752.	741.
				TIME	3.83	3.83	3.83
ROUTED TO							
+	RDB2	1.01	1	FLOW	86.	85.	85.
				TIME	5.83	5.83	5.83
				** PEAK STAGES IN FEET **			
			1	STAGE	3010.16	3009.74	3009.52
				TIME	5.83	5.83	5.83

REFERENCED FLOW

*** NORMAL END OF HEC-1 ***

APPENDIX L

Reference Material

Technical Drainage Study for Skye Canyon Somerset Academy, by Slater Hanifan Group

Approval Letter

CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM			DATE: Revised August 17, 2017
TO: **Land Development Services** Department of Building & Safety			FROM: Albert Sung, P.E. Flood Control Project Engineer Department of Public Works
SUBJECT:	Drainage Study for: **Skye Canyon Somerset Academy**		**COPIES TO:** Slater Hanifan Group
Cross Streets:	NWC of Shaumber Rd. & Grand Teton Dr.		Ethos Three Architecture
File Number:	F:\Depot\DSMemos\DS4841C-Rev.doc		Bart Anderson, P.E., DevCo
Parcel Number:	126-12-000-001		
Zoning Action:	FMP-66249, SDR-66779		
FEMA Flood Zone	YES	NO **X**	
Proposed Storm Drain	YES **X**	NO	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1st Submittal	11/3/2016	12/1/2016	Not Approved	$400.00	464191: $400
2nd Submittal	12/15/2016	1/3/2017	Not Approved	$400.00	469102: $400
3rd Submittal	6/19/2017	7/6/2017	Approved	$400.00	488194: $400
Revision	8/8/2017 & 8/17/2017	8/17/2017	See Comments Below	N/C	N/C
			TOTAL FEES (LDDRS):	**$1,200.00**	**----**

REMARKS:

The Drainage Study for the subject project has been reviewed and:

X	is approved subject to conformance to all City standards and the following conditions:
	must be resubmitted or supplemented including the following:
	is conditionally approved subject to Clark County Regional Flood Control District concurrence.

Land Development:

1. The project proposes to build a temporary drainage facility along the southern and western boundary. Prior to final plan approval the developer must complete a maintenance and liability agreement for the interim drainage improvements (off-site berms or channels) and post a minimum maintenance bond of $25,000 or 25-percent of the construction cost for the improvements, whichever is greater. The engineer must submit an estimate of the quantities for constructing the facility and an 8.5-inch by 11-inch exhibit that adequately shows the location and limits of the drainage facility to *Flood Control* for approval. Once the drainage study is conditionally approved, the engineer should contact the *City's Land Development Section* (229-6371) to begin the agreement process.

   In order for the maintenance bond to be released in the future, a drainage update / letter will be required to justify that the offsite berms / channels are no longer necessary and can be removed.

2. No ***Certificate of Occupancy*** on the **Somerset Academy School** will be issued until after the detention basin has been accepted for Substantial Completion by the City.

3. *Shaumber Road* and the associated storm drain system must be fully constructed prior to the issuance of occupancy permits for the subject development.

4. All drainage easements must be public drainage easements to be privately maintained and labeled on the grading plans and to be dedicated as such by separate document prior to the final approval of the subject drainage study.
5. All drainage improvements within Public Drainage Easements must be bonded and inspected.

NOTE: Any future changes to the proposed design (or design assumptions) as outlined in the approved drainage study and attached preliminary grading plan which affect drainage must be addressed in a Drainage Study Update and accepted by the *City of Las Vegas Flood Control Section.* Additionally, conditional acceptance of a drainage study is valid for a period of one (1) year. If the proposed construction has not been completed in that time period, the *City of Las Vegas* reserves the right to require additional conditions and/or submission and acceptance of a complete drainage study update prior to further construction of a project.

NOTE: Please be advised that all land surface area disturbances over 1 acre or any area adjacent to a water way must submit to the *Nevada Division of Environmental Protection* a "Notice of Intent" to discharge that certifies a stormwater pollution prevention plan has been developed and is maintained on site; for inclusion in the Stormwater General Permit No. NVR100000. A phased construction unit in a contiguous subdivision is considered under construction until all stripped or disturbed surface areas have been covered by paving, building construction or planting. For more information, including forms and applications see http://ndep.nv.gov/bwpc/storm01.htm or call (775) 687-9429.

END OF REMARKS

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T/R/S: T19S/R59E/12
AREA F-12

Referenced WSPG Model

*REFERENCED EXISTING ALIGNMENT MODEL (FACILITY PI TIE IN)


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0
T1 ETA1601.000 SOMERSET ACADEMY - TECHNICAL DRIANAGE STUDY
T2 SKYE CANYON MASTER PLANNED COMMUNITY
T3 EXISTING SHAUMBER TRUNK RE-ANALYSIS (BUILT BY PHASE 2 INFRASTRUCTURE)
T3 AND PROJECT SITE MAIN ALIGNMENT
SO   1000.002991.57 36                          2994.57
R    1268.002992.98 36      .013                                        1
JX   1268.002992.98 36 30   .013    32.0        2993.48        90.00
R    1389.002996.48 36      .013                                        1
JX   1389.002996.48 36 18 18.013     4.0     0.52997.982997.98 90.00 90.00
R    1575.003000.30 36      .013                                        1
JX   1575.003000.30 36 18   .013     2.0        3001.80        45.00
R    1922.003006.06 36      .013                                  90.00 1
R    1975.183007.55 36      .013                                  45.00 1
JX   1975.183007.55 36 24   .013     9.5        3008.55        90.00
R    1991.633007.72 36      .013                                  45.00 1
JX   1991.633007.72 36 18   .013     7.5        3009.22        71.00
R    2189.973011.68 36      .013                                        1
JX   2189.973011.68 36 12   .013     0.5        3013.68        90.00
R    2355.833015.00 36      .013                                        1
SH   2355.833015.00 36
CD  12  4              1.0
CD  18  4              1.5
CD  24  4              2.0
CD  30  4              2.5
CD  36  4              3.
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52.

DATE: 10/31/2016
TIME: 12:23

F0515P
WATER SURFACE PROFILE - CHANNEL DEFINITION LISTING PAGE 1

CARD CODE	SECT NO	CHN TYPE	NO OF PIERS	AVE PIER WIDTH	HEIGHT 1 DIAMETER	BASE WIDTH	ZL	ZR	INV DROP	Y(1)	Y(2)	Y(3)	Y(4)	Y(5)	Y(6)	Y(7)	Y(8)	Y(9)	Y(10)
CD	12	4			1.00														
CD	18	4			1.50														
CD	24	4			2.00														
CD	30	4			2.50														
CD	36	4			3.00														

F 0 5 1 5 P PAGE NO 3

WATER SURFACE PROFILE - TITLE CARD LISTING

HEADING LINE NO 1 IS -

ETA1601.000 SOMERSET ACADEMY - TECHNICAL DRIANAGE STUDY

HEADING LINE NO 2 IS -

SKYE CANYON MASTER PLANNED COMMUNITY

HEADING LINE NO 3 IS -

AND PROJECT SITE MAIN ALIGNMENT

F 0 5 1 5 P PAGE NO 2

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 1 IS A SYSTEM OUTLET

U/S DATA	STATION	INVERT	SECT	W S ELEV
	1000.00	2991.57	36	2994.57

ELEMENT NO 2 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1268.00	2992.98	36	0.013	0.00	0.00	0.00	1

ELEMENT NO 3 IS A JUNCTION

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1268.00	2992.98	36	30	0	0.013	32.0	0.0	2993.48	0.00	90.00	0.00

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 4 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1389.00	2996.48	36	0.013	0.00	0.00	0.00	1

ELEMENT NO 5 IS A JUNCTION

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1389.00	2996.48	36	18	18	0.013	4.0	0.5	2997.98	2997.98	90.00	90.00

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 6 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1575.00	3000.30	36	0.013	0.00	0.00	0.00	1

ELEMENT NO 7 IS A JUNCTION

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1575.00	3000.30	36	18	0	0.013	2.0	0.0	3001.80	0.00	45.00	0.00

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 8 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1922.00	3006.06	36	0.013	0.00	0.00	90.00	1

ELEMENT NO 9 IS A REACH

U/S DATA	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
	1975.18	3007.55	36	0.013	0.00	0.00	45.00	1

F 0 5 1 5 P PAGE NO 3

WATER SURFACE PROFILE - ELEMENT CARD LISTING

ELEMENT NO 10 IS A JUNCTION

U/S DATA	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
	1975.18	3007.55	36	24	0	0.013	9.5	0.0	3008.55	0.00	90.00	0.00

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 11 IS A REACH

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	1991.63	3007.72	36	0.013	0.00	0.00	45.00	1

ELEMENT NO 12 IS A JUNCTION

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	1991.63	3007.72	36	18	0	0.013	7.5	0.0	3009.22	0.00	71.00	0.00

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 13 IS A REACH

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	2189.97	3011.68	36	0.013	0.00	0.00	0.00	1

ELEMENT NO 14 IS A JUNCTION

	STATION	INVERT	SECT	LAT-1	LAT-2	N	Q3	Q4	INVERT-3	INVERT-4	PHI 3	PHI 4
U/S DATA	2189.97	3011.68	36	12	0	0.013	0.5	0.0	3013.68	0.00	90.00	0.00

THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING
THE ABOVE ELEMENT CONTAINED AN INVERT ELEV WHICH WAS NOT GREATER THAN THE PREVIOUS INVERT ELEV -WARNING

ELEMENT NO 15 IS A REACH

	STATION	INVERT	SECT	N	RADIUS	ANGLE	ANG PT	MAN H
U/S DATA	2355.83	3015.00	36	0.013	0.00	0.00	0.00	1

ELEMENT NO 16 IS A SYSTEM HEADWORKS

	STATION	INVERT	SECT	W S ELEV
U/S DATA	2355.83	3015.00	36	0.00

NO EDIT ERRORS ENCOUNTERED-COMPUTATION IS NOW BEGINNING
** WARNING NO. 2 ** - WATER SURFACE ELEVATION GIVEN IS LESS THAN OR EQUALS INVERT ELEVATION IN HDWKDS, W.S.ELEV = INV + DC ₹
LICENSEE: SLATER HANIFAN GROUP F0515P PAGE 1

WATER SURFACE PROFILE LISTING

ETA1601.000 SOMERSET ACADEMY - TECHNICAL DRIANAGE STUDY
SKYE CANYON MASTER PLANNED COMMUNITY
AND PROJECT SITE MAIN ALIGNMENT

STATION	INVERT ELEV	DEPTH OF FLOW	W.S. ELEV	Q	VEL	VEL HEAD	ENERGY GRD.EL.	SUPER ELEV	CRITICAL DEPTH	HGT/ DIA	BASE/ ID NO.	ZL	NO PIER	AVBPR
L/ELEM	SO					SF AVE	HF		NORM DEPTH			ZR		
1000.00	2991.57	3.000	2994.570	108.0	15.28	3.624	2998.194	0.00	2.922	3.00	0.00	0.00	0	0.00
268.00	0.00526					.026219	7.03		3.000			0.00		
1268.00	2992.98	8.798	3001.778	108.0	15.28	3.624	3005.402	0.00	2.922	3.00	0.00	0.00	0	0.00
JUNCT STR	0.00000					.019602	0.00					0.00		
1268.00	2992.98	12.458	3005.438	76.0	10.75	1.795	3007.233	0.00	2.730	3.00	0.00	0.00	0	0.00
121.00	0.02893					.012984	1.57		1.796			0.00		
1389.00	2996.48	10.618	3007.098	76.0	10.75	1.795	3008.893	0.00	2.730	3.00	0.00	0.00	0	0.00
JUNCT STR	0.00000					.012238	0.00					0.00		
1389.00	2996.48	11.031	3007.511	71.5	10.11	1.589	3009.100	0.00	2.677	3.00	0.00	0.00	0	0.00
186.00	0.02054					.011492	2.14		1.934			0.00		
1575.00	3000.30	9.428	3009.728	71.5	10.11	1.589	3011.317	0.00	2.677	3.00	0.00	0.00	0	0.00
JUNCT STR	0.00000					.011175	0.00					0.00		
1575.00	3000.30	9.596	3009.896	69.5	9.83	1.501	3011.397	0.00	2.651	3.00	0.00	0.00	0	0.00
347.00	0.01660					.010858	3.77		2.045			0.00		
1922.00	3006.06	8.125	3014.185	69.5	9.83	1.501	3015.686	0.00	2.651	3.00	0.00	0.00	0	0.00
53.18	0.02802					.010858	0.58		1.713			0.00		
1975.18	3007.55	7.510	3015.060	69.5	9.83	1.501	3016.561	0.00	2.651	3.00	0.00	0.00	0	0.00
JUNCT STR	0.00000					.009475	0.00					0.00		
1975.18	3007.55	8.275	3015.825	60.0	8.49	1.119	3016.944	0.00	2.502	3.00	0.00	0.00	0	0.00

```
   16.45  0.01033                                    .008092     0.13                    2.193                  0.00
 1991.63  3007.72    8.460  3016.180      60.0    8.49    1.119  3017.299   0.00    2.502            3.00    0.00  0.00   0   0.00
JUNCT STR  0.00000                                    .007144     0.00                                            0.00          ♀
LICENSEE: SLATER HANIFAN GROUP                                F0515P                                                   PAGE    2
                                                   WATER SURFACE PROFILE LISTING
                        ETA1601.000 SOMERSET ACADEMY - TECHNICAL DRIANAGE STUDY
                        SKYE CANYON MASTER PLANNED COMMUNITY
                        AND PROJECT SITE MAIN ALIGNMENT

 STATION    INVERT   DEPTH     W.S.        Q       VEL     VEL     ENERGY   SUPER  CRITICAL          HGT/   BASE/    ZL   NO  AVBPR
             ELEV   OF FLOW    ELEV                        HEAD    GRD.EL.   ELEV   DEPTH            DIA    ID NO.        PIER

 L/ELEM      SO                                          SF AVE     HF                    NORM DEPTH                  ZR
*****************************************************************************************************************************************
 1991.63  3007.72    8.939  3016.659      52.5    7.43    0.856  3017.515   0.00    2.356            3.00    0.00  0.00   0   0.00
  198.34  0.01997                                    .006196     1.23                    1.600                  0.00
 2189.97  3011.68    6.251  3017.931      52.5    7.43    0.856  3018.787   0.00    2.356            3.00    0.00  0.00   0   0.00
JUNCT STR  0.00000                                    .006137     0.00                                            0.00
 2189.97  3011.68    6.283  3017.963      52.0    7.36    0.840  3018.803   0.00    2.345            3.00    0.00  0.00   0   0.00
  165.86  0.02002                                    .006078     1.01                    1.590                  0.00
 2355.83  3015.00    4.013  3019.013      52.0    7.36    0.840  3019.853   0.00    2.345            3.00    0.00  0.00   0   0.00♀
                        ETA1601.000 SOMERSET ACADEMY - TECHNICAL DRIANAGE STUDY
                        SKYE CANYON MASTER PLANNED COMMUNITY
                        AND PROJECT SITE MAIN ALIGNMENT

                 .         .         .         .         .         .         .         .         .         .         .
 1000.00         .I        X           E                                                                          .    R
 1027.67         .                                                                                                  .
 1055.34         .                                                                                                  .
 1083.01         .                                                                                                  .
 1110.68         .                                                                                                  .
 1138.35         .                                                                                                  .
 1166.02         .                                                                                                  .
 1193.69         .                                                                                                  .
 1221.36         .                                                                                                  .
 1249.03         .                                                                                                  .
 1276.70         .    I         X                   W          E                                                    .    JX
 1304.37         .    I        CH                                W     E                                            .    R
 1332.04         .                                                                                                  .
 1359.71         .                                                                                                  .
 1387.38         .                                                                                                  .
 1415.05         .                I        X                        W     E                                          .    JX
 1442.72         .                I       CH                          W    E                                         .    R
 1470.39         .                                                                                                  .
 1498.06         .                                                                                                  .
 1525.73         .                                                                                                  .
 1553.40         .                                                                                                  .
 1581.07         .                            I        CH                    W    E                                  .    JX
 1608.74         .                            I        CH                    W     E                                 .    R
 1636.41         .                                                                                                  .
 1664.08         .                                                                                                  .
 1691.75         .                                                                                                  .
 1719.42         .                                                                                                  .
 1747.09         .                                                                                                  .
 1774.76         .                                                                                                  .
 1802.43         .                                                                                                  .
 1830.10         .                                                                                                  .
 1857.77         .                                                                                                  .
 1885.44         .                                                                                                  .
 1913.11         .                                                                                                  .
 1940.78         .                                                I        CH                W     E                .    R
 1968.45         .                                                                                                  .
 1996.12         .                                                    I        C H              W    E               .    JX
 2023.79         .                                                    I        C H                W   E              .    R
 2051.46         .                                                     I       C H                  W  E             .    JX
 2079.13         .                                                     I       C H                   W  E            .    R
 2106.80         .                                                                                                  .
 2134.47         .                                                                                                  .
 2162.14         .                                                                                                  .
```

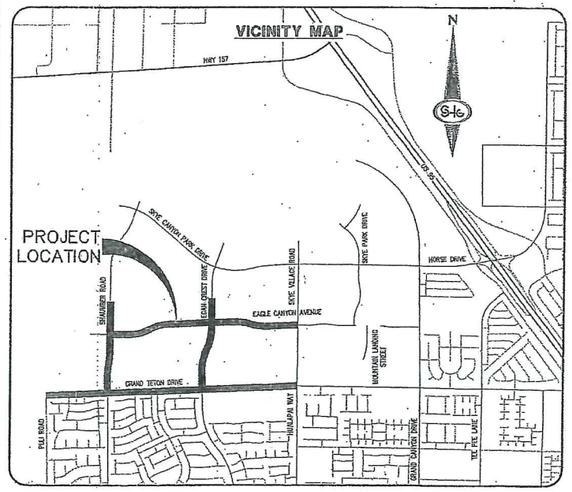
```
2189.81   .                                                                                                  .
2217.48   .                                                                  I       C H          W  E    .    JX
2245.15   .                                                                  I       C H          W  E    .    R
2272.82   .                                                                                                  .
2300.49   .                                                                                                  .
2328.16   .                                                                                                  .
2355.83   .                                                                          I       C H   W E .    R
           .        .        .        .        .        .        .        .        .        .        .
          2991.57  2994.40  2997.23  3000.06  3002.88  3005.71  3008.54  3011.37  3014.20  3017.03  3019.85
```

N O T E S
1. GLOSSARY
   I = INVERT ELEVATION
   C = CRITICAL DEPTH
   W = WATER SURFACE ELEVATION
   H = HEIGHT OF CHANNEL
   E = ENERGY GRADE LINE
   X = CURVES CROSSING OVER
   B = BRIDGE ENTRANCE OR EXIT
   Y = WALL ENTRANCE OR EXIT
2. STATIONS FOR POINTS AT A JUMP MAY NOT BE PLOTTED EXACTLY?

Pertinent Plan Profiles

* REFERENCED FROM THE SOMERSET ACADEMY STUDY

MASS GRADING
FOR
SKYE CANYON II PHASE 2



BENCHMARK

MONUMENT ID: USDA (1934) 19

U.S. DEPARTMENT OF AGRICULTURE BRASS DISC AT SOUTHWEST CORNER OF U.S. 95 AND KYLE CANYON ROAD

ELEVATION = 2817.61 FEET, 858.810 METERS
NAVD 88 DATUM

PER THE CITY OF LAS VEGAS BENCHMARK BOOK – 2008 ADJUSTMENT (UPDATED 05/24/2010)

BASIS OF BEARING

SOUTH 00°22'12" WEST, BEING THE BEARING OF THE WEST LINE OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 6, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN FILE 151, PAGE 14 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

OWNER

SECTION 12 LLC
% OLYMPIA COMPANIES LLC
11411 SOUTHERN HIGHLANDS
PARKWAY, SUITE 300
LAS VEGAS, NV 89141

DEVELOPER

NINETY-FIVE MANAGEMENT LLC
% OLYMPIA COMPANIES LLC
11411 SOUTHERN HIGHLANDS
PARKWAY, SUITE 300
LAS VEGAS, NV 89141
PH (702) 220-6565
FX (702) 220-6566

ENGINEER

SLATER HANIFAN GROUP
5740 S. ARVILLE STREET #216
LAS VEGAS, NV 89118
(702) 284-5300

CALL BEFORE YOU DIG 1-702-227-2929

FAST Call before you UnderGround. 1-702-432-5300

Call before you Dig Avoid striking underground utility lines. It's simple. Call 811 or 1-800-227-2600

APPROVALS

CITY ENGINEER–ALLEN E. PAVELKA PE #9029 — 11-30-16 DATE

APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED OF RIGHT-OF-WAY, AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIALLY LISTED UNDER DEVIATIONS FORM STANDARDS. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STANDARDS IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, CLARK COUNTY AREA, NEVADA.

CHRIS KNIGHT, DIRECTOR, BUILDING AND SAFETY — 11-21-16 DATE

THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT, ENGINEERING SERVICES MANAGER — DATE: 10/18/16
PROJECT NO. 124568
SHEETS: G-01 THRU G-03, SD-01 THRU SD-24

APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT;

LAS VEGAS FIRE AND RESCUE — 9/13/16 DATE

NV ENERGY — 4-16-2016 DATE

NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

CENTRAL TELEPHONE CO, DBA CENTURYLINK — 6/17/2016 DATE

THE AFFIXED CENTRAL TELEPHONE CO, DBA CENTURYLINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.

SOUTHWEST GAS — 8-4-16 DATE

COX COMMUNICATIONS LAS VEGAS, INC. — 6-22-16 DATE

INDEX OF DRAWINGS

SHT. NO.	DWG. NO.	DESCRIPTION
1	G-01	COVER SHEET
2	G-02	GENERAL NOTES
3	G-03	ABBREVIATIONS, KEY MAP, LEGEND AND QUANTITIES
4	SD-01	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 14+00.00 TO "GTD" 23+50.00
5	SD-02	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 23+50.00 TO "GTD" 33+00.00
6	SD-03	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 33+00.00 TO "GTD" 42+50.00
7	SD-04	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 42+50.00 TO "GTD" 52+00.00
8	SD-05	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 52+00.00 TO "GTD" 61+50.00
9	SD-06	GRAND TETON DRIVE STORM DRAIN PLAN AND PROFILE "GTD" 61+50.00 TO "GTD" 71+00.00
10	SD-07	SHAUMBER ROAD STORM DRAIN PLAN AND PROFILE "SR" 8+00.00 TO "SR" 16+50.00
11	SD-08	SHAUMBER ROAD STORM DRAIN PLAN AND PROFILE "SR" 16+50.00 TO "SR" 25+50.00
12	SD-09	SHAUMBER ROAD STORM DRAIN PLAN AND PROFILE "SR" 25+50.00 TO "SR" 30+00.00
13	SD-10	EGAN CREST DRIVE STORM DRAIN PLAN AND PROFILE "ECD" 8+00.00 TO "ECD" 15+50.00
14	SD-11	EGAN CREST DRIVE STORM DRAIN PLAN AND PROFILE "ECD" 15+50.00 TO "ECD" 21+00.00
15	SD-12	EGAN CREST DRIVE STORM DRAIN PLAN AND PROFILE "ECD" 21+00.00 TO "ECD" 28+50.00
16	SD-13	EGAN CREST DRIVE STORM DRAIN PLAN AND PROFILE "ECD" 28+50.00 TO "ECD" 34+00.00
17	SD-14	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 25+00.00 TO "ECA" 33+00.00
18	SD-15	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 33+00.00 TO "ECA" 39+00.00
19	SD-16	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 39+00.00 TO "ECA" 47+00.00
20	SD-17	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 47+00.00 TO "ECA" 56+00.00
21	SD-18	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 56+00.00 TO "ECA" 63+00.00
22	SD-19	EAGLE CANYON AVENUE STORM DRAIN PLAN AND PROFILE "ECA" 63+00.00 TO "ECA" 71+50.00
23	SD-20	STORM DRAIN LATERAL PROFILES
24	SD-21	STORM DRAIN LATERAL PROFILES
25	SD-22	STORM DRAIN LATERAL PROFILES
26	SD-23	STORM DRAIN LATERAL PROFILES
27	SD-24	STORM DRAIN LATERAL PROFILES
28	SD-25	STORM DRAIN DETAILS
29	SD-26	STORM DRAIN DETAILS
30	GR-01	GRADING PLAN 1
31	GR-02	GRADING PLAN 2
32	GR-03	GRADING PLAN 3
	S0.1	GENERAL STRUCTURAL NOTES
	S0.2	TYPICAL DETAILS
	S1.1	PLAN AND SECTION

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN	9-15-16			

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 2 MASS GRADING

COVER SHEET

DATE: 6/16/16
DRAFTER: JAS
DESIGNER: DAM
CHECKED: JSR
PROJECT NO. OLY1501-001

PROFESSIONAL ENGINEER – STATE OF NEVADA – JERRY J. SLATER – Exp. 06/30/2018 – CIVIL – No. 14167

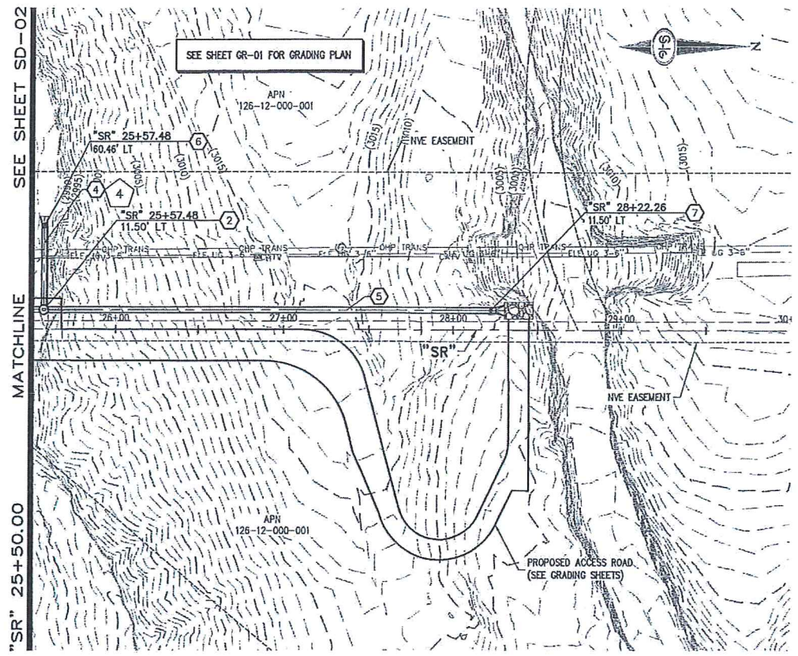
G-01
SHEET 1 OF 32

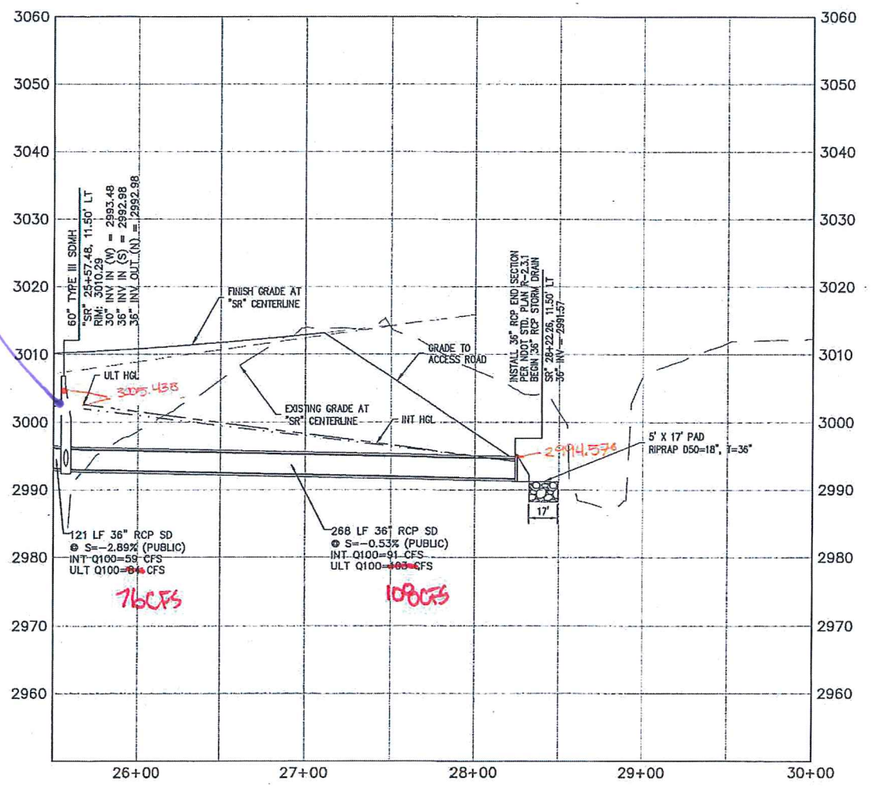
H=638.75
107V 67.50

PROJ#:124568 QS:126:P3W1

Derick D.J Yoo

PROPOSED HGL BELOW PREVIOUSLY APPROVED





— 3B, 3C PROPOSED HGL

PROPOSED HGL 3004.30

STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1)
2. CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
3. INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)
4. INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
5. INSTALL 35" RCP (USDCCA STD. DWG. NO. 503.2)
6. INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
7. INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
8. INSTALL 18" WATER QUALITY FVC (C905)

NOTES

1. ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCB/RCA.
3. ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDCCA STD. DWG. NO. 421.
4. SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
5. ALL PIPES ARE PUBLICLY MAINTAINED.
6. SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.

DROP INLET NOTE

WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE:

CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS. BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND

(1) STORM DRAIN LATERAL # (SEE SHEET SD-04)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4739A ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

JERRY SLATER, P.E. 14167 — 5/9/16 DATE

FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE 'X' (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL:32003C1750C, DATED SEPTEMBER 27, 2002

NOTE:

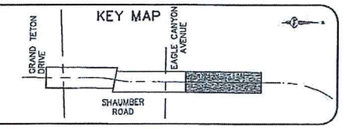
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER — DATE

PROJECT NO. XXXXXX

KEY MAP



SCALE 40 0 40 80 FEET

CALL BEFORE YOU DIG OVERHEAD 1-702-227-2929

FAST Call before you UnderGround. 1-702-432-3300

Call before you Dig Call 811 or 1-800-227-2600

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON PHASE 2
SHAUMBER ROAD
STORM DRAIN PLAN AND PROFILE - "SR" 25+50.00 TO "SR" 30+00.00

DATE: 4/5/16
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR
PROJECT NO. OLY1501-001

PROFESSIONAL ENGINEER STATE OF NEVADA JERRY J. SLATER Exp. 06/30/2016 CIVIL No. 14167 5/9/16

SD-03
SHEET 18 OF 26

APPENDIX M

Reference Material

30% Design Report for Moccasin Rd CCRFCD Flood Control Facility, by Slater Hanifan Group

Location Map

30% DESIGN REPORT
Moccasin Rd CCRFCD Flood Control Facility
U.S. 95/ Rd Interchange to CCRFCD Facility LVUP 1076/1077

Las Vegas, Nevada

SHG Job No.: OLY1715.000
Date: October 2017

Prepared For:

Ninety Five Management, L.L.C.
11411 Southern Highlands Parkway, Suite 300
Las Vegas, Nevada 891141
Phone: 702-220-6565 ▪ Fax: 702-220-6566

Prepared By:

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS

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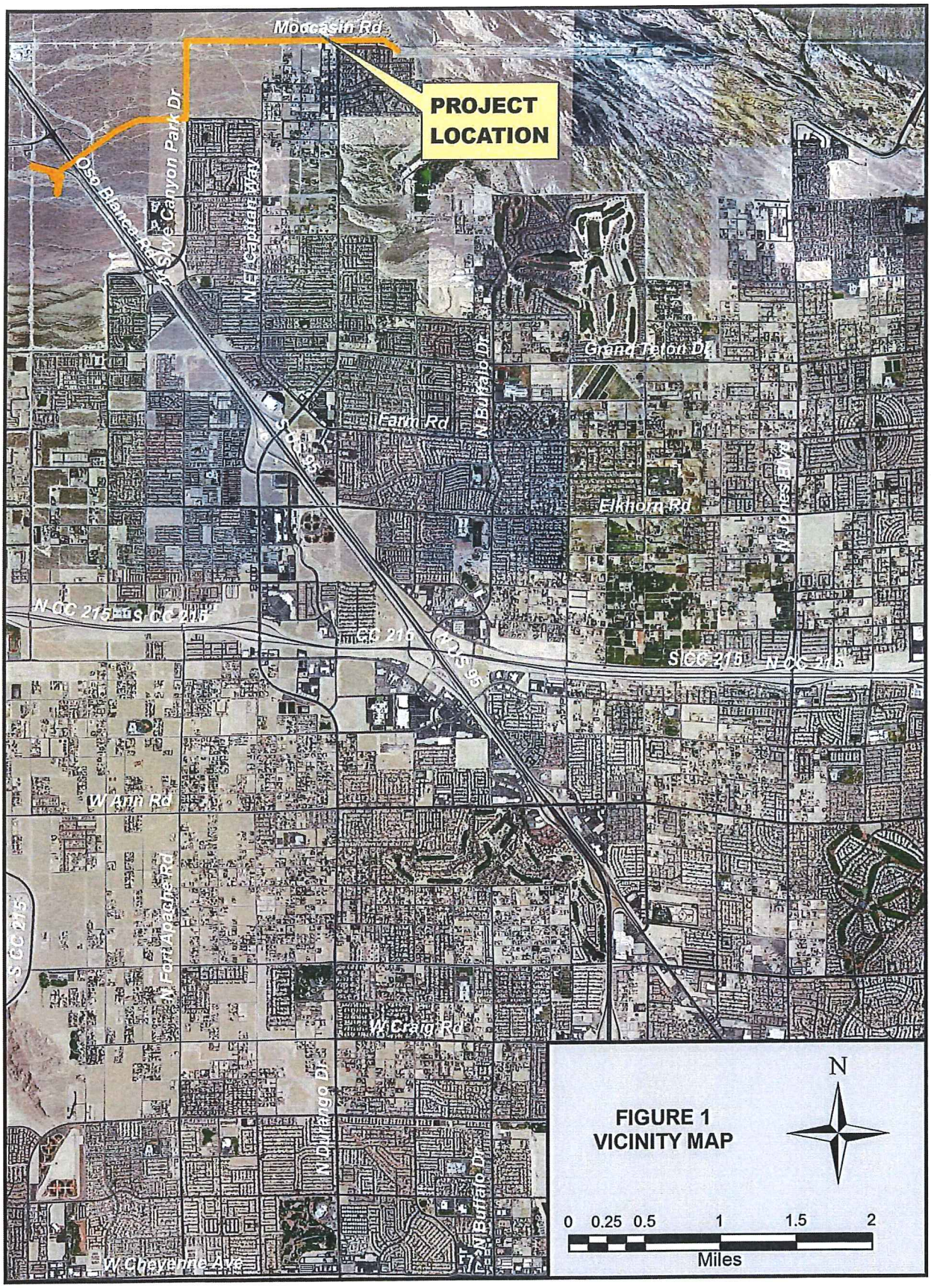
Fred Retzlaff, P.E.
NV Professional Engineer No. 15751

Assisted By:
Cameron Bencini, P.E.
Jonathan S. Rocha E.I.


Moccasin Rd
PROJECT LOCATION
Oso Blanca Rd
Sky Canyon Park Dr
N Eastonian Way
Grand Teton Dr
N Buffalo Dr
Earth Rd
Elkhorn Rd
N Chapel Blvd
N CC 215
S CC 215
W Ann Rd
N Fort Apache Rd
W Craig Rd
N Durango Dr
W Cheyenne Ave
N
FIGURE 1
VICINITY MAP
0 0.25 0.5 1 1.5 2
Miles

APPENDIX N

CD of Electronic Files, Grading Plan, Storm Drain Profiles and Detail Sheets