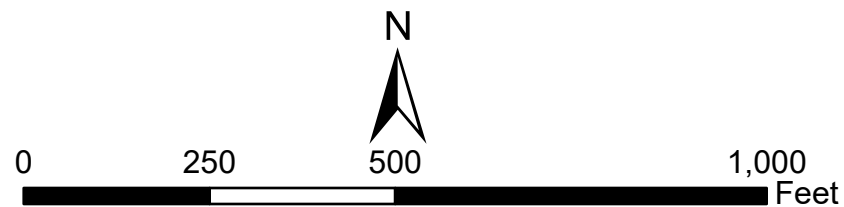
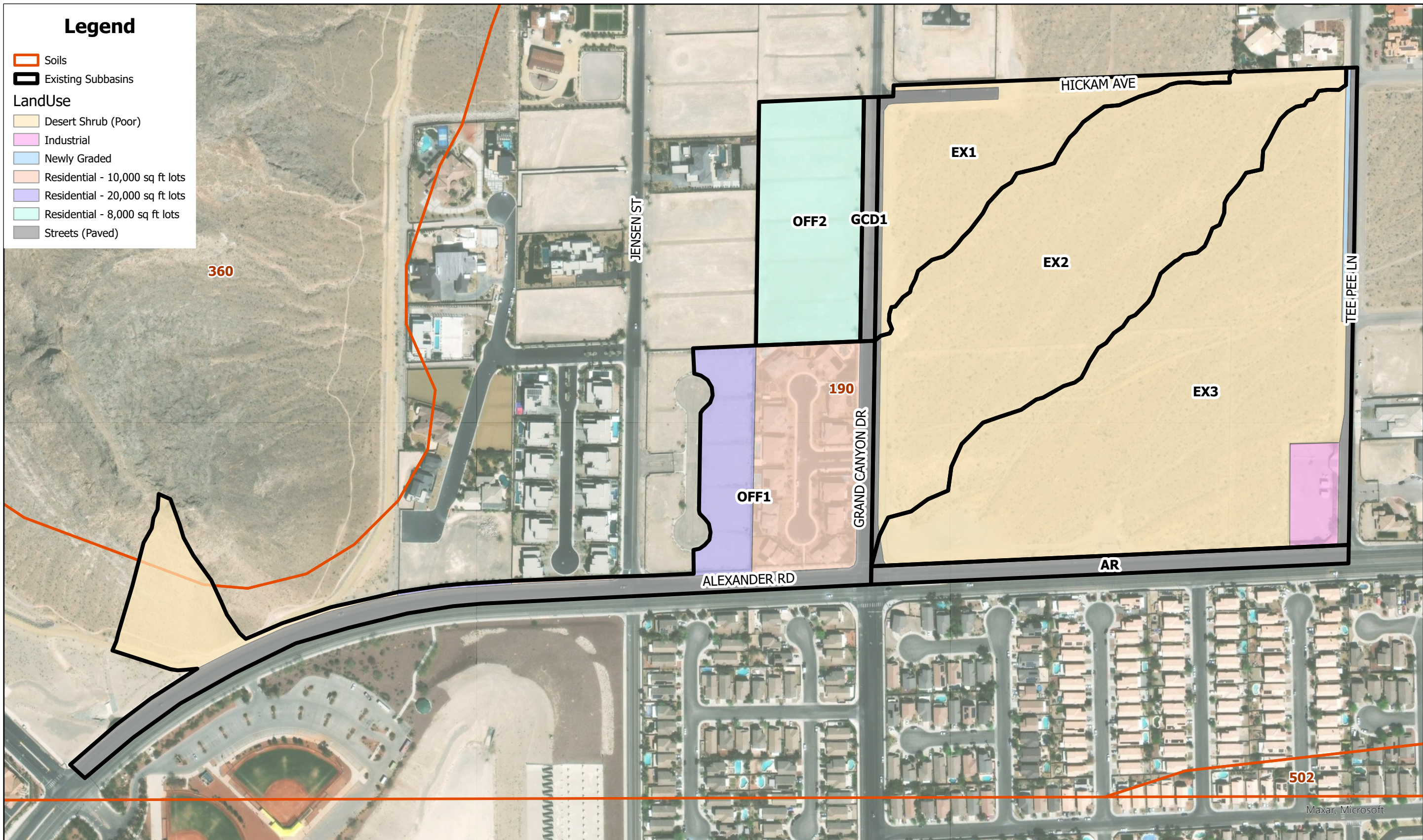
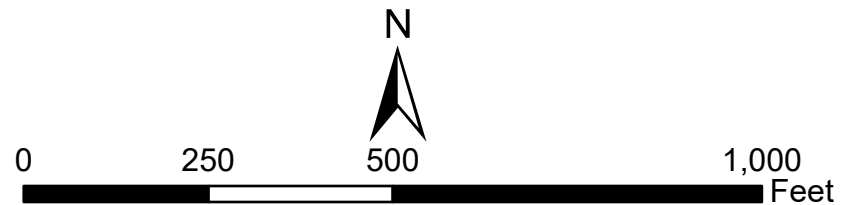
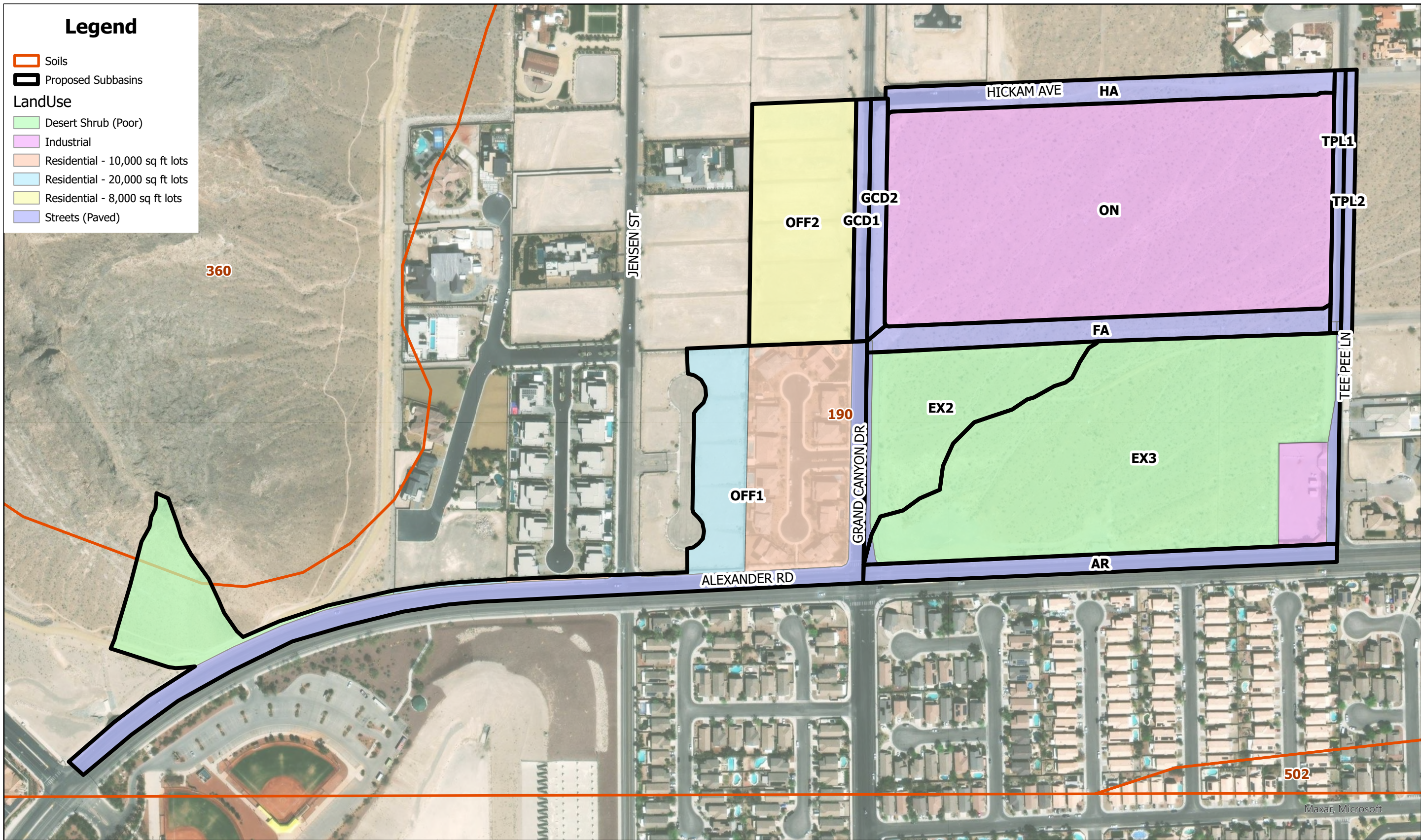


Appendix B – Hydrologic Calculations

- Existing Conditions Land use & Soils Map
- Proposed Conditions Land use & Soils Map
- Curve Number Supporting Calculations
- Existing Conditions Standard Form 4
- Existing Conditions HEC-1 Output
- Proposed Conditions Standard Form 4
- Proposed Conditions HEC-1 Output



LAS VEGAS LONE MOUNTAIN TEMPLE
 EXISTING CONDITIONS:
 LAND USE & SOIL MAP



LAS VEGAS LONE MOUNTAIN TEMPLE
 PROPOSED CONDITIONS:
 LAND USE & SOIL MAP

DATE: 7/1/2024
 FILE: CNTABLE.xls
 BY: RRD/CZ

Hydrologic Soil Group	Desert Shrub (Poor Condition)	Residential (8,000 sq ft lot)	Residential (10,000 sq ft lot)	Residential (20,000 sq ft lot)	Streets (Paved)	Industrial	Commercial	Newly Graded
A	63	73	61	54	98	81	89	77
B	77	82	75	70	98	88	92	86
C	85	88	83	80	98	91	94	91
D	88	90	87	85	98	93	95	94
ROCK	92	92	92	92	98	93	95	94

SOIL 190 Dalian (very gravelly fine sandy loam)

Description	Type	%	Desert Shrub (Poor Condition)	Residential (8,000 sq ft lot)	Residential (10,000 sq ft lot)	Residential (20,000 sq ft lot)	Streets (Paved)	Industrial	Commercial	Newly Graded
Dalian	A	100%	63	73	61	54	98	81	89	77
Composite CN		100%	63	73	61	54	98	81	89	77

SOIL 360 Rock outcrop-St. Thomas complex

Description	Type	%	Desert Shrub (Poor Condition)	Residential (8,000 sq ft lot)	Residential (10,000 sq ft lot)	Residential (20,000 sq ft lot)	Streets (Paved)	Industrial	Commercial	Newly Graded
Weiser-Bracken	A	15%	63	73	61	54	98	81	89	77
St. thomas	D	35%	88	90	87	85	98	93	95	94
-	ROCK	50%	92	92	92	92	98	93	95	94
Composite CN		100%	86.3	88.5	85.6	83.9	98.0	91.2	94.1	91.5

Las Vegas Lone Mountain Temple							
WEIGHTED CURVE NUMBERS AND PRECIPITATION VALUES							
EXISTING CONDITION							
BasinID	Soil	Area	Percent	CN	Description	WCN	PREC
OFF1	360	0.49	4.18%	86.3	Desert Shrub (Poor)	71.4	2.96
	190	1.69	14.42%	63.0	Desert Shrub (Poor)		
	190	2.15	18.34%	54.0	Residential - 20,000 sqft		
	190	4.10	34.98%	61.0	Residential - 10,000 sqft		
	190	3.29	28.07%	98.0	Streets		
OFF2	190	4.35	100.0%	73.0	Residential - 8,000 sqft	73.0	2.96
GCD1	190	0.61	100.0%	98.0	Streets	98.0	2.96
EX1	190	4.88	91.6%	63.0	Desert Shrub (Poor)	66.0	2.93
	190	0.45	8.4%	98.0	Streets		
EX2	190	13.83	98.5%	63.0	Desert Shrub (Poor)	63.5	2.93
	190	0.21	1.5%	98.0	Streets		
EX3	190	17.93	91.3%	63.0	Desert Shrub (Poor)	65.1	2.93
	190	0.86	4.4%	81.0	Industrial		
	190	0.65	3.3%	98.0	Streets		
	190	0.20	1.0%	77.0	Newly Graded		
AR	190	1.50	100.0%	81.0	Streets	81.0	2.93

Las Vegas Lone Mountain Temple							
WEIGHTED CURVE NUMBERS AND PRECIPITATION VALUES							
PROPOSED CONDITION							
BasinID	Soil	Area	Percent	CN	Description	WCN	PREC
OFF1	360	0.49	4.18%	86.3	Desert Shrub (Poor)	71.4	2.96
	190	1.69	14.42%	63.0	Desert Shrub (Poor)		
	190	2.15	18.34%	54.0	Residential - 20,000 sqft		
	190	4.10	34.98%	61.0	Residential - 10,000 sqft		
	190	3.29	28.07%	98.0	Streets		
OFF2	190	4.35	100.0%	73.0	Residential - 8,000 sqft	73.0	2.96
GCD1	190	0.61	100.0%	98.0	Streets	98.0	2.96
EX2	190	3.46	94.5%	63.0	Desert Shrub (Poor)	64.9	2.93
	190	0.20	5.5%	98.0	Streets		
EX3	190	12.58	91.4%	63.0	Desert Shrub (Poor)	65.0	2.93
	190	0.86	6.2%	81.0	Industrial		
	190	0.33	2.4%	98.0	Streets		
AR	190	1.50	100.0%	98.0	Streets	98.0	2.93
FA	190	1.94	100.0%	98.0	Streets	98.0	2.93
GCD2	190	0.70	100.0%	98.0	Streets	98.0	2.96
ON	190	16.58	100.0%	81.0	Industrial	81.0	2.93
HA	190	1.86	100.0%	98.0	Streets	98.0	2.93
TPL1	190	0.50	100.0%	98.0	Streets	98.0	2.91
TPL2	190	0.50	100.0%	98.0	Streets	98.0	2.91

TIME OF CONCENTRATION / LAG TIME DETERMINATION - less than 1 mi2



**LAS VEGAS LONE MOUNTAIN TEMPLE
EXISTING CONDITIONS**

Project No: 192156002
Date: 6/13/2023
Calculated by: RRD/CZ

SUB-BASIN DATA				INITIAL / OVERLAND TIME (Ti)				TRAVEL TIME (Tt)					T _{lag}	REMARKS			
Basin ID	DEV./UNDEV. (D or U)	CN	K	AREA	AREA	INITIAL LENGTH	SLOPE	Ti	TRAVEL LENGTH	SLOPE	V ₁	V ₂	Tt	Tc	Tc Check	T _{lag}	REMARKS
				Ac	Mi ²	Feet	%	Min	Feet	%	VELOCITY	VELOCITY	Min	Min	Min	0.6Tc/60	RAINFALL
(1)	(2)	(3)	(4)	(5a)	(5b)	(6)	(7)	(8)	(9)	(10)	(10a)	(10b)	(11)	(12)	(13)	(14)	(15)
OFF1	D	71.4	0.5525	11.72	0.0183	500	52.40	5.9	2410	3.40	3.7	5.6	7.9	13.8	26.2	0.138	2.96
OFF2	D	73.0	0.5736	4.35	0.0068	130	1.00	10.8	270	1.00	2.0	3.1	2.2	13.0	12.2	0.122	2.96
GCD1	D	98.0	0.9036	0.61	0.0010	40	2.00	1.8	665	3.00	3.5	5.3	2.9	4.7	13.9	0.050	2.96
EX1	U	66.0	0.4812	5.33	0.0083	500	3.60	16.3	405	3.00	2.6	5.1	2.6	18.9	N/A	0.189	2.93
EX2	U	63.5	0.4482	14.04	0.0219	500	2.80	18.6	1680	3.30	2.7	5.3	6.8	25.4	N/A	0.254	2.93
EX3	U	65.1	0.4693	19.64	0.0307	500	3.80	16.3	1660	3.00	2.6	5.1	7.0	23.3	N/A	0.233	2.93
AR	D	98.0	0.9036	1.50	0.0023	50	2.00	2.0	1300	2.90	3.4	5.2	5.0	7.0	17.5	0.070	2.93

NOTE:

(1) Subbasin Name	(7) Initial Slope	(10b) V ₂ applies to the remaining travel distance;	(15) Rainfall in inches
(2) Developed or Undeveloped Subbasin	(8) $T_i = 1.8 (1.1 - K) L^{1/2} / S^{1/3}$	Developed $V_2 = 30.6 (S/100)^{1/2}$	
(3) Curve Number (See Subbasin CN Calculations)	(9) Travel Length	(11) $T_t = 500 / (V_1 * 60) + (Travel\ Length - 500) / (V_2 * 60)$	
(4) $K = 0.0132 (CN) - 0.39$	(10) Slope	(12) $T_c = T_i + T_t$	
(5a) & (5b) Area	(10a) Slope V ₁ applies to the first 500 feet of travel distance;	(13) Tc Check = L/180+10 (select smaller Tc)	
(6) Initial Length	Developed $V_1 = 20.2 (S/100)^{1/2}$	(14) Tlag = 0.6 Tc/60	

REFERENCE: Calculations based on the Clark County Regional Flood Control District HCDDM

STANDARD FORM 4

EX. OUT

```

1*****
*
* FLOOD HYDROGRAPH PACKAGE (HEC-1)
* JUN 1998
* VERSION 4.1
*
* RUN DATE 03JUL24 TIME 11:47:41
*
*****

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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 X
XXXXXXXX XXXX X XXXXX X
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

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

*DIAGRAM

*** FREE ***

```

1 ID *****
2 ID *
3 ID * LV LONE MOUNTAIN TEMPLE *
4 ID * EXISTING CONDITIONS *
5 ID *
6 ID * PROJECT No: _ _ _ 192156002 *
7 ID * FILE: _ _ _ _ _ EX.H1 *
8 ID * DATE MODELED: _ _ 05/13/24 *
9 ID * MODELED BY: _ _ _ RRD/CZ *
10 ID *
11 ID *****
12 ID
13 ID *****
14 ID * RETURN PERIOD: _ _ 100-, 10- YEAR *
15 ID * DISTRIBUTION: _ _ 6-HOUR SDN3 *
16 ID *****
17 ID
18 IT 5 0 0 300
19 IO 5 0 0
20 IN 5 0 0
21 JR PREC 1 0.62
*
22 KK OFF1
23 PB 2.96
24 BA 0.0183
25 PC 0.000 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 1.000
33 LS 0 71.4
34 UD .138
*
35 KK ROFF1
36 KM ROUTE OFF1 TO CP1
37 KM LENGTH SLOPE n-VALUE SHAPE WIDTH S-SLOPE
38 RD 665 .030 .016 0 TRAP 80 50
*
39 KK OFF2
40 PB 2.96
41 BA 0.0068
42 LS 0 73.0
43 UD .122
*

```

EX. OUT

LINE	ID	1	2	3	4	5	6	7	8	9	10
44	KK	GCD1									
45	KM	GRAND CANYON DRIVE									
46	PB	2.96									
47	BA	0.0010									
48	LS	0	98.0								
49	UD	.050									
	*										
50	KK	CP1									
51	KM	COMBINE OFF1, OFF2 AND GCD1									
52	HC	3									
	*										
53	KK	GCD									
54	KM	FLOW SPLIT AT GRAND CANYON & HICKAM									
55	DT	DI VHA									
56	DI	0.0	18								
57	DQ	0.0	16								
	*										
58	KK	EX1									
59	PB	2.93									
60	BA	0.0083									
61	LS	0	66.0								
62	UD	.189									
	*										
63	KK	DI VHA									
64	KM	RETRIEVE FLOW SPLIT FROM GRAND CANYON & HICKAM									
65	DR	DI VHA									
	*										
66	KK	CP1A									
67	KM	COMBINE EX1 AND FLOW SPLIT AT GRAND CANYON & HICKAM									
68	HC	2									
	*										
69	KK	EX2									
70	KO	1									
71	PB	2.93									
72	BA	0.0219									
73	LS	0	63.5								
74	UD	.254									
	*										
75	KK	EX3									
76	PB	2.93									
77	BA	0.0307									
78	LS	0	65.1								
79	UD	.233									
	*										

1

HEC-1 INPUT

PAGE 3

LINE	ID	1	2	3	4	5	6	7	8	9	10
80	KK	AR									
81	KM	ALEXANDER ROAD									
82	PB	2.93									
83	BA	0.0023									
84	LS	0	98.0								
85	UD	.070									
	*										
86	KK	RAR									
87	KM	ROUTE AR TO HICKAM AVE									
88	KM	LENGTH	SLOPE	n-VALUE		SHAPE	WIDTH	S-SLOPE			
89	RD	1290	.023	.016	0	TRAP	60	50			
	*										
90	KK	CP2A									
91	KM	COMBINE EX3 AND AR									
92	KO	1									
93	HC	2									
	*										
94	KK	CP2									
95	KM	COMBINE EX2 AND CP2A									
96	HC	2									
	*										
97	ZZ										

1

SCHEMATIC DIAGRAM OF STREAM NETWORK

INPUT LINE (V) ROUTING (--->) DIVERSION OR PUMP FLOW
 NO. (.) CONNECTOR (<---) RETURN OF DIVERTED OR PUMPED FLOW

```

22 OFF1
   V
   V
35 ROFF1
   .
   .
39 OFF2
   .
   .
44 GCD1
   .
   .
50 CP1.....
   .
   .
55 -----> DIVHA
53 GCD
   .
   .
58 EX1
   .
   .
65 <----- DIVHA
63 DIVHA
   .
   .
66 CP1A.....
   .
   .
69 EX2
   .
   .
75 EX3
   .
   .
80 AR
   V
   V
86 RAR
   .
   .
90 CP2A.....
   .
   .
94 CP2.....

```

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```

*****
* FLOOD HYDROGRAPH PACKAGE (HEC-1) *
* JUN 1998 *
* VERSION 4.1 *
* RUN DATE 03JUL24 TIME 11:47:41 *
*****

```

```

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

```

```

*****
* LV LONE MOUNTAIN TEMPLE *
* EXISTING CONDITIONS *
* PROJECT No: _ _ _ 192156002 *
* FILE: _ _ _ _ _EX.H1 *
* DATE MODELED: _ _ 05/13/24 *
* MODELED BY: _ _ _ RRD/CZ *
*****

```

```

*****
* RETURN PERIOD: _ _100-, 10- YEAR *
* DISTRIBUTION: _ _6-HOUR SDN3 *
*****

```

```

19 10 OUTPUT CONTROL VARIABLES
      IPRNT      5 PRINT CONTROL
      IPLOT      0 PLOT CONTROL
      OSCAL      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

```

EX. OUT

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 .62

* *
69 KK * EX2 *
* *

70 KO OUTPUT CONTROL VARIABLES
I PRNT 1 PRINT CONTROL
I PLOT 0 PLOT CONTROL
O SCAL 0. HYDROGRAPH PLOT SCALE

SUBBASIN RUNOFF DATA

72 BA SUBBASIN CHARACTERISTICS
TAREA .02 SUBBASIN AREA

PRECIPITATION DATA

71 PB STORM 2.93 BASIN TOTAL PRECIPITATION

24 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

73 LS SCS LOSS RATE
STRTL 1.15 INITIAL ABSTRACTION
CRVNBR 63.50 CURVE NUMBER
RTIMP .00 PERCENT IMPERVIOUS AREA

74 UD SCS DIMENSIONLESS UNIT GRAPH
TLAG .25 LAG

WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG

UNIT HYDROGRAPH
17 END-OF-PERIOD ORDINATES

6. 21. 34. 35. 28. 17. 11. 7. 4. 3.
2. 1. 1. 0. 0. 0. 0.

HYDROGRAPH AT STATION EX2

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	0000	1	.00	.00	.00	0.	0.	*	1	1230	151	.00	.00	.00	0.	
1	0005	2	.06	.06	.00	0.	0.	*	1	1235	152	.00	.00	.00	0.	
1	0010	3	.11	.11	.00	0.	0.	*	1	1240	153	.00	.00	.00	0.	
1	0015	4	.04	.04	.00	0.	0.	*	1	1245	154	.00	.00	.00	0.	
1	0020	5	.05	.05	.00	0.	0.	*	1	1250	155	.00	.00	.00	0.	
1	0025	6	.06	.06	.00	0.	0.	*	1	1255	156	.00	.00	.00	0.	
1	0030	7	.05	.05	.00	0.	0.	*	1	1300	157	.00	.00	.00	0.	
1	0035	8	.02	.02	.00	0.	0.	*	1	1305	158	.00	.00	.00	0.	
1	0040	9	.00	.00	.00	0.	0.	*	1	1310	159	.00	.00	.00	0.	

											EX. OUT			
1	0045	10	.00	.00	.00	0.	*	1	1315	160	.00	.00	.00	0.
1	0050	11	.00	.00	.00	0.	*	1	1320	161	.00	.00	.00	0.
1	0055	12	.00	.00	.00	0.	*	1	1325	162	.00	.00	.00	0.
1	0100	13	.00	.00	.00	0.	*	1	1330	163	.00	.00	.00	0.
1	0105	14	.01	.01	.00	0.	*	1	1335	164	.00	.00	.00	0.
1	0110	15	.02	.02	.00	0.	*	1	1340	165	.00	.00	.00	0.
1	0115	16	.01	.01	.00	0.	*	1	1345	166	.00	.00	.00	0.
1	0120	17	.02	.02	.00	0.	*	1	1350	167	.00	.00	.00	0.
1	0125	18	.03	.03	.00	0.	*	1	1355	168	.00	.00	.00	0.
1	0130	19	.04	.04	.00	0.	*	1	1400	169	.00	.00	.00	0.
1	0135	20	.03	.03	.00	0.	*	1	1405	170	.00	.00	.00	0.
1	0140	21	.03	.03	.00	0.	*	1	1410	171	.00	.00	.00	0.
1	0145	22	.02	.02	.00	0.	*	1	1415	172	.00	.00	.00	0.
1	0150	23	.01	.01	.00	0.	*	1	1420	173	.00	.00	.00	0.
1	0155	24	.00	.00	.00	0.	*	1	1425	174	.00	.00	.00	0.
1	0200	25	.00	.00	.00	0.	*	1	1430	175	.00	.00	.00	0.
1	0205	26	.01	.01	.00	0.	*	1	1435	176	.00	.00	.00	0.
1	0210	27	.03	.03	.00	0.	*	1	1440	177	.00	.00	.00	0.
1	0215	28	.04	.04	.00	0.	*	1	1445	178	.00	.00	.00	0.
1	0220	29	.04	.04	.00	0.	*	1	1450	179	.00	.00	.00	0.
1	0225	30	.02	.02	.00	0.	*	1	1455	180	.00	.00	.00	0.
1	0230	31	.01	.01	.00	0.	*	1	1500	181	.00	.00	.00	0.
1	0235	32	.01	.01	.00	0.	*	1	1505	182	.00	.00	.00	0.
1	0240	33	.04	.04	.00	0.	*	1	1510	183	.00	.00	.00	0.
1	0245	34	.02	.02	.00	0.	*	1	1515	184	.00	.00	.00	0.
1	0250	35	.01	.01	.00	0.	*	1	1520	185	.00	.00	.00	0.
1	0255	36	.01	.01	.00	0.	*	1	1525	186	.00	.00	.00	0.
1	0300	37	.04	.04	.00	0.	*	1	1530	187	.00	.00	.00	0.
1	0305	38	.08	.08	.00	0.	*	1	1535	188	.00	.00	.00	0.
1	0310	39	.09	.09	.00	0.	*	1	1540	189	.00	.00	.00	0.
1	0315	40	.17	.17	.00	0.	*	1	1545	190	.00	.00	.00	0.
1	0320	41	.26	.25	.02	0.	*	1	1550	191	.00	.00	.00	0.
1	0325	42	.27	.23	.04	1.	*	1	1555	192	.00	.00	.00	0.
1	0330	43	.35	.27	.08	2.	*	1	1600	193	.00	.00	.00	0.
1	0335	44	.10	.07	.03	4.	*	1	1605	194	.00	.00	.00	0.
1	0340	45	.11	.08	.03	5.	*	1	1610	195	.00	.00	.00	0.
1	0345	46	.09	.06	.03	6.	*	1	1615	196	.00	.00	.00	0.
1	0350	47	.02	.01	.01	6.	*	1	1620	197	.00	.00	.00	0.
1	0355	48	.05	.03	.02	5.	*	1	1625	198	.00	.00	.00	0.
1	0400	49	.05	.03	.02	4.	*	1	1630	199	.00	.00	.00	0.
1	0405	50	.01	.01	.01	3.	*	1	1635	200	.00	.00	.00	0.
1	0410	51	.01	.01	.00	3.	*	1	1640	201	.00	.00	.00	0.
1	0415	52	.02	.02	.01	2.	*	1	1645	202	.00	.00	.00	0.
1	0420	53	.02	.02	.01	2.	*	1	1650	203	.00	.00	.00	0.
1	0425	54	.04	.02	.01	2.	*	1	1655	204	.00	.00	.00	0.
1	0430	55	.06	.04	.02	2.	*	1	1700	205	.00	.00	.00	0.
1	0435	56	.05	.03	.02	2.	*	1	1705	206	.00	.00	.00	0.
1	0440	57	.03	.02	.01	2.	*	1	1710	207	.00	.00	.00	0.
1	0445	58	.04	.02	.01	3.	*	1	1715	208	.00	.00	.00	0.
1	0450	59	.06	.04	.02	3.	*	1	1720	209	.00	.00	.00	0.
1	0455	60	.02	.01	.01	3.	*	1	1725	210	.00	.00	.00	0.
1	0500	61	.02	.01	.01	3.	*	1	1730	211	.00	.00	.00	0.
1	0505	62	.01	.01	.00	2.	*	1	1735	212	.00	.00	.00	0.
1	0510	63	.01	.00	.00	2.	*	1	1740	213	.00	.00	.00	0.
1	0515	64	.01	.00	.00	1.	*	1	1745	214	.00	.00	.00	0.
1	0520	65	.00	.00	.00	1.	*	1	1750	215	.00	.00	.00	0.
1	0525	66	.01	.01	.00	1.	*	1	1755	216	.00	.00	.00	0.
1	0530	67	.00	.00	.00	1.	*	1	1800	217	.00	.00	.00	0.
1	0535	68	.00	.00	.00	1.	*	1	1805	218	.00	.00	.00	0.
1	0540	69	.00	.00	.00	0.	*	1	1810	219	.00	.00	.00	0.
1	0545	70	.01	.01	.00	0.	*	1	1815	220	.00	.00	.00	0.
1	0550	71	.00	.00	.00	0.	*	1	1820	221	.00	.00	.00	0.
1	0555	72	.00	.00	.00	0.	*	1	1825	222	.00	.00	.00	0.
1	0600	73	.00	.00	.00	0.	*	1	1830	223	.00	.00	.00	0.
1	0605	74	.00	.00	.00	0.	*	1	1835	224	.00	.00	.00	0.
1	0610	75	.00	.00	.00	0.	*	1	1840	225	.00	.00	.00	0.
1	0615	76	.00	.00	.00	0.	*	1	1845	226	.00	.00	.00	0.
1	0620	77	.00	.00	.00	0.	*	1	1850	227	.00	.00	.00	0.
1	0625	78	.00	.00	.00	0.	*	1	1855	228	.00	.00	.00	0.
1	0630	79	.00	.00	.00	0.	*	1	1900	229	.00	.00	.00	0.
1	0635	80	.00	.00	.00	0.	*	1	1905	230	.00	.00	.00	0.
1	0640	81	.00	.00	.00	0.	*	1	1910	231	.00	.00	.00	0.
1	0645	82	.00	.00	.00	0.	*	1	1915	232	.00	.00	.00	0.
1	0650	83	.00	.00	.00	0.	*	1	1920	233	.00	.00	.00	0.
1	0655	84	.00	.00	.00	0.	*	1	1925	234	.00	.00	.00	0.
1	0700	85	.00	.00	.00	0.	*	1	1930	235	.00	.00	.00	0.
1	0705	86	.00	.00	.00	0.	*	1	1935	236	.00	.00	.00	0.
1	0710	87	.00	.00	.00	0.	*	1	1940	237	.00	.00	.00	0.
1	0715	88	.00	.00	.00	0.	*	1	1945	238	.00	.00	.00	0.
1	0720	89	.00	.00	.00	0.	*	1	1950	239	.00	.00	.00	0.
1	0725	90	.00	.00	.00	0.	*	1	1955	240	.00	.00	.00	0.
1	0730	91	.00	.00	.00	0.	*	1	2000	241	.00	.00	.00	0.
1	0735	92	.00	.00	.00	0.	*	1	2005	242	.00	.00	.00	0.
1	0740	93	.00	.00	.00	0.	*	1	2010	243	.00	.00	.00	0.
1	0745	94	.00	.00	.00	0.	*	1	2015	244	.00	.00	.00	0.
1	0750	95	.00	.00	.00	0.	*	1	2020	245	.00	.00	.00	0.
1	0755	96	.00	.00	.00	0.	*	1	2025	246	.00	.00	.00	0.
1	0800	97	.00	.00	.00	0.	*	1	2030	247	.00	.00	.00	0.
1	0805	98	.00	.00	.00	0.	*	1	2035	248	.00	.00	.00	0.
1	0810	99	.00	.00	.00	0.	*	1	2040	249	.00	.00	.00	0.
1	0815	100	.00	.00	.00	0.	*	1	2045	250	.00	.00	.00	0.

														EX. OUT			
1	0820	101	.00	.00	.00	0.	*	1	2050	251	.00	.00	.00	0.			
1	0825	102	.00	.00	.00	0.	*	1	2055	252	.00	.00	.00	0.			
1	0830	103	.00	.00	.00	0.	*	1	2100	253	.00	.00	.00	0.			
1	0835	104	.00	.00	.00	0.	*	1	2105	254	.00	.00	.00	0.			
1	0840	105	.00	.00	.00	0.	*	1	2110	255	.00	.00	.00	0.			
1	0845	106	.00	.00	.00	0.	*	1	2115	256	.00	.00	.00	0.			
1	0850	107	.00	.00	.00	0.	*	1	2120	257	.00	.00	.00	0.			
1	0855	108	.00	.00	.00	0.	*	1	2125	258	.00	.00	.00	0.			
1	0900	109	.00	.00	.00	0.	*	1	2130	259	.00	.00	.00	0.			
1	0905	110	.00	.00	.00	0.	*	1	2135	260	.00	.00	.00	0.			
1	0910	111	.00	.00	.00	0.	*	1	2140	261	.00	.00	.00	0.			
1	0915	112	.00	.00	.00	0.	*	1	2145	262	.00	.00	.00	0.			
1	0920	113	.00	.00	.00	0.	*	1	2150	263	.00	.00	.00	0.			
1	0925	114	.00	.00	.00	0.	*	1	2155	264	.00	.00	.00	0.			
1	0930	115	.00	.00	.00	0.	*	1	2200	265	.00	.00	.00	0.			
1	0935	116	.00	.00	.00	0.	*	1	2205	266	.00	.00	.00	0.			
1	0940	117	.00	.00	.00	0.	*	1	2210	267	.00	.00	.00	0.			
1	0945	118	.00	.00	.00	0.	*	1	2215	268	.00	.00	.00	0.			
1	0950	119	.00	.00	.00	0.	*	1	2220	269	.00	.00	.00	0.			
1	0955	120	.00	.00	.00	0.	*	1	2225	270	.00	.00	.00	0.			
1	1000	121	.00	.00	.00	0.	*	1	2230	271	.00	.00	.00	0.			
1	1005	122	.00	.00	.00	0.	*	1	2235	272	.00	.00	.00	0.			
1	1010	123	.00	.00	.00	0.	*	1	2240	273	.00	.00	.00	0.			
1	1015	124	.00	.00	.00	0.	*	1	2245	274	.00	.00	.00	0.			
1	1020	125	.00	.00	.00	0.	*	1	2250	275	.00	.00	.00	0.			
1	1025	126	.00	.00	.00	0.	*	1	2255	276	.00	.00	.00	0.			
1	1030	127	.00	.00	.00	0.	*	1	2300	277	.00	.00	.00	0.			
1	1035	128	.00	.00	.00	0.	*	1	2305	278	.00	.00	.00	0.			
1	1040	129	.00	.00	.00	0.	*	1	2310	279	.00	.00	.00	0.			
1	1045	130	.00	.00	.00	0.	*	1	2315	280	.00	.00	.00	0.			
1	1050	131	.00	.00	.00	0.	*	1	2320	281	.00	.00	.00	0.			
1	1055	132	.00	.00	.00	0.	*	1	2325	282	.00	.00	.00	0.			
1	1100	133	.00	.00	.00	0.	*	1	2330	283	.00	.00	.00	0.			
1	1105	134	.00	.00	.00	0.	*	1	2335	284	.00	.00	.00	0.			
1	1110	135	.00	.00	.00	0.	*	1	2340	285	.00	.00	.00	0.			
1	1115	136	.00	.00	.00	0.	*	1	2345	286	.00	.00	.00	0.			
1	1120	137	.00	.00	.00	0.	*	1	2350	287	.00	.00	.00	0.			
1	1125	138	.00	.00	.00	0.	*	1	2355	288	.00	.00	.00	0.			
1	1130	139	.00	.00	.00	0.	*	2	0000	289	.00	.00	.00	0.			
1	1135	140	.00	.00	.00	0.	*	2	0005	290	.00	.00	.00	0.			
1	1140	141	.00	.00	.00	0.	*	2	0010	291	.00	.00	.00	0.			
1	1145	142	.00	.00	.00	0.	*	2	0015	292	.00	.00	.00	0.			
1	1150	143	.00	.00	.00	0.	*	2	0020	293	.00	.00	.00	0.			
1	1155	144	.00	.00	.00	0.	*	2	0025	294	.00	.00	.00	0.			
1	1200	145	.00	.00	.00	0.	*	2	0030	295	.00	.00	.00	0.			
1	1205	146	.00	.00	.00	0.	*	2	0035	296	.00	.00	.00	0.			
1	1210	147	.00	.00	.00	0.	*	2	0040	297	.00	.00	.00	0.			
1	1215	148	.00	.00	.00	0.	*	2	0045	298	.00	.00	.00	0.			
1	1220	149	.00	.00	.00	0.	*	2	0050	299	.00	.00	.00	0.			
1	1225	150	.00	.00	.00	0.	*	2	0055	300	.00	.00	.00	0.			

TOTAL RAINFALL = 2.93, TOTAL LOSS = 2.51, TOTAL EXCESS = .42

PEAK FLOW + (CFS)	TIME (HR)	(CFS)	MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	24.92-HR
+ 6.	3.75	(INCHES) (AC-FT)	.421 0.	.421 0.	.421 0.	.421 0.

CUMULATIVE AREA = .02 SQ MI

WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG

HYDROGRAPH AT STATION EX2
PLAN 1, RATIO = 1.00

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP O	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP O
1	0000	1	.00	.00	.00	0.	*	1	1230	151	.00	.00	.00	.00	0.	
1	0005	2	.06	.06	.00	0.	*	1	1235	152	.00	.00	.00	.00	0.	
1	0010	3	.11	.11	.00	0.	*	1	1240	153	.00	.00	.00	.00	0.	
1	0015	4	.04	.04	.00	0.	*	1	1245	154	.00	.00	.00	.00	0.	
1	0020	5	.05	.05	.00	0.	*	1	1250	155	.00	.00	.00	.00	0.	
1	0025	6	.06	.06	.00	0.	*	1	1255	156	.00	.00	.00	.00	0.	
1	0030	7	.05	.05	.00	0.	*	1	1300	157	.00	.00	.00	.00	0.	
1	0035	8	.02	.02	.00	0.	*	1	1305	158	.00	.00	.00	.00	0.	
1	0040	9	.00	.00	.00	0.	*	1	1310	159	.00	.00	.00	.00	0.	
1	0045	10	.00	.00	.00	0.	*	1	1315	160	.00	.00	.00	.00	0.	
1	0050	11	.00	.00	.00	0.	*	1	1320	161	.00	.00	.00	.00	0.	
1	0055	12	.00	.00	.00	0.	*	1	1325	162	.00	.00	.00	.00	0.	
1	0100	13	.00	.00	.00	0.	*	1	1330	163	.00	.00	.00	.00	0.	
1	0105	14	.01	.01	.00	0.	*	1	1335	164	.00	.00	.00	.00	0.	

										EX. OUT				
1	0110	15	.02	.02	.00	0.	*	1	1340	165	.00	.00	.00	0.
1	0115	16	.01	.01	.00	0.	*	1	1345	166	.00	.00	.00	0.
1	0120	17	.02	.02	.00	0.	*	1	1350	167	.00	.00	.00	0.
1	0125	18	.03	.03	.00	0.	*	1	1355	168	.00	.00	.00	0.
1	0130	19	.04	.04	.00	0.	*	1	1400	169	.00	.00	.00	0.
1	0135	20	.03	.03	.00	0.	*	1	1405	170	.00	.00	.00	0.
1	0140	21	.03	.03	.00	0.	*	1	1410	171	.00	.00	.00	0.
1	0145	22	.02	.02	.00	0.	*	1	1415	172	.00	.00	.00	0.
1	0150	23	.01	.01	.00	0.	*	1	1420	173	.00	.00	.00	0.
1	0155	24	.00	.00	.00	0.	*	1	1425	174	.00	.00	.00	0.
1	0200	25	.00	.00	.00	0.	*	1	1430	175	.00	.00	.00	0.
1	0205	26	.01	.01	.00	0.	*	1	1435	176	.00	.00	.00	0.
1	0210	27	.03	.03	.00	0.	*	1	1440	177	.00	.00	.00	0.
1	0215	28	.04	.04	.00	0.	*	1	1445	178	.00	.00	.00	0.
1	0220	29	.04	.04	.00	0.	*	1	1450	179	.00	.00	.00	0.
1	0225	30	.02	.02	.00	0.	*	1	1455	180	.00	.00	.00	0.
1	0230	31	.01	.01	.00	0.	*	1	1500	181	.00	.00	.00	0.
1	0235	32	.01	.01	.00	0.	*	1	1505	182	.00	.00	.00	0.
1	0240	33	.04	.04	.00	0.	*	1	1510	183	.00	.00	.00	0.
1	0245	34	.02	.02	.00	0.	*	1	1515	184	.00	.00	.00	0.
1	0250	35	.01	.01	.00	0.	*	1	1520	185	.00	.00	.00	0.
1	0255	36	.01	.01	.00	0.	*	1	1525	186	.00	.00	.00	0.
1	0300	37	.04	.04	.00	0.	*	1	1530	187	.00	.00	.00	0.
1	0305	38	.08	.08	.00	0.	*	1	1535	188	.00	.00	.00	0.
1	0310	39	.09	.09	.00	0.	*	1	1540	189	.00	.00	.00	0.
1	0315	40	.17	.17	.00	0.	*	1	1545	190	.00	.00	.00	0.
1	0320	41	.26	.25	.02	0.	*	1	1550	191	.00	.00	.00	0.
1	0325	42	.27	.23	.04	1.	*	1	1555	192	.00	.00	.00	0.
1	0330	43	.35	.27	.08	2.	*	1	1600	193	.00	.00	.00	0.
1	0335	44	.10	.07	.03	4.	*	1	1605	194	.00	.00	.00	0.
1	0340	45	.11	.08	.03	5.	*	1	1610	195	.00	.00	.00	0.
1	0345	46	.09	.06	.03	6.	*	1	1615	196	.00	.00	.00	0.
1	0350	47	.02	.01	.01	6.	*	1	1620	197	.00	.00	.00	0.
1	0355	48	.05	.03	.02	5.	*	1	1625	198	.00	.00	.00	0.
1	0400	49	.05	.03	.02	4.	*	1	1630	199	.00	.00	.00	0.
1	0405	50	.01	.01	.01	3.	*	1	1635	200	.00	.00	.00	0.
1	0410	51	.01	.01	.00	3.	*	1	1640	201	.00	.00	.00	0.
1	0415	52	.02	.02	.01	2.	*	1	1645	202	.00	.00	.00	0.
1	0420	53	.02	.02	.01	2.	*	1	1650	203	.00	.00	.00	0.
1	0425	54	.04	.02	.01	2.	*	1	1655	204	.00	.00	.00	0.
1	0430	55	.06	.04	.02	2.	*	1	1700	205	.00	.00	.00	0.
1	0435	56	.05	.03	.02	2.	*	1	1705	206	.00	.00	.00	0.
1	0440	57	.03	.02	.01	2.	*	1	1710	207	.00	.00	.00	0.
1	0445	58	.04	.02	.01	3.	*	1	1715	208	.00	.00	.00	0.
1	0450	59	.06	.04	.02	3.	*	1	1720	209	.00	.00	.00	0.
1	0455	60	.02	.01	.01	3.	*	1	1725	210	.00	.00	.00	0.
1	0500	61	.02	.01	.01	3.	*	1	1730	211	.00	.00	.00	0.
1	0505	62	.01	.01	.00	2.	*	1	1735	212	.00	.00	.00	0.
1	0510	63	.01	.00	.00	2.	*	1	1740	213	.00	.00	.00	0.
1	0515	64	.01	.00	.00	1.	*	1	1745	214	.00	.00	.00	0.
1	0520	65	.00	.00	.00	1.	*	1	1750	215	.00	.00	.00	0.
1	0525	66	.01	.01	.00	1.	*	1	1755	216	.00	.00	.00	0.
1	0530	67	.00	.00	.00	1.	*	1	1800	217	.00	.00	.00	0.
1	0535	68	.00	.00	.00	1.	*	1	1805	218	.00	.00	.00	0.
1	0540	69	.00	.00	.00	0.	*	1	1810	219	.00	.00	.00	0.
1	0545	70	.01	.01	.00	0.	*	1	1815	220	.00	.00	.00	0.
1	0550	71	.00	.00	.00	0.	*	1	1820	221	.00	.00	.00	0.
1	0555	72	.00	.00	.00	0.	*	1	1825	222	.00	.00	.00	0.
1	0600	73	.00	.00	.00	0.	*	1	1830	223	.00	.00	.00	0.
1	0605	74	.00	.00	.00	0.	*	1	1835	224	.00	.00	.00	0.
1	0610	75	.00	.00	.00	0.	*	1	1840	225	.00	.00	.00	0.
1	0615	76	.00	.00	.00	0.	*	1	1845	226	.00	.00	.00	0.
1	0620	77	.00	.00	.00	0.	*	1	1850	227	.00	.00	.00	0.
1	0625	78	.00	.00	.00	0.	*	1	1855	228	.00	.00	.00	0.
1	0630	79	.00	.00	.00	0.	*	1	1900	229	.00	.00	.00	0.
1	0635	80	.00	.00	.00	0.	*	1	1905	230	.00	.00	.00	0.
1	0640	81	.00	.00	.00	0.	*	1	1910	231	.00	.00	.00	0.
1	0645	82	.00	.00	.00	0.	*	1	1915	232	.00	.00	.00	0.
1	0650	83	.00	.00	.00	0.	*	1	1920	233	.00	.00	.00	0.
1	0655	84	.00	.00	.00	0.	*	1	1925	234	.00	.00	.00	0.
1	0700	85	.00	.00	.00	0.	*	1	1930	235	.00	.00	.00	0.
1	0705	86	.00	.00	.00	0.	*	1	1935	236	.00	.00	.00	0.
1	0710	87	.00	.00	.00	0.	*	1	1940	237	.00	.00	.00	0.
1	0715	88	.00	.00	.00	0.	*	1	1945	238	.00	.00	.00	0.
1	0720	89	.00	.00	.00	0.	*	1	1950	239	.00	.00	.00	0.
1	0725	90	.00	.00	.00	0.	*	1	1955	240	.00	.00	.00	0.
1	0730	91	.00	.00	.00	0.	*	1	2000	241	.00	.00	.00	0.
1	0735	92	.00	.00	.00	0.	*	1	2005	242	.00	.00	.00	0.
1	0740	93	.00	.00	.00	0.	*	1	2010	243	.00	.00	.00	0.
1	0745	94	.00	.00	.00	0.	*	1	2015	244	.00	.00	.00	0.
1	0750	95	.00	.00	.00	0.	*	1	2020	245	.00	.00	.00	0.
1	0755	96	.00	.00	.00	0.	*	1	2025	246	.00	.00	.00	0.
1	0800	97	.00	.00	.00	0.	*	1	2030	247	.00	.00	.00	0.
1	0805	98	.00	.00	.00	0.	*	1	2035	248	.00	.00	.00	0.
1	0810	99	.00	.00	.00	0.	*	1	2040	249	.00	.00	.00	0.
1	0815	100	.00	.00	.00	0.	*	1	2045	250	.00	.00	.00	0.
1	0820	101	.00	.00	.00	0.	*	1	2050	251	.00	.00	.00	0.
1	0825	102	.00	.00	.00	0.	*	1	2055	252	.00	.00	.00	0.
1	0830	103	.00	.00	.00	0.	*	1	2100	253	.00	.00	.00	0.
1	0835	104	.00	.00	.00	0.	*	1	2105	254	.00	.00	.00	0.
1	0840	105	.00	.00	.00	0.	*	1	2110	255	.00	.00	.00	0.

														EX. OUT			
1	0845	106	.00	.00	.00	0.	*	1	2115	256	.00	.00	.00	0.			
1	0850	107	.00	.00	.00	0.	*	1	2120	257	.00	.00	.00	0.			
1	0855	108	.00	.00	.00	0.	*	1	2125	258	.00	.00	.00	0.			
1	0900	109	.00	.00	.00	0.	*	1	2130	259	.00	.00	.00	0.			
1	0905	110	.00	.00	.00	0.	*	1	2135	260	.00	.00	.00	0.			
1	0910	111	.00	.00	.00	0.	*	1	2140	261	.00	.00	.00	0.			
1	0915	112	.00	.00	.00	0.	*	1	2145	262	.00	.00	.00	0.			
1	0920	113	.00	.00	.00	0.	*	1	2150	263	.00	.00	.00	0.			
1	0925	114	.00	.00	.00	0.	*	1	2155	264	.00	.00	.00	0.			
1	0930	115	.00	.00	.00	0.	*	1	2200	265	.00	.00	.00	0.			
1	0935	116	.00	.00	.00	0.	*	1	2205	266	.00	.00	.00	0.			
1	0940	117	.00	.00	.00	0.	*	1	2210	267	.00	.00	.00	0.			
1	0945	118	.00	.00	.00	0.	*	1	2215	268	.00	.00	.00	0.			
1	0950	119	.00	.00	.00	0.	*	1	2220	269	.00	.00	.00	0.			
1	0955	120	.00	.00	.00	0.	*	1	2225	270	.00	.00	.00	0.			
1	1000	121	.00	.00	.00	0.	*	1	2230	271	.00	.00	.00	0.			
1	1005	122	.00	.00	.00	0.	*	1	2235	272	.00	.00	.00	0.			
1	1010	123	.00	.00	.00	0.	*	1	2240	273	.00	.00	.00	0.			
1	1015	124	.00	.00	.00	0.	*	1	2245	274	.00	.00	.00	0.			
1	1020	125	.00	.00	.00	0.	*	1	2250	275	.00	.00	.00	0.			
1	1025	126	.00	.00	.00	0.	*	1	2255	276	.00	.00	.00	0.			
1	1030	127	.00	.00	.00	0.	*	1	2300	277	.00	.00	.00	0.			
1	1035	128	.00	.00	.00	0.	*	1	2305	278	.00	.00	.00	0.			
1	1040	129	.00	.00	.00	0.	*	1	2310	279	.00	.00	.00	0.			
1	1045	130	.00	.00	.00	0.	*	1	2315	280	.00	.00	.00	0.			
1	1050	131	.00	.00	.00	0.	*	1	2320	281	.00	.00	.00	0.			
1	1055	132	.00	.00	.00	0.	*	1	2325	282	.00	.00	.00	0.			
1	1100	133	.00	.00	.00	0.	*	1	2330	283	.00	.00	.00	0.			
1	1105	134	.00	.00	.00	0.	*	1	2335	284	.00	.00	.00	0.			
1	1110	135	.00	.00	.00	0.	*	1	2340	285	.00	.00	.00	0.			
1	1115	136	.00	.00	.00	0.	*	1	2345	286	.00	.00	.00	0.			
1	1120	137	.00	.00	.00	0.	*	1	2350	287	.00	.00	.00	0.			
1	1125	138	.00	.00	.00	0.	*	1	2355	288	.00	.00	.00	0.			
1	1130	139	.00	.00	.00	0.	*	2	0000	289	.00	.00	.00	0.			
1	1135	140	.00	.00	.00	0.	*	2	0005	290	.00	.00	.00	0.			
1	1140	141	.00	.00	.00	0.	*	2	0010	291	.00	.00	.00	0.			
1	1145	142	.00	.00	.00	0.	*	2	0015	292	.00	.00	.00	0.			
1	1150	143	.00	.00	.00	0.	*	2	0020	293	.00	.00	.00	0.			
1	1155	144	.00	.00	.00	0.	*	2	0025	294	.00	.00	.00	0.			
1	1200	145	.00	.00	.00	0.	*	2	0030	295	.00	.00	.00	0.			
1	1205	146	.00	.00	.00	0.	*	2	0035	296	.00	.00	.00	0.			
1	1210	147	.00	.00	.00	0.	*	2	0040	297	.00	.00	.00	0.			
1	1215	148	.00	.00	.00	0.	*	2	0045	298	.00	.00	.00	0.			
1	1220	149	.00	.00	.00	0.	*	2	0050	299	.00	.00	.00	0.			
1	1225	150	.00	.00	.00	0.	*	2	0055	300	.00	.00	.00	0.			

TOTAL RAINFALL = 2.93, TOTAL LOSS = 2.51, TOTAL EXCESS = .42

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
6.	3.75	1.	0.	0.	0.
		(INCHES) .421	.421	.421	.421
		(AC-FT) 0.	0.	0.	0.

CUMULATIVE AREA = .02 SQ MI

WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG

HYDROGRAPH AT STATION EX2
PLAN 1, RATIO = .62

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	0000	1	.00	.00	.00	0.	*		1	1230	151	.00	.00	.00	0.	
1	0005	2	.04	.04	.00	0.	*		1	1235	152	.00	.00	.00	0.	
1	0010	3	.07	.07	.00	0.	*		1	1240	153	.00	.00	.00	0.	
1	0015	4	.02	.02	.00	0.	*		1	1245	154	.00	.00	.00	0.	
1	0020	5	.03	.03	.00	0.	*		1	1250	155	.00	.00	.00	0.	
1	0025	6	.04	.04	.00	0.	*		1	1255	156	.00	.00	.00	0.	
1	0030	7	.03	.03	.00	0.	*		1	1300	157	.00	.00	.00	0.	
1	0035	8	.01	.01	.00	0.	*		1	1305	158	.00	.00	.00	0.	
1	0040	9	.00	.00	.00	0.	*		1	1310	159	.00	.00	.00	0.	
1	0045	10	.00	.00	.00	0.	*		1	1315	160	.00	.00	.00	0.	
1	0050	11	.00	.00	.00	0.	*		1	1320	161	.00	.00	.00	0.	
1	0055	12	.00	.00	.00	0.	*		1	1325	162	.00	.00	.00	0.	
1	0100	13	.00	.00	.00	0.	*		1	1330	163	.00	.00	.00	0.	
1	0105	14	.01	.01	.00	0.	*		1	1335	164	.00	.00	.00	0.	
1	0110	15	.01	.01	.00	0.	*		1	1340	165	.00	.00	.00	0.	
1	0115	16	.00	.00	.00	0.	*		1	1345	166	.00	.00	.00	0.	
1	0120	17	.01	.01	.00	0.	*		1	1350	167	.00	.00	.00	0.	
1	0125	18	.02	.02	.00	0.	*		1	1355	168	.00	.00	.00	0.	
1	0130	19	.03	.03	.00	0.	*		1	1400	169	.00	.00	.00	0.	

										EX. OUT				
1	0135	20	.02	.02	.00	0.	*	1	1405	170	.00	.00	.00	0.
1	0140	21	.02	.02	.00	0.	*	1	1410	171	.00	.00	.00	0.
1	0145	22	.01	.01	.00	0.	*	1	1415	172	.00	.00	.00	0.
1	0150	23	.00	.00	.00	0.	*	1	1420	173	.00	.00	.00	0.
1	0155	24	.00	.00	.00	0.	*	1	1425	174	.00	.00	.00	0.
1	0200	25	.00	.00	.00	0.	*	1	1430	175	.00	.00	.00	0.
1	0205	26	.01	.01	.00	0.	*	1	1435	176	.00	.00	.00	0.
1	0210	27	.02	.02	.00	0.	*	1	1440	177	.00	.00	.00	0.
1	0215	28	.03	.03	.00	0.	*	1	1445	178	.00	.00	.00	0.
1	0220	29	.02	.02	.00	0.	*	1	1450	179	.00	.00	.00	0.
1	0225	30	.01	.01	.00	0.	*	1	1455	180	.00	.00	.00	0.
1	0230	31	.00	.00	.00	0.	*	1	1500	181	.00	.00	.00	0.
1	0235	32	.01	.01	.00	0.	*	1	1505	182	.00	.00	.00	0.
1	0240	33	.03	.03	.00	0.	*	1	1510	183	.00	.00	.00	0.
1	0245	34	.01	.01	.00	0.	*	1	1515	184	.00	.00	.00	0.
1	0250	35	.01	.01	.00	0.	*	1	1520	185	.00	.00	.00	0.
1	0255	36	.00	.00	.00	0.	*	1	1525	186	.00	.00	.00	0.
1	0300	37	.02	.02	.00	0.	*	1	1530	187	.00	.00	.00	0.
1	0305	38	.05	.05	.00	0.	*	1	1535	188	.00	.00	.00	0.
1	0310	39	.05	.05	.00	0.	*	1	1540	189	.00	.00	.00	0.
1	0315	40	.10	.10	.00	0.	*	1	1545	190	.00	.00	.00	0.
1	0320	41	.16	.16	.00	0.	*	1	1550	191	.00	.00	.00	0.
1	0325	42	.17	.17	.00	0.	*	1	1555	192	.00	.00	.00	0.
1	0330	43	.22	.21	.00	0.	*	1	1600	193	.00	.00	.00	0.
1	0335	44	.06	.06	.00	0.	*	1	1605	194	.00	.00	.00	0.
1	0340	45	.07	.06	.01	0.	*	1	1610	195	.00	.00	.00	0.
1	0345	46	.06	.05	.01	0.	*	1	1615	196	.00	.00	.00	0.
1	0350	47	.01	.01	.00	1.	*	1	1620	197	.00	.00	.00	0.
1	0355	48	.03	.03	.00	1.	*	1	1625	198	.00	.00	.00	0.
1	0400	49	.03	.03	.00	1.	*	1	1630	199	.00	.00	.00	0.
1	0405	50	.01	.01	.00	1.	*	1	1635	200	.00	.00	.00	0.
1	0410	51	.01	.01	.00	0.	*	1	1640	201	.00	.00	.00	0.
1	0415	52	.01	.01	.00	0.	*	1	1645	202	.00	.00	.00	0.
1	0420	53	.01	.01	.00	0.	*	1	1650	203	.00	.00	.00	0.
1	0425	54	.02	.02	.00	0.	*	1	1655	204	.00	.00	.00	0.
1	0430	55	.04	.03	.01	0.	*	1	1700	205	.00	.00	.00	0.
1	0435	56	.03	.02	.00	0.	*	1	1705	206	.00	.00	.00	0.
1	0440	57	.02	.02	.00	1.	*	1	1710	207	.00	.00	.00	0.
1	0445	58	.02	.02	.00	1.	*	1	1715	208	.00	.00	.00	0.
1	0450	59	.04	.03	.01	1.	*	1	1720	209	.00	.00	.00	0.
1	0455	60	.01	.01	.00	1.	*	1	1725	210	.00	.00	.00	0.
1	0500	61	.01	.01	.00	1.	*	1	1730	211	.00	.00	.00	0.
1	0505	62	.01	.00	.00	1.	*	1	1735	212	.00	.00	.00	0.
1	0510	63	.00	.00	.00	1.	*	1	1740	213	.00	.00	.00	0.
1	0515	64	.00	.00	.00	0.	*	1	1745	214	.00	.00	.00	0.
1	0520	65	.00	.00	.00	0.	*	1	1750	215	.00	.00	.00	0.
1	0525	66	.01	.00	.00	0.	*	1	1755	216	.00	.00	.00	0.
1	0530	67	.00	.00	.00	0.	*	1	1800	217	.00	.00	.00	0.
1	0535	68	.00	.00	.00	0.	*	1	1805	218	.00	.00	.00	0.
1	0540	69	.00	.00	.00	0.	*	1	1810	219	.00	.00	.00	0.
1	0545	70	.01	.00	.00	0.	*	1	1815	220	.00	.00	.00	0.
1	0550	71	.00	.00	.00	0.	*	1	1820	221	.00	.00	.00	0.
1	0555	72	.00	.00	.00	0.	*	1	1825	222	.00	.00	.00	0.
1	0600	73	.00	.00	.00	0.	*	1	1830	223	.00	.00	.00	0.
1	0605	74	.00	.00	.00	0.	*	1	1835	224	.00	.00	.00	0.
1	0610	75	.00	.00	.00	0.	*	1	1840	225	.00	.00	.00	0.
1	0615	76	.00	.00	.00	0.	*	1	1845	226	.00	.00	.00	0.
1	0620	77	.00	.00	.00	0.	*	1	1850	227	.00	.00	.00	0.
1	0625	78	.00	.00	.00	0.	*	1	1855	228	.00	.00	.00	0.
1	0630	79	.00	.00	.00	0.	*	1	1900	229	.00	.00	.00	0.
1	0635	80	.00	.00	.00	0.	*	1	1905	230	.00	.00	.00	0.
1	0640	81	.00	.00	.00	0.	*	1	1910	231	.00	.00	.00	0.
1	0645	82	.00	.00	.00	0.	*	1	1915	232	.00	.00	.00	0.
1	0650	83	.00	.00	.00	0.	*	1	1920	233	.00	.00	.00	0.
1	0655	84	.00	.00	.00	0.	*	1	1925	234	.00	.00	.00	0.
1	0700	85	.00	.00	.00	0.	*	1	1930	235	.00	.00	.00	0.
1	0705	86	.00	.00	.00	0.	*	1	1935	236	.00	.00	.00	0.
1	0710	87	.00	.00	.00	0.	*	1	1940	237	.00	.00	.00	0.
1	0715	88	.00	.00	.00	0.	*	1	1945	238	.00	.00	.00	0.
1	0720	89	.00	.00	.00	0.	*	1	1950	239	.00	.00	.00	0.
1	0725	90	.00	.00	.00	0.	*	1	1955	240	.00	.00	.00	0.
1	0730	91	.00	.00	.00	0.	*	1	2000	241	.00	.00	.00	0.
1	0735	92	.00	.00	.00	0.	*	1	2005	242	.00	.00	.00	0.
1	0740	93	.00	.00	.00	0.	*	1	2010	243	.00	.00	.00	0.
1	0745	94	.00	.00	.00	0.	*	1	2015	244	.00	.00	.00	0.
1	0750	95	.00	.00	.00	0.	*	1	2020	245	.00	.00	.00	0.
1	0755	96	.00	.00	.00	0.	*	1	2025	246	.00	.00	.00	0.
1	0800	97	.00	.00	.00	0.	*	1	2030	247	.00	.00	.00	0.
1	0805	98	.00	.00	.00	0.	*	1	2035	248	.00	.00	.00	0.
1	0810	99	.00	.00	.00	0.	*	1	2040	249	.00	.00	.00	0.
1	0815	100	.00	.00	.00	0.	*	1	2045	250	.00	.00	.00	0.
1	0820	101	.00	.00	.00	0.	*	1	2050	251	.00	.00	.00	0.
1	0825	102	.00	.00	.00	0.	*	1	2055	252	.00	.00	.00	0.
1	0830	103	.00	.00	.00	0.	*	1	2100	253	.00	.00	.00	0.
1	0835	104	.00	.00	.00	0.	*	1	2105	254	.00	.00	.00	0.
1	0840	105	.00	.00	.00	0.	*	1	2110	255	.00	.00	.00	0.
1	0845	106	.00	.00	.00	0.	*	1	2115	256	.00	.00	.00	0.
1	0850	107	.00	.00	.00	0.	*	1	2120	257	.00	.00	.00	0.
1	0855	108	.00	.00	.00	0.	*	1	2125	258	.00	.00	.00	0.
1	0900	109	.00	.00	.00	0.	*	1	2130	259	.00	.00	.00	0.
1	0905	110	.00	.00	.00	0.	*	1	2135	260	.00	.00	.00	0.

EX. OUT														
1	0910	111	.00	.00	.00	0.	*	1	2140	261	.00	.00	.00	0.
1	0915	112	.00	.00	.00	0.	*	1	2145	262	.00	.00	.00	0.
1	0920	113	.00	.00	.00	0.	*	1	2150	263	.00	.00	.00	0.
1	0925	114	.00	.00	.00	0.	*	1	2155	264	.00	.00	.00	0.
1	0930	115	.00	.00	.00	0.	*	1	2200	265	.00	.00	.00	0.
1	0935	116	.00	.00	.00	0.	*	1	2205	266	.00	.00	.00	0.
1	0940	117	.00	.00	.00	0.	*	1	2210	267	.00	.00	.00	0.
1	0945	118	.00	.00	.00	0.	*	1	2215	268	.00	.00	.00	0.
1	0950	119	.00	.00	.00	0.	*	1	2220	269	.00	.00	.00	0.
1	0955	120	.00	.00	.00	0.	*	1	2225	270	.00	.00	.00	0.
1	1000	121	.00	.00	.00	0.	*	1	2230	271	.00	.00	.00	0.
1	1005	122	.00	.00	.00	0.	*	1	2235	272	.00	.00	.00	0.
1	1010	123	.00	.00	.00	0.	*	1	2240	273	.00	.00	.00	0.
1	1015	124	.00	.00	.00	0.	*	1	2245	274	.00	.00	.00	0.
1	1020	125	.00	.00	.00	0.	*	1	2250	275	.00	.00	.00	0.
1	1025	126	.00	.00	.00	0.	*	1	2255	276	.00	.00	.00	0.
1	1030	127	.00	.00	.00	0.	*	1	2300	277	.00	.00	.00	0.
1	1035	128	.00	.00	.00	0.	*	1	2305	278	.00	.00	.00	0.
1	1040	129	.00	.00	.00	0.	*	1	2310	279	.00	.00	.00	0.
1	1045	130	.00	.00	.00	0.	*	1	2315	280	.00	.00	.00	0.
1	1050	131	.00	.00	.00	0.	*	1	2320	281	.00	.00	.00	0.
1	1055	132	.00	.00	.00	0.	*	1	2325	282	.00	.00	.00	0.
1	1100	133	.00	.00	.00	0.	*	1	2330	283	.00	.00	.00	0.
1	1105	134	.00	.00	.00	0.	*	1	2335	284	.00	.00	.00	0.
1	1110	135	.00	.00	.00	0.	*	1	2340	285	.00	.00	.00	0.
1	1115	136	.00	.00	.00	0.	*	1	2345	286	.00	.00	.00	0.
1	1120	137	.00	.00	.00	0.	*	1	2350	287	.00	.00	.00	0.
1	1125	138	.00	.00	.00	0.	*	1	2355	288	.00	.00	.00	0.
1	1130	139	.00	.00	.00	0.	*	2	0000	289	.00	.00	.00	0.
1	1135	140	.00	.00	.00	0.	*	2	0005	290	.00	.00	.00	0.
1	1140	141	.00	.00	.00	0.	*	2	0010	291	.00	.00	.00	0.
1	1145	142	.00	.00	.00	0.	*	2	0015	292	.00	.00	.00	0.
1	1150	143	.00	.00	.00	0.	*	2	0020	293	.00	.00	.00	0.
1	1155	144	.00	.00	.00	0.	*	2	0025	294	.00	.00	.00	0.
1	1200	145	.00	.00	.00	0.	*	2	0030	295	.00	.00	.00	0.
1	1205	146	.00	.00	.00	0.	*	2	0035	296	.00	.00	.00	0.
1	1210	147	.00	.00	.00	0.	*	2	0040	297	.00	.00	.00	0.
1	1215	148	.00	.00	.00	0.	*	2	0045	298	.00	.00	.00	0.
1	1220	149	.00	.00	.00	0.	*	2	0050	299	.00	.00	.00	0.
1	1225	150	.00	.00	.00	0.	*	2	0055	300	.00	.00	.00	0.

TOTAL RAINFALL = 1.82, TOTAL LOSS = 1.75, TOTAL EXCESS = .07

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
+	1.	4.92	0.	0.	0.
		(CFS)	(INCHES)	(AC-FT)	
+			.069	0.	.069
			(AC-FT)	0.	0.

CUMULATIVE AREA = .02 SQ MI

 * *
 90 KK * CP2A *
 * *

92 KO OUTPUT CONTROL VARIABLES
 IPRINT 1 PRINT CONTROL
 I PLOT 0 PLOT CONTROL
 QSCAL 0. HYDROGRAPH PLOT SCALE

93 HC HYDROGRAPH COMBINATION
 ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION CP2A
 SUM OF 2 HYDROGRAPHS
 PLAN 1, RATIO = 1.00

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	
1	0000	1	0.	*	1	0615	76	0.	*	1	1230	151	0.	*	1	1845	226	0.
1	0005	2	0.	*	1	0620	77	0.	*	1	1235	152	0.	*	1	1850	227	0.
1	0010	3	0.	*	1	0625	78	0.	*	1	1240	153	0.	*	1	1855	228	0.
1	0015	4	0.	*	1	0630	79	0.	*	1	1245	154	0.	*	1	1900	229	0.

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

PEAK FLOW + (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24. 92-HR
		(CFS)			
+ 14.	3. 67		2.	1.	1.
		(INCHES)	. 632	. 633	. 633
		(AC-FT)	1.	1.	1.
CUMULATIVE AREA =			. 03 SQ MI		

HYDROGRAPH AT STATION CP2A
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = . 62

EX. OUT

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

PEAK FLOW	TIME		6-HR	24-HR	72-HR	24. 92-HR
+	(CFS)	(HR)				
+	4.	3.67				
		(CFS)				
		(INCHES)	.195	.196	.196	.196
		(AC-FT)	0.	0.	0.	0.

CUMULATIVE AREA = .03 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	RATIO 2
HYDROGRAPH AT				1.00	.62
+	OFF1	.02	1	FLOW TIME	12. 3. 3.58 3.58
ROUTED TO					
+	ROFF1	.02	1	FLOW TIME	12. 3. 3.67 3.67
HYDROGRAPH AT					
+	OFF2	.01	1	FLOW TIME	5. 1. 3.58 3.58
HYDROGRAPH AT					
+	GCD1	.00	1	FLOW TIME	2. 2. 3.50 3.50
3 COMBINED AT					
+	CP1	.03	1	FLOW TIME	18. 5. 3.58 3.67
DIVERSION TO					
+	DI VHA	.03	1	FLOW TIME	16. 4. 3.58 3.67
HYDROGRAPH AT					
+	GCD	.03	1	FLOW TIME	2. 1. 3.58 3.67
HYDROGRAPH AT					
+	EX1	.01	1	FLOW TIME	3. 0. 3.67 3.83
HYDROGRAPH AT					
+	DI VHA	.00	1	FLOW TIME	16. 4. 3.58 3.67
2 COMBINED AT					
+	CP1A	.01	1	FLOW TIME	18. 4. 3.58 3.67
HYDROGRAPH AT					
+	EX2	.02	1	FLOW TIME	6. 1. 3.75 4.92
HYDROGRAPH AT					
+	EX3	.03	1	FLOW TIME	10. 1. 3.75 3.83
HYDROGRAPH AT					
+	AR	.00	1	FLOW TIME	5. 3. 3.50 3.50
ROUTED TO					
+	RAR	.00	1	FLOW TIME	5. 3. 3.58 3.67
2 COMBINED AT					
+	CP2A	.03	1	FLOW TIME	14. 4. 3.67 3.67
2 COMBINED AT					
+	CP2	.05	1	FLOW TIME	19. 4. 3.67 3.67

1

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

I STAQ	ELEMENT	DT	PEAK	TIME TO PEAK	VOLUME	INTERPOLATED TO COMPUTATION INTERVAL			
						DT	PEAK	TIME TO PEAK	VOLUME
		(MIN)	(CFS)	(MIN)	(IN)	(MIN)	(CFS)	(MIN)	(IN)
FOR PLAN = 1	RATIO=	.00							
ROFF1	MANE	2.75	11.80	217.25	.76	5.00	11.73	220.00	.76

CONTINUITY SUMMARY (AC-FT) - INFLOW= .7383E+00 EXCESS= .0000E+00 OUTFLOW= .7386E+00 BASIN STORAGE= .3554E-03 PERCENT ERROR= -.1

EX. OUT

FOR PLAN = 1 RATIO= .00
 ROFF1 MANE 1.00 2.81 220.00 .21 5.00 2.81 220.00 .21

CONTINUITY SUMMARY (AC-FT) - INFLOW= .2071E+00 EXCESS= .0000E+00 OUTFLOW= .2071E+00 BASIN STORAGE= .3697E-03 PERCENT ERROR= -.2

FOR PLAN = 1 RATIO= .00
 RAR MANE 3.00 4.97 216.00 2.71 5.00 4.85 215.00 2.70

CONTINUITY SUMMARY (AC-FT) - INFLOW= .3318E+00 EXCESS= .0000E+00 OUTFLOW= .3322E+00 BASIN STORAGE= .7905E-03 PERCENT ERROR= -.4

FOR PLAN = 1 RATIO= .00
 RAR MANE 2.75 3.01 217.25 1.59 5.00 2.93 220.00 1.60

CONTINUITY SUMMARY (AC-FT) - INFLOW= .1953E+00 EXCESS= .0000E+00 OUTFLOW= .1956E+00 BASIN STORAGE= .8310E-03 PERCENT ERROR= -.6

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

TIME OF CONCENTRATION / LAG TIME DETERMINATION - less than 1 mi2



**LAS VEGAS LONE MOUNTAIN TEMPLE
PROPOSED CONDITIONS**

Project No: 192156002
Date: 6/13/2023
Calculated by: RRD

SUB-BASIN DATA				INITIAL / OVERLAND TIME (Ti)				TRAVEL TIME (Tt)					T _{lag}	REMARKS			
Basin ID	DEV./UNDEV. (D or U)	CN	K	AREA	AREA	INITIAL LENGTH	SLOPE	Ti	TRAVEL LENGTH	SLOPE	V ₁	V ₂	Tt	Tc	Tc Check	T _{lag}	
				Ac	Mi ²	Feet	%	Min	Feet	%	VELOCITY	VELOCITY				0.6Tc/60	RAINFALL
(1)	(2)	(3)	(4)	(5a)	(5b)	(6)	(7)	(8)	(9)	(10)	(10a)	(10b)	(11)	(12)	(13)	(14)	(15)
OFF1	D	71.4	0.5525	11.72	0.0183	500	52.40	5.9	2410	3.40	3.7	5.6	7.9	13.8	26.2	0.138	2.96
OFF2	D	73.0	0.5736	4.35	0.0068	130	1.00	10.8	270	1.00	2.0	3.1	2.2	13.0	12.2	0.122	2.96
GCD1	D	98.0	0.9036	0.61	0.0010	30	2.00	1.5	665	3.00	3.5	5.3	2.9	4.4	13.9	0.050	2.96
EX2	U	64.9	0.4667	3.66	0.0057	500	2.80	18.1	90	4.40	3.1	6.2	0.5	18.6	N/A	0.186	2.93
EX3	U	65.0	0.4680	13.77	0.0215	500	3.80	16.3	735	3.90	2.9	5.8	3.5	19.8	N/A	0.198	2.93
AR	D	98.0	0.9036	1.50	0.0023	50	2.00	2.0	1300	2.90	3.4	5.2	5.0	7.0	17.5	0.070	2.93
FA	D	98.0	0.9036	1.94	0.0030	30	2.00	1.5	1265	2.80	3.4	5.1	5.0	6.5	17.2	0.065	2.93
GCD2	D	98.0	0.9036	0.70	0.0011	40	2.00	1.8	650	3.20	3.6	5.5	2.8	4.5	13.8	0.050	2.96
ON	D	81.0	0.6792	16.58	0.0259	100	9.00	3.6	1625	2.60	3.3	4.9	6.4	10.0	19.6	0.100	2.93
HA	D	98.0	0.9036	1.86	0.0029	30	2.00	1.5	1235	2.50	3.2	4.8	5.1	6.7	17.0	0.067	2.93
TPL1	D	98.0	0.9036	0.50	0.0008	30	2.00	1.5	690	2.50	3.2	4.8	3.3	4.8	14.0	0.050	2.91
TPL2	D	98.0	0.9036	0.50	0.0008	30	2.00	1.5	690	2.50	3.2	4.8	3.3	4.8	14.0	0.050	2.91

NOTE:

(1) Subbasin Name (7) Initial Slope (10b) V₂ applies to the remaining travel distance; (15) Rainfall in inches
 (2) Developed or Undeveloped Subbasin (8) $T_i = 1.8 (1.1 - K) L^{1/2} / S^{1/3}$ Developed V₂ = $30.6(S/100)^{1/2}$
 (3) Curve Number (See Subbasin CN Calculations) (9) Travel Length (11) $T_t = 500/(V_1*60) + (Travel\ Length - 500)/(V_2*60)$
 (4) K = 0.0132 (CN) - 0.39 (10) Slope (12) T_c = T_i + T_t
 (5a) & (5b) Area (10a) Slope V₁ applies to the first 500 feet of travel distance; (13) T_c Check = L/180+10 (select smaller T_c)
 (6) Initial Length Developed V₁ = $20.2(S/100)^{1/2}$ (14) T_{lag} = 0.6 T_c/60

REFERENCE: Calculations based on the Clark County Regional Flood Control District HCDDM

STANDARD FORM 4

PRO. OUT

```

1*****
*
* FLOOD HYDROGRAPH PACKAGE (HEC-1)
* JUN 1998
* VERSION 4.1
*
* RUN DATE 01JUL24 TIME 17:04:12
*
*****

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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 XXXX X
X X X X X XX
X X X X X X
XXXXXXX XXXX X XXXXX X
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

1 HEC-1 INPUT PAGE 1

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

*DIAGRAM

*** FREE ***

```

1 ID *****
2 ID *
3 ID * LV LONE MOUNTAIN TEMPLE *
4 ID * PROPOSED CONDITIONS *
5 ID *
6 ID * PROJECT No: _ _ _ 192156002 *
7 ID * FILE: _ _ _ _ _PRO. H1 *
8 ID * DATE MODELED: _ _ 05/13/24 *
9 ID * MODELED BY: _ _ _ RRD/CZ *
10 ID *
11 ID *****
12 ID
13 ID *****
14 ID * RETURN PERIOD: _ _100-, 10- YEAR *
15 ID * DISTRIBUTION: _ _ 6-HOUR SDN3 *
16 ID *****
17 ID
18 IT 5 0 0 300
19 IO 5 0 0
20 IN 5 0 0
21 JR PREC 1 0.62
*
22 KK OFF1
23 PB 2.96
24 BA 0.0183
25 PC 0.000 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 1.000
33 LS 0 71.4
34 UD .138
*
35 KK ROFF1
36 KM ROUTE OFF1 TO CP1
37 KM LENGTH SLOPE n-VALUE SHAPE WIDTH S-SLOPE
38 RD 665 .030 .016 0 TRAP 80 50
*
39 KK OFF2
40 PB 2.96
41 BA 0.0068
42 LS 0 73.0
43 UD .122
*

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1 HEC-1 INPUT PAGE 2

PRO. OUT

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

```

44 KK GCD1
45 KM GRAND CANYON DRIVE
46 PB 2.96
47 BA 0.0010
48 LS 0 98.0
49 UD .050
*

50 KK GCD2
51 KM GRAND CANYON DR
52 PB 2.96
53 BA 0.0011
54 LS 0 98.0
55 UD .050
*

56 KK CP1
57 KM COMBI NE OFF1, OFF2, GCD1, AND GCD2
58 HC 4
*

59 KK EX2
60 PB 2.93
61 BA 0.0057
62 LS 0 64.9
63 UD .186
*

64 KK EX3
65 PB 2.93
66 BA 0.0215
67 LS 0 65.0
68 UD .198
*

69 KK CP3A
70 KM COMBI NE EX2 AND EX3
71 HC 2
*

72 KK AR
73 KM ALEXANDER ROAD
74 PB 2.93
75 BA 0.0023
76 LS 0 98.0
77 UD .070
*

78 KK RAR
79 KM ROUTE AR TO CP3
80 KM LENGTH SLOPE n-VALUE SHAPE WIDTH S-SLOPE
81 RD 600 .021 .016 0 TRAP 60 50
*

```

1

HEC-1 INPUT

PAGE 3

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

```

82 KK FA
83 KM FLORINE AVE
84 PB 2.93
85 BA 0.0030
86 LS 0 98.0
87 UD .065
*

88 KK CP3
89 KM COMBI NE CP3A, AR AND FA
90 HC 3
*

91 KK RCP3
92 KM ROUTE CP3 TO CP2
93 KM LENGTH SLOPE n-VALUE SHAPE WIDTH S-SLOPE
94 RD 690 .025 .016 0 TRAP 60 50
*

95 KK ON
96 KM ONSITE
97 PB 2.93
98 BA 0.0259
99 LS 0 81.0
100 UD .100
*

101 KK DVON1
102 KM DIVERT SURFACE FLOWS TO TEE PEE

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PRO. OUT

```

103      KM  REMAINING SD FLOWS
104      DT  DVTP
105      DI   0    12    30
106      DQ   0    1.5  3
      *

107      KK  DVON2
108      KM  DIVERT SURFACE FLOWS TO HICKAM
109      KM  REMAINING SD FLOWS
110      DT  DVHA
111      DI   0    10.5  27
112      DQ   0    0    1
      *

113      KK  TPL1
114      KM  TEE PEE LN
115      PB  2.91
116      BA  0.0008
117      LS   0    98.0
118      UD  .050
      *
  
```

1

HEC-1 INPUT

PAGE 4

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

```

119      KK  DVTP
120      KM  RETRIEVE DVTP
121      DR  DVTP
      *

122      KK  CP2A
123      KM  COMBINE DVON2, DVTP, CP3, AND TPL1
124      KO   1
125      HC   4
      *

126      KK  HA
127      KM  HICKAM AVE
128      PB  2.93
129      BA  0.0029
130      LS   0    98.0
131      UD  .067
      *

132      KK  DVHA
133      KM  RETRIEVE DVHA
134      DR  DVHA
      *

135      KK  CP2B
136      KM  COMBINE HA AND DVHA
137      KO   1
138      HC   2
      *

139      KK  CP2
140      KM  COMBINE CP2A, CP2B
141      HC   2
      *

142      KK  TPL2
143      KM  TEE PEE LN
144      KO   1
145      PB  2.91
146      BA  0.0008
147      LS   0    98.0
148      UD  .050
      *

149      ZZ
  
```

1

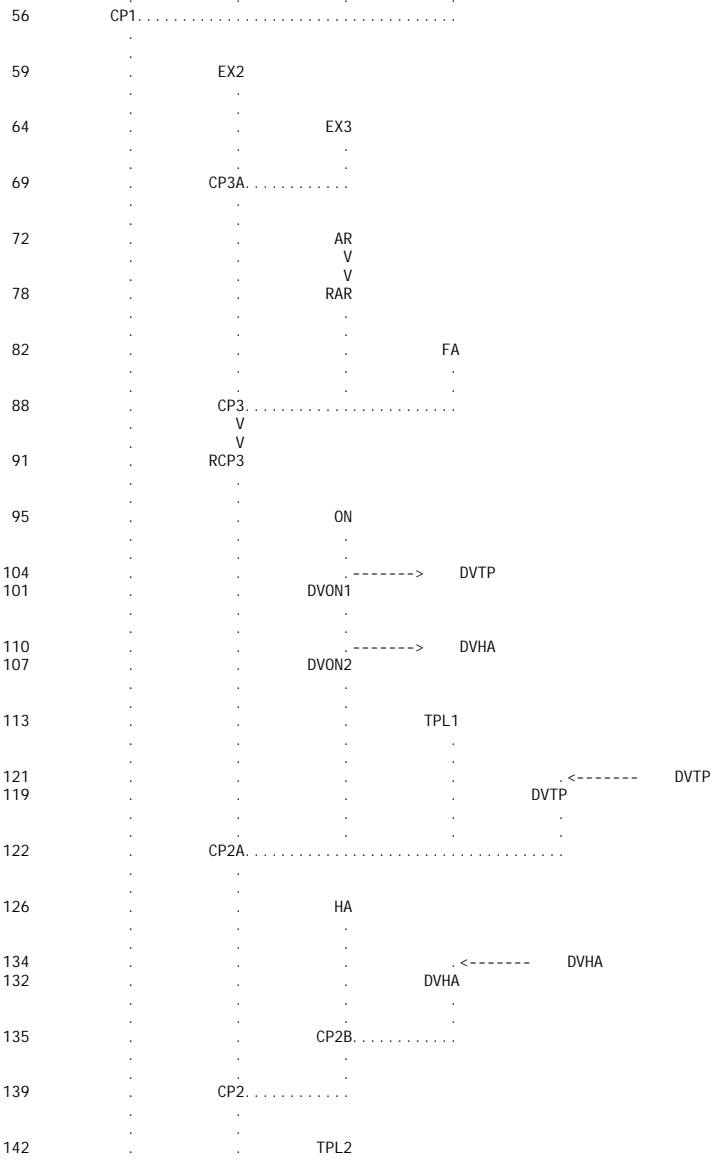
SCHEMATIC DIAGRAM OF STREAM NETWORK

```

INPUT
LINE (V) ROUTING      (--->) DIVERSION OR PUMP FLOW

NO.  (.) CONNECTOR  (<---) RETURN OF DIVERTED OR PUMPED FLOW

22   OFF1
     V
     V
35   ROFF1
     .
     .
39   .      OFF2
     .      .
     .      .
44   .      .      GCD1
     .      .      .
50   .      .      .      GCD2
     .      .      .      .
  
```



(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```

*****
* FLOOD HYDROGRAPH PACKAGE (HEC-1) *
* JUN 1998 *
* VERSION 4.1 *
* RUN DATE 01JUL24 TIME 17:04:12 *
*****

```

```

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

```

```

*****
* LV LONE MOUNTAIN TEMPLE *
* PROPOSED CONDITIONS *
* PROJECT No: _ _ _ 192156002 *
* FILE: _ _ _ _ _PRO. H1 *
* DATE MODELED: _ _ 05/13/24 *
* MODELED BY: _ _ _ RRD/CZ *
*****

```

PRO. OUT

* RETURN PERIOD: _ _100-, 10- YEAR *
* DISTRIBUTION: _ _ 6-HOUR SDN3 *

19 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 .62

* *
122 KK * CP2A *
* *

124 KO OUTPUT CONTROL VARIABLES
 IPRNT 1 PRINT CONTROL
 IPLOT 0 PLOT CONTROL
 QSCAL 0. HYDROGRAPH PLOT SCALE

125 HC HYDROGRAPH COMBINATION
 ICOMP 4 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION CP2A
SUM OF 4 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	0.	*	1	1230	151	0.	*	1	1845	226	0.					
1	0005	2	0.	*	1	0620	77	0.	*	1	1235	152	0.	*	1	1850	227	0.					
1	0010	3	0.	*	1	0625	78	0.	*	1	1240	153	0.	*	1	1855	228	0.					
1	0015	4	1.	*	1	0630	79	0.	*	1	1245	154	0.	*	1	1900	229	0.					
1	0020	5	1.	*	1	0635	80	0.	*	1	1250	155	0.	*	1	1905	230	0.					
1	0025	6	2.	*	1	0640	81	0.	*	1	1255	156	0.	*	1	1910	231	0.					
1	0030	7	2.	*	1	0645	82	0.	*	1	1300	157	0.	*	1	1915	232	0.					
1	0035	8	2.	*	1	0650	83	0.	*	1	1305	158	0.	*	1	1920	233	0.					
1	0040	9	1.	*	1	0655	84	0.	*	1	1310	159	0.	*	1	1925	234	0.					
1	0045	10	1.	*	1	0700	85	0.	*	1	1315	160	0.	*	1	1930	235	0.					
1	0050	11	0.	*	1	0705	86	0.	*	1	1320	161	0.	*	1	1935	236	0.					
1	0055	12	0.	*	1	0710	87	0.	*	1	1325	162	0.	*	1	1940	237	0.					
1	0100	13	0.	*	1	0715	88	0.	*	1	1330	163	0.	*	1	1945	238	0.					
1	0105	14	0.	*	1	0720	89	0.	*	1	1335	164	0.	*	1	1950	239	0.					
1	0110	15	0.	*	1	0725	90	0.	*	1	1340	165	0.	*	1	1955	240	0.					
1	0115	16	0.	*	1	0730	91	0.	*	1	1345	166	0.	*	1	2000	241	0.					
1	0120	17	0.	*	1	0735	92	0.	*	1	1350	167	0.	*	1	2005	242	0.					
1	0125	18	1.	*	1	0740	93	0.	*	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	1.	*	1	0755	96	0.	*	1	1410	171	0.	*	1	2025	246	0.					

PRO. OUT																		
1	0145	22	1.	*	1	0800	97	0.	*	1	1415	172	0.	*	1	2030	247	0.
1	0150	23	1.	*	1	0805	98	0.	*	1	1420	173	0.	*	1	2035	248	0.
1	0155	24	1.	*	1	0810	99	0.	*	1	1425	174	0.	*	1	2040	249	0.
1	0200	25	1.	*	1	0815	100	0.	*	1	1430	175	0.	*	1	2045	250	0.
1	0205	26	0.	*	1	0820	101	0.	*	1	1435	176	0.	*	1	2050	251	0.
1	0210	27	1.	*	1	0825	102	0.	*	1	1440	177	0.	*	1	2055	252	0.
1	0215	28	1.	*	1	0830	103	0.	*	1	1445	178	0.	*	1	2100	253	0.
1	0220	29	2.	*	1	0835	104	0.	*	1	1450	179	0.	*	1	2105	254	0.
1	0225	30	2.	*	1	0840	105	0.	*	1	1455	180	0.	*	1	2110	255	0.
1	0230	31	2.	*	1	0845	106	0.	*	1	1500	181	0.	*	1	2115	256	0.
1	0235	32	2.	*	1	0850	107	0.	*	1	1505	182	0.	*	1	2120	257	0.
1	0240	33	2.	*	1	0855	108	0.	*	1	1510	183	0.	*	1	2125	258	0.
1	0245	34	2.	*	1	0900	109	0.	*	1	1515	184	0.	*	1	2130	259	0.
1	0250	35	2.	*	1	0905	110	0.	*	1	1520	185	0.	*	1	2135	260	0.
1	0255	36	2.	*	1	0910	111	0.	*	1	1525	186	0.	*	1	2140	261	0.
1	0300	37	2.	*	1	0915	112	0.	*	1	1530	187	0.	*	1	2145	262	0.
1	0305	38	3.	*	1	0920	113	0.	*	1	1535	188	0.	*	1	2150	263	0.
1	0310	39	6.	*	1	0925	114	0.	*	1	1540	189	0.	*	1	2155	264	0.
1	0315	40	11.	*	1	0930	115	0.	*	1	1545	190	0.	*	1	2200	265	0.
1	0320	41	20.	*	1	0935	116	0.	*	1	1550	191	0.	*	1	2205	266	0.
1	0325	42	32.	*	1	0940	117	0.	*	1	1555	192	0.	*	1	2210	267	0.
1	0330	43	45.	*	1	0945	118	0.	*	1	1600	193	0.	*	1	2215	268	0.
1	0335	44	46.	*	1	0950	119	0.	*	1	1605	194	0.	*	1	2220	269	0.
1	0340	45	37.	*	1	0955	120	0.	*	1	1610	195	0.	*	1	2225	270	0.
1	0345	46	31.	*	1	1000	121	0.	*	1	1615	196	0.	*	1	2230	271	0.
1	0350	47	24.	*	1	1005	122	0.	*	1	1620	197	0.	*	1	2235	272	0.
1	0355	48	17.	*	1	1010	123	0.	*	1	1625	198	0.	*	1	2240	273	0.
1	0400	49	15.	*	1	1015	124	0.	*	1	1630	199	0.	*	1	2245	274	0.
1	0405	50	12.	*	1	1020	125	0.	*	1	1635	200	0.	*	1	2250	275	0.
1	0410	51	8.	*	1	1025	126	0.	*	1	1640	201	0.	*	1	2255	276	0.
1	0415	52	7.	*	1	1030	127	0.	*	1	1645	202	0.	*	1	2300	277	0.
1	0420	53	6.	*	1	1035	128	0.	*	1	1650	203	0.	*	1	2305	278	0.
1	0425	54	7.	*	1	1040	129	0.	*	1	1655	204	0.	*	1	2310	279	0.
1	0430	55	9.	*	1	1045	130	0.	*	1	1700	205	0.	*	1	2315	280	0.
1	0435	56	12.	*	1	1050	131	0.	*	1	1705	206	0.	*	1	2320	281	0.
1	0440	57	12.	*	1	1055	132	0.	*	1	1710	207	0.	*	1	2325	282	0.
1	0445	58	11.	*	1	1100	133	0.	*	1	1715	208	0.	*	1	2330	283	0.
1	0450	59	12.	*	1	1105	134	0.	*	1	1720	209	0.	*	1	2335	284	0.
1	0455	60	12.	*	1	1110	135	0.	*	1	1725	210	0.	*	1	2340	285	0.
1	0500	61	9.	*	1	1115	136	0.	*	1	1730	211	0.	*	1	2345	286	0.
1	0505	62	7.	*	1	1120	137	0.	*	1	1735	212	0.	*	1	2350	287	0.
1	0510	63	5.	*	1	1125	138	0.	*	1	1740	213	0.	*	1	2355	288	0.
1	0515	64	4.	*	1	1130	139	0.	*	1	1745	214	0.	*	2	0000	289	0.
1	0520	65	3.	*	1	1135	140	0.	*	1	1750	215	0.	*	2	0005	290	0.
1	0525	66	2.	*	1	1140	141	0.	*	1	1755	216	0.	*	2	0010	291	0.
1	0530	67	2.	*	1	1145	142	0.	*	1	1800	217	0.	*	2	0015	292	0.
1	0535	68	1.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.
1	0540	69	1.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.
1	0545	70	1.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.
1	0550	71	1.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.
1	0555	72	1.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.
1	0600	73	1.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.
1	0605	74	1.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.
1	0610	75	0.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
(CFS)	(HR)	6-HR	24-HR	72-HR	24. 92-HR
46.	3. 58	7.	2.	2.	2.
		(INCHES)	1. 037	1. 039	1. 039
		(AC-FT)	3.	3.	3.

CUMULATIVE AREA = .06 SQ MI

HYDROGRAPH AT STATION CP2A
SUM OF 4 HYDROGRAPHS
PLAN 1, RATIO = .62

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

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

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
(CFS)	(HR)	6-HR	24-HR	72-HR	24. 92-HR
19.	3.58	3.	1.	1.	1.
		(INCHES)	.419	.420	.420
		(AC-FT)	1.	1.	1.
CUMULATIVE AREA =		.06 SQ MI			

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*           *
135 KK    * CP2B *
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137 KO    OUTPUT CONTROL VARIABLES
          IPRNT      1  PRINT CONTROL
          IPLOT      0  PLOT CONTROL
          QSCAL      0. HYDROGRAPH PLOT SCALE

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PRO. OUT

138 HC HYDROGRAPH COMBINATION
 ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION CP2B
 SUM OF 2 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	0.	*	1		1230	151	0.	*	1		1845	226	0.
1		0005	2	0.	*	1		0620	77	0.	*	1		1235	152	0.	*	1		1850	227	0.
1		0010	3	1.	*	1		0625	78	0.	*	1		1240	153	0.	*	1		1855	228	0.
1		0015	4	1.	*	1		0630	79	0.	*	1		1245	154	0.	*	1		1900	229	0.
1		0020	5	1.	*	1		0635	80	0.	*	1		1250	155	0.	*	1		1905	230	0.
1		0025	6	1.	*	1		0640	81	0.	*	1		1255	156	0.	*	1		1910	231	0.
1		0030	7	1.	*	1		0645	82	0.	*	1		1300	157	0.	*	1		1915	232	0.
1		0035	8	1.	*	1		0650	83	0.	*	1		1305	158	0.	*	1		1920	233	0.
1		0040	9	0.	*	1		0655	84	0.	*	1		1310	159	0.	*	1		1925	234	0.
1		0045	10	0.	*	1		0700	85	0.	*	1		1315	160	0.	*	1		1930	235	0.
1		0050	11	0.	*	1		0705	86	0.	*	1		1320	161	0.	*	1		1935	236	0.
1		0055	12	0.	*	1		0710	87	0.	*	1		1325	162	0.	*	1		1940	237	0.
1		0100	13	0.	*	1		0715	88	0.	*	1		1330	163	0.	*	1		1945	238	0.
1		0105	14	0.	*	1		0720	89	0.	*	1		1335	164	0.	*	1		1950	239	0.
1		0110	15	0.	*	1		0725	90	0.	*	1		1340	165	0.	*	1		1955	240	0.
1		0115	16	0.	*	1		0730	91	0.	*	1		1345	166	0.	*	1		2000	241	0.
1		0120	17	0.	*	1		0735	92	0.	*	1		1350	167	0.	*	1		2005	242	0.
1		0125	18	0.	*	1		0740	93	0.	*	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	1.	*	1		0755	96	0.	*	1		1410	171	0.	*	1		2025	246	0.
1		0145	22	0.	*	1		0800	97	0.	*	1		1415	172	0.	*	1		2030	247	0.
1		0150	23	0.	*	1		0805	98	0.	*	1		1420	173	0.	*	1		2035	248	0.
1		0155	24	0.	*	1		0810	99	0.	*	1		1425	174	0.	*	1		2040	249	0.
1		0200	25	0.	*	1		0815	100	0.	*	1		1430	175	0.	*	1		2045	250	0.
1		0205	26	0.	*	1		0820	101	0.	*	1		1435	176	0.	*	1		2050	251	0.
1		0210	27	0.	*	1		0825	102	0.	*	1		1440	177	0.	*	1		2055	252	0.
1		0215	28	1.	*	1		0830	103	0.	*	1		1445	178	0.	*	1		2100	253	0.
1		0220	29	1.	*	1		0835	104	0.	*	1		1450	179	0.	*	1		2105	254	0.
1		0225	30	1.	*	1		0840	105	0.	*	1		1455	180	0.	*	1		2110	255	0.
1		0230	31	0.	*	1		0845	106	0.	*	1		1500	181	0.	*	1		2115	256	0.
1		0235	32	0.	*	1		0850	107	0.	*	1		1505	182	0.	*	1		2120	257	0.
1		0240	33	1.	*	1		0855	108	0.	*	1		1510	183	0.	*	1		2125	258	0.
1		0245	34	1.	*	1		0900	109	0.	*	1		1515	184	0.	*	1		2130	259	0.
1		0250	35	0.	*	1		0905	110	0.	*	1		1520	185	0.	*	1		2135	260	0.
1		0255	36	0.	*	1		0910	111	0.	*	1		1525	186	0.	*	1		2140	261	0.
1		0300	37	0.	*	1		0915	112	0.	*	1		1530	187	0.	*	1		2145	262	0.
1		0305	38	1.	*	1		0920	113	0.	*	1		1535	188	0.	*	1		2150	263	0.
1		0310	39	2.	*	1		0925	114	0.	*	1		1540	189	0.	*	1		2155	264	0.
1		0315	40	3.	*	1		0930	115	0.	*	1		1545	190	0.	*	1		2200	265	0.
1		0320	41	5.	*	1		0935	116	0.	*	1		1550	191	0.	*	1		2205	266	0.
1		0325	42	6.	*	1		0940	117	0.	*	1		1555	192	0.	*	1		2210	267	0.
1		0330	43	8.	*	1		0945	118	0.	*	1		1600	193	0.	*	1		2215	268	0.
1		0335	44	6.	*	1		0950	119	0.	*	1		1605	194	0.	*	1		2220	269	0.
1		0340	45	3.	*	1		0955	120	0.	*	1		1610	195	0.	*	1		2225	270	0.
1		0345	46	3.	*	1		1000	121	0.	*	1		1615	196	0.	*	1		2230	271	0.
1		0350	47	1.	*	1		1005	122	0.	*	1		1620	197	0.	*	1		2235	272	0.
1		0355	48	1.	*	1		1010	123	0.	*	1		1625	198	0.	*	1		2240	273	0.
1		0400	49	1.	*	1		1015	124	0.	*	1		1630	199	0.	*	1		2245	274	0.
1		0405	50	1.	*	1		1020	125	0.	*	1		1635	200	0.	*	1		2250	275	0.
1		0410	51	0.	*	1		1025	126	0.	*	1		1640	201	0.	*	1		2255	276	0.
1		0415	52	0.	*	1		1030	127	0.	*	1		1645	202	0.	*	1		2300	277	0.
1		0420	53	0.	*	1		1035	128	0.	*	1		1650	203	0.	*	1		2305	278	0.
1		0425	54	1.	*	1		1040	129	0.	*	1		1655	204	0.	*	1		2310	279	0.
1		0430	55	1.	*	1		1045	130	0.	*	1		1700	205	0.	*	1		2315	280	0.
1		0435	56	1.	*	1		1050	131	0.	*	1		1705	206	0.	*	1		2320	281	0.
1		0440	57	1.	*	1		1055	132	0.	*	1		1710	207	0.	*	1		2325	282	0.
1		0445	58	1.	*	1		1100	133	0.	*	1		1715	208	0.	*	1		2330	283	0.
1		0450	59	1.	*	1		1105	134	0.	*	1		1720	209	0.	*	1		2335	284	0.
1		0455	60	1.	*	1		1110	135	0.	*	1		1725	210	0.	*	1		2340	285	0.
1		0500	61	1.	*	1		1115	136	0.	*	1		1730	211	0.	*	1		2345	286	0.
1		0505	62	0.	*	1		1120	137	0.	*	1		1735	212	0.	*	1		2350	287	0.
1		0510	63	0.	*	1		1125	138	0.	*	1		1740	213	0.	*	1		2355	288	0.
1		0515	64	0.	*	1		1130	139	0.	*	1		1745	214	0.	*	2		0000	289	0.
1		0520	65	0.	*	1		1135	140	0.	*	1		1750	215	0.	*	2		0005	290	0.
1		0525	66	0.	*	1		1140	141	0.	*	1		1755	216	0.	*	2		0010	291	0.
1		0530	67	0.	*	1		1145	142	0.	*	1		1800	217	0.	*	2		0015	292	0.
1		0535	68	0.	*	1		1150	143	0.	*	1		1805	218	0.	*	2		0020	293	0.
1		0540	69	0.	*	1		1155	144	0.	*	1		1810	219	0.	*	2		0025	294	0.
1		0545	70	0.	*	1		1200	145	0.	*	1		1815	220	0.	*	2		0030	295	0.
1		0550	71	0.	*	1		1205	146	0.	*	1		1820	221	0.	*	2		0035	296	0.
1		0555	72	0.	*	1		1210	147	0.	*	1		1825	222	0.	*	2		0040	297	0.
1		0600	73	0.	*	1		1215	148	0.	*	1		1830	223	0.	*	2		0045	298	0.
1		0605	74	0.	*	1		1220	149	0.	*	1		1835	224	0.	*	2		0050	299	0.
1		0610	75	0.	*	1		1225	150	0.	*	1		1840	225	0.	*	2		0055	300	0.

PRO. OUT

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24. 92-HR
8.	3.50	1.	0.	0.	0.
		(INCHES)	2.844	2.846	2.846
		(AC-FT)	0.	0.	0.
CUMULATIVE AREA =		.00 SQ MI			

HYDROGRAPH AT STATION CP2B
SUM OF 2 HYDROGRAPHS
PLAN 1, RATIO = .62

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

PRO. OUT																		
1	0535	68	0.	*	1	1150	143	0.	*	1	1805	218	0.	*	2	0020	293	0.
1	0540	69	0.	*	1	1155	144	0.	*	1	1810	219	0.	*	2	0025	294	0.
1	0545	70	0.	*	1	1200	145	0.	*	1	1815	220	0.	*	2	0030	295	0.
1	0550	71	0.	*	1	1205	146	0.	*	1	1820	221	0.	*	2	0035	296	0.
1	0555	72	0.	*	1	1210	147	0.	*	1	1825	222	0.	*	2	0040	297	0.
1	0600	73	0.	*	1	1215	148	0.	*	1	1830	223	0.	*	2	0045	298	0.
1	0605	74	0.	*	1	1220	149	0.	*	1	1835	224	0.	*	2	0050	299	0.
1	0610	75	0.	*	1	1225	150	0.	*	1	1840	225	0.	*	2	0055	300	0.

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW				
(CFS)	(HR)	6-HR	24-HR	72-HR	24.92-HR	
+	4.	3.50	0.	0.	0.	0.
		(CFS)	1.592	1.593	1.593	1.593
		(INCHES)	0.	0.	0.	0.
		(AC-FT)				
CUMULATIVE AREA =		.00 SQ MI				

*** ** ** ** **

* * *
142 KK TPL2 *
* * *

144 KO OUTPUT CONTROL VARIABLES
I PRNT 1 PRINT CONTROL
I PLOT 0 PLOT CONTROL
Q SCAL 0. HYDROGRAPH PLOT SCALE

SUBBASIN RUNOFF DATA

146 BA SUBBASIN CHARACTERISTICS
T AREA .00 SUBBASIN AREA

PRECIPITATION DATA

145 PB STORM 2.91 BASIN TOTAL PRECIPITATION

24 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								

147 LS SCS LOSS RATE
STR TL .04 INITIAL ABSTRACTION
CRVNBR 98.00 CURVE NUMBER
RTIMP .00 PERCENT IMPERVIOUS AREA

148 UD SCS DIMENSIONLESS UNIT GRAPH
TLAG .05 LAG

WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG

UNIT HYDROGRAPH
5 END-OF-PERIOD ORDINATES
0.

4. 2. 0. 0.

HYDROGRAPH AT STATION TPL2

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	0000	1	.00	.00	.00	0.	*	1	1230	151	.00	.00	.00	0.		
1	0005	2	.06	.06	.00	0.	*	1	1235	152	.00	.00	.00	0.		
1	0010	3	.11	.06	.05	0.	*	1	1240	153	.00	.00	.00	0.		
1	0015	4	.04	.01	.02	0.	*	1	1245	154	.00	.00	.00	0.		
1	0020	5	.05	.01	.04	0.	*	1	1250	155	.00	.00	.00	0.		
1	0025	6	.06	.01	.05	0.	*	1	1255	156	.00	.00	.00	0.		
1	0030	7	.05	.01	.04	0.	*	1	1300	157	.00	.00	.00	0.		
1	0035	8	.02	.00	.01	0.	*	1	1305	158	.00	.00	.00	0.		
1	0040	9	.00	.00	.00	0.	*	1	1310	159	.00	.00	.00	0.		
1	0045	10	.00	.00	.00	0.	*	1	1315	160	.00	.00	.00	0.		

										PRO. OUT				
1	0050	11	.00	.00	.00	0.	*	1	1320	161	.00	.00	.00	0.
1	0055	12	.00	.00	.00	0.	*	1	1325	162	.00	.00	.00	0.
1	0100	13	.00	.00	.00	0.	*	1	1330	163	.00	.00	.00	0.
1	0105	14	.01	.00	.01	0.	*	1	1335	164	.00	.00	.00	0.
1	0110	15	.02	.00	.02	0.	*	1	1340	165	.00	.00	.00	0.
1	0115	16	.01	.00	.01	0.	*	1	1345	166	.00	.00	.00	0.
1	0120	17	.02	.00	.02	0.	*	1	1350	167	.00	.00	.00	0.
1	0125	18	.03	.00	.03	0.	*	1	1355	168	.00	.00	.00	0.
1	0130	19	.04	.00	.04	0.	*	1	1400	169	.00	.00	.00	0.
1	0135	20	.03	.00	.02	0.	*	1	1405	170	.00	.00	.00	0.
1	0140	21	.03	.00	.02	0.	*	1	1410	171	.00	.00	.00	0.
1	0145	22	.02	.00	.02	0.	*	1	1415	172	.00	.00	.00	0.
1	0150	23	.01	.00	.01	0.	*	1	1420	173	.00	.00	.00	0.
1	0155	24	.00	.00	.00	0.	*	1	1425	174	.00	.00	.00	0.
1	0200	25	.00	.00	.00	0.	*	1	1430	175	.00	.00	.00	0.
1	0205	26	.01	.00	.01	0.	*	1	1435	176	.00	.00	.00	0.
1	0210	27	.03	.00	.03	0.	*	1	1440	177	.00	.00	.00	0.
1	0215	28	.04	.00	.04	0.	*	1	1445	178	.00	.00	.00	0.
1	0220	29	.03	.00	.03	0.	*	1	1450	179	.00	.00	.00	0.
1	0225	30	.02	.00	.02	0.	*	1	1455	180	.00	.00	.00	0.
1	0230	31	.01	.00	.01	0.	*	1	1500	181	.00	.00	.00	0.
1	0235	32	.01	.00	.01	0.	*	1	1505	182	.00	.00	.00	0.
1	0240	33	.04	.00	.04	0.	*	1	1510	183	.00	.00	.00	0.
1	0245	34	.02	.00	.02	0.	*	1	1515	184	.00	.00	.00	0.
1	0250	35	.01	.00	.01	0.	*	1	1520	185	.00	.00	.00	0.
1	0255	36	.01	.00	.01	0.	*	1	1525	186	.00	.00	.00	0.
1	0300	37	.03	.00	.03	0.	*	1	1530	187	.00	.00	.00	0.
1	0305	38	.08	.00	.08	0.	*	1	1535	188	.00	.00	.00	0.
1	0310	39	.09	.00	.08	0.	*	1	1540	189	.00	.00	.00	0.
1	0315	40	.17	.00	.16	1.	*	1	1545	190	.00	.00	.00	0.
1	0320	41	.26	.00	.26	1.	*	1	1550	191	.00	.00	.00	0.
1	0325	42	.26	.00	.26	2.	*	1	1555	192	.00	.00	.00	0.
1	0330	43	.35	.00	.35	2.	*	1	1600	193	.00	.00	.00	0.
1	0335	44	.10	.00	.10	1.	*	1	1605	194	.00	.00	.00	0.
1	0340	45	.11	.00	.11	1.	*	1	1610	195	.00	.00	.00	0.
1	0345	46	.09	.00	.09	1.	*	1	1615	196	.00	.00	.00	0.
1	0350	47	.02	.00	.02	0.	*	1	1620	197	.00	.00	.00	0.
1	0355	48	.05	.00	.05	0.	*	1	1625	198	.00	.00	.00	0.
1	0400	49	.05	.00	.05	0.	*	1	1630	199	.00	.00	.00	0.
1	0405	50	.01	.00	.01	0.	*	1	1635	200	.00	.00	.00	0.
1	0410	51	.01	.00	.01	0.	*	1	1640	201	.00	.00	.00	0.
1	0415	52	.02	.00	.02	0.	*	1	1645	202	.00	.00	.00	0.
1	0420	53	.02	.00	.02	0.	*	1	1650	203	.00	.00	.00	0.
1	0425	54	.03	.00	.03	0.	*	1	1655	204	.00	.00	.00	0.
1	0430	55	.06	.00	.06	0.	*	1	1700	205	.00	.00	.00	0.
1	0435	56	.05	.00	.05	0.	*	1	1705	206	.00	.00	.00	0.
1	0440	57	.03	.00	.03	0.	*	1	1710	207	.00	.00	.00	0.
1	0445	58	.04	.00	.04	0.	*	1	1715	208	.00	.00	.00	0.
1	0450	59	.06	.00	.06	0.	*	1	1720	209	.00	.00	.00	0.
1	0455	60	.02	.00	.02	0.	*	1	1725	210	.00	.00	.00	0.
1	0500	61	.02	.00	.02	0.	*	1	1730	211	.00	.00	.00	0.
1	0505	62	.01	.00	.01	0.	*	1	1735	212	.00	.00	.00	0.
1	0510	63	.01	.00	.01	0.	*	1	1740	213	.00	.00	.00	0.
1	0515	64	.01	.00	.01	0.	*	1	1745	214	.00	.00	.00	0.
1	0520	65	.00	.00	.00	0.	*	1	1750	215	.00	.00	.00	0.
1	0525	66	.01	.00	.01	0.	*	1	1755	216	.00	.00	.00	0.
1	0530	67	.00	.00	.00	0.	*	1	1800	217	.00	.00	.00	0.
1	0535	68	.00	.00	.00	0.	*	1	1805	218	.00	.00	.00	0.
1	0540	69	.00	.00	.00	0.	*	1	1810	219	.00	.00	.00	0.
1	0545	70	.01	.00	.01	0.	*	1	1815	220	.00	.00	.00	0.
1	0550	71	.00	.00	.00	0.	*	1	1820	221	.00	.00	.00	0.
1	0555	72	.00	.00	.00	0.	*	1	1825	222	.00	.00	.00	0.
1	0600	73	.00	.00	.00	0.	*	1	1830	223	.00	.00	.00	0.
1	0605	74	.00	.00	.00	0.	*	1	1835	224	.00	.00	.00	0.
1	0610	75	.00	.00	.00	0.	*	1	1840	225	.00	.00	.00	0.
1	0615	76	.00	.00	.00	0.	*	1	1845	226	.00	.00	.00	0.
1	0620	77	.00	.00	.00	0.	*	1	1850	227	.00	.00	.00	0.
1	0625	78	.00	.00	.00	0.	*	1	1855	228	.00	.00	.00	0.
1	0630	79	.00	.00	.00	0.	*	1	1900	229	.00	.00	.00	0.
1	0635	80	.00	.00	.00	0.	*	1	1905	230	.00	.00	.00	0.
1	0640	81	.00	.00	.00	0.	*	1	1910	231	.00	.00	.00	0.
1	0645	82	.00	.00	.00	0.	*	1	1915	232	.00	.00	.00	0.
1	0650	83	.00	.00	.00	0.	*	1	1920	233	.00	.00	.00	0.
1	0655	84	.00	.00	.00	0.	*	1	1925	234	.00	.00	.00	0.
1	0700	85	.00	.00	.00	0.	*	1	1930	235	.00	.00	.00	0.
1	0705	86	.00	.00	.00	0.	*	1	1935	236	.00	.00	.00	0.
1	0710	87	.00	.00	.00	0.	*	1	1940	237	.00	.00	.00	0.
1	0715	88	.00	.00	.00	0.	*	1	1945	238	.00	.00	.00	0.
1	0720	89	.00	.00	.00	0.	*	1	1950	239	.00	.00	.00	0.
1	0725	90	.00	.00	.00	0.	*	1	1955	240	.00	.00	.00	0.
1	0730	91	.00	.00	.00	0.	*	1	2000	241	.00	.00	.00	0.
1	0735	92	.00	.00	.00	0.	*	1	2005	242	.00	.00	.00	0.
1	0740	93	.00	.00	.00	0.	*	1	2010	243	.00	.00	.00	0.
1	0745	94	.00	.00	.00	0.	*	1	2015	244	.00	.00	.00	0.
1	0750	95	.00	.00	.00	0.	*	1	2020	245	.00	.00	.00	0.
1	0755	96	.00	.00	.00	0.	*	1	2025	246	.00	.00	.00	0.
1	0800	97	.00	.00	.00	0.	*	1	2030	247	.00	.00	.00	0.
1	0805	98	.00	.00	.00	0.	*	1	2035	248	.00	.00	.00	0.
1	0810	99	.00	.00	.00	0.	*	1	2040	249	.00	.00	.00	0.
1	0815	100	.00	.00	.00	0.	*	1	2045	250	.00	.00	.00	0.
1	0820	101	.00	.00	.00	0.	*	1	2050	251	.00	.00	.00	0.

														PRO. OUT	
1	0825	102	.00	.00	.00	0.	*	1	2055	252	.00	.00	.00	0.	
1	0830	103	.00	.00	.00	0.	*	1	2100	253	.00	.00	.00	0.	
1	0835	104	.00	.00	.00	0.	*	1	2105	254	.00	.00	.00	0.	
1	0840	105	.00	.00	.00	0.	*	1	2110	255	.00	.00	.00	0.	
1	0845	106	.00	.00	.00	0.	*	1	2115	256	.00	.00	.00	0.	
1	0850	107	.00	.00	.00	0.	*	1	2120	257	.00	.00	.00	0.	
1	0855	108	.00	.00	.00	0.	*	1	2125	258	.00	.00	.00	0.	
1	0900	109	.00	.00	.00	0.	*	1	2130	259	.00	.00	.00	0.	
1	0905	110	.00	.00	.00	0.	*	1	2135	260	.00	.00	.00	0.	
1	0910	111	.00	.00	.00	0.	*	1	2140	261	.00	.00	.00	0.	
1	0915	112	.00	.00	.00	0.	*	1	2145	262	.00	.00	.00	0.	
1	0920	113	.00	.00	.00	0.	*	1	2150	263	.00	.00	.00	0.	
1	0925	114	.00	.00	.00	0.	*	1	2155	264	.00	.00	.00	0.	
1	0930	115	.00	.00	.00	0.	*	1	2200	265	.00	.00	.00	0.	
1	0935	116	.00	.00	.00	0.	*	1	2205	266	.00	.00	.00	0.	
1	0940	117	.00	.00	.00	0.	*	1	2210	267	.00	.00	.00	0.	
1	0945	118	.00	.00	.00	0.	*	1	2215	268	.00	.00	.00	0.	
1	0950	119	.00	.00	.00	0.	*	1	2220	269	.00	.00	.00	0.	
1	0955	120	.00	.00	.00	0.	*	1	2225	270	.00	.00	.00	0.	
1	1000	121	.00	.00	.00	0.	*	1	2230	271	.00	.00	.00	0.	
1	1005	122	.00	.00	.00	0.	*	1	2235	272	.00	.00	.00	0.	
1	1010	123	.00	.00	.00	0.	*	1	2240	273	.00	.00	.00	0.	
1	1015	124	.00	.00	.00	0.	*	1	2245	274	.00	.00	.00	0.	
1	1020	125	.00	.00	.00	0.	*	1	2250	275	.00	.00	.00	0.	
1	1025	126	.00	.00	.00	0.	*	1	2255	276	.00	.00	.00	0.	
1	1030	127	.00	.00	.00	0.	*	1	2300	277	.00	.00	.00	0.	
1	1035	128	.00	.00	.00	0.	*	1	2305	278	.00	.00	.00	0.	
1	1040	129	.00	.00	.00	0.	*	1	2310	279	.00	.00	.00	0.	
1	1045	130	.00	.00	.00	0.	*	1	2315	280	.00	.00	.00	0.	
1	1050	131	.00	.00	.00	0.	*	1	2320	281	.00	.00	.00	0.	
1	1055	132	.00	.00	.00	0.	*	1	2325	282	.00	.00	.00	0.	
1	1100	133	.00	.00	.00	0.	*	1	2330	283	.00	.00	.00	0.	
1	1105	134	.00	.00	.00	0.	*	1	2335	284	.00	.00	.00	0.	
1	1110	135	.00	.00	.00	0.	*	1	2340	285	.00	.00	.00	0.	
1	1115	136	.00	.00	.00	0.	*	1	2345	286	.00	.00	.00	0.	
1	1120	137	.00	.00	.00	0.	*	1	2350	287	.00	.00	.00	0.	
1	1125	138	.00	.00	.00	0.	*	1	2355	288	.00	.00	.00	0.	
1	1130	139	.00	.00	.00	0.	*	2	0000	289	.00	.00	.00	0.	
1	1135	140	.00	.00	.00	0.	*	2	0005	290	.00	.00	.00	0.	
1	1140	141	.00	.00	.00	0.	*	2	0010	291	.00	.00	.00	0.	
1	1145	142	.00	.00	.00	0.	*	2	0015	292	.00	.00	.00	0.	
1	1150	143	.00	.00	.00	0.	*	2	0020	293	.00	.00	.00	0.	
1	1155	144	.00	.00	.00	0.	*	2	0025	294	.00	.00	.00	0.	
1	1200	145	.00	.00	.00	0.	*	2	0030	295	.00	.00	.00	0.	
1	1205	146	.00	.00	.00	0.	*	2	0035	296	.00	.00	.00	0.	
1	1210	147	.00	.00	.00	0.	*	2	0040	297	.00	.00	.00	0.	
1	1215	148	.00	.00	.00	0.	*	2	0045	298	.00	.00	.00	0.	
1	1220	149	.00	.00	.00	0.	*	2	0050	299	.00	.00	.00	0.	
1	1225	150	.00	.00	.00	0.	*	2	0055	300	.00	.00	.00	0.	

TOTAL RAINFALL = 2.91, TOTAL LOSS = .23, TOTAL EXCESS = 2.68

PEAK FLOW (CFS)	TIME (HR)	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	24.92-HR
2.	3.50	0.	0.	0.	0.
		(INCHES) 2.677	2.679	2.679	2.679
		(AC-FT) 0.	0.	0.	0.

CUMULATIVE AREA = .00 SQ MI

WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG

HYDROGRAPH AT STATION TPL2
PLAN 1, RATIO = 1.00

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	0000	1	.00	.00	.00	0.	*	1	1230	151	.00	.00	.00	.00	0.	
1	0005	2	.06	.06	.00	0.	*	1	1235	152	.00	.00	.00	.00	0.	
1	0010	3	.11	.06	.05	0.	*	1	1240	153	.00	.00	.00	.00	0.	
1	0015	4	.04	.01	.02	0.	*	1	1245	154	.00	.00	.00	.00	0.	
1	0020	5	.05	.01	.04	0.	*	1	1250	155	.00	.00	.00	.00	0.	
1	0025	6	.06	.01	.05	0.	*	1	1255	156	.00	.00	.00	.00	0.	
1	0030	7	.05	.01	.04	0.	*	1	1300	157	.00	.00	.00	.00	0.	
1	0035	8	.02	.00	.01	0.	*	1	1305	158	.00	.00	.00	.00	0.	
1	0040	9	.00	.00	.00	0.	*	1	1310	159	.00	.00	.00	.00	0.	
1	0045	10	.00	.00	.00	0.	*	1	1315	160	.00	.00	.00	.00	0.	
1	0050	11	.00	.00	.00	0.	*	1	1320	161	.00	.00	.00	.00	0.	
1	0055	12	.00	.00	.00	0.	*	1	1325	162	.00	.00	.00	.00	0.	
1	0100	13	.00	.00	.00	0.	*	1	1330	163	.00	.00	.00	.00	0.	
1	0105	14	.01	.00	.01	0.	*	1	1335	164	.00	.00	.00	.00	0.	
1	0110	15	.02	.00	.02	0.	*	1	1340	165	.00	.00	.00	.00	0.	

											PRO. OUT			
1	0115	16	.01	.00	.01	0.	*	1	1345	166	.00	.00	.00	0.
1	0120	17	.02	.00	.02	0.	*	1	1350	167	.00	.00	.00	0.
1	0125	18	.03	.00	.03	0.	*	1	1355	168	.00	.00	.00	0.
1	0130	19	.04	.00	.04	0.	*	1	1400	169	.00	.00	.00	0.
1	0135	20	.03	.00	.02	0.	*	1	1405	170	.00	.00	.00	0.
1	0140	21	.03	.00	.02	0.	*	1	1410	171	.00	.00	.00	0.
1	0145	22	.02	.00	.02	0.	*	1	1415	172	.00	.00	.00	0.
1	0150	23	.01	.00	.01	0.	*	1	1420	173	.00	.00	.00	0.
1	0155	24	.00	.00	.00	0.	*	1	1425	174	.00	.00	.00	0.
1	0200	25	.00	.00	.00	0.	*	1	1430	175	.00	.00	.00	0.
1	0205	26	.01	.00	.01	0.	*	1	1435	176	.00	.00	.00	0.
1	0210	27	.03	.00	.03	0.	*	1	1440	177	.00	.00	.00	0.
1	0215	28	.04	.00	.04	0.	*	1	1445	178	.00	.00	.00	0.
1	0220	29	.03	.00	.03	0.	*	1	1450	179	.00	.00	.00	0.
1	0225	30	.02	.00	.02	0.	*	1	1455	180	.00	.00	.00	0.
1	0230	31	.01	.00	.01	0.	*	1	1500	181	.00	.00	.00	0.
1	0235	32	.01	.00	.01	0.	*	1	1505	182	.00	.00	.00	0.
1	0240	33	.04	.00	.04	0.	*	1	1510	183	.00	.00	.00	0.
1	0245	34	.02	.00	.02	0.	*	1	1515	184	.00	.00	.00	0.
1	0250	35	.01	.00	.01	0.	*	1	1520	185	.00	.00	.00	0.
1	0255	36	.01	.00	.01	0.	*	1	1525	186	.00	.00	.00	0.
1	0300	37	.03	.00	.03	0.	*	1	1530	187	.00	.00	.00	0.
1	0305	38	.08	.00	.08	0.	*	1	1535	188	.00	.00	.00	0.
1	0310	39	.09	.00	.08	0.	*	1	1540	189	.00	.00	.00	0.
1	0315	40	.17	.00	.16	1.	*	1	1545	190	.00	.00	.00	0.
1	0320	41	.26	.00	.26	1.	*	1	1550	191	.00	.00	.00	0.
1	0325	42	.26	.00	.26	2.	*	1	1555	192	.00	.00	.00	0.
1	0330	43	.35	.00	.35	2.	*	1	1600	193	.00	.00	.00	0.
1	0335	44	.10	.00	.10	1.	*	1	1605	194	.00	.00	.00	0.
1	0340	45	.11	.00	.11	1.	*	1	1610	195	.00	.00	.00	0.
1	0345	46	.09	.00	.09	1.	*	1	1615	196	.00	.00	.00	0.
1	0350	47	.02	.00	.02	0.	*	1	1620	197	.00	.00	.00	0.
1	0355	48	.05	.00	.05	0.	*	1	1625	198	.00	.00	.00	0.
1	0400	49	.05	.00	.05	0.	*	1	1630	199	.00	.00	.00	0.
1	0405	50	.01	.00	.01	0.	*	1	1635	200	.00	.00	.00	0.
1	0410	51	.01	.00	.01	0.	*	1	1640	201	.00	.00	.00	0.
1	0415	52	.02	.00	.02	0.	*	1	1645	202	.00	.00	.00	0.
1	0420	53	.02	.00	.02	0.	*	1	1650	203	.00	.00	.00	0.
1	0425	54	.03	.00	.03	0.	*	1	1655	204	.00	.00	.00	0.
1	0430	55	.06	.00	.06	0.	*	1	1700	205	.00	.00	.00	0.
1	0435	56	.05	.00	.05	0.	*	1	1705	206	.00	.00	.00	0.
1	0440	57	.03	.00	.03	0.	*	1	1710	207	.00	.00	.00	0.
1	0445	58	.04	.00	.04	0.	*	1	1715	208	.00	.00	.00	0.
1	0450	59	.06	.00	.06	0.	*	1	1720	209	.00	.00	.00	0.
1	0455	60	.02	.00	.02	0.	*	1	1725	210	.00	.00	.00	0.
1	0500	61	.02	.00	.02	0.	*	1	1730	211	.00	.00	.00	0.
1	0505	62	.01	.00	.01	0.	*	1	1735	212	.00	.00	.00	0.
1	0510	63	.01	.00	.01	0.	*	1	1740	213	.00	.00	.00	0.
1	0515	64	.01	.00	.01	0.	*	1	1745	214	.00	.00	.00	0.
1	0520	65	.00	.00	.00	0.	*	1	1750	215	.00	.00	.00	0.
1	0525	66	.01	.00	.01	0.	*	1	1755	216	.00	.00	.00	0.
1	0530	67	.00	.00	.00	0.	*	1	1800	217	.00	.00	.00	0.
1	0535	68	.00	.00	.00	0.	*	1	1805	218	.00	.00	.00	0.
1	0540	69	.00	.00	.00	0.	*	1	1810	219	.00	.00	.00	0.
1	0545	70	.01	.00	.01	0.	*	1	1815	220	.00	.00	.00	0.
1	0550	71	.00	.00	.00	0.	*	1	1820	221	.00	.00	.00	0.
1	0555	72	.00	.00	.00	0.	*	1	1825	222	.00	.00	.00	0.
1	0600	73	.00	.00	.00	0.	*	1	1830	223	.00	.00	.00	0.
1	0605	74	.00	.00	.00	0.	*	1	1835	224	.00	.00	.00	0.
1	0610	75	.00	.00	.00	0.	*	1	1840	225	.00	.00	.00	0.
1	0615	76	.00	.00	.00	0.	*	1	1845	226	.00	.00	.00	0.
1	0620	77	.00	.00	.00	0.	*	1	1850	227	.00	.00	.00	0.
1	0625	78	.00	.00	.00	0.	*	1	1855	228	.00	.00	.00	0.
1	0630	79	.00	.00	.00	0.	*	1	1900	229	.00	.00	.00	0.
1	0635	80	.00	.00	.00	0.	*	1	1905	230	.00	.00	.00	0.
1	0640	81	.00	.00	.00	0.	*	1	1910	231	.00	.00	.00	0.
1	0645	82	.00	.00	.00	0.	*	1	1915	232	.00	.00	.00	0.
1	0650	83	.00	.00	.00	0.	*	1	1920	233	.00	.00	.00	0.
1	0655	84	.00	.00	.00	0.	*	1	1925	234	.00	.00	.00	0.
1	0700	85	.00	.00	.00	0.	*	1	1930	235	.00	.00	.00	0.
1	0705	86	.00	.00	.00	0.	*	1	1935	236	.00	.00	.00	0.
1	0710	87	.00	.00	.00	0.	*	1	1940	237	.00	.00	.00	0.
1	0715	88	.00	.00	.00	0.	*	1	1945	238	.00	.00	.00	0.
1	0720	89	.00	.00	.00	0.	*	1	1950	239	.00	.00	.00	0.
1	0725	90	.00	.00	.00	0.	*	1	1955	240	.00	.00	.00	0.
1	0730	91	.00	.00	.00	0.	*	1	2000	241	.00	.00	.00	0.
1	0735	92	.00	.00	.00	0.	*	1	2005	242	.00	.00	.00	0.
1	0740	93	.00	.00	.00	0.	*	1	2010	243	.00	.00	.00	0.
1	0745	94	.00	.00	.00	0.	*	1	2015	244	.00	.00	.00	0.
1	0750	95	.00	.00	.00	0.	*	1	2020	245	.00	.00	.00	0.
1	0755	96	.00	.00	.00	0.	*	1	2025	246	.00	.00	.00	0.
1	0800	97	.00	.00	.00	0.	*	1	2030	247	.00	.00	.00	0.
1	0805	98	.00	.00	.00	0.	*	1	2035	248	.00	.00	.00	0.
1	0810	99	.00	.00	.00	0.	*	1	2040	249	.00	.00	.00	0.
1	0815	100	.00	.00	.00	0.	*	1	2045	250	.00	.00	.00	0.
1	0820	101	.00	.00	.00	0.	*	1	2050	251	.00	.00	.00	0.
1	0825	102	.00	.00	.00	0.	*	1	2055	252	.00	.00	.00	0.
1	0830	103	.00	.00	.00	0.	*	1	2100	253	.00	.00	.00	0.
1	0835	104	.00	.00	.00	0.	*	1	2105	254	.00	.00	.00	0.
1	0840	105	.00	.00	.00	0.	*	1	2110	255	.00	.00	.00	0.
1	0845	106	.00	.00	.00	0.	*	1	2115	256	.00	.00	.00	0.

										PRO. OUT				
1	0850	107	.00	.00	.00	0.	*	1	2120	257	.00	.00	.00	0.
1	0855	108	.00	.00	.00	0.	*	1	2125	258	.00	.00	.00	0.
1	0900	109	.00	.00	.00	0.	*	1	2130	259	.00	.00	.00	0.
1	0905	110	.00	.00	.00	0.	*	1	2135	260	.00	.00	.00	0.
1	0910	111	.00	.00	.00	0.	*	1	2140	261	.00	.00	.00	0.
1	0915	112	.00	.00	.00	0.	*	1	2145	262	.00	.00	.00	0.
1	0920	113	.00	.00	.00	0.	*	1	2150	263	.00	.00	.00	0.
1	0925	114	.00	.00	.00	0.	*	1	2155	264	.00	.00	.00	0.
1	0930	115	.00	.00	.00	0.	*	1	2200	265	.00	.00	.00	0.
1	0935	116	.00	.00	.00	0.	*	1	2205	266	.00	.00	.00	0.
1	0940	117	.00	.00	.00	0.	*	1	2210	267	.00	.00	.00	0.
1	0945	118	.00	.00	.00	0.	*	1	2215	268	.00	.00	.00	0.
1	0950	119	.00	.00	.00	0.	*	1	2220	269	.00	.00	.00	0.
1	0955	120	.00	.00	.00	0.	*	1	2225	270	.00	.00	.00	0.
1	1000	121	.00	.00	.00	0.	*	1	2230	271	.00	.00	.00	0.
1	1005	122	.00	.00	.00	0.	*	1	2235	272	.00	.00	.00	0.
1	1010	123	.00	.00	.00	0.	*	1	2240	273	.00	.00	.00	0.
1	1015	124	.00	.00	.00	0.	*	1	2245	274	.00	.00	.00	0.
1	1020	125	.00	.00	.00	0.	*	1	2250	275	.00	.00	.00	0.
1	1025	126	.00	.00	.00	0.	*	1	2255	276	.00	.00	.00	0.
1	1030	127	.00	.00	.00	0.	*	1	2300	277	.00	.00	.00	0.
1	1035	128	.00	.00	.00	0.	*	1	2305	278	.00	.00	.00	0.
1	1040	129	.00	.00	.00	0.	*	1	2310	279	.00	.00	.00	0.
1	1045	130	.00	.00	.00	0.	*	1	2315	280	.00	.00	.00	0.
1	1050	131	.00	.00	.00	0.	*	1	2320	281	.00	.00	.00	0.
1	1055	132	.00	.00	.00	0.	*	1	2325	282	.00	.00	.00	0.
1	1100	133	.00	.00	.00	0.	*	1	2330	283	.00	.00	.00	0.
1	1105	134	.00	.00	.00	0.	*	1	2335	284	.00	.00	.00	0.
1	1110	135	.00	.00	.00	0.	*	1	2340	285	.00	.00	.00	0.
1	1115	136	.00	.00	.00	0.	*	1	2345	286	.00	.00	.00	0.
1	1120	137	.00	.00	.00	0.	*	1	2350	287	.00	.00	.00	0.
1	1125	138	.00	.00	.00	0.	*	1	2355	288	.00	.00	.00	0.
1	1130	139	.00	.00	.00	0.	*	2	0000	289	.00	.00	.00	0.
1	1135	140	.00	.00	.00	0.	*	2	0005	290	.00	.00	.00	0.
1	1140	141	.00	.00	.00	0.	*	2	0010	291	.00	.00	.00	0.
1	1145	142	.00	.00	.00	0.	*	2	0015	292	.00	.00	.00	0.
1	1150	143	.00	.00	.00	0.	*	2	0020	293	.00	.00	.00	0.
1	1155	144	.00	.00	.00	0.	*	2	0025	294	.00	.00	.00	0.
1	1200	145	.00	.00	.00	0.	*	2	0030	295	.00	.00	.00	0.
1	1205	146	.00	.00	.00	0.	*	2	0035	296	.00	.00	.00	0.
1	1210	147	.00	.00	.00	0.	*	2	0040	297	.00	.00	.00	0.
1	1215	148	.00	.00	.00	0.	*	2	0045	298	.00	.00	.00	0.
1	1220	149	.00	.00	.00	0.	*	2	0050	299	.00	.00	.00	0.
1	1225	150	.00	.00	.00	0.	*	2	0055	300	.00	.00	.00	0.

TOTAL RAINFALL = 2.91, TOTAL LOSS = .23, TOTAL EXCESS = 2.68

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
(CFS)	(HR)	6-HR	24-HR	72-HR	24.92-HR
+	2.	0.	0.	0.	0.
+	3.50	2.677	2.679	2.679	2.679
		(INCHES)			
		(AC-FT)	0.	0.	0.

CUMULATIVE AREA = .00 SQ MI

WARNING *** TIME INTERVAL IS GREATER THAN .29*LAG

HYDROGRAPH AT STATION TPL2
PLAN 1, RATIO = .62

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	0000	1	.00	.00	.00	0.	*		1	1230	151	.00	.00	.00	0.	
1	0005	2	.04	.04	.00	0.	*		1	1235	152	.00	.00	.00	0.	
1	0010	3	.07	.05	.01	0.	*		1	1240	153	.00	.00	.00	0.	
1	0015	4	.02	.01	.01	0.	*		1	1245	154	.00	.00	.00	0.	
1	0020	5	.03	.01	.02	0.	*		1	1250	155	.00	.00	.00	0.	
1	0025	6	.04	.01	.02	0.	*		1	1255	156	.00	.00	.00	0.	
1	0030	7	.03	.01	.02	0.	*		1	1300	157	.00	.00	.00	0.	
1	0035	8	.01	.00	.01	0.	*		1	1305	158	.00	.00	.00	0.	
1	0040	9	.00	.00	.00	0.	*		1	1310	159	.00	.00	.00	0.	
1	0045	10	.00	.00	.00	0.	*		1	1315	160	.00	.00	.00	0.	
1	0050	11	.00	.00	.00	0.	*		1	1320	161	.00	.00	.00	0.	
1	0055	12	.00	.00	.00	0.	*		1	1325	162	.00	.00	.00	0.	
1	0100	13	.00	.00	.00	0.	*		1	1330	163	.00	.00	.00	0.	
1	0105	14	.01	.00	.00	0.	*		1	1335	164	.00	.00	.00	0.	
1	0110	15	.01	.00	.01	0.	*		1	1340	165	.00	.00	.00	0.	
1	0115	16	.00	.00	.00	0.	*		1	1345	166	.00	.00	.00	0.	
1	0120	17	.01	.00	.01	0.	*		1	1350	167	.00	.00	.00	0.	
1	0125	18	.02	.00	.01	0.	*		1	1355	168	.00	.00	.00	0.	
1	0130	19	.03	.00	.02	0.	*		1	1400	169	.00	.00	.00	0.	
1	0135	20	.02	.00	.01	0.	*		1	1405	170	.00	.00	.00	0.	

													PRO. OUT			
1	0140	21	.02	.00	.01	0.	*	1	1410	171	.00	.00	.00	0.		
1	0145	22	.01	.00	.01	0.	*	1	1415	172	.00	.00	.00	0.		
1	0150	23	.00	.00	.00	0.	*	1	1420	173	.00	.00	.00	0.		
1	0155	24	.00	.00	.00	0.	*	1	1425	174	.00	.00	.00	0.		
1	0200	25	.00	.00	.00	0.	*	1	1430	175	.00	.00	.00	0.		
1	0205	26	.01	.00	.00	0.	*	1	1435	176	.00	.00	.00	0.		
1	0210	27	.02	.00	.02	0.	*	1	1440	177	.00	.00	.00	0.		
1	0215	28	.03	.00	.02	0.	*	1	1445	178	.00	.00	.00	0.		
1	0220	29	.02	.00	.02	0.	*	1	1450	179	.00	.00	.00	0.		
1	0225	30	.01	.00	.01	0.	*	1	1455	180	.00	.00	.00	0.		
1	0230	31	.00	.00	.00	0.	*	1	1500	181	.00	.00	.00	0.		
1	0235	32	.01	.00	.01	0.	*	1	1505	182	.00	.00	.00	0.		
1	0240	33	.03	.00	.02	0.	*	1	1510	183	.00	.00	.00	0.		
1	0245	34	.01	.00	.01	0.	*	1	1515	184	.00	.00	.00	0.		
1	0250	35	.01	.00	.00	0.	*	1	1520	185	.00	.00	.00	0.		
1	0255	36	.00	.00	.00	0.	*	1	1525	186	.00	.00	.00	0.		
1	0300	37	.02	.00	.02	0.	*	1	1530	187	.00	.00	.00	0.		
1	0305	38	.05	.00	.04	0.	*	1	1535	188	.00	.00	.00	0.		
1	0310	39	.05	.00	.05	0.	*	1	1540	189	.00	.00	.00	0.		
1	0315	40	.10	.01	.10	0.	*	1	1545	190	.00	.00	.00	0.		
1	0320	41	.16	.01	.16	1.	*	1	1550	191	.00	.00	.00	0.		
1	0325	42	.16	.01	.16	1.	*	1	1555	192	.00	.00	.00	0.		
1	0330	43	.22	.01	.21	1.	*	1	1600	193	.00	.00	.00	0.		
1	0335	44	.06	.00	.06	1.	*	1	1605	194	.00	.00	.00	0.		
1	0340	45	.07	.00	.07	0.	*	1	1610	195	.00	.00	.00	0.		
1	0345	46	.06	.00	.06	0.	*	1	1615	196	.00	.00	.00	0.		
1	0350	47	.01	.00	.01	0.	*	1	1620	197	.00	.00	.00	0.		
1	0355	48	.03	.00	.03	0.	*	1	1625	198	.00	.00	.00	0.		
1	0400	49	.03	.00	.03	0.	*	1	1630	199	.00	.00	.00	0.		
1	0405	50	.01	.00	.01	0.	*	1	1635	200	.00	.00	.00	0.		
1	0410	51	.01	.00	.01	0.	*	1	1640	201	.00	.00	.00	0.		
1	0415	52	.01	.00	.01	0.	*	1	1645	202	.00	.00	.00	0.		
1	0420	53	.01	.00	.01	0.	*	1	1650	203	.00	.00	.00	0.		
1	0425	54	.02	.00	.02	0.	*	1	1655	204	.00	.00	.00	0.		
1	0430	55	.04	.00	.04	0.	*	1	1700	205	.00	.00	.00	0.		
1	0435	56	.03	.00	.03	0.	*	1	1705	206	.00	.00	.00	0.		
1	0440	57	.02	.00	.02	0.	*	1	1710	207	.00	.00	.00	0.		
1	0445	58	.02	.00	.02	0.	*	1	1715	208	.00	.00	.00	0.		
1	0450	59	.04	.00	.04	0.	*	1	1720	209	.00	.00	.00	0.		
1	0455	60	.01	.00	.01	0.	*	1	1725	210	.00	.00	.00	0.		
1	0500	61	.01	.00	.01	0.	*	1	1730	211	.00	.00	.00	0.		
1	0505	62	.01	.00	.01	0.	*	1	1735	212	.00	.00	.00	0.		
1	0510	63	.00	.00	.00	0.	*	1	1740	213	.00	.00	.00	0.		
1	0515	64	.00	.00	.00	0.	*	1	1745	214	.00	.00	.00	0.		
1	0520	65	.00	.00	.00	0.	*	1	1750	215	.00	.00	.00	0.		
1	0525	66	.01	.00	.01	0.	*	1	1755	216	.00	.00	.00	0.		
1	0530	67	.00	.00	.00	0.	*	1	1800	217	.00	.00	.00	0.		
1	0535	68	.00	.00	.00	0.	*	1	1805	218	.00	.00	.00	0.		
1	0540	69	.00	.00	.00	0.	*	1	1810	219	.00	.00	.00	0.		
1	0545	70	.01	.00	.01	0.	*	1	1815	220	.00	.00	.00	0.		
1	0550	71	.00	.00	.00	0.	*	1	1820	221	.00	.00	.00	0.		
1	0555	72	.00	.00	.00	0.	*	1	1825	222	.00	.00	.00	0.		
1	0600	73	.00	.00	.00	0.	*	1	1830	223	.00	.00	.00	0.		
1	0605	74	.00	.00	.00	0.	*	1	1835	224	.00	.00	.00	0.		
1	0610	75	.00	.00	.00	0.	*	1	1840	225	.00	.00	.00	0.		
1	0615	76	.00	.00	.00	0.	*	1	1845	226	.00	.00	.00	0.		
1	0620	77	.00	.00	.00	0.	*	1	1850	227	.00	.00	.00	0.		
1	0625	78	.00	.00	.00	0.	*	1	1855	228	.00	.00	.00	0.		
1	0630	79	.00	.00	.00	0.	*	1	1900	229	.00	.00	.00	0.		
1	0635	80	.00	.00	.00	0.	*	1	1905	230	.00	.00	.00	0.		
1	0640	81	.00	.00	.00	0.	*	1	1910	231	.00	.00	.00	0.		
1	0645	82	.00	.00	.00	0.	*	1	1915	232	.00	.00	.00	0.		
1	0650	83	.00	.00	.00	0.	*	1	1920	233	.00	.00	.00	0.		
1	0655	84	.00	.00	.00	0.	*	1	1925	234	.00	.00	.00	0.		
1	0700	85	.00	.00	.00	0.	*	1	1930	235	.00	.00	.00	0.		
1	0705	86	.00	.00	.00	0.	*	1	1935	236	.00	.00	.00	0.		
1	0710	87	.00	.00	.00	0.	*	1	1940	237	.00	.00	.00	0.		
1	0715	88	.00	.00	.00	0.	*	1	1945	238	.00	.00	.00	0.		
1	0720	89	.00	.00	.00	0.	*	1	1950	239	.00	.00	.00	0.		
1	0725	90	.00	.00	.00	0.	*	1	1955	240	.00	.00	.00	0.		
1	0730	91	.00	.00	.00	0.	*	1	2000	241	.00	.00	.00	0.		
1	0735	92	.00	.00	.00	0.	*	1	2005	242	.00	.00	.00	0.		
1	0740	93	.00	.00	.00	0.	*	1	2010	243	.00	.00	.00	0.		
1	0745	94	.00	.00	.00	0.	*	1	2015	244	.00	.00	.00	0.		
1	0750	95	.00	.00	.00	0.	*	1	2020	245	.00	.00	.00	0.		
1	0755	96	.00	.00	.00	0.	*	1	2025	246	.00	.00	.00	0.		
1	0800	97	.00	.00	.00	0.	*	1	2030	247	.00	.00	.00	0.		
1	0805	98	.00	.00	.00	0.	*	1	2035	248	.00	.00	.00	0.		
1	0810	99	.00	.00	.00	0.	*	1	2040	249	.00	.00	.00	0.		
1	0815	100	.00	.00	.00	0.	*	1	2045	250	.00	.00	.00	0.		
1	0820	101	.00	.00	.00	0.	*	1	2050	251	.00	.00	.00	0.		
1	0825	102	.00	.00	.00	0.	*	1	2055	252	.00	.00	.00	0.		
1	0830	103	.00	.00	.00	0.	*	1	2100	253	.00	.00	.00	0.		
1	0835	104	.00	.00	.00	0.	*	1	2105	254	.00	.00	.00	0.		
1	0840	105	.00	.00	.00	0.	*	1	2110	255	.00	.00	.00	0.		
1	0845	106	.00	.00	.00	0.	*	1	2115	256	.00	.00	.00	0.		
1	0850	107	.00	.00	.00	0.	*	1	2120	257	.00	.00	.00	0.		
1	0855	108	.00	.00	.00	0.	*	1	2125	258	.00	.00	.00	0.		
1	0900	109	.00	.00	.00	0.	*	1	2130	259	.00	.00	.00	0.		
1	0905	110	.00	.00	.00	0.	*	1	2135	260	.00	.00	.00	0.		
1	0910	111	.00	.00	.00	0.	*	1	2140	261	.00	.00	.00	0.		

														PRO. OUT	
1	0915	112	.00	.00	.00	0.	*	1	2145	262	.00	.00	.00	0.	
1	0920	113	.00	.00	.00	0.	*	1	2150	263	.00	.00	.00	0.	
1	0925	114	.00	.00	.00	0.	*	1	2155	264	.00	.00	.00	0.	
1	0930	115	.00	.00	.00	0.	*	1	2200	265	.00	.00	.00	0.	
1	0935	116	.00	.00	.00	0.	*	1	2205	266	.00	.00	.00	0.	
1	0940	117	.00	.00	.00	0.	*	1	2210	267	.00	.00	.00	0.	
1	0945	118	.00	.00	.00	0.	*	1	2215	268	.00	.00	.00	0.	
1	0950	119	.00	.00	.00	0.	*	1	2220	269	.00	.00	.00	0.	
1	0955	120	.00	.00	.00	0.	*	1	2225	270	.00	.00	.00	0.	
1	1000	121	.00	.00	.00	0.	*	1	2230	271	.00	.00	.00	0.	
1	1005	122	.00	.00	.00	0.	*	1	2235	272	.00	.00	.00	0.	
1	1010	123	.00	.00	.00	0.	*	1	2240	273	.00	.00	.00	0.	
1	1015	124	.00	.00	.00	0.	*	1	2245	274	.00	.00	.00	0.	
1	1020	125	.00	.00	.00	0.	*	1	2250	275	.00	.00	.00	0.	
1	1025	126	.00	.00	.00	0.	*	1	2255	276	.00	.00	.00	0.	
1	1030	127	.00	.00	.00	0.	*	1	2300	277	.00	.00	.00	0.	
1	1035	128	.00	.00	.00	0.	*	1	2305	278	.00	.00	.00	0.	
1	1040	129	.00	.00	.00	0.	*	1	2310	279	.00	.00	.00	0.	
1	1045	130	.00	.00	.00	0.	*	1	2315	280	.00	.00	.00	0.	
1	1050	131	.00	.00	.00	0.	*	1	2320	281	.00	.00	.00	0.	
1	1055	132	.00	.00	.00	0.	*	1	2325	282	.00	.00	.00	0.	
1	1100	133	.00	.00	.00	0.	*	1	2330	283	.00	.00	.00	0.	
1	1105	134	.00	.00	.00	0.	*	1	2335	284	.00	.00	.00	0.	
1	1110	135	.00	.00	.00	0.	*	1	2340	285	.00	.00	.00	0.	
1	1115	136	.00	.00	.00	0.	*	1	2345	286	.00	.00	.00	0.	
1	1120	137	.00	.00	.00	0.	*	1	2350	287	.00	.00	.00	0.	
1	1125	138	.00	.00	.00	0.	*	1	2355	288	.00	.00	.00	0.	
1	1130	139	.00	.00	.00	0.	*	2	0000	289	.00	.00	.00	0.	
1	1135	140	.00	.00	.00	0.	*	2	0005	290	.00	.00	.00	0.	
1	1140	141	.00	.00	.00	0.	*	2	0010	291	.00	.00	.00	0.	
1	1145	142	.00	.00	.00	0.	*	2	0015	292	.00	.00	.00	0.	
1	1150	143	.00	.00	.00	0.	*	2	0020	293	.00	.00	.00	0.	
1	1155	144	.00	.00	.00	0.	*	2	0025	294	.00	.00	.00	0.	
1	1200	145	.00	.00	.00	0.	*	2	0030	295	.00	.00	.00	0.	
1	1205	146	.00	.00	.00	0.	*	2	0035	296	.00	.00	.00	0.	
1	1210	147	.00	.00	.00	0.	*	2	0040	297	.00	.00	.00	0.	
1	1215	148	.00	.00	.00	0.	*	2	0045	298	.00	.00	.00	0.	
1	1220	149	.00	.00	.00	0.	*	2	0050	299	.00	.00	.00	0.	
1	1225	150	.00	.00	.00	0.	*	2	0055	300	.00	.00	.00	0.	

TOTAL RAINFALL = 1.80, TOTAL LOSS = .22, TOTAL EXCESS = 1.58

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
(CFS)	(HR)	6-HR	24-HR	72-HR	24.92-HR
+	1.	3.50	0.	0.	0.
		(INCHES)	1.580	1.580	1.580
		(AC-FT)	0.	0.	0.
		CUMULATIVE AREA =	.00 SQ MI		

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	RATIO 2
HYDROGRAPH AT	OFF1	.02	1	1.00	.62
+			FLOW TIME	12.	3.
				3.58	3.58
ROUTED TO	ROFF1	.02	1		
+			FLOW TIME	12.	3.
				3.67	3.67
HYDROGRAPH AT	OFF2	.01	1		
+			FLOW TIME	5.	1.
				3.58	3.58
HYDROGRAPH AT	GCD1	.00	1		
+			FLOW TIME	2.	2.
				3.50	3.50
HYDROGRAPH AT	GCD2	.00	1		
+			FLOW TIME	3.	2.
				3.50	3.50
4 COMBINED AT	CP1	.03	1		
+			FLOW TIME	19.	5.
				3.58	3.67
HYDROGRAPH AT	EX2	.01	1		
+			FLOW	2.	0.

						PRO. OUT				
FOR PLAN = 1	RATIO=	.00								
ROFF1	MANE	2.75	11.80	217.25	.76	5.00	11.73	220.00	.76	
CONTINUITY SUMMARY (AC-FT) - INFLOW= .7383E+00 EXCESS= .0000E+00 OUTFLOW= .7386E+00 BASIN STORAGE= .3554E-03 PERCENT ERROR= -.1										
FOR PLAN = 1	RATIO=	.00								
ROFF1	MANE	1.00	2.81	220.00	.21	5.00	2.81	220.00	.21	
CONTINUITY SUMMARY (AC-FT) - INFLOW= .2071E+00 EXCESS= .0000E+00 OUTFLOW= .2071E+00 BASIN STORAGE= .3697E-03 PERCENT ERROR= -.2										
FOR PLAN = 1	RATIO=	.00								
RAR	MANE	3.00	5.15	213.00	2.71	5.00	4.87	215.00	2.70	
CONTINUITY SUMMARY (AC-FT) - INFLOW= .3318E+00 EXCESS= .0000E+00 OUTFLOW= .3322E+00 BASIN STORAGE= .4401E-03 PERCENT ERROR= -.3										
FOR PLAN = 1	RATIO=	.00								
RAR	MANE	2.75	3.06	214.50	1.59	5.00	2.99	215.00	1.59	
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1953E+00 EXCESS= .0000E+00 OUTFLOW= .1954E+00 BASIN STORAGE= .3357E-03 PERCENT ERROR= -.3										
FOR PLAN = 1	RATIO=	.00								
RCP3	MANE	2.85	17.24	216.67	.84	5.00	17.01	215.00	.84	
CONTINUITY SUMMARY (AC-FT) - INFLOW= .1449E+01 EXCESS= .0000E+00 OUTFLOW= .1450E+01 BASIN STORAGE= .4168E-03 PERCENT ERROR= -.1										
FOR PLAN = 1	RATIO=	.00								
RCP3	MANE	3.00	7.02	213.00	.33	5.00	6.96	215.00	.33	
CONTINUITY SUMMARY (AC-FT) - INFLOW= .5795E+00 EXCESS= .0000E+00 OUTFLOW= .5798E+00 BASIN STORAGE= .3376E-03 PERCENT ERROR= -.1										

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