

ROUTED TO	13A-25A	.61	1	FLOW	332.	320.	302.	291.
				TIME	4.33	4.33	4.33	4.33
HYDROGRAPH AT	25A	.29	1	FLOW	156.	150.	141.	134.
				TIME	3.75	3.75	3.75	3.75
2 COMBINED AT	NODE25A	.90	1	FLOW	396.	382.	360.	344.
				TIME	4.25	4.25	4.25	4.25
ROUTED TO	25A-26A	.90	1	FLOW	366.	353.	333.	319.
				TIME	5.00	5.00	5.00	5.00
HYDROGRAPH AT	26A	.44	1	FLOW	175.	168.	156.	149.
				TIME	3.92	3.92	3.92	3.92
2 COMBINED AT	NODE26A	1.36	1	FLOW	484.	446.	440.	423.
				TIME	5.08	5.08	5.08	5.08
ROUTED TO	26A-58A	1.36	1	FLOW	472.	435.	430.	413.
				TIME	5.58	5.67	5.67	5.67
HYDROGRAPH AT	58A	.80	1	FLOW	322.	310.	292.	280.
				TIME	4.00	4.00	4.00	4.00
3 COMBINED AT	NODE58A	15.04	1	FLOW	6127.	5910.	5698.	5403.
				TIME	5.25	5.25	5.33	5.33
ROUTED TO	MS8A-AP	15.04	1	FLOW	6111.	5904.	5594.	5388.
				TIME	5.42	5.42	5.42	5.42
HYDROGRAPH AT	5A	.63	1	FLOW	576.	557.	530.	512.
				TIME	3.67	3.67	3.67	3.67
ROUTED TO	5A-12A	.63	1	FLOW	474.	459.	436.	421.
				TIME	4.33	4.33	4.33	4.33
HYDROGRAPH AT	12A	1.00	1	FLOW	612.	590.	558.	536.
				TIME	3.92	3.92	3.92	3.92
2 COMBINED AT	NODE12A	1.72	1	FLOW	979.	947.	897.	865.
				TIME	4.17	4.17	4.17	4.17



Model Revised with correct data
 PEAK FLOW = 374 cfs

FLOOD HYDROGRAPH PACKAGE REC-1 (184 AT 512K VERSIONS) - FEB 1, 1985
U.S. ARMY CORPS OF ENGINEERS, THE HYDROLOGIC ENGINEERING CENTER, 609 SECOND STREET, DAVIS, CA. 95616

THIS REC-1 VERSION CONTAINS ALL OPTIONS EXCEPT ECONOMICS, AND THE NUMBER OF PLANS ARE REDUCED TO 3

HYDROGRAPH AT	11A	.55	1	FLOW	315.	302.	285.	274.
				TIME	3.83	3.83	3.83	3.83
ROUTED TO	11A-22A	.55	1	FLOW	286.	276.	260.	250.
				TIME	4.42	4.42	4.42	4.42
HYDROGRAPH AT	22A	.28	1	FLOW	132.	126.	118.	112.
				TIME	3.75	3.75	3.75	3.75
2 COMBINED AT	MOE22A	.83	1	FLOW	347.	334.	315.	303.
				TIME	4.33	4.33	4.33	4.33
ROUTED TO	22A-34A	.83	1	FLOW	335.	322.	304.	292.
				TIME	4.92	4.92	4.92	4.92
HYDROGRAPH AT	34A	.70	1	FLOW	242.	233.	219.	210.
				TIME	6.42	6.42	6.42	6.42
2 COMBINED AT	MOE34A	1.53	1	FLOW	544.	536.	506.	476.
				TIME	4.83	4.83	4.83	4.83
ROUTED TO	34A-38A	1.53	1	FLOW	540.	520.	491.	471.
				TIME	5.33	5.33	5.33	5.42
HYDROGRAPH AT	38A	1.45	1	FLOW	512.	492.	453.	443.
				TIME	4.08	4.08	4.08	4.08
2 COMBINED AT	MOE38A	2.98	1	FLOW	888.	857.	809.	778.
				TIME	5.25	5.25	5.25	5.45
ROUTED TO	38A-40A	2.98	1	FLOW	888.	857.	810.	778.
				TIME	5.50	5.50	5.50	5.50
HYDROGRAPH AT	40A	.29	1	FLOW	149.	144.	135.	129.
				TIME	3.67	3.67	3.67	3.67
3 COMBINED AT	ANGELP	24.50	1	FLOW	8890.	8585.	8130.	7827.
				TIME	5.42	5.42	5.42	5.42

*** NORMAL END OF REC-1 ***

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*****
*      FLOOD ESTIMATION PROGRAM (FEP-1)      *
*      MAY 1991                               *
*      VERSION 4.0.15                          *
*      RUN DATE 07/11/97 TIME 13:46:35         *
*****

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X X XXXXXX XXXX X
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X X XXXXXX XXXX XXX

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*      U.S. ARMY CORPS OF ENGINEERS          *
*      HYDROLOGIC ENGINEERING CENTER          *
*      609 SHERIDAN STREET                     *
*      DAVIS, CALIFORNIA 95616                 *
*      (916) 581-1746                          *
*****

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THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF FEP-1. KNOWN AS FEP1 (JAN 71), FEP1CS, FEP1CUB, AND FEP1CUB.

THE DEFINITIONS OF VARIABLES - FEP1- AND FEP1CUB- ARE CHANGED FROM THESE USED WITH THE 1973-1974 FEP1CUB VERSION.

THE DEFINITION OF -ANAL- ON FEP-1CUB WAS CHANGED WITH REVISIONS DATED IN SEP 81. THIS IS THE PRESENT FEP1CUB VERSION.

FEP1CUB OPTIONS: ANNUAL OUTLINE SUBSEQUENCE, SINGLE POINT DRAINAGE CALCULATION, DISCHARGE RATE FREQUENCY, DISCHARGE RATE SERIES AT DESIRED CALCULATION INTERVAL, LARGEST RATE-CHANGES AND MEAN INFORMATION.

HYDROLOGIC DATA: NEW FLOOD DIFFERENCE ALGORITHM

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*****
*      FLOOD ESTIMATION PROGRAM (FEP-1)      *
*      MAY 1991                               *
*      VERSION 4.0.15                          *
*      RUN DATE 07/11/97 TIME 13:46:35         *
*****

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HYDROLOGIC DATA: NEW FLOOD DIFFERENCE ALGORITHM

3.....5.....6.....7.....8.....9.....10

100% BOLD

SPECIAL

NOTES STATE DISTRICT OF SOUTHERN

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      ME: 1187 OUTPUT FILE:1182.OUT

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11

1728 - 6 HOUR STORM EVENT

THE UNIVERSITY OF CHICAGO PRESS

300

W. B. RISTEN 353 WEST 117TH STREET

057	.07	.087	.108	.124	.13	.13	.13
.13	.133	.14	.142	.148	.158	.172	.181
.199	.2	.201	.204	.214	.229	.241	.249
.277	.278	.281	.283	.295	.322	.352	.409
.71	.744	.781	.812	.819	.835	.851	.856
.876	.888	.91	.926	.937	.95	.97	.976
.987	.989	.99	.993	.993	.994	.995	.998
1.0							

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*****  
7608 BARBERSHIRE COURT  
MAY 1991  
VERSION 4.0.12  
  
RUN DATE 03/13/97 TIME 13:46:15  
*****
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PAITH LOUGHEAN JR/SR HIGH SCHOOL
PROPOSED CONDITIONS
USING SIS METHODS AND KINEMATIC WAVE ROUTING
INPUT FILE NAME: 1182.CORPOT FILE:1182.OUT

10 - 100 Y222 - 6 HOUR STOP BYET

100

OUTPUT CONTROL VARIABLES	5	PLANT CONTROL
TEMP	5	PLANT CONTROL
TEMP	0	PLANT CONTROL
QSCAL	0	PLANT CONTROL
QSCAL	0	PLANT CONTROL

[illegible]

CONFECTION TOTAL	0.08 BARS
TOTAL TIE BARS	24.92 BARS

STATE	RAINFALL AREA	PRECIPITATION DEPTH	INCHES	SQUARE MILES
ALABAMA	1,000,000	48.0	48.0	52,420
ALASKA	1,000,000	48.0	48.0	58,330
ARIZONA	1,000,000	48.0	48.0	11,310
ARKANSAS	1,000,000	48.0	48.0	17,320
CALIFORNIA	1,000,000	48.0	48.0	78,000
COLORADO	1,000,000	48.0	48.0	104,240
CONNECTICUT	1,000,000	48.0	48.0	5,540
DELAWARE	1,000,000	48.0	48.0	2,440
FLORIDA	1,000,000	48.0	48.0	14,320
GEORGIA	1,000,000	48.0	48.0	33,340
ILLINOIS	1,000,000	48.0	48.0	14,990
INDIANA	1,000,000	48.0	48.0	22,370
IOWA	1,000,000	48.0	48.0	29,700
KANSAS	1,000,000	48.0	48.0	33,840
KENTUCKY	1,000,000	48.0	48.0	20,420
LOUISIANA	1,000,000	48.0	48.0	12,530
MAINE	1,000,000	48.0	48.0	9,330
MARYLAND	1,000,000	48.0	48.0	8,010
MASSACHUSETTS	1,000,000	48.0	48.0	8,010
MICHIGAN	1,000,000	48.0	48.0	24,240
MINNESOTA	1,000,000	48.0	48.0	22,530
MISSISSIPPI	1,000,000	48.0	48.0	11,720
MISSOURI	1,000,000	48.0	48.0	23,810
MONTANA	1,000,000	48.0	48.0	79,810
NEBRASKA	1,000,000	48.0	48.0	33,710
NEVADA	1,000,000	48.0	48.0	11,060
NEW HAMPSHIRE	1,000,000	48.0	48.0	9,330
NEW JERSEY	1,000,000	48.0	48.0	8,010
NEW MEXICO	1,000,000	48.0	48.0	12,170
NEW YORK	1,000,000	48.0	48.0	14,520
NORTH CAROLINA	1,000,000	48.0	48.0	20,570
NORTH DAKOTA	1,000,000	48.0	48.0	33,180
OHIO	1,000,000	48.0	48.0	22,370
OKLAHOMA	1,000,000	48.0	48.0	33,840
OREGON	1,000,000	48.0	48.0	24,240
PENNSYLVANIA	1,000,000	48.0	48.0	14,990
RHODE ISLAND	1,000,000	48.0	48.0	1,540
SOUTH CAROLINA	1,000,000	48.0	48.0	16,100
SOUTH DAKOTA	1,000,000	48.0	48.0	23,810
TENNESSEE	1,000,000	48.0	48.0	20,420
TEXAS	1,000,000	48.0	48.0	69,560
UTAH	1,000,000	48.0	48.0	22,530
Vermont	1,000,000	48.0	48.0	9,330
VIRGINIA	1,000,000	48.0	48.0	20,420
WASHINGTON	1,000,000	48.0	48.0	70,540
WEST VIRGINIA	1,000,000	48.0	48.0	20,420
WISCONSIN	1,000,000	48.0	48.0	23,810
WYOMING	1,000,000	48.0	48.0	23,810

JP MULTI-PAY OPTION 1 MONTH CP PLANS START OF MONTH

0.94
RATES OF PARTICIPATION
MULTI-DAY OFFICE

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

DEPARTURE	STATION	AREA	FLAM	RAID 1	RATIOS APPLIED TO RECAPITULATION
DEPARTURE AT	SEA	0.57	1	374.	
				4.25	

THE NATIONAL END OF HPC-1 444