

day2.out

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1*****
*
* FLOOD HYDROGRAPH PACKAGE (HEC-1)
* JUN 1998
* VERSION 4.1
*
* RUN DATE 03MAY16 TIME 17:17:14
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*****
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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 XXXXXX XXXX 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 -AMSK- 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

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LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
1 ID 100-YEAR 24-HOUR STORM DAY 2 OF THREE DAY STORM: STAGE III: DATE: JANUARY 10, 2017
2 ID WEBB ASSOCITES BASE FILE OF SAN JACINTO RIVER
3 ID BASED ON FILE sjrre1.dat by WEST CONSULTANTS INC.
4 ID FOR RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT
5 ID ** ORIGINAL FILE: SAN JACINTO RIVER HYDROLOGY BACKUPS (ALTERNATIVE F)
6 ID ** LAPRE1 FILENAMES: 2SJR24
7 ID ** HEC-1 FILENAMES: 2SJR24.DAT/2SJR24.OUT DATE: SEPTEMBER, 1993
8 ID ** INFORMATION USED WAS BASED ON PREVIOUS WORKS PERFORMED BY F.J.P.
9 ID ** PERRIS VALLEY WATERSHED WAS OBTAINED FROM B.C.'S PREVIOUS WORK
10 ID SV-SQ DATA FOR MODIFIED PULS ROUTING FROM HEC-RAS HYDRAULIC MODEL
11 ID HEC-1 FILENAMES: REMLF.DAT/REMLF.OUT DATE: APR 2010
12 ID For San Jacinto Floodplain update do not use routed flows downstream
13 ID of Bridge Street. HEC-RAS will be used to route the hydrographs from
14 ID this model in an unsteady simulation. jcc 16AUG2010
15 IT 60 01APR92 100
16 KK 2 SUBAREAS 1 & 2
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17      KM      SAN JACINTO MOUNTAIN AT BAUTISTA CREEK
18      BA      178.5
19      PB      0.289
20      IN      60 01APR92      0135
21      PI      0.011  0.012  0.016  0.019  0.025  0.026  0.034  0.041  0.057  0.074
22      PI      0.063  0.066  0.097  0.168  0.129  0.076  0.013  0.017  0.012  0.011
23      PI      0.010  0.009  0.008  0.007
24      LU      0      0
25      KM      UHG FROM MOUNTAIN S-GRAPH
26      UI      7168. 13829. 21244. 12890. 8592. 5602. 4846. 4024. 3419. 2982.
27      UI      2533. 2303. 2000. 1862. 1684. 1474. 1258. 1212. 1080. 1069.
28      UI      982. 957. 914. 839. 839. 758. 708. 708. 647. 540.
29      UI      540. 540. 525. 392. 392. 392. 392. 392. 335. 143.
30      UI      143. 143. 143. 143. 143. 143. 143. 143. 143. 143.
31      UI      143. 143. 143. 143. 129.
32      ZW      A=S.J.RIVER CP-2 B=2 C=FLOW D=01APR92 E=1HOUR F=

33      KK      3 SUBAREA 3
34      KM      BAUTISTA CREEK
35      BA      51.38
36      PB      0.190
37      IN      60 01APR92      0120
38      PI      0.012  0.013  0.018  0.021  0.028  0.029  0.038  0.046  0.063  0.082
39      PI      0.070  0.073  0.108  0.114  0.104  0.085  0.014  0.019  0.013  0.012
40      PI      0.011  0.010  0.009  0.008
41      LU      0      0
42      KM      UHG FROM MOUNTAIN S-GRAPH
43      UI      3045. 7285. 5462. 3065. 2015. 1581. 1310. 1032. 899. 765.
44      UI      697. 566. 483. 443. 408. 376. 365. 324. 320. 278.
45      UI      270. 245. 206. 206. 196. 150. 150. 150. 150. 79.
46      UI      54.4 54.4 54.4 54.4 54.4 54.4 54.4 54.4 54.4 54.4
47      UI      54.4 23.4
48      ZW      A=S.J.RIVER CP-3 B=3 C=FLOW D=01APR92 E=1HOUR F=

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

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49      KK      4 SUBAREA 4
50      KM      POPPET CREEK
51      BA      15.76
52      PB      0.263
53      IN      30 01APR92      0110
54      PI      0.004  0.006  0.005  0.006  0.007  0.009  0.009  0.010  0.011  0.013
55      PI      0.011  0.014  0.016  0.017  0.018  0.022  0.026  0.029  0.034  0.037
56      PI      0.026  0.035  0.033  0.030  0.044  0.054  0.163  0.040  0.058  0.053
57      PI      0.041  0.033  0.007  0.005  0.009  0.008  0.007  0.004  0.006  0.004
58      PI      0.005  0.004  0.004  0.004  0.004  0.003  0.003  0.003
59      LU      0      0
60      KM      UHG FROM MOUNTAIN S-GRAPH
61      UI      3073. 2654. 1099. 728. 511. 392. 291. 240. 212. 186.
62      UI      162. 126. 113. 90. 88. 33. 33. 33. 33. 33.
63      UI      32.6 6.3
64      ZW      A=S.J.RIVER CP-4 B=4 C=FLOW D=01APR92 E=1HOUR F=

65      KK      A
66      KM      BAUTISTA CREEK CONFLUENCE

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67      HC      3
68      ZW      A=S.J.RIVER CP-A B=A C=FLOW D=01APR92 E=1HOUR F=

69      KK      A-B ROUTE BAUTISTA CK CONFL. TO MASSACRE CANYON CONFL. NEAR SANDERSON AVE.
70      KM      ROUTE CONC.PT.A TO CONC.PT.B
71      KM      BASED ON FJP'S PREVIOUS WORK, L=39,290 FT., Vavg=9.2 FPS.
72      KM      Vw=1.5*Vavg
73      RT      1      2      0
74      ZW      A=S.J.RIVER ROUTE A-B B=A-B C=FLOW D=01APR92 E=1HOUR F=

75      KK      6 SUBAREA 6
76      KM      MASSACRE CANYON
77      BA      35.42
78      PB      0.294
79      IN      30 01APR92      0100
80      PI      0.004 0.005 0.005 0.005 0.006 0.008 0.008 0.008 0.010 0.011
81      PI      0.010 0.012 0.014 0.015 0.016 0.019 0.023 0.025 0.029 0.032
82      PI      0.023 0.030 0.029 0.026 0.038 0.079 0.172 0.035 0.079 0.074
83      PI      0.053 0.029 0.006 0.005 0.008 0.007 0.006 0.004 0.005 0.004
84      PI      0.005 0.004 0.004 0.004 0.004 0.003 0.003 0.003
85      LU      0      0
86      KM      UHG FROM MOUNTAIN S-GRAPH
87      UI      3842. 6708. 2914. 1774. 1305. 960. 783. 643. 506. 430.
88      UI      388. 356. 318. 283. 268. 205. 205. 161. 149. 149.
89      UI      82.4 54.1 54.1 54.1 54.1 54.1 54.1 54.1 40.4

90      KK      5 SUBAREA 5
91      KM      SOBOBA-GILMAN
92      BA      12.07
93      PB      0.176
94      IN      30 01APR92      0055
95      PI      0.005 0.007 0.006 0.007 0.008 0.010 0.010 0.011 0.013 0.015
96      PI      0.013 0.016 0.017 0.019 0.020 0.024 0.029 0.032 0.038 0.042
97      PI      0.029 0.039 0.037 0.034 0.050 0.055 0.094 0.045 0.052 0.050
98      PI      0.046 0.037 0.008 0.006 0.010 0.009 0.008 0.005 0.007 0.005

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LINE      ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
99      PI      0.006 0.005 0.005 0.005 0.005 0.004 0.004 0.004
100     LU      0      0
101     KM      UHG FROM MOUNTAIN S-GRAPH
102     UI      2082. 2170. 853. 570. 401. 309. 227. 186. 163. 144.
103     UI      126. 110. 89. 77. 65. 60. 24. 24. 24. 24.
104     UI      23.5 23.5 12.1

105     KK      B
106     KM      MASSACRE CANYON CONFLUENCE NEAR SANDERSON AVENUE
107     HC      3
108     ZW      A=S.J.RIVER CP-B B=B C=FLOW D=01APR92 E=1HOUR F=

109     KK      7 SUBAREA 7
110     KM      LAMB CANYON
111     BA      5.64
112     PB      0.180
113     IN      15 01APR92      0045
114     PI      0.002 0.003 0.003 0.004 0.003 0.003 0.003 0.004 0.004 0.004

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115	PI	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.007	0.007	0.008
116	PI	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.011
117	PI	0.012	0.013	0.015	0.015	0.016	0.017	0.019	0.020	0.021	0.022
118	PI	0.015	0.015	0.020	0.020	0.019	0.019	0.017	0.018	0.024	0.025
119	PI	0.027	0.028	0.041	0.046	0.023	0.023	0.026	0.025	0.025	0.024
120	PI	0.024	0.023	0.019	0.019	0.004	0.004	0.003	0.003	0.005	0.005
121	PI	0.005	0.004	0.004	0.004	0.003	0.002	0.003	0.004	0.003	0.002
122	PI	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
123	PI	0.002	0.002	0.002	0.002	0.002	0.002				
124	LU	0	0								
125	KM	UHG FROM MOUNTAIN S-GRAPH									
126	UI	1530.	793.	373.	234.	161.	119.	99.	82.	65.	52.
127	UI	42.5	23.9	15.5	15.5	15.5	15.5	.0			

128	KK	C
129	KM	LAMB CANYON CONFLUENCE
130	HC	2
131	ZW	A=S.J.RIVER CP-C B=C C=FLOW D=01APR92 E=1HOUR F=

132	KK	8 SUBAREA 8
133	KM	LABORDE CANYON
134	BA	9.73
135	PB	0.186
136	IN	15 01APR92 0045
137	PI	0.002 0.003 0.003 0.004 0.003 0.003 0.003 0.003 0.004 0.004 0.004
138	PI	0.005 0.005 0.005 0.005 0.005 0.006 0.006 0.006 0.007 0.007 0.008
139	PI	0.006 0.007 0.008 0.008 0.009 0.009 0.010 0.010 0.010 0.011 0.011
140	PI	0.012 0.013 0.015 0.015 0.016 0.017 0.019 0.020 0.020 0.021 0.022
141	PI	0.015 0.015 0.020 0.020 0.019 0.019 0.017 0.018 0.025 0.026 0.026
142	PI	0.028 0.029 0.034 0.034 0.023 0.023 0.027 0.026 0.026 0.025 0.025
143	PI	0.024 0.023 0.019 0.019 0.004 0.004 0.003 0.003 0.005 0.005 0.005
144	PI	0.005 0.004 0.004 0.004 0.003 0.002 0.003 0.004 0.003 0.003 0.002
145	PI	0.003 0.003 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.003 0.002
146	PI	0.002 0.002 0.002 0.002 0.002 0.002
147	LU	0 0
148	KM	UHG FROM MOUNTAIN S-GRAPH
149	UI	2711. 1342. 638. 403. 272. 203. 171. 141. 108. 85.

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LINE	ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
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150	UI	75.3	27.8	27.4	27.4	27.4	16.1
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151	KK	D
152	KM	LABORDE CANYON CONFLUENCE
153	HC	2
154	ZW	A=S.J.RIVER CP-D B=D C=FLOW D=01APR92 E=1HOUR F=

155	KK	9 SUBAREA 9
156	KM	SAN JACINTO VALLEY
157	BA	43.98
158	PB	0.139
159	IN	30 01APR92 0050
160	PI	0.005 0.007 0.006 0.007 0.008 0.010 0.010 0.011 0.013 0.015
161	PI	0.013 0.016 0.018 0.020 0.021 0.025 0.030 0.033 0.039 0.043
162	PI	0.030 0.040 0.038 0.035 0.051 0.057 0.068 0.046 0.053 0.051
163	PI	0.047 0.038 0.008 0.006 0.010 0.009 0.008 0.005 0.007 0.005

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164      PI      0.006      0.005      0.005      0.005      0.005      0.004      0.004      0.004
165      LU      0          0
166      KM      UHG FROM MOUNTAIN S-GRAPH
167      UI      10816.    6517.    3012.    1883.    1344.    952.    775.    668.    560.    444.
168      UI      370.     299.     210.     109.     109.     109.     109.     81.

169      KK      E
170      KM      BRIDGE STREET
171      HC      2
172      ZW      A=S.J.RIVER CP-E B=E C=FLOW D=01APR92 E=1HOUR F=

173      KK      E-F ROUTE
174      KM      ROUTE BRIDGE ST TO SPLIT(before split flow)
175      KM      BASED ON SV-SQ DATA FROM HEC-RAS Updated 14Apr2010- MLA
176      KM      MYSTIC LAKE FULL CONDITIONS - I.E. 1424 WSE
177      KM      Time Step (Ave Travel Time = 5.09 Hours - Divide by 1.5 Vw=3.39 hr)
178      KM      Because of this use NSTPS = 3 jcc 9 Feb 2010
179      RS      3      STOR      -1
180      SV      0      5422      6214      7192      8523      9595      10477      11979      15904      18679
181      SV      20011    21382    22528    23644    27656    31546
182      SQ      0      500      1000      2000      4000      6000      8000      10000      15000      20000
183      SQ      25000    30000    35000    40000    60000    80000
184      ZW      A=S.J.RIVER ROUTE E-F B=E-F C=FLOW D=01APR92 E=1HOUR F=

185      KK      10 SUBAREA 10
186      KM      JACK RABBIT
187      BA      17.9
188      PB      0.146
189      IN      15 01APR92      0035
190      PI      0.002      0.003      0.003      0.004      0.003      0.003      0.003      0.003      0.004      0.004      0.004
191      PI      0.005      0.005      0.005      0.005      0.005      0.006      0.006      0.006      0.007      0.007      0.008
192      PI      0.006      0.007      0.008      0.008      0.009      0.009      0.010      0.010      0.010      0.011
193      PI      0.012      0.013      0.015      0.015      0.016      0.017      0.019      0.020      0.021      0.022
194      PI      0.015      0.015      0.020      0.020      0.019      0.019      0.017      0.018      0.025      0.026
195      PI      0.028      0.029      0.034      0.034      0.023      0.023      0.027      0.026      0.026      0.025
196      PI      0.024      0.023      0.019      0.019      0.004      0.004      0.003      0.003      0.005      0.005
197      PI      0.005      0.004      0.004      0.004      0.003      0.002      0.003      0.004      0.003      0.002
198      PI      0.003      0.003      0.003      0.002      0.003      0.002      0.003      0.002      0.003      0.002
199      PI      0.002      0.002      0.002      0.002      0.002      0.002

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

200      LU      0          0
201      KM      UHG FROM MOUNTAIN S-GRAPH
202      UI      5106.    2427.    1164.    741.    490.    371.    315.    253.    196.    148.
203      UI      118.     52.     52.     52.     52.     10.

204      KK      11 SUBAREA 11
205      KM      BADLANDS
206      BA      18.1
207      PB      0.124
208      IN      15 01APR92      0030
209      PI      0.002      0.003      0.003      0.004      0.003      0.003      0.003      0.003      0.004      0.004      0.004
210      PI      0.005      0.005      0.005      0.005      0.005      0.006      0.006      0.006      0.007      0.007      0.008
211      PI      0.006      0.007      0.008      0.008      0.009      0.009      0.010      0.010      0.010      0.011
212      PI      0.012      0.013      0.015      0.015      0.016      0.017      0.019      0.020      0.021      0.022

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213	PI	0.015	0.015	0.020	0.020	0.019	0.019	0.017	0.018	0.025	0.026
214	PI	0.028	0.029	0.034	0.034	0.023	0.023	0.027	0.026	0.026	0.025
215	PI	0.024	0.023	0.019	0.019	0.004	0.004	0.003	0.003	0.005	0.005
216	PI	0.005	0.004	0.004	0.004	0.003	0.002	0.003	0.004	0.003	0.002
217	PI	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
218	PI	0.002	0.002	0.002	0.002	0.002	0.002				
219	LU	0	0								
220	KM	UHG FROM MOUNTAIN S-GRAPH									
221	UI	5318.	2417.	1164.	735.	482.	381.	309.	246.	192.	149.
222	UI	85.6	54.3	54.3	54.3	34.1					

223	KK	F
224	KM	SPLIT
225	HC	3
226	ZW	A=S.J.RIVER CP-F B=F C=FLOW D=01APR92 E=1HOUR F=

227	KK	F-F1 ROUTE
228	KM	ROUTE FROM SPLIT TO DAVIST ST(flows confluence)
229	KM	BASED ON SV-SQ DATA FROM HEC-RAS Updated 14Apr2010- MLA
230	KM	MYSTIC LAKE FULL CONDITIONS - I.E. 1424 WSE
231	KM	Time Step (Ave Travel Time = 1.21 Hours - Divide by 1.5 Vw=0.85hr)
232	KM	Because of this use NSTPS = 1 jcc 9 Feb 2010
233	RS	1 STOR -1
234	SV	0 323 477 756 1089 1399 1769 2396 3861 4797
235	SV	5197 5620 5974 6312 7535 8774
236	SQ	0 500 1000 2000 4000 6000 8000 10000 15000 20000
237	SQ	25000 30000 35000 40000 60000 80000
238	ZW	A=S.J.RIVER ROUTE F-F1 B=F-F1 C=FLOW D=01APR92 E=1HOUR F=

239	KK	F1-G ROUTE
240	KM	ROUTE DAVIS ST TO RAMONA EXPRESSWAY
241	KM	BASED ON SV-SQ DATA FROM HEC-RAS Updated 14Apr2010- MLA
242	KM	Time Step (Ave Travel Time = 1.93 Hours - Divide by 1.5 Vw=1.29hr)
243	KM	Because of this use NSTPS = 1 jcc 9 Feb 2010
244	RS	1 STOR -1
245	SV	0 264 420 750 1477 2316 3171 4009 5337 6072
246	SV	6339 6631 6869 7092 7863 8661
247	SQ	0 500 1000 2000 4000 6000 8000 10000 15000 20000
248	SQ	25000 30000 35000 40000 60000 80000
249	ZW	A=S.J.RIVER ROUTE F-G B=F-G C=FLOW D=01APR92 E=1HOUR F=
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LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

250	KK	12A LAKEVIEW SUB-AREA (30% FOOTHILL)
251	KM	COMBINE LAKEVIEW SUB-AREA AT THE U/S OF RAMONA EXPWY PER CDJ.
252	BA	12.26 0 0.30
253	PB	0.124
254	IN	15 01APR92 0030
255	PI	0.002 0.003 0.003 0.004 0.003 0.003 0.003 0.004 0.004 0.004
256	PI	0.005 0.005 0.005 0.005 0.005 0.006 0.006 0.007 0.007 0.008
257	PI	0.006 0.007 0.008 0.008 0.009 0.009 0.010 0.010 0.010 0.011
258	PI	0.012 0.013 0.015 0.015 0.016 0.017 0.019 0.020 0.021 0.022
259	PI	0.015 0.015 0.020 0.020 0.019 0.019 0.017 0.018 0.025 0.026
260	PI	0.028 0.029 0.034 0.034 0.023 0.023 0.027 0.026 0.026 0.025
261	PI	0.024 0.023 0.019 0.019 0.004 0.004 0.003 0.003 0.005 0.005

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262	PI	0.005	0.004	0.004	0.004	0.003	0.002	0.003	0.004	0.003	0.002
263	PI	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
264	PI	0.002	0.002	0.002	0.002	0.002	0.002				
265	LU	0	0								
266	KM	UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH									
267	UI	5203.	1918.	587.	104.	72.	24.				
268	KK	12A1 LAKEVIEW SUB-AREA (70% VALLEY)									
269	KM	COMBINE LAKEVIEW SUB-AREA AT THE U/S OF RAMONA EXPWY PER CDJ.									
270	BA	12.26	0	0.70							
271	PB	0.124									
272	IN	15	01APR92	0030							
273	PI	0.002	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.004	0.004
274	PI	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.007	0.007	0.008
275	PI	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.011
276	PI	0.012	0.013	0.015	0.015	0.016	0.017	0.019	0.020	0.021	0.022
277	PI	0.015	0.015	0.020	0.020	0.019	0.019	0.017	0.018	0.025	0.026
278	PI	0.028	0.029	0.034	0.034	0.023	0.023	0.027	0.026	0.026	0.025
279	PI	0.024	0.023	0.019	0.019	0.004	0.004	0.003	0.003	0.005	0.005
280	PI	0.005	0.004	0.004	0.004	0.003	0.002	0.003	0.004	0.003	0.002
281	PI	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
282	PI	0.002	0.002	0.002	0.002	0.002	0.002				
283	LU	0	0								
284	KM	UHG FROM VALLEY S-GRAPH									
285	UI	5042.	1654.	601.	320.	166.	99.	24.			
286	KK	G									
287	KM	RAMONA EXPRESSWAY									
288	HC	3	0								
289	ZW	A=S.J.RIVER CP-G B=G C=FLOW D=01APR92 E=1HOUR F=									
290	KK	G-H ROUTE									
291	KM	ROUTE SAN JACINTO RIVER FROM RAMONA EXPRESSWAY TO I-215									
292	KM	BASED ON SV-SQ DATA FROM HEC-RAS Updated 14Apr2010 - MLA									
293	KM	Time Step (Ave Travel Time = 4.78 Hours - Divide by 1.5 Vw=3.19 hr)									
294	KM	Because of this use NSTPS = 3 jcc 9 Feb 2010)									
295	RS	3	STOR	-1							
296	SV	0	804	1484	2507	6171	8267	10090	10684	12155	14679
297	SV	17916	21184	24492	27854	40596	52905				
298	SQ	0	500	1000	2000	4000	6000	8000	10000	15000	20000
299	SQ	25000	30000	35000	40000	60000	80000				
300	ZW	A=S.J.RIVER ROUTE G-H B=G-H C=FLOW D=01APR92 E=1HOUR F=									

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

301	KK	13 SUBAREA 13									
302	KM	NUEVO(40% MOUNTAIN)									
303	KM	COMBINE AT THE D/S OF RAMONA EXPWY PER CDJ									
304	BA	25.74	0	0.4							
305	PB	0.127									
306	IN	15	01APR92	0020							
307	PI	0.002	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.004	0.004
308	PI	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.007	0.007	0.008
309	PI	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.011
310	PI	0.012	0.013	0.015	0.015	0.016	0.017	0.019	0.020	0.021	0.022

		day2.out									
311	PI	0.015	0.015	0.020	0.020	0.019	0.019	0.017	0.018	0.025	0.026
312	PI	0.028	0.029	0.034	0.034	0.023	0.023	0.027	0.026	0.026	0.025
313	PI	0.024	0.023	0.019	0.019	0.004	0.004	0.003	0.003	0.005	0.005
314	PI	0.005	0.004	0.004	0.004	0.003	0.002	0.003	0.004	0.003	0.002
315	PI	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
316	PI	0.002	0.002	0.002	0.002	0.002	0.002				
317	LU	0	0								
318	KM	UHG FROM MOUNTAIN S-GRAPH									
319	UI	4499.	4599.	1816.	1212.	853.	658.	484.	397.	348.	306.
320	UI	266.	231.	191.	160.	139.	121.	50.	50.	50.	50.
321	UI	50.5	50.5	19.0							
322	KK	13 SUBAREA 13									
323	KM	NUEVO(60% VALLEY)									
324	KM	COMBINE AT THE D/S OF RAMONA EXPWY PER CDJ									
325	BA	25.74	0	0.6							
326	PB	0.127									
327	IN	15	01APR92	0020							
328	PI	0.002	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.004	0.004
329	PI	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.007	0.007	0.008
330	PI	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.011
331	PI	0.012	0.013	0.015	0.015	0.016	0.017	0.019	0.020	0.021	0.022
332	PI	0.015	0.015	0.020	0.020	0.019	0.019	0.017	0.018	0.025	0.026
333	PI	0.028	0.029	0.034	0.034	0.023	0.023	0.027	0.026	0.026	0.025
334	PI	0.024	0.023	0.019	0.019	0.004	0.004	0.003	0.003	0.005	0.005
335	PI	0.005	0.004	0.004	0.004	0.003	0.002	0.003	0.004	0.003	0.002
336	PI	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
337	PI	0.002	0.002	0.002	0.002	0.002	0.002				
338	LU	0	0								
339	KM	UHG FROM VALLEY S-GRAPH									
340	UI	3331.	6377.	2585.	1309.	803.	580.	416.	326.	259.	187.
341	UI	141.	92.	92.	92.	11.					
342	KK	NUEVDS									
343	KM	COMBINE THE SAN JACINTO RIVER WITH SUBAREAS 12&13									
344	HC	3	0								
345	KK	14 SUBAREA 14									
346	KM	PERRIS VALLEY									
347	KM	1									
348	KM	THE FOLLOWING INFORMATION WERE OBTAINED FROM PREVIOUS WORKS									
349	KM	PERFORMED BY B.C. & C.V.A. DATED 4/88. FILENAME :CP4.DAT									
350	KM	THE PERRIS VALLEY AREA INCLUDED THE PIGEON PASS DRAINAGE AREAS.									
351	KM	TOTAL DRAINAGE AREAS = 85.44 SQ.MI.									

HEC-1 INPUT

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

352	KM	ALL HYDROGRAPHS ADJUSTED FOR YIELD AT NUEVO RD. / CP-4									
353	KM	INFLOW TO PIGEON PASS RESERVIOR									
354	KM	ULTIMATE DEVELOPMENT ALL BASINS IN PLACE									
355	BA	9.031									
356	PB	0.118									
357	IN	30	01APR92	0010							
358	PI	0.005	0.007	0.006	0.007	0.008	0.010	0.010	0.011	0.013	0.015
359	PI	0.013	0.016	0.018	0.020	0.021	0.025	0.030	0.033	0.039	0.043
360	PI	0.030	0.040	0.038	0.035	0.051	0.057	0.068	0.046	0.053	0.051

						day2.out					
361	PI	0.047	0.038	0.008	0.006	0.010	0.009	0.008	0.005	0.007	0.005
362	PI	0.006	0.005	0.005	0.005	0.005	0.004	0.004	0.004		
363	LU	0	0								
364	KM	UHG FROM VALLEY S-GRAPH									
365	UI	3898.	1128.	417.	215.	104.	62.				

366	KK	PB									
367	KM	PIGEON PASS RESERVOIR ROUTING									
368	RS	1	ELEV	1670							
369	SV	0	24	124	314	565	885	1720	1720		
370	SE	1670	1676	1680	1684	1688	1692	1696	1700		
371	SQ	0	80	90	100	110	120	130			
372	SE	1670	1671	1674	1678	1683.5	1689.5	1695.5			

373	KK	IA									
374	KM	LOCAL AREA TRIBUTARY TO INDIAN-FESTIVAL BASIN									
375	BA	1.172									
376	PB	0.119									
377	IN	30	01APR92	0010							
378	PI	0.005	0.007	0.006	0.007	0.008	0.010	0.010	0.011	0.013	0.015
379	PI	0.013	0.016	0.018	0.020	0.021	0.025	0.030	0.033	0.039	0.043
380	PI	0.030	0.040	0.038	0.035	0.051	0.057	0.068	0.046	0.053	0.051
381	PI	0.047	0.038	0.008	0.006	0.010	0.009	0.008	0.005	0.007	0.005
382	PI	0.006	0.005	0.005	0.005	0.005	0.004	0.004	0.004		
383	LU	0	0								
384	KM	UHG FROM VALLEY S-GRAPH									
385	UI	713.	43.								

386	KK	IA									
387	KM	INFLOW HYDROGRAPH FOR INDIAN-FESTIVAL BASIN									
388	HC	2									

389	KK	IB									
390	KM	INDIAN STREET (FESTIVAL) BASIN ROUTING									
391	RS	1	ELEV	1635.5							
392	SA	0	.57	3.52	8.9	10.9	11.1	11.3	11.5	11.6	11.7
393	SA	11.9	12.1								
394	SE	1635.5	1636	1637	1638	1639	1640	1641	1642	1643	1644
395	SE	1645	1646								
396	SQ	0	15	23	56	88	117	137	155	173	189
397	SQ	205	220								

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

398	KK	LA									
399	KM	TRIBUTARY AREA FOR LASSELLE BASIN									
400	BA	.689									
401	PB	0.127									
402	IN	30	01APR92	0010							
403	PI	0.005	0.007	0.006	0.007	0.008	0.010	0.010	0.011	0.013	0.015
404	PI	0.013	0.016	0.018	0.020	0.021	0.025	0.030	0.033	0.039	0.043
405	PI	0.030	0.040	0.038	0.035	0.051	0.057	0.068	0.046	0.053	0.051
406	PI	0.047	0.038	0.008	0.006	0.010	0.009	0.008	0.005	0.007	0.005
407	PI	0.006	0.005	0.005	0.005	0.005	0.004	0.004	0.004		
408	LU	0	0								

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                                day2.out
409      KM      UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH
410      UI      429.      16.

411      KK      LB
412      KM      LASSELLE BASIN ROUTING
413      RS      1      ELEV      1734
414      SV      0      .5      1.75      4.25      9.75      29      47.5
415      SE      1734      1735      1736      1737      1739      1742      1745
416      SQ      0      20      40      60      75      235      800
417      SE      1734      1736      1739      1745      1745.5      1746      1747

418      KK      NA
419      KM      TRIBUTARY AREA FOR NASON BASIN
420      BA      4.329
421      PB      0.137
422      IN      30 01APR92      0010
423      PI      0.005      0.007      0.006      0.007      0.008      0.010      0.010      0.011      0.013      0.015
424      PI      0.013      0.016      0.018      0.020      0.021      0.025      0.030      0.033      0.039      0.043
425      PI      0.030      0.040      0.038      0.035      0.051      0.057      0.068      0.046      0.053      0.051
426      PI      0.047      0.038      0.008      0.006      0.010      0.009      0.008      0.005      0.007      0.005
427      PI      0.006      0.005      0.005      0.005      0.005      0.004      0.004      0.004
428      LU      0      0
429      KM      UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH
430      UI      1923.      641.      175.      27.      26.

431      KK      NB
432      KM      NASON BASIN ROUTING
433      RS      1      ELEV      58
434      SV      0      5.1      21.8      47.6      357
435      SE      58      60      62      64      84
436      SQ      0      7.6      29.8      65.2      113      173      239      270      296.4      320.7
437      SQ      342      363      382.7      419.2      452.8      484      513.4      541.2      567.6      592.8
438      SE      58      58.8      59.7      60.6      61.6      62.6      63.9      65      66      67
439      SE      68      69      70      72      74      76      78      80      82      84

440      KK      SA
441      KM      AREA TRIBUTARY TO SINCLAIR BASIN
442      BA      4.34
443      PB      0.131
444      IN      30 01APR92      0010
445      PI      0.005      0.007      0.006      0.007      0.008      0.010      0.010      0.011      0.013      0.015
446      PI      0.013      0.016      0.018      0.020      0.021      0.025      0.030      0.033      0.039      0.043
447      PI      0.030      0.040      0.038      0.035      0.051      0.057      0.068      0.046      0.053      0.051

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

448      PI      0.047      0.038      0.008      0.006      0.010      0.009      0.008      0.005      0.007      0.005
449      PI      0.006      0.005      0.005      0.005      0.005      0.004      0.004      0.004
450      LU      0      0
451      KM      UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH
452      UI      1969.      624.      156.      28.      22.
453      KM      SINCLAIR BASIN ROUTING REMOVED TO REFLECT EXISTING CONDITIONS
454      KM      JCC 21 AUG 2009

455      KK      CP1
456      KM      COMBINE ALL SUNNY/MOR BASIN OUTFLOWS

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457      HC          4
458      KK      CP4A
459      KM      TOTAL WATERSHED ABOVE CP4 EXCLUDING BASIN AREAS
460      BA      62.87
461      PB      0.105
462      IN      30 01APR92      0010
463      PI      0.005  0.007  0.006  0.007  0.008  0.010  0.010  0.011  0.013  0.015
464      PI      0.013  0.016  0.018  0.020  0.021  0.025  0.030  0.033  0.039  0.043
465      PI      0.030  0.040  0.038  0.035  0.051  0.057  0.068  0.046  0.053  0.051
466      PI      0.047  0.038  0.008  0.006  0.010  0.009  0.008  0.005  0.007  0.005
467      PI      0.006  0.005  0.005  0.005  0.005  0.004  0.004  0.004
468      LU      0      0
469      KM      UHG FROM VALLEY S-GRAPH
470      UI      13598. 14837. 4768. 2487. 1625. 1087. 788. 579. 300. 300.
471      UI      182.

472      KK      SEATA
473      KM      AREA TRIBUTARY TO SEATON BASIN
474      BA      3.01
475      PB      0.121
476      IN      30 01APR92      0010
477      PI      0.005  0.007  0.006  0.007  0.008  0.010  0.010  0.011  0.013  0.015
478      PI      0.013  0.016  0.018  0.020  0.021  0.025  0.030  0.033  0.039  0.043
479      PI      0.030  0.040  0.038  0.035  0.051  0.057  0.068  0.046  0.053  0.051
480      PI      0.047  0.038  0.008  0.006  0.010  0.009  0.008  0.005  0.007  0.005
481      PI      0.006  0.005  0.005  0.005  0.005  0.004  0.004  0.004
482      LU      0      0
483      KM      UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH
484      UI      1433. 398. 80. 21. 9.
485      KM      SEATON BASIN ROUTING REMOVED TO REFLECT EXISTING CONDITIONS
486      KM      JCC 21 AUG 2009

487      KK      CP4
488      KM      TOTAL HYDROGRAPH AT CP4 / NUEVO ROAD
489      HC      3

490      KK      COMB
491      KM      COMBINED PERRIS VALLEY WITH THE PREVIOUS HYDROGRAPHS
492      HC      2      0

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

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493      KK      15B ROMOLAND SUB-AREA (B-SYSTEM)
494      KM      COMBINE DRAINAGE AREA FOR LINE B AT THE UPSTREAM OF I-215
495      KM      PER CDJ. HYDROLOGY INFO. WERE TAKEN FROM MDP BACKUPS
496      KM      UHG 30%Foothill
497      BA      4.27      0.3
498      PB      0.126
499      IN      15 01APR92      0015
500      PI      0.002  0.003  0.003  0.004  0.003  0.003  0.003  0.004  0.004  0.004
501      PI      0.005  0.005  0.005  0.005  0.005  0.006  0.006  0.007  0.007  0.008
502      PI      0.006  0.007  0.008  0.008  0.009  0.009  0.010  0.010  0.010  0.011
503      PI      0.012  0.013  0.015  0.015  0.016  0.017  0.019  0.020  0.021  0.022
504      PI      0.015  0.015  0.020  0.020  0.019  0.019  0.017  0.018  0.025  0.026

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                                day2.out
505    PI    0.028    0.029    0.034    0.034    0.023    0.023    0.027    0.026    0.026    0.025
506    PI    0.024    0.023    0.019    0.019    0.004    0.004    0.003    0.003    0.005    0.005
507    PI    0.005    0.004    0.004    0.004    0.003    0.002    0.003    0.004    0.003    0.002
508    PI    0.003    0.003    0.003    0.002    0.003    0.002    0.003    0.002    0.003    0.002
509    PI    0.002    0.002    0.002    0.002    0.002    0.002
510    LU      0      0
511    KM    UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH
512    UI    1981.    593.    134.    29.    18.

513    KK      15B1ROMOLAND SUB-AREA (B-SYSTEM)
514    KM      UHG 70% VALLEY
515    BA      4.27      0.7
516    PB    0.126
517    IN      15 01APR92    0015
518    PI    0.002    0.003    0.003    0.004    0.003    0.003    0.003    0.004    0.004    0.004
519    PI    0.005    0.005    0.005    0.005    0.005    0.006    0.006    0.007    0.007    0.008
520    PI    0.006    0.007    0.008    0.008    0.009    0.009    0.010    0.010    0.010    0.011
521    PI    0.012    0.013    0.015    0.015    0.016    0.017    0.019    0.020    0.021    0.022
522    PI    0.015    0.015    0.020    0.020    0.019    0.019    0.017    0.018    0.025    0.026
523    PI    0.028    0.029    0.034    0.034    0.023    0.023    0.027    0.026    0.026    0.025
524    PI    0.024    0.023    0.019    0.019    0.004    0.004    0.003    0.003    0.005    0.005
525    PI    0.005    0.004    0.004    0.004    0.003    0.002    0.003    0.004    0.003    0.002
526    PI    0.003    0.003    0.003    0.002    0.003    0.002    0.003    0.002    0.003    0.002
527    PI    0.002    0.002    0.002    0.002    0.002    0.002
528    LU      0      0
529    KM    UHG FROM VALLEY S-GRAPH
530    UI    1912.    501.    188.    96.    41.    16.

531    KK      15B7 TOTAL ROMOLAND SUB-AREA COMBINED AT THE U/S OF I-215 FWY PER CDJ
532    HC      2      0

533    KK    H      US@215
534    KM      US@215
535    KM      COMBINE THE NUEVO RD., PERRIS, AND ROMOLAND HYDROGRAPHS
536    HC      2      0
537    ZW      A=S.J.RIVER CP-H B=H C=FLOW D=01APR92 E=1HOUR F=
                                HEC-1 INPUT

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

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538    KK      H-I ROUTE
539    KM      ROUTE SAN JACINTO RIVER FROM I-215 TO CONCENTRATION POINT I
540    KM      BASED ON SV-SQ DATA FROM HEC-RAS Updated 14 Jan 2010
541    KM      Time Step (Ave Travel Time = 5.13 Hours - Divide by 1.5 Vw=3.42hr)
542    KM      Because of this use NSTPS = 3 jcc 9 Feb 2010
543    RS      3      STOR      -1
544    SV      0      156      291      878      3673      4783      5881      6288      8059      10737
545    SV    13406    15955    18408    20812    29306    36900
546    SQ      0      500      1000      2000      4000      6000      8000      10000      15000      20000
547    SQ    25000    30000    35000    40000    60000    80000
548    ZW      A=S.J.RIVER ROUTE H-I B=H-I C=FLOW D=01APR92 E=1HOUR F=

549    KK      15A ROMOLAND SUB-AREA (A-SYSTEM)
550    KM      COMBINE HOMELAND, ROMOLAND (A-SYSTEM) AND THE REMAINING AREA AT THE
551    KM      D/S OF I-215 FWY PER CDJ
552    BA    28.11

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day2.out

553	PB	0.128									
554	IN	15 01APR92	0015								
555	PI	0.002	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.004	0.004
556	PI	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.007	0.007	0.008
557	PI	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.011
558	PI	0.012	0.013	0.015	0.015	0.016	0.017	0.019	0.020	0.021	0.022
559	PI	0.015	0.015	0.020	0.020	0.019	0.019	0.017	0.018	0.025	0.026
560	PI	0.028	0.029	0.034	0.034	0.023	0.023	0.027	0.026	0.026	0.025
561	PI	0.024	0.023	0.019	0.019	0.004	0.004	0.003	0.003	0.005	0.005
562	PI	0.005	0.004	0.004	0.004	0.003	0.002	0.003	0.004	0.003	0.002
563	PI	0.003	0.003	0.003	0.002	0.003	0.002	0.003	0.002	0.003	0.002
564	PI	0.002	0.002	0.002	0.002	0.002	0.002				
565	LU	0	0								
566	KM	UHG FROM VALLEY S-GRAPH									
567	UI	7956.	5752.	1833.	981.	622.	412.	267.	159.	148.	

568	KK	I									
569	KM	ENTRANCE TO RAILROAD CANYON DAM									
570	HC	2	0								
571	ZW	A=S.J.RIVER CP-I B=I C=FLOW D=01APR92 E=1HOUR F=									

572	KK	I-J									
573	KM	ROUTE FROM C.P.I TO C.P.J									
574	KM	FROM S.J.RIVER STAGE III PLAN & PROFILE, VELOCITY=3.6 FT/SEC									
575	KM	TRAVEL DISTANCE =24,288 FT.									
576	RT	1	2	0							

577	KK	17 SUBAREA 17									
578	KM	SALT CREEK									
579	BA	123.91									
580	PB	0.143									
581	IN	15 01APR92	0040								
582	PI	0.002	0.003	0.003	0.004	0.003	0.003	0.003	0.004	0.004	0.004
583	PI	0.005	0.005	0.005	0.005	0.005	0.006	0.006	0.007	0.007	0.008
584	PI	0.006	0.007	0.008	0.008	0.009	0.009	0.010	0.010	0.010	0.011
585	PI	0.012	0.013	0.015	0.015	0.016	0.017	0.019	0.020	0.021	0.022
586	PI	0.015	0.015	0.020	0.020	0.019	0.019	0.017	0.018	0.025	0.026
587	PI	0.028	0.029	0.034	0.034	0.023	0.023	0.027	0.026	0.026	0.025

HEC-1 INPUT

LINE	ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
588	PI 0.024 0.023 0.019 0.019 0.004 0.004 0.003 0.003 0.005 0.005
589	PI 0.005 0.004 0.004 0.004 0.003 0.002 0.003 0.004 0.003 0.002
590	PI 0.003 0.003 0.003 0.002 0.003 0.002 0.003 0.002 0.003 0.002
591	PI 0.002 0.002 0.002 0.002 0.002 0.002
592	LU 0 0
593	KM UHG FROM MOUNTAIN S-GRAPH
594	UI 7481. 17797. 13137. 7282. 4868. 3815. 3168. 2450. 2175. 1830.
595	UI 1661. 1370. 1145. 1059. 994. 900. 878. 780. 774. 659.
596	UI 659. 560. 502. 502. 441. 365. 365. 365. 351. 133.
597	UI 133. 133. 133. 133. 133. 133. 133. 133. 133. 133.
598	UI 130.
599	KK 16 SUBAREA 16
600	KM RAILROAD CANYON
601	BA 26.04

day2.out

602	PB	0.137									
603	IN	30	01APR92	0015							
604	PI	0.005	0.007	0.006	0.007	0.008	0.010	0.010	0.011	0.013	0.015
605	PI	0.013	0.016	0.018	0.020	0.021	0.025	0.030	0.033	0.039	0.043
606	PI	0.030	0.040	0.038	0.035	0.051	0.057	0.068	0.046	0.053	0.051
607	PI	0.047	0.038	0.008	0.006	0.010	0.009	0.008	0.005	0.007	0.005
608	PI	0.006	0.005	0.005	0.005	0.005	0.004	0.004	0.004		
609	LU	0	0								
610	KM	UHG FROM MOUNTAIN S-GRAPH									
611	UI	4825.	4516.	1821.	1215.	851.	656.	486.	402.	352.	309.
612	UI	264.	220.	199.	147.	144.	86.	53.	53.	53.	53.
613	UI	52.5	40.2								

```

614      KK  J(US)
615      KM      UPSTREAM OF RAILROAD CANYON
616      KM      COMBINE THE R.R.CYN., SALT CREEK, & SHALLOW POND OUTFLOW HYDROGRAPHS
617      HC      3      0
618      ZW      A=S.J.RIVER CP-J(US) B=J(US) C=FLOW D=01APR92 E=1HOUR F=

```

619	KK	J(DS)	RAILROAD CANYON DAM											
620	KM	RATING CURVE WAS OBTAINED FROM PREVIOUS WORK DONE BY COOK, DATED 10/2/73												
621	RS	1	STOR	0										
622	SV	0	835.93	1671.87	2507.80	3343.74	4179.67	5015.60	5851.54	6687.47	7523.41			
623	SV	8359.3	9195.27	10031.21	10867.14	11703.08	12539.01	13374.95	14210.88	15046.81	15214			
624	SE	1381.8	1382.8	1383.8	1384.8	1385.8	1386.8	1387.8	1388.8	1389.8	1390.8			
625	SE	1391.8	1392.8	1393.8	1394.8	1395.8	1396.8	1397.8	1398.8	1399.8	1400			
626	SQ	0	538	1591.6	3023.8	4765.3	6851.3	9204.3	11781.1	14614.4	17699.2			
627	SQ	21031.	24546.7	28215.9	32090.6	36078.4	41478.2	48467.1	55911.2	64285.1	66000			
628	ZW	A=S.J.RIVER CP-J(DS) B=J(DS) C=FLOW D=01APR92 E=1HOUR F=												
629	ZZ													

1

SCHEMATIC DIAGRAM OF STREAM NETWORK

INPUT
LINE

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

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

Score	Group A (Solid Dot)	Group B (Open Circle)
16	1	2
33	1	3
49	1	4
65	1	5
69	1	5
75	1	6
90	1	5

```

105      B .....
      .
109      .      7
      .      .
128      C .....
      .
132      .      8
      .      .
151      D .....
      .
155      .      9
      .      .
169      E .....
      V
      V
173      E-F
      .
185      .      10
      .      .
204      .      .      11
      .      .      .
223      F .....
      V
      V
227      F-F1
      V
      V
239      F1-G
      .
250      .      12A
      .      .
268      .      .      12A1
      .      .      .
286      G .....
      V
      V
290      G-H
      .
301      .      13
      .      .
322      .      .      13
      .      .

```

```

342  NUEVDS .....
      .
345      14
      .   V
      .   V
366      PB
      .
      .
373      .   IA
      .   .
      .   .
386      IA .....
      .   V
      .   V
389      IB
      .
      .
398      .   LA
      .   V
      .   V
411      .   LB
      .   .
      .   .
418      .   .   NA
      .   .   V
      .   .   V
431      .   .   NB
      .   .
      .   .
440      .   .   SA
      .   .
      .   .
455      CP1 .....
      .
458      .   CP4A
      .   .
472      .   .   SEATA
      .   .
      .   .
487      CP4 .....
      .
490  COMB .....
      .
493      15B
      .
      .
513      .   15B1
      .   .
      .   .
531      15B7 .....
      .

```

day2.out

```
533      H      .
          V      .
          V      .
538      H-I     .
          .
549      .      15A
          .      .
          .      .
568      I      .
          V      .
          V      .
572      I-J     .
          .
577      .      17
          .      .
          .      .
599      .      .      16
          .      .      .
          .      .      .
614      J(US)   .
          V      .
          V      .
619      J(DS)   .
```

(***) RUNOFF ALSO COMPUTED AT THIS LOCATION

```
1*****
*
* FLOOD HYDROGRAPH PACKAGE (HEC-1)
* JUN 1998
* VERSION 4.1
*
* RUN DATE 03MAY16 TIME 17:17:14
*
*****
```

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

DAY 2
WEBB ASSOCITES BASE FILE OF SAN JACINTO RIVER EXISITNG CONDITIONS
BASED ON FILE sjrre1.dat by WEST CONSULTANTS INC.
FOR RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT
** ORIGINAL FILE: SAN JACINTO RIVER HYDROLOGY BACKUPS (ALTERNATIVE F)
** LAPRE1 FILENAMES: 2SJR24
** HEC-1 FILENAMES: 2SJR24.DAT/2SJR24.OUT DATE: SEPTEMBER, 1993
** INFORMATION USED WAS BASED ON PREVIOUS WORKS PERFORMED BY F.J.P.
** PERRIS VALLEY WATERSHED WAS OBTAINED FROM B.C.'S PREVIOUS WORK
SV-SQ DATA FOR MODIFIED PULS ROUTING FROM HEC-RAS HYDRAULIC MODEL
HEC-1 FILENAMES: REMLF.DAT/REMLF.OUT DATE: APR 2010
For San Jacinto Floodplain update do not use routed flows downstream
of Bridge Street. HEC-RAS will be used to route the hydrographs from
this model in an unsteady simulation. jcc 16AUG2010

IT HYDROGRAPH TIME DATA

NMIN	60	MINUTES IN COMPUTATION INTERVAL
IDATE	1APR92	STARTING DATE
ITIME	0000	STARTING TIME
NQ	100	NUMBER OF HYDROGRAPH ORDINATES
NDDATE	5APR92	ENDING DATE
NDTIME	0300	ENDING TIME
ICENT	19	CENTURY MARK

COMPUTATION INTERVAL	1.00 HOURS
TOTAL TIME BASE	99.00 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

*** **

16 KK	*	*	
	*	2	SUBAREAS 1 & 2
	*	*	

SAN JACINTO MOUNTAIN AT BAUTISTA CREEK

20 IN TIME DATA FOR INPUT TIME SERIES

JXMIN	60	TIME INTERVAL IN MINUTES
JXDATE	1APR92	STARTING DATE
JXTIME	135	STARTING TIME

UHG FROM MOUNTAIN S-GRAPH

SUBBASIN RUNOFF DATA

18 BA SUBBASIN CHARACTERISTICS

TAREA	178.50	SUBBASIN AREA
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PRECIPITATION DATA

19 PB STORM .29 BASIN TOTAL PRECIPITATION

21 PI INCREMENTAL PRECIPITATION PATTERN

.00	.01	.01	.01	.02	.02	.03	.03	.04	.05
.07	.07	.06	.08	.14	.15	.10	.04	.02	.01
.01	.01	.01	.01	.01	.00				

24 LU UNIFORM LOSS RATE

STRTL	.00	INITIAL LOSS
CNSTL	.00	UNIFORM LOSS RATE
RTIMP	.00	PERCENT IMPERVIOUS AREA

day2.out

24 UI

INPUT UNITGRAPH, 55 ORDINATES, VOLUME = 1.00

7168.0	13829.0	21244.0	12890.0	8592.0	5602.0	4846.0	4024.0	3419.0	2982.0
2533.0	2303.0	2000.0	1862.0	1684.0	1474.0	1258.0	1212.0	1080.0	1069.0
982.0	957.0	914.0	839.0	839.0	758.0	708.0	708.0	647.0	540.0
540.0	540.0	525.0	392.0	392.0	392.0	392.0	392.0	335.0	143.0
143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0	143.0
143.0	143.0	143.0	143.0	129.0					

HYDROGRAPH AT STATION 2

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	99.
1	APR	0100	2	.00	.00	.00	0.	*	3	APR	0300	52	.00	.00	.00	92.
1	APR	0200	3	.00	.00	.00	13.	*	3	APR	0400	53	.00	.00	.00	85.
1	APR	0300	4	.00	.00	.00	50.	*	3	APR	0500	54	.00	.00	.00	77.
1	APR	0400	5	.00	.00	.00	115.	*	3	APR	0600	55	.00	.00	.00	67.
1	APR	0500	6	.01	.00	.01	189.	*	3	APR	0700	56	.00	.00	.00	56.
1	APR	0600	7	.01	.00	.01	264.	*	3	APR	0800	57	.00	.00	.00	50.
1	APR	0700	8	.01	.00	.01	344.	*	3	APR	0900	58	.00	.00	.00	47.
1	APR	0800	9	.01	.00	.01	433.	*	3	APR	1000	59	.00	.00	.00	45.
1	APR	0900	10	.01	.00	.01	533.	*	3	APR	1100	60	.00	.00	.00	43.
1	APR	1000	11	.01	.00	.01	664.	*	3	APR	1200	61	.00	.00	.00	42.
1	APR	1100	12	.02	.00	.02	845.	*	3	APR	1300	62	.00	.00	.00	40.
1	APR	1200	13	.02	.00	.02	1056.	*	3	APR	1400	63	.00	.00	.00	38.
1	APR	1300	14	.02	.00	.02	1250.	*	3	APR	1500	64	.00	.00	.00	36.
1	APR	1400	15	.02	.00	.02	1415.	*	3	APR	1600	65	.00	.00	.00	34.
1	APR	1500	16	.04	.00	.04	1684.	*	3	APR	1700	66	.00	.00	.00	32.
1	APR	1600	17	.04	.00	.04	2099.	*	3	APR	1800	67	.00	.00	.00	29.
1	APR	1700	18	.03	.00	.03	2491.	*	3	APR	1900	68	.00	.00	.00	27.
1	APR	1800	19	.01	.00	.01	2523.	*	3	APR	2000	69	.00	.00	.00	24.
1	APR	1900	20	.00	.00	.00	2185.	*	3	APR	2100	70	.00	.00	.00	20.
1	APR	2000	21	.00	.00	.00	1721.	*	3	APR	2200	71	.00	.00	.00	14.
1	APR	2100	22	.00	.00	.00	1372.	*	3	APR	2300	72	.00	.00	.00	9.
1	APR	2200	23	.00	.00	.00	1163.	*	4	APR	0000	73	.00	.00	.00	5.
1	APR	2300	24	.00	.00	.00	1022.	*	4	APR	0100	74	.00	.00	.00	3.
2	APR	0000	25	.00	.00	.00	914.	*	4	APR	0200	75	.00	.00	.00	3.
2	APR	0100	26	.00	.00	.00	823.	*	4	APR	0300	76	.00	.00	.00	2.
2	APR	0200	27	.00	.00	.00	739.	*	4	APR	0400	77	.00	.00	.00	2.
2	APR	0300	28	.00	.00	.00	653.	*	4	APR	0500	78	.00	.00	.00	1.
2	APR	0400	29	.00	.00	.00	566.	*	4	APR	0600	79	.00	.00	.00	1.
2	APR	0500	30	.00	.00	.00	493.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	437.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	392.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	356.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	327.	*	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	304.	*	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	284.	*	4	APR	1300	86	.00	.00	.00	0.
2	APR	1200	37	.00	.00	.00	266.	*	4	APR	1400	87	.00	.00	.00	0.
2	APR	1300	38	.00	.00	.00	251.	*	4	APR	1500	88	.00	.00	.00	0.

								day2.out								
2 APR 1400	39	.00	.00	.00	236.	*	4 APR 1600	89	.00	.00	.00	0.				
2 APR 1500	40	.00	.00	.00	222.	*	4 APR 1700	90	.00	.00	.00	0.				
2 APR 1600	41	.00	.00	.00	208.	*	4 APR 1800	91	.00	.00	.00	0.				
2 APR 1700	42	.00	.00	.00	195.	*	4 APR 1900	92	.00	.00	.00	0.				
2 APR 1800	43	.00	.00	.00	183.	*	4 APR 2000	93	.00	.00	.00	0.				
2 APR 1900	44	.00	.00	.00	172.	*	4 APR 2100	94	.00	.00	.00	0.				
2 APR 2000	45	.00	.00	.00	159.	*	4 APR 2200	95	.00	.00	.00	0.				
2 APR 2100	46	.00	.00	.00	147.	*	4 APR 2300	96	.00	.00	.00	0.				
2 APR 2200	47	.00	.00	.00	138.	*	5 APR 0000	97	.00	.00	.00	0.				
2 APR 2300	48	.00	.00	.00	129.	*	5 APR 0100	98	.00	.00	.00	0.				
3 APR 0000	49	.00	.00	.00	119.	*	5 APR 0200	99	.00	.00	.00	0.				
3 APR 0100	50	.00	.00	.00	108.	*	5 APR 0300	100	.00	.00	.00	0.				

TOTAL RAINFALL = .29, TOTAL LOSS = .00, TOTAL EXCESS = .29

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	2523.	18.00	2092.	1144.	462.	336.
		(INCHES)	.109	.238	.289	.289
		(AC-FT)	1037.	2268.	2749.	2750.

CUMULATIVE AREA = 178.50 SQ MI

-----DSS---ZOPEN: Existing File Opened, File: H1DSS.DSS

Unit: 71; DSS Version: 6-JG

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-2/2/FLOW/01MAR1992/1HOUR//

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-2/2/FLOW/01APR1992/1HOUR//

*** **

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*****
*
33 KK * 3 * SUBAREA 3
*
*****

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BAUTISTA CREEK

37 IN TIME DATA FOR INPUT TIME SERIES

JXMIN	60	TIME INTERVAL IN MINUTES
JXDATE	1APR92	STARTING DATE
JXTIME	120	STARTING TIME

UHG FROM MOUNTAIN S-GGRAPH

SUBBASIN RUNOFF DATA

35 BA SUBBASIN CHARACTERISTICS

TAREA	51.38	SUBBASIN AREA
-------	-------	---------------

PRECIPITATION DATA

day2.out

36 PB STORM .19 BASIN TOTAL PRECIPITATION

38 PI INCREMENTAL PRECIPITATION PATTERN

.00	.00	.01	.01	.02	.02	.03	.03	.04	.05
.07	.08	.07	.08	.11	.11	.10	.06	.02	.02
.01	.01	.01	.01	.01	.01				

41 LU UNIFORM LOSS RATE

STRTL	.00	INITIAL LOSS
CNSTL	.00	UNIFORM LOSS RATE
RTIMP	.00	PERCENT IMPERVIOUS AREA

41 UI INPUT UNITGRAPH, 42 ORDINATES, VOLUME = 1.00

3045.0	7285.0	5462.0	3065.0	2015.0	1581.0	1310.0	1032.0	899.0	765.0
697.0	566.0	483.0	443.0	408.0	376.0	365.0	324.0	320.0	278.0
270.0	245.0	206.0	206.0	196.0	150.0	150.0	150.0	150.0	79.0
54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
54.4	23.4								

HYDROGRAPH AT STATION 3

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	10.
1	APR	0100	2	.00	.00	.00	0.	*	3	APR	0300	52	.00	.00	.00	9.
1	APR	0200	3	.00	.00	.00	2.	*	3	APR	0400	53	.00	.00	.00	8.
1	APR	0300	4	.00	.00	.00	13.	*	3	APR	0500	54	.00	.00	.00	7.
1	APR	0400	5	.00	.00	.00	30.	*	3	APR	0600	55	.00	.00	.00	6.
1	APR	0500	6	.00	.00	.00	46.	*	3	APR	0700	56	.00	.00	.00	5.
1	APR	0600	7	.00	.00	.00	64.	*	3	APR	0800	57	.00	.00	.00	4.
1	APR	0700	8	.01	.00	.01	83.	*	3	APR	0900	58	.00	.00	.00	3.
1	APR	0800	9	.01	.00	.01	103.	*	3	APR	1000	59	.00	.00	.00	2.
1	APR	0900	10	.01	.00	.01	126.	*	3	APR	1100	60	.00	.00	.00	1.
1	APR	1000	11	.01	.00	.01	157.	*	3	APR	1200	61	.00	.00	.00	1.
1	APR	1100	12	.01	.00	.01	201.	*	3	APR	1300	62	.00	.00	.00	1.
1	APR	1200	13	.01	.00	.01	254.	*	3	APR	1400	63	.00	.00	.00	1.
1	APR	1300	14	.01	.00	.01	295.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	324.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.02	.00	.02	372.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.02	.00	.02	434.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.02	.00	.02	473.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.01	.00	.01	464.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	397.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	308.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	249.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	213.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	187.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	167.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	151.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	136.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	117.	*	4	APR	0500	78	.00	.00	.00	0.

										day2.out					
2 APR 0400	29	.00	.00	.00	98.	*	4 APR 0600	79	.00	.00	.00	0.			
2 APR 0500	30	.00	.00	.00	84.	*	4 APR 0700	80	.00	.00	.00	0.			
2 APR 0600	31	.00	.00	.00	75.	*	4 APR 0800	81	.00	.00	.00	0.			
2 APR 0700	32	.00	.00	.00	68.	*	4 APR 0900	82	.00	.00	.00	0.			
2 APR 0800	33	.00	.00	.00	62.	*	4 APR 1000	83	.00	.00	.00	0.			
2 APR 0900	34	.00	.00	.00	56.	*	4 APR 1100	84	.00	.00	.00	0.			
2 APR 1000	35	.00	.00	.00	51.	*	4 APR 1200	85	.00	.00	.00	0.			
2 APR 1100	36	.00	.00	.00	47.	*	4 APR 1300	86	.00	.00	.00	0.			
2 APR 1200	37	.00	.00	.00	43.	*	4 APR 1400	87	.00	.00	.00	0.			
2 APR 1300	38	.00	.00	.00	39.	*	4 APR 1500	88	.00	.00	.00	0.			
2 APR 1400	39	.00	.00	.00	35.	*	4 APR 1600	89	.00	.00	.00	0.			
2 APR 1500	40	.00	.00	.00	32.	*	4 APR 1700	90	.00	.00	.00	0.			
2 APR 1600	41	.00	.00	.00	29.	*	4 APR 1800	91	.00	.00	.00	0.			
2 APR 1700	42	.00	.00	.00	26.	*	4 APR 1900	92	.00	.00	.00	0.			
2 APR 1800	43	.00	.00	.00	23.	*	4 APR 2000	93	.00	.00	.00	0.			
2 APR 1900	44	.00	.00	.00	21.	*	4 APR 2100	94	.00	.00	.00	0.			
2 APR 2000	45	.00	.00	.00	18.	*	4 APR 2200	95	.00	.00	.00	0.			
2 APR 2100	46	.00	.00	.00	16.	*	4 APR 2300	96	.00	.00	.00	0.			
2 APR 2200	47	.00	.00	.00	14.	*	5 APR 0000	97	.00	.00	.00	0.			
2 APR 2300	48	.00	.00	.00	12.	*	5 APR 0100	98	.00	.00	.00	0.			
3 APR 0000	49	.00	.00	.00	11.	*	5 APR 0200	99	.00	.00	.00	0.			
3 APR 0100	50	.00	.00	.00	10.	*	5 APR 0300	100	.00	.00	.00	0.			

TOTAL RAINFALL = .19, TOTAL LOSS = .00, TOTAL EXCESS = .19

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	473.	17.00	409.	228.	87.	64.
		(INCHES)	.074	.165	.190	.190
		(AC-FT)	203.	452.	520.	520.

CUMULATIVE AREA = 51.38 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-3/3/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-3/3/FLOW/01APR1992/1HOUR//

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49 KK      4      SUBAREA 4
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POPPET CREEK

53 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 30 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 110 STARTING TIME
 UHG FROM MOUNTAIN S-GRAPH

SUBBASIN RUNOFF DATA

51 BA SUBBASIN CHARACTERISTICS
TAREA 15.76 SUBBASIN AREA

PRECIPITATION DATA

52 PB STORM .26 BASIN TOTAL PRECIPITATION

54 PI INCREMENTAL PRECIPITATION PATTERN

.00	.00	.01	.01	.02	.02	.02	.03	.03	.04
.06	.07	.06	.07	.14	.17	.11	.06	.01	.02
.01	.01	.01	.01	.01	.01				

59 LU UNIFORM LOSS RATE

STRTL	.00	INITIAL LOSS
CNSTL	.00	UNIFORM LOSS RATE
RTIMP	.00	PERCENT IMPERVIOUS AREA

59 UI INPUT UNITGRAPH, 22 ORDINATES, VOLUME = 1.00

3073.0	2654.0	1099.0	728.0	511.0	392.0	291.0	240.0	212.0	186.0
162.0	126.0	113.0	90.0	88.0	33.0	33.0	33.0	33.0	33.0
32.6	6.3								

HYDROGRAPH AT STATION 4

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	0.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	1.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	9.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	17.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	25.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.01	.00	.01	33.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.01	.00	.01	42.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	50.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	61.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	77.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.02	.00	.02	100.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.02	.00	.02	125.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.02	.00	.02	137.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	145.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.04	.00	.04	211.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.04	.00	.04	290.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.03	.00	.03	285.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.02	.00	.02	232.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	161.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	119.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	96.	*	3	APR	2300	72	.00	.00	.00	0.

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                                day2.out
1 APR 2200 23 .00 .00 .00 79. * 4 APR 0000 73 .00 .00 .00 0.
1 APR 2300 24 .00 .00 .00 68. * 4 APR 0100 74 .00 .00 .00 0.
2 APR 0000 25 .00 .00 .00 59. * 4 APR 0200 75 .00 .00 .00 0.
2 APR 0100 26 .00 .00 .00 52. * 4 APR 0300 76 .00 .00 .00 0.
2 APR 0200 27 .00 .00 .00 45. * 4 APR 0400 77 .00 .00 .00 0.
2 APR 0300 28 .00 .00 .00 34. * 4 APR 0500 78 .00 .00 .00 0.
2 APR 0400 29 .00 .00 .00 26. * 4 APR 0600 79 .00 .00 .00 0.
2 APR 0500 30 .00 .00 .00 21. * 4 APR 0700 80 .00 .00 .00 0.
2 APR 0600 31 .00 .00 .00 17. * 4 APR 0800 81 .00 .00 .00 0.
2 APR 0700 32 .00 .00 .00 13. * 4 APR 0900 82 .00 .00 .00 0.
2 APR 0800 33 .00 .00 .00 10. * 4 APR 1000 83 .00 .00 .00 0.
2 APR 0900 34 .00 .00 .00 8. * 4 APR 1100 84 .00 .00 .00 0.
2 APR 1000 35 .00 .00 .00 7. * 4 APR 1200 85 .00 .00 .00 0.
2 APR 1100 36 .00 .00 .00 6. * 4 APR 1300 86 .00 .00 .00 0.
2 APR 1200 37 .00 .00 .00 5. * 4 APR 1400 87 .00 .00 .00 0.
2 APR 1300 38 .00 .00 .00 3. * 4 APR 1500 88 .00 .00 .00 0.
2 APR 1400 39 .00 .00 .00 2. * 4 APR 1600 89 .00 .00 .00 0.
2 APR 1500 40 .00 .00 .00 1. * 4 APR 1700 90 .00 .00 .00 0.
2 APR 1600 41 .00 .00 .00 1. * 4 APR 1800 91 .00 .00 .00 0.
2 APR 1700 42 .00 .00 .00 0. * 4 APR 1900 92 .00 .00 .00 0.
2 APR 1800 43 .00 .00 .00 0. * 4 APR 2000 93 .00 .00 .00 0.
2 APR 1900 44 .00 .00 .00 0. * 4 APR 2100 94 .00 .00 .00 0.
2 APR 2000 45 .00 .00 .00 0. * 4 APR 2200 95 .00 .00 .00 0.
2 APR 2100 46 .00 .00 .00 0. * 4 APR 2300 96 .00 .00 .00 0.
2 APR 2200 47 .00 .00 .00 0. * 5 APR 0000 97 .00 .00 .00 0.
2 APR 2300 48 .00 .00 .00 0. * 5 APR 0100 98 .00 .00 .00 0.
3 APR 0000 49 .00 .00 .00 0. * 5 APR 0200 99 .00 .00 .00 0.
3 APR 0100 50 .00 .00 .00 0. * 5 APR 0300 100 .00 .00 .00 0.
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TOTAL RAINFALL = .26, TOTAL LOSS = .00, TOTAL EXCESS = .26

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW 24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	290.	16.00	219.	106.	37.	27.
		(INCHES)	.129	.251	.263	.263
		(AC-FT)	108.	211.	221.	221.

CUMULATIVE AREA = 15.76 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-4/4/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-4/4/FLOW/01APR1992/1HOUR//

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*           *
65 KK      * A *
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BAUTISTA CREEK CONFLUENCE

day2.out

67 HC HYDROGRAPH COMBINATION
ICOMP 3 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION A
SUM OF 3 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1	APR	0000	1	0.	*	2	APR	0100	26	1026.	*	3	APR	0200	51	108.	*	4	APR	0300	76	2.
1	APR	0100	2	0.	*	2	APR	0200	27	919.	*	3	APR	0300	52	100.	*	4	APR	0400	77	2.
1	APR	0200	3	17.	*	2	APR	0300	28	804.	*	3	APR	0400	53	93.	*	4	APR	0500	78	1.
1	APR	0300	4	72.	*	2	APR	0400	29	691.	*	3	APR	0500	54	85.	*	4	APR	0600	79	1.
1	APR	0400	5	162.	*	2	APR	0500	30	598.	*	3	APR	0600	55	73.	*	4	APR	0700	80	0.
1	APR	0500	6	260.	*	2	APR	0600	31	529.	*	3	APR	0700	56	62.	*	4	APR	0800	81	0.
1	APR	0600	7	361.	*	2	APR	0700	32	473.	*	3	APR	0800	57	54.	*	4	APR	0900	82	0.
1	APR	0700	8	469.	*	2	APR	0800	33	428.	*	3	APR	0900	58	50.	*	4	APR	1000	83	0.
1	APR	0800	9	586.	*	2	APR	0900	34	391.	*	3	APR	1000	59	47.	*	4	APR	1100	84	0.
1	APR	0900	10	720.	*	2	APR	1000	35	362.	*	3	APR	1100	60	45.	*	4	APR	1200	85	0.
1	APR	1000	11	898.	*	2	APR	1100	36	337.	*	3	APR	1200	61	43.	*	4	APR	1300	86	0.
1	APR	1100	12	1146.	*	2	APR	1200	37	314.	*	3	APR	1300	62	41.	*	4	APR	1400	87	0.
1	APR	1200	13	1434.	*	2	APR	1300	38	292.	*	3	APR	1400	63	39.	*	4	APR	1500	88	0.
1	APR	1300	14	1682.	*	2	APR	1400	39	273.	*	3	APR	1500	64	37.	*	4	APR	1600	89	0.
1	APR	1400	15	1884.	*	2	APR	1500	40	255.	*	3	APR	1600	65	35.	*	4	APR	1700	90	0.
1	APR	1500	16	2267.	*	2	APR	1600	41	238.	*	3	APR	1700	66	32.	*	4	APR	1800	91	0.
1	APR	1600	17	2823.	*	2	APR	1700	42	222.	*	3	APR	1800	67	29.	*	4	APR	1900	92	0.
1	APR	1700	18	3249.	*	2	APR	1800	43	207.	*	3	APR	1900	68	27.	*	4	APR	2000	93	0.
1	APR	1800	19	3220.	*	2	APR	1900	44	193.	*	3	APR	2000	69	24.	*	4	APR	2100	94	0.
1	APR	1900	20	2743.	*	2	APR	2000	45	178.	*	3	APR	2100	70	20.	*	4	APR	2200	95	0.
1	APR	2000	21	2147.	*	2	APR	2100	46	163.	*	3	APR	2200	71	14.	*	4	APR	2300	96	0.
1	APR	2100	22	1717.	*	2	APR	2200	47	151.	*	3	APR	2300	72	9.	*	5	APR	0000	97	0.
1	APR	2200	23	1454.	*	2	APR	2300	48	141.	*	4	APR	0000	73	5.	*	5	APR	0100	98	0.
1	APR	2300	24	1276.	*	3	APR	0000	49	130.	*	4	APR	0100	74	3.	*	5	APR	0200	99	0.
2	APR	0000	25	1141.	*	3	APR	0100	50	119.	*	4	APR	0200	75	3.	*	5	APR	0300	100	0.

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	72-HR	99.00-HR
+	(CFS)	(HR)		24-HR		
+	3249.	17.00				
			(CFS)			
			(INCHES)			
			(AC-FT)			

CUMULATIVE AREA = 245.64 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-A/A/FLOW/01MAR1992/1HOUR//
-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-A/A/FLOW/01APR1992/1HOUR//

day2.out

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*
69 KK * A-B * ROUTE BAUTISTA CK CONFL. TO MASSACRE CANYON CONFL. NEAR SANDERSON AVE.
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ROUTE CONC.PT.A TO CONC.PT.B
BASED ON FJP'S PREVIOUS WORK, L=39,290 FT., Vavg=9.2 FPS.
Vw=1.5*Vavg

HYDROGRAPH ROUTING DATA

73 RT TATUM OR STRADDLE-STAGGER ROUTING
NSTPS 1 NUMBER OF TATUM STEPS
NSTDL 2 NUMBER OF ORDINATES TO BE AVERAGED
LAG 0 NUMBER OF INTERVALS TO LAG HYDROGRAPH

HYDROGRAPH AT STATION A-B

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1	APR	0000	1	0.	*	2	APR	0100	26	1083.	*	3	APR	0200	51	113.	*	4	APR	0300	76	2.
1	APR	0100	2	0.	*	2	APR	0200	27	973.	*	3	APR	0300	52	104.	*	4	APR	0400	77	2.
1	APR	0200	3	8.	*	2	APR	0300	28	862.	*	3	APR	0400	53	97.	*	4	APR	0500	78	1.
1	APR	0300	4	44.	*	2	APR	0400	29	747.	*	3	APR	0500	54	89.	*	4	APR	0600	79	1.
1	APR	0400	5	117.	*	2	APR	0500	30	644.	*	3	APR	0600	55	79.	*	4	APR	0700	80	1.
1	APR	0500	6	211.	*	2	APR	0600	31	564.	*	3	APR	0700	56	67.	*	4	APR	0800	81	0.
1	APR	0600	7	311.	*	2	APR	0700	32	501.	*	3	APR	0800	57	58.	*	4	APR	0900	82	0.
1	APR	0700	8	415.	*	2	APR	0800	33	450.	*	3	APR	0900	58	52.	*	4	APR	1000	83	0.
1	APR	0800	9	528.	*	2	APR	0900	34	409.	*	3	APR	1000	59	48.	*	4	APR	1100	84	0.
1	APR	0900	10	653.	*	2	APR	1000	35	377.	*	3	APR	1100	60	46.	*	4	APR	1200	85	0.
1	APR	1000	11	809.	*	2	APR	1100	36	349.	*	3	APR	1200	61	44.	*	4	APR	1300	86	0.
1	APR	1100	12	1022.	*	2	APR	1200	37	325.	*	3	APR	1300	62	42.	*	4	APR	1400	87	0.
1	APR	1200	13	1290.	*	2	APR	1300	38	303.	*	3	APR	1400	63	40.	*	4	APR	1500	88	0.
1	APR	1300	14	1558.	*	2	APR	1400	39	283.	*	3	APR	1500	64	38.	*	4	APR	1600	89	0.
1	APR	1400	15	1783.	*	2	APR	1500	40	264.	*	3	APR	1600	65	36.	*	4	APR	1700	90	0.
1	APR	1500	16	2076.	*	2	APR	1600	41	247.	*	3	APR	1700	66	33.	*	4	APR	1800	91	0.
1	APR	1600	17	2545.	*	2	APR	1700	42	230.	*	3	APR	1800	67	31.	*	4	APR	1900	92	0.
1	APR	1700	18	3036.	*	2	APR	1800	43	214.	*	3	APR	1900	68	28.	*	4	APR	2000	93	0.
1	APR	1800	19	3234.	*	2	APR	1900	44	200.	*	3	APR	2000	69	25.	*	4	APR	2100	94	0.
1	APR	1900	20	2981.	*	2	APR	2000	45	185.	*	3	APR	2100	70	22.	*	4	APR	2200	95	0.
1	APR	2000	21	2445.	*	2	APR	2100	46	170.	*	3	APR	2200	71	17.	*	4	APR	2300	96	0.
1	APR	2100	22	1932.	*	2	APR	2200	47	157.	*	3	APR	2300	72	11.	*	5	APR	0000	97	0.
1	APR	2200	23	1585.	*	2	APR	2300	48	146.	*	4	APR	0000	73	7.	*	5	APR	0100	98	0.
1	APR	2300	24	1365.	*	3	APR	0000	49	136.	*	4	APR	0100	74	4.	*	5	APR	0200	99	0.
2	APR	0000	25	1208.	*	3	APR	0100	50	124.	*	4	APR	0200	75	3.	*	5	APR	0300	100	0.

day2.out

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
+	3234.	18.00				
		(CFS)	2708.	1475.	587.	427.
		(INCHES)	.102	.223	.266	.267
		(AC-FT)	1343.	2925.	3490.	3491.

CUMULATIVE AREA = 245.64 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE A-B/A-B/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE A-B/A-B/FLOW/01APR1992/1HOUR//

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 * *
 75 KK * 6 * SUBAREA 6
 * *

MASSACRE CANYON

79 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 30 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 100 STARTING TIME
 UHG FROM MOUNTAIN S-GRAPH

SUBBASIN RUNOFF DATA

77 BA SUBBASIN CHARACTERISTICS
 TAREA 35.42 SUBBASIN AREA

PRECIPITATION DATA

78 PB STORM .29 BASIN TOTAL PRECIPITATION

80 PI INCREMENTAL PRECIPITATION PATTERN

.00	.01	.01	.01	.02	.02	.02	.03	.03	.05
.06	.05	.06	.12	.21	.15	.08	.01	.02	.01
.01	.01	.01	.01	.01	.00				

85 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

85 UI INPUT UNITGRAPH, 29 ORDINATES, VOLUME = 1.00

3842.0	6708.0	2914.0	1774.0	1305.0	960.0	783.0	643.0	506.0	430.0
388.0	356.0	318.0	283.0	268.0	205.0	205.0	161.0	149.0	149.0
82.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	40.4	

day2.out

HYDROGRAPH AT STATION 6

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	0.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	10.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	29.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	43.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	59.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.01	.00	.01	75.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.01	.00	.01	93.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	112.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	140.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	177.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.02	.00	.02	230.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.02	.00	.02	267.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.02	.00	.02	279.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.03	.00	.03	363.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.06	.00	.06	597.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.04	.00	.04	774.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.02	.00	.02	705.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	516.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	350.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	279.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	229.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	196.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	171.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	150.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	134.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	115.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	94.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	80.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	70.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	60.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	52.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	45.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	39.	*	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	34.	*	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	27.	*	4	APR	1300	86	.00	.00	.00	0.
2	APR	1200	37	.00	.00	.00	22.	*	4	APR	1400	87	.00	.00	.00	0.
2	APR	1300	38	.00	.00	.00	18.	*	4	APR	1500	88	.00	.00	.00	0.
2	APR	1400	39	.00	.00	.00	16.	*	4	APR	1600	89	.00	.00	.00	0.
2	APR	1500	40	.00	.00	.00	14.	*	4	APR	1700	90	.00	.00	.00	0.
2	APR	1600	41	.00	.00	.00	13.	*	4	APR	1800	91	.00	.00	.00	0.
2	APR	1700	42	.00	.00	.00	12.	*	4	APR	1900	92	.00	.00	.00	0.
2	APR	1800	43	.00	.00	.00	10.	*	4	APR	2000	93	.00	.00	.00	0.
2	APR	1900	44	.00	.00	.00	8.	*	4	APR	2100	94	.00	.00	.00	0.
2	APR	2000	45	.00	.00	.00	5.	*	4	APR	2200	95	.00	.00	.00	0.
2	APR	2100	46	.00	.00	.00	2.	*	4	APR	2300	96	.00	.00	.00	0.
2	APR	2200	47	.00	.00	.00	1.	*	5	APR	0000	97	.00	.00	.00	0.
2	APR	2300	48	.00	.00	.00	1.	*	5	APR	0100	98	.00	.00	.00	0.

							day2.out						
3 APR 0000	49	.00	.00	.00	1.	*		5 APR 0200	99	.00	.00	.00	0.
3 APR 0100	50	.00	.00	.00	1.	*		5 APR 0300	100	.00	.00	.00	0.
						*							

TOTAL RAINFALL = .29, TOTAL LOSS = .00, TOTAL EXCESS = .29

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW		
				24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	774.	16.00	545.	258.	93.	68.
		(INCHES)	.143	.271	.294	.294
		(AC-FT)	270.	512.	555.	555.
		CUMULATIVE AREA =	35.42	SQ MI		

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 * *
 90 KK * 5 * SUBAREA 5
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SOBOBA-GILMAN

94 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 30 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 55 STARTING TIME
 UHG FROM MOUNTAIN S-GRAPH

SUBBASIN RUNOFF DATA

92 BA SUBBASIN CHARACTERISTICS
 TAREA 12.07 SUBBASIN AREA

PRECIPITATION DATA

93 PB STORM .18 BASIN TOTAL PRECIPITATION

95 PI INCREMENTAL PRECIPITATION PATTERN

.01	.01	.02	.02	.03	.03	.04	.04	.06	.08
.07	.07	.10	.14	.10	.09	.02	.02	.01	.01
.01	.01	.01	.01	.00	.00				

100 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

100 UI INPUT UNITGRAPH, 23 ORDINATES, VOLUME = 1.00

2082.0	2170.0	853.0	570.0	401.0	309.0	227.0	186.0	163.0	144.0
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126.0 110.0 89.0 77.0 day2.out 60.0 24.0 24.0 24.0 24.0
23.5 23.5 12.1 65.0

HYDROGRAPH AT STATION 5

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	4.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	9.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	13.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	17.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	23.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.01	.00	.01	27.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.01	.00	.01	32.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	40.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	51.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	67.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	75.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	78.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.02	.00	.02	93.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	122.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.02	.00	.02	129.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	118.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.00	.00	.00	90.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	64.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	52.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	43.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	37.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	33.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	29.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	26.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	21.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	16.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	13.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	10.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	8.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	7.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	5.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	4.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	4.	*	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	3.	*	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	2.	*	4	APR	1300	86	.00	.00	.00	0.
2	APR	1200	37	.00	.00	.00	2.	*	4	APR	1400	87	.00	.00	.00	0.
2	APR	1300	38	.00	.00	.00	1.	*	4	APR	1500	88	.00	.00	.00	0.
2	APR	1400	39	.00	.00	.00	1.	*	4	APR	1600	89	.00	.00	.00	0.
2	APR	1500	40	.00	.00	.00	0.	*	4	APR	1700	90	.00	.00	.00	0.
2	APR	1600	41	.00	.00	.00	0.	*	4	APR	1800	91	.00	.00	.00	0.
2	APR	1700	42	.00	.00	.00	0.	*	4	APR	1900	92	.00	.00	.00	0.
2	APR	1800	43	.00	.00	.00	0.	*	4	APR	2000	93	.00	.00	.00	0.
2	APR	1900	44	.00	.00	.00	0.	*	4	APR	2100	94	.00	.00	.00	0.

								day2.out								
2 APR 2000	45	.00	.00	.00	0.	*		4 APR 2200	95	.00	.00	.00	0.			
2 APR 2100	46	.00	.00	.00	0.	*		4 APR 2300	96	.00	.00	.00	0.			
2 APR 2200	47	.00	.00	.00	0.	*		5 APR 0000	97	.00	.00	.00	0.			
2 APR 2300	48	.00	.00	.00	0.	*		5 APR 0100	98	.00	.00	.00	0.			
3 APR 0000	49	.00	.00	.00	0.	*		5 APR 0200	99	.00	.00	.00	0.			
3 APR 0100	50	.00	.00	.00	0.	*		5 APR 0300	100	.00	.00	.00	0.			

TOTAL RAINFALL = .18, TOTAL LOSS = .00, TOTAL EXCESS = .18

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	
				24-HR	72-HR
+	(CFS)	(HR)			99.00-HR
		(CFS)			
+	129.	15.00	104.	54.	19.
		(INCHES)	.080	.166	.176
		(AC-FT)	51.	107.	113.

CUMULATIVE AREA = 12.07 SQ MI

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105 KK

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* B *

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MASSACRE CANYON CONFLUENCE NEAR SANDERSON AVENUE

107 HC

HYDROGRAPH COMBINATION

ICOMP 3 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION B

SUM OF 3 HYDROGRAPHS

					*						*						*					
DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1 APR 0000	1	0.	*	2 APR 0100	26	1238.	*	3 APR 0200	51	114.	*	4 APR 0300	76	2.								
1 APR 0100	2	4.	*	2 APR 0200	27	1103.	*	3 APR 0300	52	105.	*	4 APR 0400	77	2.								
1 APR 0200	3	27.	*	2 APR 0300	28	968.	*	3 APR 0400	53	97.	*	4 APR 0500	78	1.								
1 APR 0300	4	86.	*	2 APR 0400	29	838.	*	3 APR 0500	54	89.	*	4 APR 0600	79	1.								
1 APR 0400	5	177.	*	2 APR 0500	30	723.	*	3 APR 0600	55	79.	*	4 APR 0700	80	1.								
1 APR 0500	6	292.	*	2 APR 0600	31	631.	*	3 APR 0700	56	67.	*	4 APR 0800	81	0.								
1 APR 0600	7	413.	*	2 APR 0700	32	558.	*	3 APR 0800	57	58.	*	4 APR 0900	82	0.								
1 APR 0700	8	541.	*	2 APR 0800	33	499.	*	3 APR 0900	58	52.	*	4 APR 1000	83	0.								
1 APR 0800	9	679.	*	2 APR 0900	34	452.	*	3 APR 1000	59	48.	*	4 APR 1100	84	0.								

day2.out

1 APR 0900	10	844.	*	2 APR 1000	35	413.	*	3 APR 1100	60	46.	*	4 APR 1200	85	0.
1 APR 1000	11	1053.	*	2 APR 1100	36	379.	*	3 APR 1200	61	44.	*	4 APR 1300	86	0.
1 APR 1100	12	1327.	*	2 APR 1200	37	349.	*	3 APR 1300	62	42.	*	4 APR 1400	87	0.
1 APR 1200	13	1636.	*	2 APR 1300	38	322.	*	3 APR 1400	63	40.	*	4 APR 1500	88	0.
1 APR 1300	14	1930.	*	2 APR 1400	39	299.	*	3 APR 1500	64	38.	*	4 APR 1600	89	0.
1 APR 1400	15	2268.	*	2 APR 1500	40	279.	*	3 APR 1600	65	36.	*	4 APR 1700	90	0.
1 APR 1500	16	2801.	*	2 APR 1600	41	260.	*	3 APR 1700	66	33.	*	4 APR 1800	91	0.
1 APR 1600	17	3437.	*	2 APR 1700	42	242.	*	3 APR 1800	67	31.	*	4 APR 1900	92	0.
1 APR 1700	18	3831.	*	2 APR 1800	43	225.	*	3 APR 1900	68	28.	*	4 APR 2000	93	0.
1 APR 1800	19	3815.	*	2 APR 1900	44	208.	*	3 APR 2000	69	25.	*	4 APR 2100	94	0.
1 APR 1900	20	3384.	*	2 APR 2000	45	190.	*	3 APR 2100	70	22.	*	4 APR 2200	95	0.
1 APR 2000	21	2767.	*	2 APR 2100	46	173.	*	3 APR 2200	71	17.	*	4 APR 2300	96	0.
1 APR 2100	22	2198.	*	2 APR 2200	47	158.	*	3 APR 2300	72	11.	*	5 APR 0000	97	0.
1 APR 2200	23	1814.	*	2 APR 2300	48	147.	*	4 APR 0000	73	7.	*	5 APR 0100	98	0.
1 APR 2300	24	1566.	*	3 APR 0000	49	136.	*	4 APR 0100	74	4.	*	5 APR 0200	99	0.
2 APR 0000	25	1385.	*	3 APR 0100	50	125.	*	4 APR 0200	75	3.	*	5 APR 0300	100	0.
			*				*				*			

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
+	3831.	17.00				
		(CFS)	3298.	1783.	699.	508.
		(INCHES)	.105	.226	.266	.266
		(AC-FT)	1635.	3536.	4159.	4160.

CUMULATIVE AREA = 293.13 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-B/B/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-B/B/FLOW/01APR1992/1HOUR//

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 * *
 109 KK * 7 * SUBAREA 7
 * *

LAMB CANYON

113 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 15 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 45 STARTING TIME
 UHG FROM MOUNTAIN S-GRAPH

SUBBASIN RUNOFF DATA

111 BA SUBBASIN CHARACTERISTICS
 TAREA 5.64 SUBBASIN AREA

PRECIPITATION DATA

day2.out

112 PB STORM .18 BASIN TOTAL PRECIPITATION

114 PI INCREMENTAL PRECIPITATION PATTERN

.01	.01	.02	.02	.03	.03	.04	.04	.06	.08
.07	.07	.09	.14	.10	.09	.03	.02	.02	.01
.01	.01	.01	.01	.00	.00				

124 LU UNIFORM LOSS RATE

STRTL	.00	INITIAL LOSS
CNSTL	.00	UNIFORM LOSS RATE
RTIMP	.00	PERCENT IMPERVIOUS AREA

124 UI INPUT UNITGRAPH, 16 ORDINATES, VOLUME = 1.00

1530.0	793.0	373.0	234.0	161.0	119.0	99.0	82.0	65.0	52.0
42.5	23.9	15.5	15.5	15.5	15.5				

HYDROGRAPH AT STATION 7

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
								*								
								*								
								*								
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	2.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	5.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	7.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	9.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	12.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.01	.00	.01	14.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.01	.00	.01	17.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	21.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	27.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	36.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	39.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	42.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.02	.00	.02	49.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	64.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.02	.00	.02	62.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.02	.00	.02	59.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	42.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	30.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	23.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	19.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	16.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	14.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	12.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	10.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	7.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	5.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	3.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	3.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	2.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	1.	*	4	APR	0800	81	.00	.00	.00	0.

										day2.out				
2 APR 0700	32	.00	.00	.00	1.	*	4 APR 0900	82	.00	.00	.00	0.		
2 APR 0800	33	.00	.00	.00	1.	*	4 APR 1000	83	.00	.00	.00	0.		
2 APR 0900	34	.00	.00	.00	0.	*	4 APR 1100	84	.00	.00	.00	0.		
2 APR 1000	35	.00	.00	.00	0.	*	4 APR 1200	85	.00	.00	.00	0.		
2 APR 1100	36	.00	.00	.00	0.	*	4 APR 1300	86	.00	.00	.00	0.		
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.		
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.		
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.		
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.		
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.		
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.		
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.		
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.		
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.		
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.		
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.		
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.		
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.		
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.		

TOTAL RAINFALL = .18, TOTAL LOSS = .00, TOTAL EXCESS = .18

PEAK FLOW		TIME		MAXIMUM AVERAGE FLOW			
				6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)	(CFS)				
+	64.	14.00		53.	26.	9.	7.
			(INCHES)	.087	.175	.180	.180
			(AC-FT)	26.	53.	54.	54.
CUMULATIVE AREA =				5.64 SQ MI			

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 128 KK * C *
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LAMB CANYON CONFLUENCE

130 HC HYDROGRAPH COMBINATION
 ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION C
 SUM OF 2 HYDROGRAPHS

day2.out

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1	APR	0000	1	0.	*	2	APR	0100	26	1245.	*	3	APR	0200	51	114.
1	APR	0100	2	6.	*	2	APR	0200	27	1108.	*	3	APR	0300	52	105.
1	APR	0200	3	32.	*	2	APR	0300	28	971.	*	3	APR	0400	53	97.
1	APR	0300	4	93.	*	2	APR	0400	29	841.	*	3	APR	0500	54	89.
1	APR	0400	5	186.	*	2	APR	0500	30	725.	*	3	APR	0600	55	79.
1	APR	0500	6	304.	*	2	APR	0600	31	632.	*	3	APR	0700	56	67.
1	APR	0600	7	428.	*	2	APR	0700	32	559.	*	3	APR	0800	57	58.
1	APR	0700	8	558.	*	2	APR	0800	33	500.	*	3	APR	0900	58	52.
1	APR	0800	9	700.	*	2	APR	0900	34	452.	*	3	APR	1000	59	48.
1	APR	0900	10	871.	*	2	APR	1000	35	414.	*	3	APR	1100	60	46.
1	APR	1000	11	1089.	*	2	APR	1100	36	379.	*	3	APR	1200	61	44.
1	APR	1100	12	1366.	*	2	APR	1200	37	349.	*	3	APR	1300	62	42.
1	APR	1200	13	1677.	*	2	APR	1300	38	322.	*	3	APR	1400	63	40.
1	APR	1300	14	1979.	*	2	APR	1400	39	299.	*	3	APR	1500	64	38.
1	APR	1400	15	2332.	*	2	APR	1500	40	279.	*	3	APR	1600	65	36.
1	APR	1500	16	2863.	*	2	APR	1600	41	260.	*	3	APR	1700	66	33.
1	APR	1600	17	3496.	*	2	APR	1700	42	242.	*	3	APR	1800	67	31.
1	APR	1700	18	3872.	*	2	APR	1800	43	225.	*	3	APR	1900	68	28.
1	APR	1800	19	3845.	*	2	APR	1900	44	208.	*	3	APR	2000	69	25.
1	APR	1900	20	3407.	*	2	APR	2000	45	190.	*	3	APR	2100	70	22.
1	APR	2000	21	2786.	*	2	APR	2100	46	173.	*	3	APR	2200	71	17.
1	APR	2100	22	2215.	*	2	APR	2200	47	158.	*	3	APR	2300	72	11.
1	APR	2200	23	1828.	*	2	APR	2300	48	147.	*	4	APR	0000	73	7.
1	APR	2300	24	1577.	*	3	APR	0000	49	136.	*	4	APR	0100	74	4.
2	APR	0000	25	1395.	*	3	APR	0100	50	125.	*	4	APR	0200	75	3.

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
+	(CFS)	6-HR	24-HR	72-HR	99.00-HR
	(HR)				
	(CFS)				
+	3872.	17.00	3340.	1808.	708.
	(INCHES)		.104	.225	.264
	(AC-FT)		1656.	3585.	4213.
				4214.	

CUMULATIVE AREA = 298.77 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-C/C/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-C/C/FLOW/01APR1992/1HOUR//

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132 KK

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 * 8 * SUBAREA 8
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 LABORDE CANYON

136 IN

TIME DATA FOR INPUT TIME SERIES

JXMIN 15 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 45 STARTING TIME
 UHG FROM MOUNTAIN S-GRAPH

SUBBASIN RUNOFF DATA

134 BA

SUBBASIN CHARACTERISTICS

TAREA 9.73 SUBBASIN AREA

PRECIPITATION DATA

135 PB

STORM .19 BASIN TOTAL PRECIPITATION

137 PI

INCREMENTAL PRECIPITATION PATTERN

.01	.01	.02	.02	.03	.03	.04	.04	.06	.08
.07	.07	.10	.12	.10	.09	.03	.02	.02	.01
.01	.01	.01	.01	.00	.00				

147 LU

UNIFORM LOSS RATE

STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

147 UI

INPUT UNITGRAPH, 16 ORDINATES, VOLUME = 1.00

2711.0	1342.0	638.0	403.0	272.0	203.0	171.0	141.0	108.0	85.0
75.3	27.8	27.4	27.4	27.4	16.1				

HYDROGRAPH AT STATION 8

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	4.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	9.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	13.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	16.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	21.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.01	.00	.01	26.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.01	.00	.01	32.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	38.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	50.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	65.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	71.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	75.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.02	.00	.02	90.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	109.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.02	.00	.02	110.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.02	.00	.02	106.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	74.	*	3	APR	1900	68	.00	.00	.00	0.

										day2.out						
1	APR	1800	19	.00	.00	.00	53.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	41.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	34.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	28.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	24.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	21.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	18.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	12.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	8.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	6.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	4.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	3.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	2.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	1.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	1.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	1.	*	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	0.	*	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	0.	*	4	APR	1300	86	.00	.00	.00	0.
2	APR	1200	37	.00	.00	.00	0.	*	4	APR	1400	87	.00	.00	.00	0.
2	APR	1300	38	.00	.00	.00	0.	*	4	APR	1500	88	.00	.00	.00	0.
2	APR	1400	39	.00	.00	.00	0.	*	4	APR	1600	89	.00	.00	.00	0.
2	APR	1500	40	.00	.00	.00	0.	*	4	APR	1700	90	.00	.00	.00	0.
2	APR	1600	41	.00	.00	.00	0.	*	4	APR	1800	91	.00	.00	.00	0.
2	APR	1700	42	.00	.00	.00	0.	*	4	APR	1900	92	.00	.00	.00	0.
2	APR	1800	43	.00	.00	.00	0.	*	4	APR	2000	93	.00	.00	.00	0.
2	APR	1900	44	.00	.00	.00	0.	*	4	APR	2100	94	.00	.00	.00	0.
2	APR	2000	45	.00	.00	.00	0.	*	4	APR	2200	95	.00	.00	.00	0.
2	APR	2100	46	.00	.00	.00	0.	*	4	APR	2300	96	.00	.00	.00	0.
2	APR	2200	47	.00	.00	.00	0.	*	5	APR	0000	97	.00	.00	.00	0.
2	APR	2300	48	.00	.00	.00	0.	*	5	APR	0100	98	.00	.00	.00	0.
3	APR	0000	49	.00	.00	.00	0.	*	5	APR	0200	99	.00	.00	.00	0.
3	APR	0100	50	.00	.00	.00	0.	*	5	APR	0300	100	.00	.00	.00	0.
									*							

TOTAL RAINFALL = .19, TOTAL LOSS = .00, TOTAL EXCESS = .19

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	110.	15.00	94.	47.	16.	12.
		(INCHES)	.089	.181	.186	.186
		(AC-FT)	46.	94.	96.	96.

CUMULATIVE AREA = 9.73 SQ MI

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 151 KK * D *
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day2.out

LABORDE CANYON CONFLUENCE

153 HC

HYDROGRAPH COMBINATION

ICOMP

2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION D
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1	APR	0000	1	0.	*	2	APR	0100	26	1258.	*	3	APR	0200	51	114.	*	4	APR	0300	76	2.
1	APR	0100	2	10.	*	2	APR	0200	27	1116.	*	3	APR	0300	52	105.	*	4	APR	0400	77	2.
1	APR	0200	3	41.	*	2	APR	0300	28	977.	*	3	APR	0400	53	97.	*	4	APR	0500	78	1.
1	APR	0300	4	106.	*	2	APR	0400	29	845.	*	3	APR	0500	54	89.	*	4	APR	0600	79	1.
1	APR	0400	5	203.	*	2	APR	0500	30	728.	*	3	APR	0600	55	79.	*	4	APR	0700	80	1.
1	APR	0500	6	326.	*	2	APR	0600	31	634.	*	3	APR	0700	56	67.	*	4	APR	0800	81	0.
1	APR	0600	7	453.	*	2	APR	0700	32	561.	*	3	APR	0800	57	58.	*	4	APR	0900	82	0.
1	APR	0700	8	589.	*	2	APR	0800	33	501.	*	3	APR	0900	58	52.	*	4	APR	1000	83	0.
1	APR	0800	9	739.	*	2	APR	0900	34	453.	*	3	APR	1000	59	48.	*	4	APR	1100	84	0.
1	APR	0900	10	921.	*	2	APR	1000	35	414.	*	3	APR	1100	60	46.	*	4	APR	1200	85	0.
1	APR	1000	11	1154.	*	2	APR	1100	36	380.	*	3	APR	1200	61	44.	*	4	APR	1300	86	0.
1	APR	1100	12	1437.	*	2	APR	1200	37	349.	*	3	APR	1300	62	42.	*	4	APR	1400	87	0.
1	APR	1200	13	1753.	*	2	APR	1300	38	322.	*	3	APR	1400	63	40.	*	4	APR	1500	88	0.
1	APR	1300	14	2069.	*	2	APR	1400	39	299.	*	3	APR	1500	64	38.	*	4	APR	1600	89	0.
1	APR	1400	15	2441.	*	2	APR	1500	40	279.	*	3	APR	1600	65	36.	*	4	APR	1700	90	0.
1	APR	1500	16	2973.	*	2	APR	1600	41	260.	*	3	APR	1700	66	33.	*	4	APR	1800	91	0.
1	APR	1600	17	3602.	*	2	APR	1700	42	242.	*	3	APR	1800	67	31.	*	4	APR	1900	92	0.
1	APR	1700	18	3946.	*	2	APR	1800	43	225.	*	3	APR	1900	68	28.	*	4	APR	2000	93	0.
1	APR	1800	19	3897.	*	2	APR	1900	44	208.	*	3	APR	2000	69	25.	*	4	APR	2100	94	0.
1	APR	1900	20	3449.	*	2	APR	2000	45	190.	*	3	APR	2100	70	22.	*	4	APR	2200	95	0.
1	APR	2000	21	2820.	*	2	APR	2100	46	173.	*	3	APR	2200	71	17.	*	4	APR	2300	96	0.
1	APR	2100	22	2243.	*	2	APR	2200	47	158.	*	3	APR	2300	72	11.	*	5	APR	0000	97	0.
1	APR	2200	23	1852.	*	2	APR	2300	48	147.	*	4	APR	0000	73	7.	*	5	APR	0100	98	0.
1	APR	2300	24	1598.	*	3	APR	0000	49	136.	*	4	APR	0100	74	4.	*	5	APR	0200	99	0.
2	APR	0000	25	1413.	*	3	APR	0100	50	125.	*	4	APR	0200	75	3.	*	5	APR	0300	100	0.

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	3946.	17.00	3416.	1852.	724.	527.
		(INCHES)	.103	.223	.262	.262
		(AC-FT)	1694.	3673.	4309.	4310.

CUMULATIVE AREA = 308.50 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-D/D/FLOW/01MAR1992/1HOUR//
-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-D/D/FLOW/01APR1992/1HOUR//

day2.out

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155 KK * 9 * SUBAREA 9
* *

SAN JACINTO VALLEY

159 IN TIME DATA FOR INPUT TIME SERIES
JXMIN 30 TIME INTERVAL IN MINUTES
JXDATE 1APR92 STARTING DATE
JXTIME 50 STARTING TIME
UHG FROM MOUNTAIN S-GRAPH

SUBBASIN RUNOFF DATA

157 BA SUBBASIN CHARACTERISTICS
TAREA 43.98 SUBBASIN AREA

PRECIPITATION DATA

158 PB STORM .14 BASIN TOTAL PRECIPITATION

160 PI INCREMENTAL PRECIPITATION PATTERN
.01 .01 .02 .02 .03 .03 .04 .04 .06 .08
.07 .07 .10 .12 .10 .09 .02 .02 .01 .01
.01 .01 .01 .01 .00 .00

165 LU UNIFORM LOSS RATE
STRTL .00 INITIAL LOSS
CNSTL .00 UNIFORM LOSS RATE
RTIMP .00 PERCENT IMPERVIOUS AREA

165 UI INPUT UNITGRAPH, 18 ORDINATES, VOLUME = 1.00
10816.0 6517.0 3012.0 1883.0 1344.0 952.0 775.0 668.0 560.0 444.0
370.0 299.0 210.0 109.0 109.0 109.0 109.0 81.0

HYDROGRAPH AT STATION 9

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	15.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	28.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	41.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	54.	*	3	APR	0600	55	.00	.00	.00	0.

										day2.out									
1	APR	0500	6	.00	.00	.00	71.	*		3	APR	0700	56	.00	.00	.00	0.		
1	APR	0600	7	.00	.00	.00	84.	*		3	APR	0800	57	.00	.00	.00	0.		
1	APR	0700	8	.01	.00	.01	104.	*		3	APR	0900	58	.00	.00	.00	0.		
1	APR	0800	9	.01	.00	.01	127.	*		3	APR	1000	59	.00	.00	.00	0.		
1	APR	0900	10	.01	.00	.01	165.	*		3	APR	1100	60	.00	.00	.00	0.		
1	APR	1000	11	.01	.00	.01	215.	*		3	APR	1200	61	.00	.00	.00	0.		
1	APR	1100	12	.01	.00	.01	233.	*		3	APR	1300	62	.00	.00	.00	0.		
1	APR	1200	13	.01	.00	.01	248.	*		3	APR	1400	63	.00	.00	.00	0.		
1	APR	1300	14	.01	.00	.01	298.	*		3	APR	1500	64	.00	.00	.00	0.		
1	APR	1400	15	.02	.00	.02	355.	*		3	APR	1600	65	.00	.00	.00	0.		
1	APR	1500	16	.01	.00	.01	364.	*		3	APR	1700	66	.00	.00	.00	0.		
1	APR	1600	17	.01	.00	.01	350.	*		3	APR	1800	67	.00	.00	.00	0.		
1	APR	1700	18	.00	.00	.00	247.	*		3	APR	1900	68	.00	.00	.00	0.		
1	APR	1800	19	.00	.00	.00	179.	*		3	APR	2000	69	.00	.00	.00	0.		
1	APR	1900	20	.00	.00	.00	142.	*		3	APR	2100	70	.00	.00	.00	0.		
1	APR	2000	21	.00	.00	.00	117.	*		3	APR	2200	71	.00	.00	.00	0.		
1	APR	2100	22	.00	.00	.00	100.	*		3	APR	2300	72	.00	.00	.00	0.		
1	APR	2200	23	.00	.00	.00	87.	*		4	APR	0000	73	.00	.00	.00	0.		
1	APR	2300	24	.00	.00	.00	76.	*		4	APR	0100	74	.00	.00	.00	0.		
2	APR	0000	25	.00	.00	.00	66.	*		4	APR	0200	75	.00	.00	.00	0.		
2	APR	0100	26	.00	.00	.00	48.	*		4	APR	0300	76	.00	.00	.00	0.		
2	APR	0200	27	.00	.00	.00	34.	*		4	APR	0400	77	.00	.00	.00	0.		
2	APR	0300	28	.00	.00	.00	25.	*		4	APR	0500	78	.00	.00	.00	0.		
2	APR	0400	29	.00	.00	.00	18.	*		4	APR	0600	79	.00	.00	.00	0.		
2	APR	0500	30	.00	.00	.00	14.	*		4	APR	0700	80	.00	.00	.00	0.		
2	APR	0600	31	.00	.00	.00	11.	*		4	APR	0800	81	.00	.00	.00	0.		
2	APR	0700	32	.00	.00	.00	9.	*		4	APR	0900	82	.00	.00	.00	0.		
2	APR	0800	33	.00	.00	.00	6.	*		4	APR	1000	83	.00	.00	.00	0.		
2	APR	0900	34	.00	.00	.00	4.	*		4	APR	1100	84	.00	.00	.00	0.		
2	APR	1000	35	.00	.00	.00	2.	*		4	APR	1200	85	.00	.00	.00	0.		
2	APR	1100	36	.00	.00	.00	2.	*		4	APR	1300	86	.00	.00	.00	0.		
2	APR	1200	37	.00	.00	.00	1.	*		4	APR	1400	87	.00	.00	.00	0.		
2	APR	1300	38	.00	.00	.00	1.	*		4	APR	1500	88	.00	.00	.00	0.		
2	APR	1400	39	.00	.00	.00	1.	*		4	APR	1600	89	.00	.00	.00	0.		
2	APR	1500	40	.00	.00	.00	0.	*		4	APR	1700	90	.00	.00	.00	0.		
2	APR	1600	41	.00	.00	.00	0.	*		4	APR	1800	91	.00	.00	.00	0.		
2	APR	1700	42	.00	.00	.00	0.	*		4	APR	1900	92	.00	.00	.00	0.		
2	APR	1800	43	.00	.00	.00	0.	*		4	APR	2000	93	.00	.00	.00	0.		
2	APR	1900	44	.00	.00	.00	0.	*		4	APR	2100	94	.00	.00	.00	0.		
2	APR	2000	45	.00	.00	.00	0.	*		4	APR	2200	95	.00	.00	.00	0.		
2	APR	2100	46	.00	.00	.00	0.	*		4	APR	2300	96	.00	.00	.00	0.		
2	APR	2200	47	.00	.00	.00	0.	*		5	APR	0000	97	.00	.00	.00	0.		
2	APR	2300	48	.00	.00	.00	0.	*		5	APR	0100	98	.00	.00	.00	0.		
3	APR	0000	49	.00	.00	.00	0.	*		5	APR	0200	99	.00	.00	.00	0.		
3	APR	0100	50	.00	.00	.00	0.	*		5	APR	0300	100	.00	.00	.00	0.		

TOTAL RAINFALL = .14, TOTAL LOSS = .00, TOTAL EXCESS = .14

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	72-HR	99.00-HR
+	(CFS)	(HR)		24-HR		
		(CFS)				
+	364.	15.00	309.	158.	55.	40.
		(INCHES)	.065	.134	.139	.139
		(AC-FT)	153.	314.	326.	326.

day2.out

CUMULATIVE AREA = 43.98 SQ MI

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169 KK

* *
* E *
* *

BRIDGE STREET

171 HC HYDROGRAPH COMBINATION
ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION E
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1	APR	0000	1	0.	*	2	APR	0100	26	1306.	*	3	APR	0200	51	114.	*	4	APR	0300	76	2.
1	APR	0100	2	25.	*	2	APR	0200	27	1150.	*	3	APR	0300	52	105.	*	4	APR	0400	77	2.
1	APR	0200	3	69.	*	2	APR	0300	28	1002.	*	3	APR	0400	53	97.	*	4	APR	0500	78	1.
1	APR	0300	4	147.	*	2	APR	0400	29	863.	*	3	APR	0500	54	89.	*	4	APR	0600	79	1.
1	APR	0400	5	257.	*	2	APR	0500	30	742.	*	3	APR	0600	55	79.	*	4	APR	0700	80	1.
1	APR	0500	6	397.	*	2	APR	0600	31	645.	*	3	APR	0700	56	67.	*	4	APR	0800	81	0.
1	APR	0600	7	537.	*	2	APR	0700	32	569.	*	3	APR	0800	57	58.	*	4	APR	0900	82	0.
1	APR	0700	8	693.	*	2	APR	0800	33	507.	*	3	APR	0900	58	52.	*	4	APR	1000	83	0.
1	APR	0800	9	866.	*	2	APR	0900	34	457.	*	3	APR	1000	59	48.	*	4	APR	1100	84	0.
1	APR	0900	10	1087.	*	2	APR	1000	35	416.	*	3	APR	1100	60	46.	*	4	APR	1200	85	0.
1	APR	1000	11	1370.	*	2	APR	1100	36	381.	*	3	APR	1200	61	44.	*	4	APR	1300	86	0.
1	APR	1100	12	1670.	*	2	APR	1200	37	350.	*	3	APR	1300	62	42.	*	4	APR	1400	87	0.
1	APR	1200	13	2000.	*	2	APR	1300	38	323.	*	3	APR	1400	63	40.	*	4	APR	1500	88	0.
1	APR	1300	14	2367.	*	2	APR	1400	39	300.	*	3	APR	1500	64	38.	*	4	APR	1600	89	0.
1	APR	1400	15	2796.	*	2	APR	1500	40	279.	*	3	APR	1600	65	36.	*	4	APR	1700	90	0.
1	APR	1500	16	3337.	*	2	APR	1600	41	260.	*	3	APR	1700	66	33.	*	4	APR	1800	91	0.
1	APR	1600	17	3951.	*	2	APR	1700	42	242.	*	3	APR	1800	67	31.	*	4	APR	1900	92	0.
1	APR	1700	18	4194.	*	2	APR	1800	43	225.	*	3	APR	1900	68	28.	*	4	APR	2000	93	0.
1	APR	1800	19	4077.	*	2	APR	1900	44	208.	*	3	APR	2000	69	25.	*	4	APR	2100	94	0.
1	APR	1900	20	3591.	*	2	APR	2000	45	190.	*	3	APR	2100	70	22.	*	4	APR	2200	95	0.
1	APR	2000	21	2937.	*	2	APR	2100	46	173.	*	3	APR	2200	71	17.	*	4	APR	2300	96	0.
1	APR	2100	22	2343.	*	2	APR	2200	47	158.	*	3	APR	2300	72	11.	*	5	APR	0000	97	0.
1	APR	2200	23	1939.	*	2	APR	2300	48	147.	*	4	APR	0000	73	7.	*	5	APR	0100	98	0.
1	APR	2300	24	1674.	*	3	APR	0000	49	136.	*	4	APR	0100	74	4.	*	5	APR	0200	99	0.
2	APR	0000	25	1479.	*	3	APR	0100	50	125.	*	4	APR	0200	75	3.	*	5	APR	0300	100	0.

day2.out

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	4194.	17.00	3669.	2001.	779.	567.
		(INCHES)	.097	.211	.247	.247
		(AC-FT)	1820.	3969.	4635.	4636.

CUMULATIVE AREA = 352.48 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-E/E/FLOW/01MAR1992/1HOUR//
-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-E/E/FLOW/01APR1992/1HOUR//

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* *
173 KK * E-F * ROUTE
* *

ROUTE BRIDGE ST TO SPLIT(before split flow)
BASED ON SV-SQ DATA FROM HEC-RAS Updated 14Apr2010- MLA
MYSTIC LAKE FULL CONDITIONS - I.E. 1424 WSE
Time Step (Ave Travel Time = 5.09 Hours - Divide by 1.5 Vw=3.39 hr)
Because of this use NSTPS = 3 jcc 9 Feb 2010

HYDROGRAPH ROUTING DATA

179 RS	STORAGE ROUTING										
		NSTPS	3	NUMBER OF SUBREACHES							
		ITYP	STOR	TYPE OF INITIAL CONDITION							
		RSVRIC	-1.00	INITIAL CONDITION							
		X	.00	WORKING R AND D COEFFICIENT							
180 SV	STORAGE	.0	5422.0	6214.0	7192.0	8523.0	9595.0	10477.0	11979.0	15904.0	18679.0
		20011.0	21382.0	22528.0	23644.0	27656.0	31546.0				
182 SQ	DISCHARGE	0.	500.	1000.	2000.	4000.	6000.	8000.	10000.	15000.	20000.
		25000.	30000.	35000.	40000.	60000.	80000.				

HYDROGRAPH AT STATION E-F

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE
1	APR	0000	1	0.	.00	*	2	APR	1000	35	109.	393.55	*	3	APR	2000	69	321.	1159.81
1	APR	0100	2	0.	.00	*	2	APR	1100	36	118.	427.26	*	3	APR	2100	70	324.	1170.45
1	APR	0200	3	0.	.00	*	2	APR	1200	37	128.	462.96	*	3	APR	2200	71	327.	1180.56

day2.out													
1 APR 0300	4	0.	.01	*	2 APR 1300	38	138.	499.54	*	3 APR 2300	72	329.	1190.17
1 APR 0400	5	0.	.02	*	2 APR 1400	39	148.	536.12	*	4 APR 0000	73	332.	1199.26
1 APR 0500	6	0.	.04	*	2 APR 1500	40	158.	572.00	*	4 APR 0100	74	334.	1207.86
1 APR 0600	7	0.	.10	*	2 APR 1600	41	168.	606.65	*	4 APR 0200	75	336.	1215.96
1 APR 0700	8	0.	.20	*	2 APR 1700	42	177.	639.74	*	4 APR 0300	76	339.	1223.57
1 APR 0800	9	0.	.37	*	2 APR 1800	43	186.	671.20	*	4 APR 0400	77	340.	1230.70
1 APR 0900	10	0.	.64	*	2 APR 1900	44	194.	701.09	*	4 APR 0500	78	342.	1237.36
1 APR 1000	11	0.	1.04	*	2 APR 2000	45	202.	729.49	*	4 APR 0600	79	344.	1243.55
1 APR 1100	12	0.	1.62	*	2 APR 2100	46	209.	756.50	*	4 APR 0700	80	346.	1249.28
1 APR 1200	13	1.	2.41	*	2 APR 2200	47	216.	782.15	*	4 APR 0800	81	347.	1254.56
1 APR 1300	14	1.	3.50	*	2 APR 2300	48	223.	806.52	*	4 APR 0900	82	348.	1259.40
1 APR 1400	15	1.	4.94	*	3 APR 0000	49	230.	829.65	*	4 APR 1000	83	350.	1263.80
1 APR 1500	16	2.	6.82	*	3 APR 0100	50	236.	851.80	*	4 APR 1100	84	351.	1267.77
1 APR 1600	17	3.	9.24	*	3 APR 0200	51	242.	873.27	*	4 APR 1200	85	352.	1271.32
1 APR 1700	18	3.	12.30	*	3 APR 0300	52	247.	894.13	*	4 APR 1300	86	353.	1274.45
1 APR 1800	19	5.	16.32	*	3 APR 0400	53	253.	914.39	*	4 APR 1400	87	353.	1277.18
1 APR 1900	20	6.	22.04	*	3 APR 0500	54	258.	934.06	*	4 APR 1500	88	354.	1279.51
1 APR 2000	21	8.	30.34	*	3 APR 0600	55	264.	953.14	*	4 APR 1600	89	355.	1281.45
1 APR 2100	22	12.	41.84	*	3 APR 0700	56	269.	971.62	*	4 APR 1700	90	355.	1283.02
1 APR 2200	23	16.	56.75	*	3 APR 0800	57	274.	989.51	*	4 APR 1800	91	355.	1284.20
1 APR 2300	24	21.	74.92	*	3 APR 0900	58	279.	1006.82	*	4 APR 1900	92	356.	1285.03
2 APR 0000	25	27.	96.03	*	3 APR 1000	59	283.	1023.55	*	4 APR 2000	93	356.	1285.49
2 APR 0100	26	33.	119.73	*	3 APR 1100	60	288.	1039.70	*	4 APR 2100	94	356.	1285.61
2 APR 0200	27	40.	145.64	*	3 APR 1200	61	292.	1055.28	*	4 APR 2200	95	356.	1285.39
2 APR 0300	28	48.	173.42	*	3 APR 1300	62	296.	1070.29	*	4 APR 2300	96	355.	1284.83
2 APR 0400	29	56.	202.72	*	3 APR 1400	63	300.	1084.73	*	5 APR 0000	97	355.	1283.95
2 APR 0500	30	65.	233.21	*	3 APR 1500	64	304.	1098.61	*	5 APR 0100	98	355.	1282.75
2 APR 0600	31	73.	264.56	*	3 APR 1600	65	308.	1111.94	*	5 APR 0200	99	354.	1281.24
2 APR 0700	32	82.	296.49	*	3 APR 1700	66	311.	1124.72	*	5 APR 0300	100	354.	1279.44
2 APR 0800	33	91.	328.74	*	3 APR 1800	67	315.	1136.95	*				
2 APR 0900	34	100.	361.14	*	3 APR 1900	68	318.	1148.65	*				

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW			
		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)				
+	356.	93.00			
		(CFS)			
		(INCHES)			
		(AC-FT)			

PEAK STORAGE	TIME	MAXIMUM AVERAGE STORAGE			
		6-HR	24-HR	72-HR	99.00-HR
+	(AC-FT)				
+	1286.	93.00			

CUMULATIVE AREA = 352.48 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE E-F/E-F/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE E-F/E-F/FLOW/01APR1992/1HOUR//

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*
185 KK      10      *   SUBAREA 10
*
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JACK RABBIT

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189 IN      TIME DATA FOR INPUT TIME SERIES
              JXMIN      15   TIME INTERVAL IN MINUTES
              JXDATE     1APR92 STARTING DATE
              JXTIME     35   STARTING TIME
              UHG FROM MOUNTAIN S-GRAPH

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SUBBASIN RUNOFF DATA

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187 BA      SUBBASIN CHARACTERISTICS
              TAREA      17.90 SUBBASIN AREA

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PRECIPITATION DATA

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188 PB      STORM      .15   BASIN TOTAL PRECIPITATION

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190 PI      INCREMENTAL PRECIPITATION PATTERN
              .01      .01      .02      .02      .02      .03      .03      .04      .06      .07
              .07      .08      .09      .12      .10      .10      .04      .02      .02      .01
              .01      .01      .01      .01      .00      .00

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200 LU      UNIFORM LOSS RATE
              STRTL      .00   INITIAL LOSS
              CNSTL      .00   UNIFORM LOSS RATE
              RTIMP      .00   PERCENT IMPERVIOUS AREA

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200 UI      INPUT UNITGRAPH, 16 ORDINATES, VOLUME = 1.00
              5106.0    2427.0    1164.0    741.0    490.0    371.0    315.0    253.0    196.0    148.0
              118.0     52.0     52.0     52.0     52.0     10.0

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HYDROGRAPH AT STATION 10

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	4.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	12.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	17.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	23.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	30.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	36.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.01	.00	.01	44.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	54.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	70.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	91.	*	3	APR	1200	61	.00	.00	.00	0.

							day2.out							
1 APR 1100	12	.01	.00	.01	101.	*	3 APR 1300	62	.00	.00	.00	0.		
1 APR 1200	13	.01	.00	.01	110.	*	3 APR 1400	63	.00	.00	.00	0.		
1 APR 1300	14	.01	.00	.01	125.	*	3 APR 1500	64	.00	.00	.00	0.		
1 APR 1400	15	.02	.00	.02	158.	*	3 APR 1600	65	.00	.00	.00	0.		
1 APR 1500	16	.01	.00	.01	158.	*	3 APR 1700	66	.00	.00	.00	0.		
1 APR 1600	17	.01	.00	.01	155.	*	3 APR 1800	67	.00	.00	.00	0.		
1 APR 1700	18	.01	.00	.01	115.	*	3 APR 1900	68	.00	.00	.00	0.		
1 APR 1800	19	.00	.00	.00	79.	*	3 APR 2000	69	.00	.00	.00	0.		
1 APR 1900	20	.00	.00	.00	62.	*	3 APR 2100	70	.00	.00	.00	0.		
1 APR 2000	21	.00	.00	.00	50.	*	3 APR 2200	71	.00	.00	.00	0.		
1 APR 2100	22	.00	.00	.00	41.	*	3 APR 2300	72	.00	.00	.00	0.		
1 APR 2200	23	.00	.00	.00	35.	*	4 APR 0000	73	.00	.00	.00	0.		
1 APR 2300	24	.00	.00	.00	31.	*	4 APR 0100	74	.00	.00	.00	0.		
2 APR 0000	25	.00	.00	.00	26.	*	4 APR 0200	75	.00	.00	.00	0.		
2 APR 0100	26	.00	.00	.00	19.	*	4 APR 0300	76	.00	.00	.00	0.		
2 APR 0200	27	.00	.00	.00	12.	*	4 APR 0400	77	.00	.00	.00	0.		
2 APR 0300	28	.00	.00	.00	8.	*	4 APR 0500	78	.00	.00	.00	0.		
2 APR 0400	29	.00	.00	.00	6.	*	4 APR 0600	79	.00	.00	.00	0.		
2 APR 0500	30	.00	.00	.00	4.	*	4 APR 0700	80	.00	.00	.00	0.		
2 APR 0600	31	.00	.00	.00	3.	*	4 APR 0800	81	.00	.00	.00	0.		
2 APR 0700	32	.00	.00	.00	2.	*	4 APR 0900	82	.00	.00	.00	0.		
2 APR 0800	33	.00	.00	.00	1.	*	4 APR 1000	83	.00	.00	.00	0.		
2 APR 0900	34	.00	.00	.00	1.	*	4 APR 1100	84	.00	.00	.00	0.		
2 APR 1000	35	.00	.00	.00	1.	*	4 APR 1200	85	.00	.00	.00	0.		
2 APR 1100	36	.00	.00	.00	0.	*	4 APR 1300	86	.00	.00	.00	0.		
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.		
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.		
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.		
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.		
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.		
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.		
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.		
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.		
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.		
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.		
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.		
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.		
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.		
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.		

TOTAL RAINFALL = .15, TOTAL LOSS = .00, TOTAL EXCESS = .15

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	158.	14.00	136.	68.	23.	17.
		(INCHES)	.070	.142	.146	.146
		(AC-FT)	67.	136.	139.	139.

CUMULATIVE AREA = 17.90 SQ MI

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 * *
 204 KK 11 * SUBAREA 11
 * *

BADLANDS

208 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 15 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 30 STARTING TIME
 UHG FROM MOUNTAIN S-GRAPH

SUBBASIN RUNOFF DATA

206 BA SUBBASIN CHARACTERISTICS
 TAREA 18.10 SUBBASIN AREA

PRECIPITATION DATA

207 PB STORM .12 BASIN TOTAL PRECIPITATION

209 PI INCREMENTAL PRECIPITATION PATTERN
 .00 .01 .02 .02 .02 .03 .03 .04 .05 .07
 .07 .08 .09 .12 .10 .10 .05 .02 .02 .01
 .01 .01 .01 .01 .00 .00

219 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

219 UI INPUT UNITGRAPH, 15 ORDINATES, VOLUME = 1.00
 5318.0 2417.0 1164.0 735.0 482.0 381.0 309.0 246.0 192.0 149.0
 85.6 54.3 54.3 54.3 34.1

HYDROGRAPH AT STATION 11

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	3.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	10.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	15.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	20.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	25.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	31.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	38.	*	3	APR	0900	58	.00	.00	.00	0.

						day2.out						
1 APR 0800	9	.01	.00	.01	46.	*	3 APR 1000	59	.00	.00	.00	0.
1 APR 0900	10	.01	.00	.01	59.	*	3 APR 1100	60	.00	.00	.00	0.
1 APR 1000	11	.01	.00	.01	77.	*	3 APR 1200	61	.00	.00	.00	0.
1 APR 1100	12	.01	.00	.01	87.	*	3 APR 1300	62	.00	.00	.00	0.
1 APR 1200	13	.01	.00	.01	96.	*	3 APR 1400	63	.00	.00	.00	0.
1 APR 1300	14	.01	.00	.01	106.	*	3 APR 1500	64	.00	.00	.00	0.
1 APR 1400	15	.02	.00	.02	137.	*	3 APR 1600	65	.00	.00	.00	0.
1 APR 1500	16	.01	.00	.01	135.	*	3 APR 1700	66	.00	.00	.00	0.
1 APR 1600	17	.01	.00	.01	135.	*	3 APR 1800	67	.00	.00	.00	0.
1 APR 1700	18	.01	.00	.01	102.	*	3 APR 1900	68	.00	.00	.00	0.
1 APR 1800	19	.00	.00	.00	68.	*	3 APR 2000	69	.00	.00	.00	0.
1 APR 1900	20	.00	.00	.00	54.	*	3 APR 2100	70	.00	.00	.00	0.
1 APR 2000	21	.00	.00	.00	42.	*	3 APR 2200	71	.00	.00	.00	0.
1 APR 2100	22	.00	.00	.00	35.	*	3 APR 2300	72	.00	.00	.00	0.
1 APR 2200	23	.00	.00	.00	30.	*	4 APR 0000	73	.00	.00	.00	0.
1 APR 2300	24	.00	.00	.00	26.	*	4 APR 0100	74	.00	.00	.00	0.
2 APR 0000	25	.00	.00	.00	22.	*	4 APR 0200	75	.00	.00	.00	0.
2 APR 0100	26	.00	.00	.00	16.	*	4 APR 0300	76	.00	.00	.00	0.
2 APR 0200	27	.00	.00	.00	10.	*	4 APR 0400	77	.00	.00	.00	0.
2 APR 0300	28	.00	.00	.00	7.	*	4 APR 0500	78	.00	.00	.00	0.
2 APR 0400	29	.00	.00	.00	5.	*	4 APR 0600	79	.00	.00	.00	0.
2 APR 0500	30	.00	.00	.00	3.	*	4 APR 0700	80	.00	.00	.00	0.
2 APR 0600	31	.00	.00	.00	2.	*	4 APR 0800	81	.00	.00	.00	0.
2 APR 0700	32	.00	.00	.00	1.	*	4 APR 0900	82	.00	.00	.00	0.
2 APR 0800	33	.00	.00	.00	1.	*	4 APR 1000	83	.00	.00	.00	0.
2 APR 0900	34	.00	.00	.00	1.	*	4 APR 1100	84	.00	.00	.00	0.
2 APR 1000	35	.00	.00	.00	0.	*	4 APR 1200	85	.00	.00	.00	0.
2 APR 1100	36	.00	.00	.00	0.	*	4 APR 1300	86	.00	.00	.00	0.
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.

TOTAL RAINFALL = .12, TOTAL LOSS = .00, TOTAL EXCESS = .12

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW 24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	137.	14.00	117.	59.	20.	15.
		(INCHES)	.060	.121	.124	.124
		(AC-FT)	58.	117.	120.	120.

CUMULATIVE AREA = 18.10 SQ MI

day2.out

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223 KK *****
* *
* F *
* *

SPLIT

225 HC HYDROGRAPH COMBINATION
ICOMP 3 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION F
SUM OF 3 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1	APR	0000	1	0.	*	2	APR	0100	26	68.	*	3	APR	0200	51	242.	*	4	APR	0300	76	339.	*
1	APR	0100	2	8.	*	2	APR	0200	27	62.	*	3	APR	0300	52	247.	*	4	APR	0400	77	340.	*
1	APR	0200	3	22.	*	2	APR	0300	28	63.	*	3	APR	0400	53	253.	*	4	APR	0500	78	342.	*
1	APR	0300	4	32.	*	2	APR	0400	29	67.	*	3	APR	0500	54	258.	*	4	APR	0600	79	344.	*
1	APR	0400	5	43.	*	2	APR	0500	30	72.	*	3	APR	0600	55	264.	*	4	APR	0700	80	346.	*
1	APR	0500	6	55.	*	2	APR	0600	31	79.	*	3	APR	0700	56	269.	*	4	APR	0800	81	347.	*
1	APR	0600	7	67.	*	2	APR	0700	32	85.	*	3	APR	0800	57	274.	*	4	APR	0900	82	348.	*
1	APR	0700	8	82.	*	2	APR	0800	33	93.	*	3	APR	0900	58	279.	*	4	APR	1000	83	350.	*
1	APR	0800	9	100.	*	2	APR	0900	34	101.	*	3	APR	1000	59	283.	*	4	APR	1100	84	351.	*
1	APR	0900	10	130.	*	2	APR	1000	35	110.	*	3	APR	1100	60	288.	*	4	APR	1200	85	352.	*
1	APR	1000	11	169.	*	2	APR	1100	36	119.	*	3	APR	1200	61	292.	*	4	APR	1300	86	353.	*
1	APR	1100	12	188.	*	2	APR	1200	37	129.	*	3	APR	1300	62	296.	*	4	APR	1400	87	353.	*
1	APR	1200	13	206.	*	2	APR	1300	38	138.	*	3	APR	1400	63	300.	*	4	APR	1500	88	354.	*
1	APR	1300	14	232.	*	2	APR	1400	39	148.	*	3	APR	1500	64	304.	*	4	APR	1600	89	355.	*
1	APR	1400	15	297.	*	2	APR	1500	40	158.	*	3	APR	1600	65	308.	*	4	APR	1700	90	355.	*
1	APR	1500	16	295.	*	2	APR	1600	41	168.	*	3	APR	1700	66	311.	*	4	APR	1800	91	355.	*
1	APR	1600	17	293.	*	2	APR	1700	42	177.	*	3	APR	1800	67	315.	*	4	APR	1900	92	356.	*
1	APR	1700	18	221.	*	2	APR	1800	43	186.	*	3	APR	1900	68	318.	*	4	APR	2000	93	356.	*
1	APR	1800	19	151.	*	2	APR	1900	44	194.	*	3	APR	2000	69	321.	*	4	APR	2100	94	356.	*
1	APR	1900	20	121.	*	2	APR	2000	45	202.	*	3	APR	2100	70	324.	*	4	APR	2200	95	356.	*
1	APR	2000	21	100.	*	2	APR	2100	46	209.	*	3	APR	2200	71	327.	*	4	APR	2300	96	355.	*
1	APR	2100	22	88.	*	2	APR	2200	47	216.	*	3	APR	2300	72	329.	*	5	APR	0000	97	355.	*
1	APR	2200	23	81.	*	2	APR	2300	48	223.	*	4	APR	0000	73	332.	*	5	APR	0100	98	355.	*
1	APR	2300	24	77.	*	3	APR	0000	49	230.	*	4	APR	0100	74	334.	*	5	APR	0200	99	354.	*
2	APR	0000	25	74.	*	3	APR	0100	50	236.	*	4	APR	0200	75	336.	*	5	APR	0300	100	354.	*

PEAK FLOW TIME
6-HR 24-HR 72-HR 99.00-HR
Page 48

day2.out

+	(CFS)	(HR)		(CFS)			
+	356.	93.00		356.	351.	269.	229.
			(INCHES)	.009	.034	.077	.090
			(AC-FT)	176.	697.	1601.	1874.

CUMULATIVE AREA = 388.48 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-F/F/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-F/F/FLOW/01APR1992/1HOUR//

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 * *
 227 KK * F-F1 * ROUTE
 * *

ROUTE FROM SPLIT TO DAVIST ST(flows confluence)
 BASED ON SV-SQ DATA FROM HEC-RAS Updated 14Apr2010- MLA
 MYSTIC LAKE FULL CONDITIONS - I.E. 1424 WSE
 Time Step (Ave Travel Time = 1.21 Hours - Divide by 1.5 Vw=0.85hr)
 Because of this use NSTPS = 1 jcc 9 Feb 2010

HYDROGRAPH ROUTING DATA

233 RS	STORAGE ROUTING										
	NSTPS	1	NUMBER OF SUBREACHES								
	ITYP	STOR	TYPE OF INITIAL CONDITION								
	RSVRIC	-1.00	INITIAL CONDITION								
	X	.00	WORKING R AND D COEFFICIENT								
234 SV	STORAGE	.0	323.0	477.0	756.0	1089.0	1399.0	1769.0	2396.0	3861.0	4797.0
		5197.0	5620.0	5974.0	6312.0	7535.0	8774.0				
236 SQ	DISCHARGE	0.	500.	1000.	2000.	4000.	6000.	8000.	10000.	15000.	20000.
		25000.	30000.	35000.	40000.	60000.	80000.				

HYDROGRAPH AT STATION F-F1

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE
1	APR	0000	1	0.	.00	*	2	APR	1000	35	96.	62.21	*	3	APR	2000	69	288.	186.14
1	APR	0100	2	0.	.30	*	2	APR	1100	36	98.	63.61	*	3	APR	2100	70	292.	188.80
1	APR	0200	3	2.	1.42	*	2	APR	1200	37	101.	65.57	*	3	APR	2200	71	296.	191.36
1	APR	0300	4	5.	3.33	*	2	APR	1300	38	105.	68.05	*	3	APR	2300	72	300.	193.82
1	APR	0400	5	9.	5.85	*	2	APR	1400	39	110.	71.02	*	4	APR	0000	73	304.	196.19
1	APR	0500	6	14.	8.98	*	2	APR	1500	40	115.	74.39	*	4	APR	0100	74	307.	198.46

day2.out													
1 APR 0600	7	20.	12.67	*	2 APR 1600	41	121.	78.11	*	4 APR 0200	75	311.	200.64
1 APR 0700	8	26.	16.94	*	2 APR 1700	42	127.	82.11	*	4 APR 0300	76	314.	202.73
1 APR 0800	9	34.	21.98	*	2 APR 1800	43	134.	86.33	*	4 APR 0400	77	317.	204.72
1 APR 0900	10	44.	28.26	*	2 APR 1900	44	140.	90.69	*	4 APR 0500	78	320.	206.62
1 APR 1000	11	56.	36.45	*	2 APR 2000	45	147.	95.16	*	4 APR 0600	79	323.	208.44
1 APR 1100	12	71.	45.94	*	2 APR 2100	46	154.	99.68	*	4 APR 0700	80	325.	210.16
1 APR 1200	13	86.	55.74	*	2 APR 2200	47	161.	104.23	*	4 APR 0800	81	328.	211.79
1 APR 1300	14	102.	66.05	*	2 APR 2300	48	168.	108.76	*	4 APR 0900	82	330.	213.34
1 APR 1400	15	122.	78.63	*	3 APR 0000	49	175.	113.27	*	4 APR 1000	83	332.	214.79
1 APR 1500	16	143.	92.14	*	3 APR 0100	50	182.	117.71	*	4 APR 1100	84	335.	216.17
1 APR 1600	17	161.	103.89	*	3 APR 0200	51	189.	122.09	*	4 APR 1200	85	337.	217.46
1 APR 1700	18	172.	111.34	*	3 APR 0300	52	196.	126.40	*	4 APR 1300	86	338.	218.66
1 APR 1800	19	174.	112.40	*	3 APR 0400	53	202.	130.64	*	4 APR 1400	87	340.	219.79
1 APR 1900	20	169.	109.48	*	3 APR 0500	54	209.	134.79	*	4 APR 1500	88	342.	220.83
1 APR 2000	21	162.	104.92	*	3 APR 0600	55	215.	138.86	*	4 APR 1600	89	343.	221.79
1 APR 2100	22	154.	99.63	*	3 APR 0700	56	221.	142.84	*	4 APR 1700	90	345.	222.68
1 APR 2200	23	146.	94.22	*	3 APR 0800	57	227.	146.74	*	4 APR 1800	91	346.	223.49
1 APR 2300	24	138.	89.05	*	3 APR 0900	58	233.	150.54	*	4 APR 1900	92	347.	224.22
2 APR 0000	25	130.	84.23	*	3 APR 1000	59	239.	154.26	*	4 APR 2000	93	348.	224.88
2 APR 0100	26	123.	79.60	*	3 APR 1100	60	244.	157.88	*	4 APR 2100	94	349.	225.46
2 APR 0200	27	116.	75.09	*	3 APR 1200	61	250.	161.41	*	4 APR 2200	95	350.	225.98
2 APR 0300	28	110.	70.94	*	3 APR 1300	62	255.	164.84	*	4 APR 2300	96	350.	226.42
2 APR 0400	29	104.	67.48	*	3 APR 1400	63	260.	168.17	*	5 APR 0000	97	351.	226.80
2 APR 0500	30	100.	64.79	*	3 APR 1500	64	265.	171.41	*	5 APR 0100	98	352.	227.10
2 APR 0600	31	97.	62.86	*	3 APR 1600	65	270.	174.55	*	5 APR 0200	99	352.	227.35
2 APR 0700	32	95.	61.67	*	3 APR 1700	66	275.	177.59	*	5 APR 0300	100	352.	227.52
2 APR 0800	33	95.	61.19	*	3 APR 1800	67	279.	180.54	*				
2 APR 0900	34	95.	61.38	*	3 APR 1900	68	284.	183.39	*				

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	352.	99.00	351.	339.	243.	201.
		(INCHES)	.008	.032	.070	.079
		(AC-FT)	174.	672.	1445.	1646.

PEAK STORAGE	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(AC-FT)	(HR)				
	228.	99.00	227.	219.	157.	130.

CUMULATIVE AREA = 388.48 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE F-F1/F-F1/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE F-F1/F-F1/FLOW/01APR1992/1HOUR//

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 * *
 239 KK * F1-G * ROUTE

day2.out

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ROUTE DAVIS ST TO RAMONA EXPRESSWAY
BASED ON SV-SQ DATA FROM HEC-RAS Updated 14Apr2010- MLA
Time Step (Ave Travel Time = 1.93 Hours - Divide by 1.5 Vw=1.29hr)
Because of this use NSTPS = 1 jcc 9 Feb 2010

HYDROGRAPH ROUTING DATA

244 RS	STORAGE ROUTING										
	NSTPS	1	NUMBER OF SUBREACHES								
	ITYP	STOR	TYPE OF INITIAL CONDITION								
	RSVRIC	-1.00	INITIAL CONDITION								
	X	.00	WORKING R AND D COEFFICIENT								
245 SV	STORAGE	.0	264.0	420.0	750.0	1477.0	2316.0	3171.0	4009.0	5337.0	6072.0
		6339.0	6631.0	6869.0	7092.0	7863.0	8661.0				
247 SQ	DISCHARGE	0.	500.	1000.	2000.	4000.	6000.	8000.	10000.	15000.	20000.
		25000.	30000.	35000.	40000.	60000.	80000.				

*** WARNING *** MODIFIED PULS ROUTING MAY BE NUMERICALLY UNSTABLE FOR OUTFLOWS BETWEEN 40000. TO 80000.
THE ROUTED HYDROGRAPH SHOULD BE EXAMINED FOR OSCILLATIONS OR OUTFLOWS GREATER THAN PEAK INFLOWS.
THIS CAN BE CORRECTED BY DECREASING THE TIME INTERVAL OR INCREASING STORAGE (USE A LONGER REACH.)

HYDROGRAPH AT STATION F1-G

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE
1	APR	0000	1	0.	.00	*	2	APR	1000	35	107.	56.65	*	3	APR	2000	69	256.	135.21
1	APR	0100	2	0.	.02	*	2	APR	1100	36	106.	55.89	*	3	APR	2100	70	261.	137.83
1	APR	0200	3	0.	.12	*	2	APR	1200	37	105.	55.44	*	3	APR	2200	71	266.	140.37
1	APR	0300	4	1.	.38	*	2	APR	1300	38	105.	55.32	*	3	APR	2300	72	271.	142.84
1	APR	0400	5	2.	.87	*	2	APR	1400	39	105.	55.54	*	4	APR	0000	73	275.	145.25
1	APR	0500	6	3.	1.62	*	2	APR	1500	40	106.	56.10	*	4	APR	0100	74	279.	147.57
1	APR	0600	7	5.	2.67	*	2	APR	1600	41	108.	57.01	*	4	APR	0200	75	284.	149.83
1	APR	0700	8	8.	4.04	*	2	APR	1700	42	110.	58.24	*	4	APR	0300	76	288.	152.01
1	APR	0800	9	11.	5.76	*	2	APR	1800	43	113.	59.78	*	4	APR	0400	77	292.	154.11
1	APR	0900	10	15.	7.91	*	2	APR	1900	44	117.	61.60	*	4	APR	0500	78	296.	156.14
1	APR	1000	11	20.	10.60	*	2	APR	2000	45	121.	63.68	*	4	APR	0600	79	299.	158.10
1	APR	1100	12	26.	13.95	*	2	APR	2100	46	125.	66.00	*	4	APR	0700	80	303.	159.98
1	APR	1200	13	34.	17.96	*	2	APR	2200	47	130.	68.51	*	4	APR	0800	81	306.	161.79
1	APR	1300	14	43.	22.57	*	2	APR	2300	48	135.	71.20	*	4	APR	0900	82	310.	163.52
1	APR	1400	15	53.	27.88	*	3	APR	0000	49	140.	74.04	*	4	APR	1000	83	313.	165.18
1	APR	1500	16	64.	33.96	*	3	APR	0100	50	146.	76.99	*	4	APR	1100	84	316.	166.77
1	APR	1600	17	77.	40.66	*	3	APR	0200	51	152.	80.04	*	4	APR	1200	85	319.	168.29
1	APR	1700	18	90.	47.53	*	3	APR	0300	52	158.	83.17	*	4	APR	1300	86	321.	169.73
1	APR	1800	19	102.	53.90	*	3	APR	0400	53	164.	86.34	*	4	APR	1400	87	324.	171.10
1	APR	1900	20	112.	59.24	*	3	APR	0500	54	170.	89.55	*	4	APR	1500	88	327.	172.40
1	APR	2000	21	120.	63.36	*	3	APR	0600	55	176.	92.79	*	4	APR	1600	89	329.	173.63
1	APR	2100	22	126.	66.30	*	3	APR	0700	56	182.	96.03	*	4	APR	1700	90	331.	174.80

day2.out

1 APR 2200	23	129.	68.17	*	3 APR 0800	57	188.	99.27	*	4 APR 1800	91	333.	175.89
1 APR 2300	24	131.	69.15	*	3 APR 0900	58	194.	102.49	*	4 APR 1900	92	335.	176.92
2 APR 0000	25	131.	69.39	*	3 APR 1000	59	200.	105.70	*	4 APR 2000	93	337.	177.88
2 APR 0100	26	131.	69.04	*	3 APR 1100	60	206.	108.87	*	4 APR 2100	94	339.	178.77
2 APR 0200	27	129.	68.19	*	3 APR 1200	61	212.	112.01	*	4 APR 2200	95	340.	179.60
2 APR 0300	28	127.	66.96	*	3 APR 1300	62	218.	115.10	*	4 APR 2300	96	342.	180.37
2 APR 0400	29	124.	65.45	*	3 APR 1400	63	224.	118.15	*	5 APR 0000	97	343.	181.07
2 APR 0500	30	121.	63.79	*	3 APR 1500	64	229.	121.14	*	5 APR 0100	98	344.	181.71
2 APR 0600	31	118.	62.11	*	3 APR 1600	65	235.	124.08	*	5 APR 0200	99	345.	182.30
2 APR 0700	32	115.	60.48	*	3 APR 1700	66	240.	126.96	*	5 APR 0300	100	346.	182.82
2 APR 0800	33	112.	58.99	*	3 APR 1800	67	246.	129.78	*				
2 APR 0900	34	109.	57.70	*	3 APR 1900	68	251.	132.53	*				

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
+	346.	99.00				
		(CFS)				
		(INCHES)				
		(AC-FT)				
			343.	323.	223.	179.
			.008	.031	.064	.071
			170.	641.	1329.	1463.

PEAK STORAGE	TIME		MAXIMUM AVERAGE STORAGE			
			6-HR	24-HR	72-HR	99.00-HR
+	(AC-FT)	(HR)				
+	183.	99.00				
			181.	171.	118.	94.

CUMULATIVE AREA = 388.48 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE F-G/F-G/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE F-G/F-G/FLOW/01APR1992/1HOUR//

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 * *
 250 KK * 12A * LAKEVIEW SUB-AREA (30% FOOTHILL)
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COMBINE LAKEVIEW SUB-AREA AT THE U/S OF RAMONA EXPWY PER CDJ.

254 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 15 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 30 STARTING TIME
 UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH

SUBBASIN RUNOFF DATA

252 BA SUBBASIN CHARACTERISTICS
 TAREA 12.26 SUBBASIN AREA
 SNAP .00 NORMAL ANNUAL PRECIPITATION
 RATIO .30 RATIO OF HYDROGRAPH

PRECIPITATION DATA

253 PB STORM .12 BASIN TOTAL PRECIPITATION

255 PI INCREMENTAL PRECIPITATION PATTERN

.00	.01	.02	.02	.02	.03	.03	.04	.05	.07
.07	.08	.09	.12	.10	.10	.05	.02	.02	.01
.01	.01	.01	.01	.00	.00				

265 LU UNIFORM LOSS RATE

STRTL	.00	INITIAL LOSS
CNSTL	.00	UNIFORM LOSS RATE
RTIMP	.00	PERCENT IMPERVIOUS AREA

265 UI INPUT UNITGRAPH, 6 ORDINATES, VOLUME = 1.00

5203.0	1918.0	587.0	104.0	72.0	24.0
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HYDROGRAPH AT STATION 12A

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
								*								
								*								
								*								
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	3.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	10.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	13.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	17.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	22.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	26.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	31.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	37.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	48.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	63.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	69.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	74.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	81.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	109.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	102.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	98.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	63.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	31.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	21.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	15.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	12.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	10.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	10.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	9.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	5.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	2.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	1.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	0.	*	4	APR	0600	79	.00	.00	.00	0.

								day2.out								
2 APR 0500	30	.00	.00	.00	0.	*	4 APR 0700	80	.00	.00	.00	0.				
2 APR 0600	31	.00	.00	.00	0.	*	4 APR 0800	81	.00	.00	.00	0.				
2 APR 0700	32	.00	.00	.00	0.	*	4 APR 0900	82	.00	.00	.00	0.				
2 APR 0800	33	.00	.00	.00	0.	*	4 APR 1000	83	.00	.00	.00	0.				
2 APR 0900	34	.00	.00	.00	0.	*	4 APR 1100	84	.00	.00	.00	0.				
2 APR 1000	35	.00	.00	.00	0.	*	4 APR 1200	85	.00	.00	.00	0.				
2 APR 1100	36	.00	.00	.00	0.	*	4 APR 1300	86	.00	.00	.00	0.				
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.				
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.				
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.				
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.				
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.				
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.				
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.				
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.				
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.				
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.				
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.				
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.				
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.				
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.				
						*										

TOTAL RAINFALL = .12, TOTAL LOSS = .00, TOTAL EXCESS = .12

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW		
(CFS)	(HR)	(CFS)		24-HR	72-HR	99.00-HR
+	109.	14.00	88.	41.	14.	10.
		(INCHES)	.067	.123	.124	.124
		(AC-FT)	44.	80.	81.	81.

CUMULATIVE AREA = 12.26 SQ MI

HYDROGRAPH MULTIPLIED BY .30

HYDROGRAPH AT STATION 12A

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1 APR 0000	1	0.	*	2 APR 0100	26	2.	*	3 APR 0200	51	0.	*	4 APR 0300	76	0.	*								
1 APR 0100	2	1.	*	2 APR 0200	27	1.	*	3 APR 0300	52	0.	*	4 APR 0400	77	0.	*								
1 APR 0200	3	3.	*	2 APR 0300	28	0.	*	3 APR 0400	53	0.	*	4 APR 0500	78	0.	*								
1 APR 0300	4	4.	*	2 APR 0400	29	0.	*	3 APR 0500	54	0.	*	4 APR 0600	79	0.	*								
1 APR 0400	5	5.	*	2 APR 0500	30	0.	*	3 APR 0600	55	0.	*	4 APR 0700	80	0.	*								
1 APR 0500	6	6.	*	2 APR 0600	31	0.	*	3 APR 0700	56	0.	*	4 APR 0800	81	0.	*								
1 APR 0600	7	8.	*	2 APR 0700	32	0.	*	3 APR 0800	57	0.	*	4 APR 0900	82	0.	*								
1 APR 0700	8	9.	*	2 APR 0800	33	0.	*	3 APR 0900	58	0.	*	4 APR 1000	83	0.	*								
1 APR 0800	9	11.	*	2 APR 0900	34	0.	*	3 APR 1000	59	0.	*	4 APR 1100	84	0.	*								
1 APR 0900	10	15.	*	2 APR 1000	35	0.	*	3 APR 1100	60	0.	*	4 APR 1200	85	0.	*								

day2.out														
1 APR 1000	11	19.	*	2 APR 1100	36	0.	*	3 APR 1200	61	0.	*	4 APR 1300	86	0.
1 APR 1100	12	21.	*	2 APR 1200	37	0.	*	3 APR 1300	62	0.	*	4 APR 1400	87	0.
1 APR 1200	13	22.	*	2 APR 1300	38	0.	*	3 APR 1400	63	0.	*	4 APR 1500	88	0.
1 APR 1300	14	24.	*	2 APR 1400	39	0.	*	3 APR 1500	64	0.	*	4 APR 1600	89	0.
1 APR 1400	15	33.	*	2 APR 1500	40	0.	*	3 APR 1600	65	0.	*	4 APR 1700	90	0.
1 APR 1500	16	31.	*	2 APR 1600	41	0.	*	3 APR 1700	66	0.	*	4 APR 1800	91	0.
1 APR 1600	17	29.	*	2 APR 1700	42	0.	*	3 APR 1800	67	0.	*	4 APR 1900	92	0.
1 APR 1700	18	19.	*	2 APR 1800	43	0.	*	3 APR 1900	68	0.	*	4 APR 2000	93	0.
1 APR 1800	19	9.	*	2 APR 1900	44	0.	*	3 APR 2000	69	0.	*	4 APR 2100	94	0.
1 APR 1900	20	6.	*	2 APR 2000	45	0.	*	3 APR 2100	70	0.	*	4 APR 2200	95	0.
1 APR 2000	21	4.	*	2 APR 2100	46	0.	*	3 APR 2200	71	0.	*	4 APR 2300	96	0.
1 APR 2100	22	4.	*	2 APR 2200	47	0.	*	3 APR 2300	72	0.	*	5 APR 0000	97	0.
1 APR 2200	23	3.	*	2 APR 2300	48	0.	*	4 APR 0000	73	0.	*	5 APR 0100	98	0.
1 APR 2300	24	3.	*	3 APR 0000	49	0.	*	4 APR 0100	74	0.	*	5 APR 0200	99	0.
2 APR 0000	25	3.	*	3 APR 0100	50	0.	*	4 APR 0200	75	0.	*	5 APR 0300	100	0.

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	
+	(CFS)	(HR)		24-HR	72-HR
					99.00-HR
+	33.	14.00			
		(CFS)	26.	12.	4.
		(INCHES)	.020	.037	.037
		(AC-FT)	13.	24.	24.

CUMULATIVE AREA = 12.26 SQ MI

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*****
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268 KK      12A1  * LAKEVIEW SUB-AREA (70% VALLEY)
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COMBINE LAKEVIEW SUB-AREA AT THE U/S OF RAMONA EXPWY PER CDJ.

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272 IN      TIME DATA FOR INPUT TIME SERIES
              JXMIN      15  TIME INTERVAL IN MINUTES
              JXDATE     1APR92  STARTING DATE
              JXTIME      30  STARTING TIME
              UHG FROM VALLEY S-GRAPH

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SUBBASIN RUNOFF DATA

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270 BA      SUBBASIN CHARACTERISTICS
              TAREA      12.26  SUBBASIN AREA
              SNAP        .00  NORMAL ANNUAL PRECIPITATION
              RATIO       .70  RATIO OF HYDROGRAPH

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PRECIPITATION DATA

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271 PB      STORM      .12  BASIN TOTAL PRECIPITATION

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day2.out

273 PI INCREMENTAL PRECIPITATION PATTERN
 .00 .01 .02 .02 .02 .03 .03 .04 .05 .07
 .07 .08 .09 .12 .10 .10 .05 .02 .02 .01
 .01 .01 .01 .01 .00 .00

283 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

283 UI INPUT UNITGRAPH, 7 ORDINATES, VOLUME = 1.00
 5042.0 1654.0 601.0 320.0 166.0 99.0 24.0

HYDROGRAPH AT STATION 12A1

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	3.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	9.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	12.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	17.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	21.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	25.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	30.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	36.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	47.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	62.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	67.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	73.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	80.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	107.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	100.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	97.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	64.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	35.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	25.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	18.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	14.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	11.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	10.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	9.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	6.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	2.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	1.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	0.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	0.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	0.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	0.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	0.	*	4	APR	1000	83	.00	.00	.00	0.

day2.out														
2 APR 0900	34	.00	.00	.00	0.	*	4 APR 1100	84	.00	.00	.00	0.		
2 APR 1000	35	.00	.00	.00	0.	*	4 APR 1200	85	.00	.00	.00	0.		
2 APR 1100	36	.00	.00	.00	0.	*	4 APR 1300	86	.00	.00	.00	0.		
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.		
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.		
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.		
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.		
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.		
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.		
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.		
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.		
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.		
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.		
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.		
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.		
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.		
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.		

TOTAL RAINFALL = .12, TOTAL LOSS = .00, TOTAL EXCESS = .12

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	
(CFS)	(HR)			24-HR	72-HR
+					99.00-HR
+	107.	14.00			
		(CFS)	87.	40.	14.
		(INCHES)	.066	.123	.124
		(AC-FT)	43.	80.	81.

CUMULATIVE AREA = 12.26 SQ MI

HYDROGRAPH MULTIPLIED BY .70

HYDROGRAPH AT STATION 12A1

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1 APR 0000	1	0.	*	2 APR 0100	26	4.	*	3 APR 0200	51	0.	*	4 APR 0300	76	0.				4 APR 0300	76	0.			
1 APR 0100	2	2.	*	2 APR 0200	27	2.	*	3 APR 0300	52	0.	*	4 APR 0400	77	0.				4 APR 0400	77	0.			
1 APR 0200	3	6.	*	2 APR 0300	28	1.	*	3 APR 0400	53	0.	*	4 APR 0500	78	0.				4 APR 0500	78	0.			
1 APR 0300	4	9.	*	2 APR 0400	29	0.	*	3 APR 0500	54	0.	*	4 APR 0600	79	0.				4 APR 0600	79	0.			
1 APR 0400	5	12.	*	2 APR 0500	30	0.	*	3 APR 0600	55	0.	*	4 APR 0700	80	0.				4 APR 0700	80	0.			
1 APR 0500	6	15.	*	2 APR 0600	31	0.	*	3 APR 0700	56	0.	*	4 APR 0800	81	0.				4 APR 0800	81	0.			
1 APR 0600	7	17.	*	2 APR 0700	32	0.	*	3 APR 0800	57	0.	*	4 APR 0900	82	0.				4 APR 0900	82	0.			
1 APR 0700	8	21.	*	2 APR 0800	33	0.	*	3 APR 0900	58	0.	*	4 APR 1000	83	0.				4 APR 1000	83	0.			
1 APR 0800	9	25.	*	2 APR 0900	34	0.	*	3 APR 1000	59	0.	*	4 APR 1100	84	0.				4 APR 1100	84	0.			
1 APR 0900	10	33.	*	2 APR 1000	35	0.	*	3 APR 1100	60	0.	*	4 APR 1200	85	0.				4 APR 1200	85	0.			
1 APR 1000	11	43.	*	2 APR 1100	36	0.	*	3 APR 1200	61	0.	*	4 APR 1300	86	0.				4 APR 1300	86	0.			
1 APR 1100	12	47.	*	2 APR 1200	37	0.	*	3 APR 1300	62	0.	*	4 APR 1400	87	0.				4 APR 1400	87	0.			
1 APR 1200	13	51.	*	2 APR 1300	38	0.	*	3 APR 1400	63	0.	*	4 APR 1500	88	0.				4 APR 1500	88	0.			
1 APR 1300	14	56.	*	2 APR 1400	39	0.	*	3 APR 1500	64	0.	*	4 APR 1600	89	0.				4 APR 1600	89	0.			

day2.out														
1 APR 1400	15	75.	*	2 APR 1500	40	0.	*	3 APR 1600	65	0.	*	4 APR 1700	90	0.
1 APR 1500	16	70.	*	2 APR 1600	41	0.	*	3 APR 1700	66	0.	*	4 APR 1800	91	0.
1 APR 1600	17	68.	*	2 APR 1700	42	0.	*	3 APR 1800	67	0.	*	4 APR 1900	92	0.
1 APR 1700	18	45.	*	2 APR 1800	43	0.	*	3 APR 1900	68	0.	*	4 APR 2000	93	0.
1 APR 1800	19	24.	*	2 APR 1900	44	0.	*	3 APR 2000	69	0.	*	4 APR 2100	94	0.
1 APR 1900	20	18.	*	2 APR 2000	45	0.	*	3 APR 2100	70	0.	*	4 APR 2200	95	0.
1 APR 2000	21	12.	*	2 APR 2100	46	0.	*	3 APR 2200	71	0.	*	4 APR 2300	96	0.
1 APR 2100	22	10.	*	2 APR 2200	47	0.	*	3 APR 2300	72	0.	*	5 APR 0000	97	0.
1 APR 2200	23	8.	*	2 APR 2300	48	0.	*	4 APR 0000	73	0.	*	5 APR 0100	98	0.
1 APR 2300	24	7.	*	3 APR 0000	49	0.	*	4 APR 0100	74	0.	*	5 APR 0200	99	0.
2 APR 0000	25	6.	*	3 APR 0100	50	0.	*	4 APR 0200	75	0.	*	5 APR 0300	100	0.
			*				*				*			

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)					
+	75.	14.00	(CFS)	61.	28.	10.	7.
			(INCHES)	.046	.086	.087	.087
			(AC-FT)	30.	56.	57.	57.
CUMULATIVE AREA =				12.26 SQ MI			

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286 KK *****
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RAMONA EXPRESSWAY

288 HC HYDROGRAPH COMBINATION
 ICOMP 3 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION G
 SUM OF 3 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1 APR	0000	1	0.	*		2 APR	0100	26	136.	*		3 APR	0200	51	152.	*		4 APR	0300	76	288.	*	
1 APR	0100	2	3.	*		2 APR	0200	27	131.	*		3 APR	0300	52	158.	*		4 APR	0400	77	292.	*	
1 APR	0200	3	10.	*		2 APR	0300	28	128.	*		3 APR	0400	53	164.	*		4 APR	0500	78	296.	*	
1 APR	0300	4	13.	*		2 APR	0400	29	124.	*		3 APR	0500	54	170.	*		4 APR	0600	79	299.	*	
1 APR	0400	5	19.	*		2 APR	0500	30	121.	*		3 APR	0600	55	176.	*		4 APR	0700	80	303.	*	
1 APR	0500	6	24.	*		2 APR	0600	31	118.	*		3 APR	0700	56	182.	*		4 APR	0800	81	306.	*	

day2.out											
1 APR 0600	7	30.	*	2 APR 0700	32	115.	*	3 APR 0800	57	188.	*
1 APR 0700	8	38.	*	2 APR 0800	33	112.	*	3 APR 0900	58	194.	*
1 APR 0800	9	47.	*	2 APR 0900	34	109.	*	3 APR 1000	59	200.	*
1 APR 0900	10	63.	*	2 APR 1000	35	107.	*	3 APR 1100	60	206.	*
1 APR 1000	11	82.	*	2 APR 1100	36	106.	*	3 APR 1200	61	212.	*
1 APR 1100	12	94.	*	2 APR 1200	37	105.	*	3 APR 1300	62	218.	*
1 APR 1200	13	107.	*	2 APR 1300	38	105.	*	3 APR 1400	63	224.	*
1 APR 1300	14	123.	*	2 APR 1400	39	105.	*	3 APR 1500	64	229.	*
1 APR 1400	15	160.	*	2 APR 1500	40	106.	*	3 APR 1600	65	235.	*
1 APR 1500	16	165.	*	2 APR 1600	41	108.	*	3 APR 1700	66	240.	*
1 APR 1600	17	174.	*	2 APR 1700	42	110.	*	3 APR 1800	67	246.	*
1 APR 1700	18	154.	*	2 APR 1800	43	113.	*	3 APR 1900	68	251.	*
1 APR 1800	19	136.	*	2 APR 1900	44	117.	*	3 APR 2000	69	256.	*
1 APR 1900	20	136.	*	2 APR 2000	45	121.	*	3 APR 2100	70	261.	*
1 APR 2000	21	137.	*	2 APR 2100	46	125.	*	3 APR 2200	71	266.	*
1 APR 2100	22	139.	*	2 APR 2200	47	130.	*	3 APR 2300	72	271.	*
1 APR 2200	23	140.	*	2 APR 2300	48	135.	*	4 APR 0000	73	275.	*
1 APR 2300	24	141.	*	3 APR 0000	49	140.	*	4 APR 0100	74	279.	*
2 APR 0000	25	140.	*	3 APR 0100	50	146.	*	4 APR 0200	75	284.	*

PEAK FLOW		TIME		MAXIMUM AVERAGE FLOW			
				6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)	(CFS)				
+	346.	99.00		343.	323.	223.	189.
			(INCHES)	.008	.029	.060	.070
			(AC-FT)	170.	641.	1329.	1544.

CUMULATIVE AREA = 413.00 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-G/G/FLOW/01MAR1992/1HOUR//
-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-G/G/FLOW/01APR1992/1HOUR//

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* *
290 KK * G-H * ROUTE
* *

ROUTE SAN JACINTO RIVER FROM RAMONA EXPRESSWAY TO I-215
BASED ON SV-SQ DATA FROM HEC-RAS Updated 14Apr2010 - MLA
Time Step (Ave Travel Time = 4.78 Hours - Divide by 1.5 Vw=3.19 hr)
Because of this use NSTPS = 3 jcc 9 Feb 2010)

HYDROGRAPH ROUTING DATA

295 RS STORAGE ROUTING
NSTPS 3 NUMBER OF SUBREACHES
ITYP STOR TYPE OF INITIAL CONDITION
RSVRIC -1.00 INITIAL CONDITION
X .00 WORKING R AND D COEFFICIENT

day2.out

296 SV	STORAGE	.0	804.0	1484.0	2507.0	6171.0	8267.0	10090.0	10684.0	12155.0	14679.0
		17916.0	21184.0	24492.0	27854.0	40596.0	52905.0				
298 SQ	DISCHARGE	0.	500.	1000.	2000.	4000.	6000.	8000.	10000.	15000.	20000.
		25000.	30000.	35000.	40000.	60000.	80000.				

HYDROGRAPH AT STATION G-H

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*
1	APR	0000	1	0.	.00	*	2	APR	1000	35	103.	55.19	*	3	APR	2000	69	159.	85.29	*
1	APR	0100	2	0.	.00	*	2	APR	1100	36	105.	56.45	*	3	APR	2100	70	163.	87.64	*
1	APR	0200	3	0.	.01	*	2	APR	1200	37	107.	57.51	*	3	APR	2200	71	168.	90.04	*
1	APR	0300	4	0.	.02	*	2	APR	1300	38	109.	58.39	*	3	APR	2300	72	173.	92.51	*
1	APR	0400	5	0.	.06	*	2	APR	1400	39	110.	59.10	*	4	APR	0000	73	177.	95.03	*
1	APR	0500	6	0.	.14	*	2	APR	1500	40	111.	59.65	*	4	APR	0100	74	182.	97.58	*
1	APR	0600	7	1.	.28	*	2	APR	1600	41	112.	60.06	*	4	APR	0200	75	187.	100.17	*
1	APR	0700	8	1.	.48	*	2	APR	1700	42	113.	60.36	*	4	APR	0300	76	192.	102.79	*
1	APR	0800	9	1.	.76	*	2	APR	1800	43	113.	60.57	*	4	APR	0400	77	197.	105.42	*
1	APR	0900	10	2.	1.15	*	2	APR	1900	44	113.	60.70	*	4	APR	0500	78	202.	108.07	*
1	APR	1000	11	3.	1.67	*	2	APR	2000	45	113.	60.78	*	4	APR	0600	79	207.	110.72	*
1	APR	1100	12	4.	2.35	*	2	APR	2100	46	113.	60.83	*	4	APR	0700	80	212.	113.37	*
1	APR	1200	13	6.	3.22	*	2	APR	2200	47	114.	60.88	*	4	APR	0800	81	216.	116.01	*
1	APR	1300	14	8.	4.32	*	2	APR	2300	48	114.	60.94	*	4	APR	0900	82	221.	118.64	*
1	APR	1400	15	11.	5.66	*	3	APR	0000	49	114.	61.04	*	4	APR	1000	83	226.	121.26	*
1	APR	1500	16	14.	7.30	*	3	APR	0100	50	114.	61.19	*	4	APR	1100	84	231.	123.84	*
1	APR	1600	17	17.	9.25	*	3	APR	0200	51	115.	61.42	*	4	APR	1200	85	236.	126.41	*
1	APR	1700	18	22.	11.53	*	3	APR	0300	52	115.	61.73	*	4	APR	1300	86	241.	128.94	*
1	APR	1800	19	26.	14.11	*	3	APR	0400	53	116.	62.13	*	4	APR	1400	87	245.	131.43	*
1	APR	1900	20	32.	16.92	*	3	APR	0500	54	117.	62.65	*	4	APR	1500	88	250.	133.89	*
1	APR	2000	21	37.	19.88	*	3	APR	0600	55	118.	63.29	*	4	APR	1600	89	254.	136.30	*
1	APR	2100	22	43.	22.94	*	3	APR	0700	56	119.	64.05	*	4	APR	1700	90	259.	138.67	*
1	APR	2200	23	49.	26.04	*	3	APR	0800	57	121.	64.94	*	4	APR	1800	91	263.	140.99	*
1	APR	2300	24	54.	29.13	*	3	APR	0900	58	123.	65.97	*	4	APR	1900	92	267.	143.25	*
2	APR	0000	25	60.	32.18	*	3	APR	1000	59	125.	67.12	*	4	APR	2000	93	271.	145.47	*
2	APR	0100	26	66.	35.16	*	3	APR	1100	60	128.	68.41	*	4	APR	2100	94	275.	147.63	*
2	APR	0200	27	71.	38.04	*	3	APR	1200	61	130.	69.83	*	4	APR	2200	95	279.	149.73	*
2	APR	0300	28	76.	40.80	*	3	APR	1300	62	133.	71.38	*	4	APR	2300	96	283.	151.78	*
2	APR	0400	29	81.	43.42	*	3	APR	1400	63	136.	73.05	*	5	APR	0000	97	287.	153.76	*
2	APR	0500	30	86.	45.86	*	3	APR	1500	64	140.	74.83	*	5	APR	0100	98	290.	155.68	*
2	APR	0600	31	90.	48.13	*	3	APR	1600	65	143.	76.73	*	5	APR	0200	99	294.	157.55	*
2	APR	0700	32	94.	50.20	*	3	APR	1700	66	147.	78.73	*	5	APR	0300	100	297.	159.35	*
2	APR	0800	33	97.	52.07	*	3	APR	1800	67	151.	80.83	*							
2	APR	0900	34	100.	53.74	*	3	APR	1900	68	155.	83.02	*							

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW
+ (CFS)	(HR)	6-HR	24-HR 72-HR 99.00-HR

day2.out

+	297.	99.00	(CFS)	287.	248.	166.	126.
			(INCHES)	.006	.022	.045	.047
			(AC-FT)	142.	492.	988.	1035.

PEAK STORAGE	TIME	6-HR	24-HR	72-HR	99.00-HR	
+	(AC-FT)	(HR)				
	159.	99.00	154.	133.	89.	68.

CUMULATIVE AREA = 413.00 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE G-H/G-H/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE G-H/G-H/FLOW/01APR1992/1HOUR//

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 * *
 301 KK * 13 * SUBAREA 13
 * *

NUEVO(40% MOUNTAIN)
 COMBINE AT THE D/S OF RAMONA EXPWY PER CDJ

306 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 15 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 20 STARTING TIME
 UHG FROM MOUNTAIN S-GRAPH

SUBBASIN RUNOFF DATA

304 BA SUBBASIN CHARACTERISTICS
 TAREA 25.74 SUBBASIN AREA
 SNAP .00 NORMAL ANNUAL PRECIPITATION
 RATIO .40 RATIO OF HYDROGRAPH

PRECIPITATION DATA

305 PB STORM .13 BASIN TOTAL PRECIPITATION

307 PI INCREMENTAL PRECIPITATION PATTERN

.00	.01	.01	.02	.02	.03	.03	.04	.05	.07
.08	.08	.08	.12	.10	.10	.06	.02	.02	.01
.01	.01	.01	.01	.01	.00				

317 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

317 UI INPUT UNITGRAPH, 23 ORDINATES, VOLUME = 1.00

4499.0	4599.0	1816.0	1212.0	853.0	658.0	484.0	397.0	348.0	306.0
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day2.out
266.0 231.0 191.0 160.0 139.0 121.0 50.0 50.0 50.0 50.0
50.5 50.5 19.0

HYDROGRAPH AT STATION 13

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	2.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	9.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	16.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	23.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	30.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	38.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	46.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	56.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	71.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	92.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	111.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	123.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	134.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	164.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	184.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	185.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	165.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	120.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	89.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	74.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	62.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	54.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	48.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	43.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	36.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	28.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	22.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	17.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	14.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	11.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	9.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	7.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	6.	*	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	5.	*	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	4.	*	4	APR	1300	86	.00	.00	.00	0.
2	APR	1200	37	.00	.00	.00	3.	*	4	APR	1400	87	.00	.00	.00	0.
2	APR	1300	38	.00	.00	.00	2.	*	4	APR	1500	88	.00	.00	.00	0.
2	APR	1400	39	.00	.00	.00	1.	*	4	APR	1600	89	.00	.00	.00	0.
2	APR	1500	40	.00	.00	.00	1.	*	4	APR	1700	90	.00	.00	.00	0.
2	APR	1600	41	.00	.00	.00	1.	*	4	APR	1800	91	.00	.00	.00	0.
2	APR	1700	42	.00	.00	.00	0.	*	4	APR	1900	92	.00	.00	.00	0.
2	APR	1800	43	.00	.00	.00	0.	*	4	APR	2000	93	.00	.00	.00	0.
2	APR	1900	44	.00	.00	.00	0.	*	4	APR	2100	94	.00	.00	.00	0.

day2.out

2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.
						*						

TOTAL RAINFALL = .13, TOTAL LOSS = .00, TOTAL EXCESS = .13

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	72-HR	99.00-HR
+	(CFS)	(HR)		24-HR		
		(CFS)				
+	185.	16.00	159.	83.	29.	21.
		(INCHES)	.057	.120	.127	.127
		(AC-FT)	79.	165.	174.	174.

CUMULATIVE AREA = 25.74 SQ MI

HYDROGRAPH MULTIPLIED BY .40

HYDROGRAPH AT STATION 13

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1	APR	0000	1	0.	*	2	APR	0100	26	15.	*	3	APR	0200	51	0.	*	4	APR	0300	76	0.	*
1	APR	0100	2	1.	*	2	APR	0200	27	11.	*	3	APR	0300	52	0.	*	4	APR	0400	77	0.	*
1	APR	0200	3	4.	*	2	APR	0300	28	9.	*	3	APR	0400	53	0.	*	4	APR	0500	78	0.	*
1	APR	0300	4	7.	*	2	APR	0400	29	7.	*	3	APR	0500	54	0.	*	4	APR	0600	79	0.	*
1	APR	0400	5	9.	*	2	APR	0500	30	6.	*	3	APR	0600	55	0.	*	4	APR	0700	80	0.	*
1	APR	0500	6	12.	*	2	APR	0600	31	5.	*	3	APR	0700	56	0.	*	4	APR	0800	81	0.	*
1	APR	0600	7	15.	*	2	APR	0700	32	4.	*	3	APR	0800	57	0.	*	4	APR	0900	82	0.	*
1	APR	0700	8	18.	*	2	APR	0800	33	3.	*	3	APR	0900	58	0.	*	4	APR	1000	83	0.	*
1	APR	0800	9	22.	*	2	APR	0900	34	2.	*	3	APR	1000	59	0.	*	4	APR	1100	84	0.	*
1	APR	0900	10	28.	*	2	APR	1000	35	2.	*	3	APR	1100	60	0.	*	4	APR	1200	85	0.	*
1	APR	1000	11	37.	*	2	APR	1100	36	2.	*	3	APR	1200	61	0.	*	4	APR	1300	86	0.	*
1	APR	1100	12	45.	*	2	APR	1200	37	1.	*	3	APR	1300	62	0.	*	4	APR	1400	87	0.	*
1	APR	1200	13	49.	*	2	APR	1300	38	1.	*	3	APR	1400	63	0.	*	4	APR	1500	88	0.	*
1	APR	1300	14	53.	*	2	APR	1400	39	1.	*	3	APR	1500	64	0.	*	4	APR	1600	89	0.	*
1	APR	1400	15	66.	*	2	APR	1500	40	0.	*	3	APR	1600	65	0.	*	4	APR	1700	90	0.	*
1	APR	1500	16	73.	*	2	APR	1600	41	0.	*	3	APR	1700	66	0.	*	4	APR	1800	91	0.	*
1	APR	1600	17	74.	*	2	APR	1700	42	0.	*	3	APR	1800	67	0.	*	4	APR	1900	92	0.	*
1	APR	1700	18	66.	*	2	APR	1800	43	0.	*	3	APR	1900	68	0.	*	4	APR	2000	93	0.	*
1	APR	1800	19	48.	*	2	APR	1900	44	0.	*	3	APR	2000	69	0.	*	4	APR	2100	94	0.	*
1	APR	1900	20	36.	*	2	APR	2000	45	0.	*	3	APR	2100	70	0.	*	4	APR	2200	95	0.	*
1	APR	2000	21	29.	*	2	APR	2100	46	0.	*	3	APR	2200	71	0.	*	4	APR	2300	96	0.	*
1	APR	2100	22	25.	*	2	APR	2200	47	0.	*	3	APR	2300	72	0.	*	5	APR	0000	97	0.	*
1	APR	2200	23	22.	*	2	APR	2300	48	0.	*	4	APR	0000	73	0.	*	5	APR	0100	98	0.	*
1	APR	2300	24	19.	*	3	APR	0000	49	0.	*	4	APR	0100	74	0.	*	5	APR	0200	99	0.	*
2	APR	0000	25	17.	*	3	APR	0100	50	0.	*	4	APR	0200	75	0.	*	5	APR	0300	100	0.	*

PEAK FLOW (CFS)	TIME (HR)	6-HR	24-HR	72-HR	99.00-HR
74.	16.00	64.	33.	12.	9.
	(INCHES)	.023	.048	.051	.051
	(AC-FT)	32.	66.	70.	70.

CUMULATIVE AREA = 25.74 SQ MI

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322 KK 13 SUBAREA 13

NUEVO(60% VALLEY)
COMBINE AT THE D/S OF RAMONA EXPWY PER CDJ

327 IN TIME DATA FOR INPUT TIME SERIES

JXMIN	15	TIME INTERVAL IN MINUTES
JXDATE	1APR92	STARTING DATE
JXTIME	20	STARTING TIME

UHG FROM VALLEY S-GRAPH

SUBBASIN RUNOFF DATA

325 BA SUBBASIN CHARACTERISTICS

TAREA	25.74	SUBBASIN AREA
SNAP	.00	NORMAL ANNUAL PRECIPITATION
RATIO	.60	RATIO OF HYDROGRAPH

PRECIPITATION DATA

326 PB STORM .13 BASIN TOTAL PRECIPITATION

328 PI INCREMENTAL PRECIPITATION PATTERN

.00	.01	.01	.02	.02	.03	.03	.04	.05	.07
.08	.08	.08	.12	.10	.10	.06	.02	.02	.01
.01	.01	.01	.01	.01	.00				

338 LU UNIFORM LOSS RATE

STRTL	.00	INITIAL LOSS
CNSTL	.00	UNIFORM LOSS RATE
RTIMP	.00	PERCENT IMPERVIOUS AREA

338 UI INPUT UNITGRAPH, 15 ORDINATES, VOLUME = 1.00

3331.0	6377.0	2585.0	1309.0	803.0	580.0	416.0	326.0	259.0	187.0
141.0	92.0	92.0	92.0	11.0					

day2.out

HYDROGRAPH AT STATION 13

* * * * *								* * * * *							
DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	1.	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	8.	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	18.	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	25.	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	32.	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	40.	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	50.	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	60.	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	75.	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	97.	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	120.	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	135.	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	145.	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	170.	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	200.	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	202.	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	185.	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	135.	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	89.	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	69.	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	55.	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	46.	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	39.	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	33.	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	27.	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	19.	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	12.	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	8.	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	5.	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	3.	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	2.	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	1.	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	1.	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	1.	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	0.	4	APR	1300	86	.00	.00	.00	0.
2	APR	1200	37	.00	.00	.00	0.	4	APR	1400	87	.00	.00	.00	0.
2	APR	1300	38	.00	.00	.00	0.	4	APR	1500	88	.00	.00	.00	0.
2	APR	1400	39	.00	.00	.00	0.	4	APR	1600	89	.00	.00	.00	0.
2	APR	1500	40	.00	.00	.00	0.	4	APR	1700	90	.00	.00	.00	0.
2	APR	1600	41	.00	.00	.00	0.	4	APR	1800	91	.00	.00	.00	0.
2	APR	1700	42	.00	.00	.00	0.	4	APR	1900	92	.00	.00	.00	0.
2	APR	1800	43	.00	.00	.00	0.	4	APR	2000	93	.00	.00	.00	0.
2	APR	1900	44	.00	.00	.00	0.	4	APR	2100	94	.00	.00	.00	0.
2	APR	2000	45	.00	.00	.00	0.	4	APR	2200	95	.00	.00	.00	0.
2	APR	2100	46	.00	.00	.00	0.	4	APR	2300	96	.00	.00	.00	0.

								day2.out								
2 APR 2200	47	.00	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.			
2 APR 2300	48	.00	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.			
3 APR 0000	49	.00	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.			
3 APR 0100	50	.00	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.			
								*								

TOTAL RAINFALL = .13, TOTAL LOSS = .00, TOTAL EXCESS = .13

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	202.	16.00	173.	86.	29.	21.
		(INCHES)	.062	.124	.127	.127
		(AC-FT)	86.	170.	174.	174.

CUMULATIVE AREA = 25.74 SQ MI

HYDROGRAPH MULTIPLIED BY .60

HYDROGRAPH AT STATION 13

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1 APR 0000	1	0.	*	2 APR 0100	26	16.	*	3 APR 0200	51	0.	*	4 APR 0300	76	0.	*		
1 APR 0100	2	1.	*	2 APR 0200	27	12.	*	3 APR 0300	52	0.	*	4 APR 0400	77	0.	*		
1 APR 0200	3	5.	*	2 APR 0300	28	7.	*	3 APR 0400	53	0.	*	4 APR 0500	78	0.	*		
1 APR 0300	4	11.	*	2 APR 0400	29	5.	*	3 APR 0500	54	0.	*	4 APR 0600	79	0.	*		
1 APR 0400	5	15.	*	2 APR 0500	30	3.	*	3 APR 0600	55	0.	*	4 APR 0700	80	0.	*		
1 APR 0500	6	19.	*	2 APR 0600	31	2.	*	3 APR 0700	56	0.	*	4 APR 0800	81	0.	*		
1 APR 0600	7	24.	*	2 APR 0700	32	1.	*	3 APR 0800	57	0.	*	4 APR 0900	82	0.	*		
1 APR 0700	8	30.	*	2 APR 0800	33	1.	*	3 APR 0900	58	0.	*	4 APR 1000	83	0.	*		
1 APR 0800	9	36.	*	2 APR 0900	34	1.	*	3 APR 1000	59	0.	*	4 APR 1100	84	0.	*		
1 APR 0900	10	45.	*	2 APR 1000	35	0.	*	3 APR 1100	60	0.	*	4 APR 1200	85	0.	*		
1 APR 1000	11	58.	*	2 APR 1100	36	0.	*	3 APR 1200	61	0.	*	4 APR 1300	86	0.	*		
1 APR 1100	12	72.	*	2 APR 1200	37	0.	*	3 APR 1300	62	0.	*	4 APR 1400	87	0.	*		
1 APR 1200	13	81.	*	2 APR 1300	38	0.	*	3 APR 1400	63	0.	*	4 APR 1500	88	0.	*		
1 APR 1300	14	87.	*	2 APR 1400	39	0.	*	3 APR 1500	64	0.	*	4 APR 1600	89	0.	*		
1 APR 1400	15	102.	*	2 APR 1500	40	0.	*	3 APR 1600	65	0.	*	4 APR 1700	90	0.	*		
1 APR 1500	16	120.	*	2 APR 1600	41	0.	*	3 APR 1700	66	0.	*	4 APR 1800	91	0.	*		
1 APR 1600	17	121.	*	2 APR 1700	42	0.	*	3 APR 1800	67	0.	*	4 APR 1900	92	0.	*		
1 APR 1700	18	111.	*	2 APR 1800	43	0.	*	3 APR 1900	68	0.	*	4 APR 2000	93	0.	*		
1 APR 1800	19	81.	*	2 APR 1900	44	0.	*	3 APR 2000	69	0.	*	4 APR 2100	94	0.	*		
1 APR 1900	20	53.	*	2 APR 2000	45	0.	*	3 APR 2100	70	0.	*	4 APR 2200	95	0.	*		
1 APR 2000	21	41.	*	2 APR 2100	46	0.	*	3 APR 2200	71	0.	*	4 APR 2300	96	0.	*		
1 APR 2100	22	33.	*	2 APR 2200	47	0.	*	3 APR 2300	72	0.	*	5 APR 0000	97	0.	*		
1 APR 2200	23	28.	*	2 APR 2300	48	0.	*	4 APR 0000	73	0.	*	5 APR 0100	98	0.	*		
1 APR 2300	24	24.	*	3 APR 0000	49	0.	*	4 APR 0100	74	0.	*	5 APR 0200	99	0.	*		
2 APR 0000	25	20.	*	3 APR 0100	50	0.	*	4 APR 0200	75	0.	*	5 APR 0300	100	0.	*		

day2.out

	PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE	FLOW	
+ (CFS)	(HR)				24-HR	72-HR	99.00-HR
+ 121.	16.00	(CFS)		104.	52.	18.	13.
		(INCHES)		.037	.074	.076	.076
		(AC-FT)		51.	102.	105.	105.

CUMULATIVE AREA = 25.74 SQ MI

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*
342 KK      NUEVDS  *
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COMBINE THE SAN JACINTO RIVER WITH SUBAREAS 12&13

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344 HC          HYDROGRAPH COMBINATION
                   ICOMP          3  NUMBER OF HYDROGRAPHS TO COMBINE

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HYDROGRAPH AT STATION N1UEVDS
SUM OF 3 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1	APR	0000	1	0.	*	2	APR	0100	26	96.	*	3	APR	0200	51	115.	*	4	APR	0300	76	192.	*
1	APR	0100	2	1.	*	2	APR	0200	27	94.	*	3	APR	0300	52	115.	*	4	APR	0400	77	197.	*
1	APR	0200	3	8.	*	2	APR	0300	28	92.	*	3	APR	0400	53	116.	*	4	APR	0500	78	202.	*
1	APR	0300	4	17.	*	2	APR	0400	29	93.	*	3	APR	0500	54	117.	*	4	APR	0600	79	207.	*
1	APR	0400	5	24.	*	2	APR	0500	30	94.	*	3	APR	0600	55	118.	*	4	APR	0700	80	212.	*
1	APR	0500	6	32.	*	2	APR	0600	31	96.	*	3	APR	0700	56	119.	*	4	APR	0800	81	216.	*
1	APR	0600	7	40.	*	2	APR	0700	32	99.	*	3	APR	0800	57	121.	*	4	APR	0900	82	221.	*
1	APR	0700	8	49.	*	2	APR	0800	33	101.	*	3	APR	0900	58	123.	*	4	APR	1000	83	226.	*
1	APR	0800	9	60.	*	2	APR	0900	34	103.	*	3	APR	1000	59	125.	*	4	APR	1100	84	231.	*
1	APR	0900	10	75.	*	2	APR	1000	35	105.	*	3	APR	1100	60	128.	*	4	APR	1200	85	236.	*
1	APR	1000	11	98.	*	2	APR	1100	36	107.	*	3	APR	1200	61	130.	*	4	APR	1300	86	241.	*
1	APR	1100	12	121.	*	2	APR	1200	37	109.	*	3	APR	1300	62	133.	*	4	APR	1400	87	245.	*
1	APR	1200	13	136.	*	2	APR	1300	38	110.	*	3	APR	1400	63	136.	*	4	APR	1500	88	250.	*
1	APR	1300	14	148.	*	2	APR	1400	39	111.	*	3	APR	1500	64	140.	*	4	APR	1600	89	254.	*
1	APR	1400	15	179.	*	2	APR	1500	40	112.	*	3	APR	1600	65	143.	*	4	APR	1700	90	259.	*
1	APR	1500	16	207.	*	2	APR	1600	41	112.	*	3	APR	1700	66	147.	*	4	APR	1800	91	263.	*
1	APR	1600	17	213.	*	2	APR	1700	42	113.	*	3	APR	1800	67	151.	*	4	APR	1900	92	267.	*
1	APR	1700	18	198.	*	2	APR	1800	43	113.	*	3	APR	1900	68	155.	*	4	APR	2000	93	271.	*
1	APR	1800	19	155.	*	2	APR	1900	44	113.	*	3	APR	2000	69	159.	*	4	APR	2100	94	275.	*

day2.out

1 APR 1900	20	121.	*	2 APR 2000	45	113.	*	3 APR 2100	70	163.	*	4 APR 2200	95	279.
1 APR 2000	21	108.	*	2 APR 2100	46	114.	*	3 APR 2200	71	168.	*	4 APR 2300	96	283.
1 APR 2100	22	100.	*	2 APR 2200	47	114.	*	3 APR 2300	72	173.	*	5 APR 0000	97	287.
1 APR 2200	23	98.	*	2 APR 2300	48	114.	*	4 APR 0000	73	177.	*	5 APR 0100	98	290.
1 APR 2300	24	97.	*	3 APR 0000	49	114.	*	4 APR 0100	74	182.	*	5 APR 0200	99	294.
2 APR 0000	25	97.	*	3 APR 0100	50	114.	*	4 APR 0200	75	187.	*	5 APR 0300	100	297.

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW 24-HR	72-HR	99.00-HR
+ (CFS)	(HR)	(CFS)				
+ 297.	99.00		287.	248.	167.	148.
		(INCHES)	.006	.020	.040	.049
		(AC-FT)	142.	492.	992.	1209.

CUMULATIVE AREA = 464.48 SQ MI

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345 KK * 14 * SUBAREA 14
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PERRIS VALLEY

1

THE FOLLOWING INFORMATION WERE OBTAINED FROM PREVIOUS WORKS
PERFORMED BY B.C. & C.V.A. DATED 4/88. FILENAME :CP4.DAT
THE PERRIS VALLEY AREA INCLUDED THE PIGEON PASS DRAINAGE AREAS.
TOTAL DRAINAGE AREAS = 85.44 SQ.MI.
ALL HYDROGRAPHS ADJUSTED FOR YIELD AT NUEVO RD. / CP-4
INFLOW TO PIGEON PASS RESERVIOR
ULTIMATE DEVELOPMENT ALL BASINS IN PLACE

357 IN TIME DATA FOR INPUT TIME SERIES
JXMIN 30 TIME INTERVAL IN MINUTES
JXDATE 1APR92 STARTING DATE
JXTIME 10 STARTING TIME
UHG FROM VALLEY S-GRAPH

SUBBASIN RUNOFF DATA

355 BA SUBBASIN CHARACTERISTICS
TAREA 9.03 SUBBASIN AREA

PRECIPITATION DATA

356 PB STORM .12 BASIN TOTAL PRECIPITATION

358 PI INCREMENTAL PRECIPITATION PATTERN
.00 .01 .01 .02 .02 .03 .03 .04 .05 .07

day2.out

.08 .07 .08 .11 .11 .10 .07 .01 .02 .01
.01 .01 .01 .01 .01 .00

363 LU

UNIFORM LOSS RATE

STRTL .00 INITIAL LOSS
CNSTL .00 UNIFORM LOSS RATE
RTIMP .00 PERCENT IMPERVIOUS AREA

363 UI

INPUT UNITGRAPH, 6 ORDINATES, VOLUME = 1.00
3898.0 1128.0 417.0 215.0 104.0 62.0

HYDROGRAPH AT STATION 14

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	1.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	6.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	8.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	11.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	14.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	17.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	20.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.00	.00	.00	24.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	30.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	40.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	49.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	49.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	52.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.01	.00	.01	69.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	72.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	70.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	56.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	26.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	19.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	13.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	10.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	8.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	7.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	6.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	5.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	2.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	1.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	0.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	0.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	0.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	0.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	0.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	0.	*	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	0.	*	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	0.	*	4	APR	1300	86	.00	.00	.00	0.

								day2.out								
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.				
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.				
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.				
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.				
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.				
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.				
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.				
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.				
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.				
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.				
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.				
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.				
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.				
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.				
													*			

TOTAL RAINFALL = .12, TOTAL LOSS = .00, TOTAL EXCESS = .12

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR	
+	(CFS)	(HR)					
+	72.	15.00	(CFS)	61.	28.	10.	7.
			(INCHES)	.063	.117	.118	.118
			(AC-FT)	30.	56.	57.	57.

CUMULATIVE AREA = 9.03 SQ MI

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 366 KK * PB *
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PIGEON PASS RESERVOIR ROUTING

HYDROGRAPH ROUTING DATA

368 RS	STORAGE ROUTING		1	NUMBER OF SUBREACHES					
	NSTPS		ELEV	TYPE OF INITIAL CONDITION					
	ITYP		1670.00	INITIAL CONDITION					
	RSVRIC		.00	WORKING R AND D COEFFICIENT					
	X								
369 SV	STORAGE	.0	24.0	124.0	314.0	565.0	885.0	1720.0	1720.0
370 SE	ELEVATION	1670.00	1676.00	1680.00	1684.00	1688.00	1692.00	1696.00	1700.00
371 SQ	DISCHARGE	0.	80.	90.	100.	110.	120.	130.	
372 SE	ELEVATION	1670.00	1671.00	1674.00	1678.00	1683.50	1689.50	1695.50	

day2.out

COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	4.00	16.00	24.00	74.00	124.00	290.25	314.00	565.00	685.00
OUTFLOW	.00	80.00	90.00	95.00	100.00	103.64	110.00	110.83	117.50	120.00
ELEVATION	1670.00	1671.00	1674.00	1676.00	1678.00	1680.00	1683.50	1684.00	1688.00	1689.50
STORAGE	885.00	1615.63	1720.00	1720.00						
OUTFLOW	124.17	130.00	130.83	137.50						
ELEVATION	1692.00	1695.50	1696.00	1700.00						

*** WARNING *** MODIFIED PULS ROUTING MAY BE NUMERICALLY UNSTABLE FOR OUTFLOWS BETWEEN 131. TO 138.
THE ROUTED HYDROGRAPH SHOULD BE EXAMINED FOR OSCILLATIONS OR OUTFLOWS GREATER THAN PEAK INFLOWS.
THIS CAN BE CORRECTED BY DECREASING THE TIME INTERVAL OR INCREASING STORAGE (USE A LONGER REACH.)

HYDROGRAPH AT STATION PB

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	APR	0000	1	0.	.0	1670.0	*	2	APR	1000	35	0.	.0	1670.0	*	3	APR	2000	69	0.	.0	1670.0
1	APR	0100	2	0.	.0	1670.0	*	2	APR	1100	36	0.	.0	1670.0	*	3	APR	2100	70	0.	.0	1670.0
1	APR	0200	3	3.	.2	1670.0	*	2	APR	1200	37	0.	.0	1670.0	*	3	APR	2200	71	0.	.0	1670.0
1	APR	0300	4	7.	.3	1670.1	*	2	APR	1300	38	0.	.0	1670.0	*	3	APR	2300	72	0.	.0	1670.0
1	APR	0400	5	9.	.5	1670.1	*	2	APR	1400	39	0.	.0	1670.0	*	4	APR	0000	73	0.	.0	1670.0
1	APR	0500	6	12.	.6	1670.2	*	2	APR	1500	40	0.	.0	1670.0	*	4	APR	0100	74	0.	.0	1670.0
1	APR	0600	7	15.	.8	1670.2	*	2	APR	1600	41	0.	.0	1670.0	*	4	APR	0200	75	0.	.0	1670.0
1	APR	0700	8	18.	.9	1670.2	*	2	APR	1700	42	0.	.0	1670.0	*	4	APR	0300	76	0.	.0	1670.0
1	APR	0800	9	22.	1.1	1670.3	*	2	APR	1800	43	0.	.0	1670.0	*	4	APR	0400	77	0.	.0	1670.0
1	APR	0900	10	27.	1.3	1670.3	*	2	APR	1900	44	0.	.0	1670.0	*	4	APR	0500	78	0.	.0	1670.0
1	APR	1000	11	34.	1.7	1670.4	*	2	APR	2000	45	0.	.0	1670.0	*	4	APR	0600	79	0.	.0	1670.0
1	APR	1100	12	44.	2.2	1670.5	*	2	APR	2100	46	0.	.0	1670.0	*	4	APR	0700	80	0.	.0	1670.0
1	APR	1200	13	49.	2.4	1670.6	*	2	APR	2200	47	0.	.0	1670.0	*	4	APR	0800	81	0.	.0	1670.0
1	APR	1300	14	50.	2.5	1670.6	*	2	APR	2300	48	0.	.0	1670.0	*	4	APR	0900	82	0.	.0	1670.0
1	APR	1400	15	60.	3.0	1670.7	*	3	APR	0000	49	0.	.0	1670.0	*	4	APR	1000	83	0.	.0	1670.0
1	APR	1500	16	70.	3.5	1670.9	*	3	APR	0100	50	0.	.0	1670.0	*	4	APR	1100	84	0.	.0	1670.0
1	APR	1600	17	71.	3.6	1670.9	*	3	APR	0200	51	0.	.0	1670.0	*	4	APR	1200	85	0.	.0	1670.0
1	APR	1700	18	64.	3.2	1670.8	*	3	APR	0300	52	0.	.0	1670.0	*	4	APR	1300	86	0.	.0	1670.0
1	APR	1800	19	43.	2.2	1670.5	*	3	APR	0400	53	0.	.0	1670.0	*	4	APR	1400	87	0.	.0	1670.0
1	APR	1900	20	24.	1.2	1670.3	*	3	APR	0500	54	0.	.0	1670.0	*	4	APR	1500	88	0.	.0	1670.0
1	APR	2000	21	17.	.8	1670.2	*	3	APR	0600	55	0.	.0	1670.0	*	4	APR	1600	89	0.	.0	1670.0
1	APR	2100	22	12.	.6	1670.1	*	3	APR	0700	56	0.	.0	1670.0	*	4	APR	1700	90	0.	.0	1670.0
1	APR	2200	23	9.	.5	1670.1	*	3	APR	0800	57	0.	.0	1670.0	*	4	APR	1800	91	0.	.0	1670.0
1	APR	2300	24	8.	.4	1670.1	*	3	APR	0900	58	0.	.0	1670.0	*	4	APR	1900	92	0.	.0	1670.0
2	APR	0000	25	7.	.3	1670.1	*	3	APR	1000	59	0.	.0	1670.0	*	4	APR	2000	93	0.	.0	1670.0
2	APR	0100	26	6.	.3	1670.1	*	3	APR	1100	60	0.	.0	1670.0	*	4	APR	2100	94	0.	.0	1670.0
2	APR	0200	27	4.	.2	1670.0	*	3	APR	1200	61	0.	.0	1670.0	*	4	APR	2200	95	0.	.0	1670.0
2	APR	0300	28	2.	.1	1670.0	*	3	APR	1300	62	0.	.0	1670.0	*	4	APR	2300	96	0.	.0	1670.0
2	APR	0400	29	1.	.0	1670.0	*	3	APR	1400	63	0.	.0	1670.0	*	5	APR	0000	97	0.	.0	1670.0
2	APR	0500	30	0.	.0	1670.0	*	3	APR	1500	64	0.	.0	1670.0	*	5	APR	0100	98	0.	.0	1670.0
2	APR	0600	31	0.	.0	1670.0	*	3	APR	1600	65	0.	.0	1670.0	*	5	APR	0200	99	0.	.0	1670.0
2	APR	0700	32	0.	.0	1670.0	*	3	APR	1700	66	0.	.0	1670.0	*	5	APR	0300	100	0.	.0	1670.0

2 APR 0800 33 0. .0 1670.0 * 3 APR 1800 67 0. .0 1670.0 *
 2 APR 0900 34 0. .0 1670.0 * 3 APR 1900 68 0. .0 1670.0 *
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day2.out

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+ (CFS)	(HR)	(CFS)				
+ 71.	16.00		60.	28.	10.	7.
		(INCHES)	.062	.117	.118	.118
		(AC-FT)	30.	56.	57.	57.

PEAK STORAGE	TIME		6-HR	24-HR	72-HR	99.00-HR
+ (AC-FT)	(HR)					
+ 4.	16.00		3.	1.	0.	0.

PEAK STAGE	TIME		6-HR	24-HR	72-HR	99.00-HR
+ (FEET)	(HR)					
+ 1670.89	16.00		1670.75	1670.35	1670.12	1670.09

CUMULATIVE AREA = 9.03 SQ MI

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 373 KK *
 * IA *
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LOCAL AREA TRIBUTARY TO INDIAN-FESTIVAL BASIN

377 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 30 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 10 STARTING TIME
 UHG FROM VALLEY S-GRAPH

SUBBASIN RUNOFF DATA

375 BA SUBBASIN CHARACTERISTICS
 TAREA 1.17 SUBBASIN AREA

PRECIPITATION DATA

376 PB STORM .12 BASIN TOTAL PRECIPITATION

378 PI INCREMENTAL PRECIPITATION PATTERN
 .00 .01 .01 .02 .02 .03 .03 .04 .05 .07
 .08 .07 .08 .11 .11 .10 .07 .01 .02 .01
 .01 .01 .01 .01 .01 .00

day2.out

383 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

383 UI INPUT UNITGRAPH, 2 ORDINATES, VOLUME = 1.00
 713.0 43.0

HYDROGRAPH AT STATION IA

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	0.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	1.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	1.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	2.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	2.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	2.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	3.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.00	.00	.00	3.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	4.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	6.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	7.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	7.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	7.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.01	.00	.01	10.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	10.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	9.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	7.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	2.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	2.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	1.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	1.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	1.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	1.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	1.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	1.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	0.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	0.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	0.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	0.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	0.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	0.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	0.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	0.	*	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	0.	*	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	0.	*	4	APR	1300	86	.00	.00	.00	0.
2	APR	1200	37	.00	.00	.00	0.	*	4	APR	1400	87	.00	.00	.00	0.
2	APR	1300	38	.00	.00	.00	0.	*	4	APR	1500	88	.00	.00	.00	0.

								day2.out								
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.				
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.				
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.				
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.				
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.				
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.				
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.				
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.				
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.				
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.				
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.				
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.				

TOTAL RAINFALL = .12, TOTAL LOSS = .00, TOTAL EXCESS = .12

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	10.	14.00	8.	4.	1.	1.
		(INCHES)	.065	.118	.119	.119
		(AC-FT)	4.	7.	7.	7.
CUMULATIVE AREA =			1.17 SQ MI			

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 386 KK * IA *
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INFLOW HYDROGRAPH FOR INDIAN-FESTIVAL BASIN

388 HC HYDROGRAPH COMBINATION
 ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION IA
 SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1	APR	0000	1	0.	*	2	APR	0100	26	7.	*	3	APR	0200	51	0.	*	4	APR	0300	76	0.	
1	APR	0100	2	0.	*	2	APR	0200	27	4.	*	3	APR	0300	52	0.	*	4	APR	0400	77	0.	
1	APR	0200	3	4.	*	2	APR	0300	28	2.	*	3	APR	0400	53	0.	*	4	APR	0500	78	0.	

day2.out																						
1	APR	0300	4	8.	*	2	APR	0400	29	1.	*	3	APR	0500	54	0.	*	4	APR	0600	79	0.
1	APR	0400	5	11.	*	2	APR	0500	30	0.	*	3	APR	0600	55	0.	*	4	APR	0700	80	0.
1	APR	0500	6	14.	*	2	APR	0600	31	0.	*	3	APR	0700	56	0.	*	4	APR	0800	81	0.
1	APR	0600	7	18.	*	2	APR	0700	32	0.	*	3	APR	0800	57	0.	*	4	APR	0900	82	0.
1	APR	0700	8	21.	*	2	APR	0800	33	0.	*	3	APR	0900	58	0.	*	4	APR	1000	83	0.
1	APR	0800	9	25.	*	2	APR	0900	34	0.	*	3	APR	1000	59	0.	*	4	APR	1100	84	0.
1	APR	0900	10	31.	*	2	APR	1000	35	0.	*	3	APR	1100	60	0.	*	4	APR	1200	85	0.
1	APR	1000	11	40.	*	2	APR	1100	36	0.	*	3	APR	1200	61	0.	*	4	APR	1300	86	0.
1	APR	1100	12	51.	*	2	APR	1200	37	0.	*	3	APR	1300	62	0.	*	4	APR	1400	87	0.
1	APR	1200	13	55.	*	2	APR	1300	38	0.	*	3	APR	1400	63	0.	*	4	APR	1500	88	0.
1	APR	1300	14	57.	*	2	APR	1400	39	0.	*	3	APR	1500	64	0.	*	4	APR	1600	89	0.
1	APR	1400	15	70.	*	2	APR	1500	40	0.	*	3	APR	1600	65	0.	*	4	APR	1700	90	0.
1	APR	1500	16	80.	*	2	APR	1600	41	0.	*	3	APR	1700	66	0.	*	4	APR	1800	91	0.
1	APR	1600	17	80.	*	2	APR	1700	42	0.	*	3	APR	1800	67	0.	*	4	APR	1900	92	0.
1	APR	1700	18	71.	*	2	APR	1800	43	0.	*	3	APR	1900	68	0.	*	4	APR	2000	93	0.
1	APR	1800	19	45.	*	2	APR	1900	44	0.	*	3	APR	2000	69	0.	*	4	APR	2100	94	0.
1	APR	1900	20	26.	*	2	APR	2000	45	0.	*	3	APR	2100	70	0.	*	4	APR	2200	95	0.
1	APR	2000	21	18.	*	2	APR	2100	46	0.	*	3	APR	2200	71	0.	*	4	APR	2300	96	0.
1	APR	2100	22	13.	*	2	APR	2200	47	0.	*	3	APR	2300	72	0.	*	5	APR	0000	97	0.
1	APR	2200	23	10.	*	2	APR	2300	48	0.	*	4	APR	0000	73	0.	*	5	APR	0100	98	0.
1	APR	2300	24	9.	*	3	APR	0000	49	0.	*	4	APR	0100	74	0.	*	5	APR	0200	99	0.
2	APR	0000	25	8.	*	3	APR	0100	50	0.	*	4	APR	0200	75	0.	*	5	APR	0300	100	0.

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW		
+	(CFS)	(HR)		24-HR	72-HR	99.00-HR
		(CFS)				
+	80.	16.00	68.	32.	11.	8.
		(INCHES)	.062	.117	.118	.118
		(AC-FT)	34.	64.	64.	64.
CUMULATIVE AREA =			10.20 SQ MI			

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389 KK

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INDIAN STREET (FESTIVAL) BASIN ROUTING

HYDROGRAPH ROUTING DATA

391 RS STORAGE ROUTING
 NSTPS 1 NUMBER OF SUBREACHES
 ITYP ELEV TYPE OF INITIAL CONDITION
 RSVRIC 1635.50 INITIAL CONDITION
 X .00 WORKING R AND D COEFFICIENT

392 SA	AREA	.0	.6	3.5	8.9	10.9	11.1	11.3	11.5	11.6	11.7
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			11.9	12.1	day2.out						
394 SE	ELEVATION	1635.50	1636.00	1637.00	1638.00	1639.00	1640.00	1641.00	1642.00	1643.00	1644.00
		1645.00	1646.00								
396 SQ	DISCHARGE	0.	15.	23.	56.	88.	117.	137.	155.	173.	189.
		205.	220.								

COMPUTED STORAGE-ELEVATION DATA

STORAGE	.00	.09	1.93	7.94	17.82	28.82	40.02	51.42	62.97	74.62
ELEVATION	1635.50	1636.00	1637.00	1638.00	1639.00	1640.00	1641.00	1642.00	1643.00	1644.00
STORAGE	86.42	98.42								
ELEVATION	1645.00	1646.00								

*** WARNING *** MODIFIED PULS ROUTING MAY BE NUMERICALLY UNSTABLE FOR OUTFLOWS BETWEEN 0. TO 15.
 THE ROUTED HYDROGRAPH SHOULD BE EXAMINED FOR OSCILLATIONS OR OUTFLOWS GREATER THAN PEAK INFLOWS.
 THIS CAN BE CORRECTED BY DECREASING THE TIME INTERVAL OR INCREASING STORAGE (USE A LONGER REACH.)

HYDROGRAPH AT STATION IB

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	APR	0000	1	0.	.0	1635.5	*	2	APR	1000	35	0.	.0	1635.5	*	3	APR	2000	69	0.	.0	1635.5
1	APR	0100	2	0.	.0	1635.5	*	2	APR	1100	36	0.	.0	1635.5	*	3	APR	2100	70	0.	.0	1635.5
1	APR	0200	3	4.	.0	1635.6	*	2	APR	1200	37	0.	.0	1635.5	*	3	APR	2200	71	0.	.0	1635.5
1	APR	0300	4	8.	.0	1635.8	*	2	APR	1300	38	0.	.0	1635.5	*	3	APR	2300	72	0.	.0	1635.5
1	APR	0400	5	11.	.1	1635.9	*	2	APR	1400	39	0.	.0	1635.5	*	4	APR	0000	73	0.	.0	1635.5
1	APR	0500	6	14.	.1	1636.0	*	2	APR	1500	40	0.	.0	1635.5	*	4	APR	0100	74	0.	.0	1635.5
1	APR	0600	7	15.	.2	1636.0	*	2	APR	1600	41	0.	.0	1635.5	*	4	APR	0200	75	0.	.0	1635.5
1	APR	0700	8	17.	.5	1636.2	*	2	APR	1700	42	0.	.0	1635.5	*	4	APR	0300	76	0.	.0	1635.5
1	APR	0800	9	19.	.9	1636.4	*	2	APR	1800	43	0.	.0	1635.5	*	4	APR	0400	77	0.	.0	1635.5
1	APR	0900	10	21.	1.6	1636.8	*	2	APR	1900	44	0.	.0	1635.5	*	4	APR	0500	78	0.	.0	1635.5
1	APR	1000	11	26.	2.5	1637.1	*	2	APR	2000	45	0.	.0	1635.5	*	4	APR	0600	79	0.	.0	1635.5
1	APR	1100	12	33.	3.8	1637.3	*	2	APR	2100	46	0.	.0	1635.5	*	4	APR	0700	80	0.	.0	1635.5
1	APR	1200	13	41.	5.1	1637.5	*	2	APR	2200	47	0.	.0	1635.5	*	4	APR	0800	81	0.	.0	1635.5
1	APR	1300	14	46.	6.2	1637.7	*	2	APR	2300	48	0.	.0	1635.5	*	4	APR	0900	82	0.	.0	1635.5
1	APR	1400	15	53.	7.3	1637.9	*	3	APR	0000	49	0.	.0	1635.5	*	4	APR	1000	83	0.	.0	1635.5
1	APR	1500	16	59.	8.9	1638.1	*	3	APR	0100	50	0.	.0	1635.5	*	4	APR	1100	84	0.	.0	1635.5
1	APR	1600	17	64.	10.4	1638.3	*	3	APR	0200	51	0.	.0	1635.5	*	4	APR	1200	85	0.	.0	1635.5
1	APR	1700	18	67.	11.3	1638.3	*	3	APR	0300	52	0.	.0	1635.5	*	4	APR	1300	86	0.	.0	1635.5
1	APR	1800	19	65.	10.6	1638.3	*	3	APR	0400	53	0.	.0	1635.5	*	4	APR	1400	87	0.	.0	1635.5
1	APR	1900	20	58.	8.5	1638.1	*	3	APR	0500	54	0.	.0	1635.5	*	4	APR	1500	88	0.	.0	1635.5
1	APR	2000	21	46.	6.0	1637.7	*	3	APR	0600	55	0.	.0	1635.5	*	4	APR	1600	89	0.	.0	1635.5
1	APR	2100	22	34.	4.0	1637.3	*	3	APR	0700	56	0.	.0	1635.5	*	4	APR	1700	90	0.	.0	1635.5
1	APR	2200	23	26.	2.5	1637.1	*	3	APR	0800	57	0.	.0	1635.5	*	4	APR	1800	91	0.	.0	1635.5
1	APR	2300	24	20.	1.3	1636.7	*	3	APR	0900	58	0.	.0	1635.5	*	4	APR	1900	92	0.	.0	1635.5
2	APR	0000	25	17.	.5	1636.2	*	3	APR	1000	59	0.	.0	1635.5	*	4	APR	2000	93	0.	.0	1635.5
2	APR	0100	26	8.	.1	1635.8	*	3	APR	1100	60	0.	.0	1635.5	*	4	APR	2100	94	0.	.0	1635.5
2	APR	0200	27	3.	.0	1635.6	*	3	APR	1200	61	0.	.0	1635.5	*	4	APR	2200	95	0.	.0	1635.5

day2.out																
2 APR 0300	28	2.	.0	1635.6	*	3 APR 1300	62	0.	.0	1635.5	*	4 APR 2300	96	0.	.0	1635.5
2 APR 0400	29	0.	.0	1635.5	*	3 APR 1400	63	0.	.0	1635.5	*	5 APR 0000	97	0.	.0	1635.5
2 APR 0500	30	1.	.0	1635.5	*	3 APR 1500	64	0.	.0	1635.5	*	5 APR 0100	98	0.	.0	1635.5
2 APR 0600	31	0.	.0	1635.5	*	3 APR 1600	65	0.	.0	1635.5	*	5 APR 0200	99	0.	.0	1635.5
2 APR 0700	32	0.	.0	1635.5	*	3 APR 1700	66	0.	.0	1635.5	*	5 APR 0300	100	0.	.0	1635.5
2 APR 0800	33	0.	.0	1635.5	*	3 APR 1800	67	0.	.0	1635.5	*					
2 APR 0900	34	0.	.0	1635.5	*	3 APR 1900	68	0.	.0	1635.5	*					

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	67.	17.00	60.	32.	11.	8.
		(INCHES)	.055	.117	.118	.118
		(AC-FT)	30.	64.	64.	64.

PEAK STORAGE	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(AC-FT)	(HR)				
	11.	17.00	9.	4.	1.	1.

PEAK STAGE	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(FEET)	(HR)				
	1638.34	17.00	1638.13	1637.00	1636.00	1635.87

CUMULATIVE AREA = 10.20 SQ MI

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 *
 398 KK * LA *
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TRIBUTARY AREA FOR LASSELLE BASIN

402 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 30 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 10 STARTING TIME
 UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH

SUBBASIN RUNOFF DATA

400 BA SUBBASIN CHARACTERISTICS
 TAREA .69 SUBBASIN AREA

PRECIPITATION DATA

401 PB STORM .13 BASIN TOTAL PRECIPITATION

day2.out

403 PI INCREMENTAL PRECIPITATION PATTERN
.00 .01 .01 .02 .02 .03 .03 .04 .05 .07
.08 .07 .08 .11 .11 .10 .07 .01 .02 .01
.01 .01 .01 .01 .01 .00

408 LU UNIFORM LOSS RATE
STRTL .00 INITIAL LOSS
CNSTL .00 UNIFORM LOSS RATE
RTIMP .00 PERCENT IMPERVIOUS AREA

408 UI INPUT UNITGRAPH, 2 ORDINATES, VOLUME = 1.00
429.0 16.0

HYDROGRAPH AT STATION LA

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	0.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	1.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	1.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	1.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	1.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	2.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	2.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.00	.00	.00	2.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	3.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	4.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	4.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	4.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	4.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.01	.00	.01	6.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	6.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	6.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	4.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	1.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	1.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	1.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	1.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	1.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	1.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	0.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	0.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	0.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	0.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	0.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	0.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	0.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	0.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	0.	*	4	APR	1000	83	.00	.00	.00	0.

								day2.out								
2 APR 0900	34	.00	.00	.00	0.	*	4 APR 1100	84	.00	.00	.00	0.				
2 APR 1000	35	.00	.00	.00	0.	*	4 APR 1200	85	.00	.00	.00	0.				
2 APR 1100	36	.00	.00	.00	0.	*	4 APR 1300	86	.00	.00	.00	0.				
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.				
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.				
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.				
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.				
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.				
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.				
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.				
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.				
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.				
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.				
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.				
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.				
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.				
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.				
						*										

TOTAL RAINFALL = .13, TOTAL LOSS = .00, TOTAL EXCESS = .13

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	
(CFS)	(HR)			24-HR	72-HR
+	6.	14.00	5.	2.	1.
		(CFS)			
+			.070	.127	.127
		(INCHES)			
		(AC-FT)	3.	5.	5.
CUMULATIVE AREA =			.69 SQ MI		

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 * *
 411 KK LB *
 * *

LASSELLE BASIN ROUTING

HYDROGRAPH ROUTING DATA

413 RS	STORAGE ROUTING							
	NSTPS	1	NUMBER OF SUBREACHES					
	ITYP	ELEV	TYPE OF INITIAL CONDITION					
	RSVRIC	1734.00	INITIAL CONDITION					
	X	.00	WORKING R AND D COEFFICIENT					
414 SV	STORAGE	.0	.5	1.8	4.3	9.8	29.0	47.5
415 SE	ELEVATION	1734.00	1735.00	1736.00	1737.00	1739.00	1742.00	1745.00

416 SQ	DISCHARGE	0.	20.	40.	day2.out 60.	75.	235.	800.
417 SE	ELEVATION	1734.00	1736.00	1739.00	1745.00	1745.50	1746.00	1747.00

COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	.50	1.75	4.25	9.75	29.00	47.50	50.58	53.67	59.83
OUTFLOW	.00	10.00	20.00	26.67	40.00	50.00	60.00	75.00	235.00	800.00
ELEVATION	1734.00	1735.00	1736.00	1737.00	1739.00	1742.00	1745.00	1745.50	1746.00	1747.00

*** WARNING *** MODIFIED PULS ROUTING MAY BE NUMERICALLY UNSTABLE FOR OUTFLOWS BETWEEN 75. TO 800.
 THE ROUTED HYDROGRAPH SHOULD BE EXAMINED FOR OSCILLATIONS OR OUTFLOWS GREATER THAN PEAK INFLOWS.
 THIS CAN BE CORRECTED BY DECREASING THE TIME INTERVAL OR INCREASING STORAGE (USE A LONGER REACH.)

HYDROGRAPH AT STATION LB

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*
1	APR	0000	1	0.	.0	1734.0	*	2	APR	1000	35	0.	.0	1734.0	*	3	APR	2000	69	0.	.0	1734.0	*
1	APR	0100	2	0.	.0	1734.0	*	2	APR	1100	36	0.	.0	1734.0	*	3	APR	2100	70	0.	.0	1734.0	*
1	APR	0200	3	0.	.0	1734.0	*	2	APR	1200	37	0.	.0	1734.0	*	3	APR	2200	71	0.	.0	1734.0	*
1	APR	0300	4	1.	.0	1734.1	*	2	APR	1300	38	0.	.0	1734.0	*	3	APR	2300	72	0.	.0	1734.0	*
1	APR	0400	5	1.	.0	1734.1	*	2	APR	1400	39	0.	.0	1734.0	*	4	APR	0000	73	0.	.0	1734.0	*
1	APR	0500	6	1.	.1	1734.1	*	2	APR	1500	40	0.	.0	1734.0	*	4	APR	0100	74	0.	.0	1734.0	*
1	APR	0600	7	1.	.1	1734.1	*	2	APR	1600	41	0.	.0	1734.0	*	4	APR	0200	75	0.	.0	1734.0	*
1	APR	0700	8	2.	.1	1734.2	*	2	APR	1700	42	0.	.0	1734.0	*	4	APR	0300	76	0.	.0	1734.0	*
1	APR	0800	9	2.	.1	1734.2	*	2	APR	1800	43	0.	.0	1734.0	*	4	APR	0400	77	0.	.0	1734.0	*
1	APR	0900	10	2.	.1	1734.2	*	2	APR	1900	44	0.	.0	1734.0	*	4	APR	0500	78	0.	.0	1734.0	*
1	APR	1000	11	3.	.2	1734.3	*	2	APR	2000	45	0.	.0	1734.0	*	4	APR	0600	79	0.	.0	1734.0	*
1	APR	1100	12	4.	.2	1734.4	*	2	APR	2100	46	0.	.0	1734.0	*	4	APR	0700	80	0.	.0	1734.0	*
1	APR	1200	13	4.	.2	1734.4	*	2	APR	2200	47	0.	.0	1734.0	*	4	APR	0800	81	0.	.0	1734.0	*
1	APR	1300	14	4.	.2	1734.4	*	2	APR	2300	48	0.	.0	1734.0	*	4	APR	0900	82	0.	.0	1734.0	*
1	APR	1400	15	5.	.3	1734.5	*	3	APR	0000	49	0.	.0	1734.0	*	4	APR	1000	83	0.	.0	1734.0	*
1	APR	1500	16	6.	.3	1734.6	*	3	APR	0100	50	0.	.0	1734.0	*	4	APR	1100	84	0.	.0	1734.0	*
1	APR	1600	17	6.	.3	1734.6	*	3	APR	0200	51	0.	.0	1734.0	*	4	APR	1200	85	0.	.0	1734.0	*
1	APR	1700	18	5.	.3	1734.5	*	3	APR	0300	52	0.	.0	1734.0	*	4	APR	1300	86	0.	.0	1734.0	*
1	APR	1800	19	3.	.1	1734.3	*	3	APR	0400	53	0.	.0	1734.0	*	4	APR	1400	87	0.	.0	1734.0	*
1	APR	1900	20	1.	.1	1734.1	*	3	APR	0500	54	0.	.0	1734.0	*	4	APR	1500	88	0.	.0	1734.0	*
1	APR	2000	21	1.	.0	1734.1	*	3	APR	0600	55	0.	.0	1734.0	*	4	APR	1600	89	0.	.0	1734.0	*
1	APR	2100	22	1.	.0	1734.1	*	3	APR	0700	56	0.	.0	1734.0	*	4	APR	1700	90	0.	.0	1734.0	*
1	APR	2200	23	1.	.0	1734.1	*	3	APR	0800	57	0.	.0	1734.0	*	4	APR	1800	91	0.	.0	1734.0	*
1	APR	2300	24	1.	.0	1734.1	*	3	APR	0900	58	0.	.0	1734.0	*	4	APR	1900	92	0.	.0	1734.0	*
2	APR	0000	25	1.	.0	1734.1	*	3	APR	1000	59	0.	.0	1734.0	*	4	APR	2000	93	0.	.0	1734.0	*
2	APR	0100	26	0.	.0	1734.0	*	3	APR	1100	60	0.	.0	1734.0	*	4	APR	2100	94	0.	.0	1734.0	*
2	APR	0200	27	0.	.0	1734.0	*	3	APR	1200	61	0.	.0	1734.0	*	4	APR	2200	95	0.	.0	1734.0	*
2	APR	0300	28	0.	.0	1734.0	*	3	APR	1300	62	0.	.0	1734.0	*	4	APR	2300	96	0.	.0	1734.0	*
2	APR	0400	29	0.	.0	1734.0	*	3	APR	1400	63	0.	.0	1734.0	*	5	APR	0000	97	0.	.0	1734.0	*
2	APR	0500	30	0.	.0	1734.0	*	3	APR	1500	64	0.	.0	1734.0	*	5	APR	0100	98	0.	.0	1734.0	*
2	APR	0600	31	0.	.0	1734.0	*	3	APR	1600	65	0.	.0	1734.0	*	5	APR	0200	99	0.	.0	1734.0	*
2	APR	0700	32	0.	.0	1734.0	*	3	APR	1700	66	0.	.0	1734.0	*	5	APR	0300	100	0.	.0	1734.0	*

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                                day2.out
2 APR 0800 33      0.      .0 1734.0 * 3 APR 1800 67      0.      .0 1734.0 *
2 APR 0900 34      0.      .0 1734.0 * 3 APR 1900 68      0.      .0 1734.0 *
                                *

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PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
+	6.	15.00	5.	2.	1.	1.
		(INCHES)	.068	.126	.127	.127
		(AC-FT)	3.	5.	5.	5.
PEAK STORAGE	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(AC-FT)	(HR)				
	0.	15.00	0.	0.	0.	0.
PEAK STAGE	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(FEET)	(HR)				
	1734.62	15.00	1734.51	1734.23	1734.08	1734.06
CUMULATIVE AREA =			.69 SQ MI			

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*****
*
418 KK      *
*          NA *
*          *
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TRIBUTARY AREA FOR NASON BASIN

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422 IN      TIME DATA FOR INPUT TIME SERIES
              JXMIN      30  TIME INTERVAL IN MINUTES
              JXDATE     1APR92  STARTING DATE
              JXTIME     10  STARTING TIME
              UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH

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SUBBASIN RUNOFF DATA

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420 BA      SUBBASIN CHARACTERISTICS
              TAREA      4.33  SUBBASIN AREA

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PRECIPITATION DATA

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421 PB      STORM      .14  BASIN TOTAL PRECIPITATION

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423 PI      INCREMENTAL PRECIPITATION PATTERN
              .00      .01      .01      .02      .02      .03      .03      .04      .05      .07
              .08      .07      .08      .11      .11      .10      .07      .01      .02      .01
              .01      .01      .01      .01      .01      .00

```

day2.out

428 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

428 UI INPUT UNITGRAPH, 5 ORDINATES, VOLUME = 1.00
 1923.0 641.0 175.0 27.0 26.0

HYDROGRAPH AT STATION NA

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	0.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	3.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	5.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	6.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	8.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	10.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	11.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	14.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	17.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	23.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	28.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	28.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	29.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	39.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	41.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	40.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	31.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	13.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	9.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	6.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	5.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	4.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	4.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	4.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	3.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	1.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	0.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	0.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	0.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	0.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	0.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	0.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	0.	*	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	0.	*	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	0.	*	4	APR	1300	86	.00	.00	.00	0.
2	APR	1200	37	.00	.00	.00	0.	*	4	APR	1400	87	.00	.00	.00	0.
2	APR	1300	38	.00	.00	.00	0.	*	4	APR	1500	88	.00	.00	.00	0.

										day2.out				
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.		
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.		
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.		
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.		
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.		
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.		
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.		
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.		
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.		
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.		
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.		
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.		
						*								

TOTAL RAINFALL = .14, TOTAL LOSS = .00, TOTAL EXCESS = .14

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	41.	15.00	34.	16.	5.	4.
		(INCHES)	.074	.136	.137	.137
		(AC-FT)	17.	31.	32.	32.
CUMULATIVE AREA =			4.33 SQ MI			

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 431 KK * NB *
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NASON BASIN ROUTING

HYDROGRAPH ROUTING DATA

433 RS	STORAGE ROUTING	1 NUMBER OF SUBREACHES									
		ELEV TYPE OF INITIAL CONDITION									
		RSVRIC 58.00 INITIAL CONDITION									
		X .00 WORKING R AND D COEFFICIENT									
434 SV	STORAGE	.0	5.1	21.8	47.6	357.0					
435 SE	ELEVATION	58.00	60.00	62.00	64.00	84.00					
436 SQ	DISCHARGE	0.	8.	30.	65.	113.	173.	239.	270.	296.	321.
		342.	363.	383.	419.	453.	484.	513.	541.	568.	593.
438 SE	ELEVATION	58.00	58.80	59.70	60.60	61.60	62.60	63.90	65.00	66.00	67.00
		68.00	69.00	70.00	72.00	74.00	76.00	78.00	80.00	82.00	84.00

day2.out

COMPUTED STORAGE-OUTFLOW-ELEVATION DATA

STORAGE	.00	2.04	4.34	5.10	10.11	18.46	21.80	29.54	46.31	47.60
OUTFLOW	.00	7.60	29.80	41.60	65.20	113.00	137.00	173.00	239.00	241.82
ELEVATION	58.00	58.80	59.70	60.00	60.60	61.60	62.00	62.60	63.90	64.00
STORAGE	63.07	78.54	94.01	109.48	124.95	140.42	171.36	202.30	233.24	264.18
OUTFLOW	270.00	296.40	320.70	342.00	363.00	382.70	419.20	452.80	484.00	513.40
ELEVATION	65.00	66.00	67.00	68.00	69.00	70.00	72.00	74.00	76.00	78.00
STORAGE	295.12	326.06	357.00							
OUTFLOW	541.20	567.60	592.80							
ELEVATION	80.00	82.00	84.00							

HYDROGRAPH AT STATION NB

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	APR	0000	1	0.	.0	58.0	*	2	APR	1000	35	0.	.1	58.0	*	3	APR	2000	69	0.	.0	58.0
1	APR	0100	2	0.	.0	58.0	*	2	APR	1100	36	0.	.1	58.0	*	3	APR	2100	70	0.	.0	58.0
1	APR	0200	3	1.	.1	58.1	*	2	APR	1200	37	0.	.1	58.0	*	3	APR	2200	71	0.	.0	58.0
1	APR	0300	4	1.	.4	58.2	*	2	APR	1300	38	0.	.0	58.0	*	3	APR	2300	72	0.	.0	58.0
1	APR	0400	5	3.	.7	58.3	*	2	APR	1400	39	0.	.0	58.0	*	4	APR	0000	73	0.	.0	58.0
1	APR	0500	6	4.	1.0	58.4	*	2	APR	1500	40	0.	.0	58.0	*	4	APR	0100	74	0.	.0	58.0
1	APR	0600	7	5.	1.4	58.5	*	2	APR	1600	41	0.	.0	58.0	*	4	APR	0200	75	0.	.0	58.0
1	APR	0700	8	7.	1.8	58.7	*	2	APR	1700	42	0.	.0	58.0	*	4	APR	0300	76	0.	.0	58.0
1	APR	0800	9	9.	2.2	58.8	*	2	APR	1800	43	0.	.0	58.0	*	4	APR	0400	77	0.	.0	58.0
1	APR	0900	10	13.	2.6	59.0	*	2	APR	1900	44	0.	.0	58.0	*	4	APR	0500	78	0.	.0	58.0
1	APR	1000	11	17.	3.0	59.2	*	2	APR	2000	45	0.	.0	58.0	*	4	APR	0600	79	0.	.0	58.0
1	APR	1100	12	22.	3.5	59.4	*	2	APR	2100	46	0.	.0	58.0	*	4	APR	0700	80	0.	.0	58.0
1	APR	1200	13	25.	3.9	59.5	*	2	APR	2200	47	0.	.0	58.0	*	4	APR	0800	81	0.	.0	58.0
1	APR	1300	14	27.	4.1	59.6	*	2	APR	2300	48	0.	.0	58.0	*	4	APR	0900	82	0.	.0	58.0
1	APR	1400	15	32.	4.4	59.7	*	3	APR	0000	49	0.	.0	58.0	*	4	APR	1000	83	0.	.0	58.0
1	APR	1500	16	38.	4.9	59.9	*	3	APR	0100	50	0.	.0	58.0	*	4	APR	1100	84	0.	.0	58.0
1	APR	1600	17	40.	5.0	60.0	*	3	APR	0200	51	0.	.0	58.0	*	4	APR	1200	85	0.	.0	58.0
1	APR	1700	18	36.	4.8	59.9	*	3	APR	0300	52	0.	.0	58.0	*	4	APR	1300	86	0.	.0	58.0
1	APR	1800	19	27.	4.0	59.6	*	3	APR	0400	53	0.	.0	58.0	*	4	APR	1400	87	0.	.0	58.0
1	APR	1900	20	18.	3.1	59.2	*	3	APR	0500	54	0.	.0	58.0	*	4	APR	1500	88	0.	.0	58.0
1	APR	2000	21	12.	2.5	59.0	*	3	APR	0600	55	0.	.0	58.0	*	4	APR	1600	89	0.	.0	58.0
1	APR	2100	22	8.	2.1	58.8	*	3	APR	0700	56	0.	.0	58.0	*	4	APR	1700	90	0.	.0	58.0
1	APR	2200	23	7.	1.9	58.7	*	3	APR	0800	57	0.	.0	58.0	*	4	APR	1800	91	0.	.0	58.0
1	APR	2300	24	6.	1.7	58.6	*	3	APR	0900	58	0.	.0	58.0	*	4	APR	1900	92	0.	.0	58.0
2	APR	0000	25	6.	1.5	58.6	*	3	APR	1000	59	0.	.0	58.0	*	4	APR	2000	93	0.	.0	58.0
2	APR	0100	26	5.	1.3	58.5	*	3	APR	1100	60	0.	.0	58.0	*	4	APR	2100	94	0.	.0	58.0
2	APR	0200	27	4.	1.1	58.4	*	3	APR	1200	61	0.	.0	58.0	*	4	APR	2200	95	0.	.0	58.0
2	APR	0300	28	3.	.8	58.3	*	3	APR	1300	62	0.	.0	58.0	*	4	APR	2300	96	0.	.0	58.0
2	APR	0400	29	2.	.6	58.2	*	3	APR	1400	63	0.	.0	58.0	*	5	APR	0000	97	0.	.0	58.0
2	APR	0500	30	2.	.5	58.2	*	3	APR	1500	64	0.	.0	58.0	*	5	APR	0100	98	0.	.0	58.0
2	APR	0600	31	1.	.3	58.1	*	3	APR	1600	65	0.	.0	58.0	*	5	APR	0200	99	0.	.0	58.0
2	APR	0700	32	1.	.2	58.1	*	3	APR	1700	66	0.	.0	58.0	*	5	APR	0300	100	0.	.0	58.0

2 APR 0800 33 1. .2 58.1 * 3 APR 1800 67 day2.out 0. .0 58.0 *
 2 APR 0900 34 0. .1 58.1 * 3 APR 1900 68 0. .0 58.0 *
 *

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	24-HR	72-HR	99.00-HR
+ (CFS)	(HR)						
		(CFS)					
+ 40.	16.00		33.	15.	5.	4.	
		(INCHES)	.071	.133	.137	.137	
		(AC-FT)	16.	31.	32.	32.	

PEAK STORAGE	TIME		6-HR	MAXIMUM AVERAGE STORAGE	24-HR	72-HR	99.00-HR
+ (AC-FT)	(HR)						
+ 5.	16.00		5.	3.	1.	1.	

PEAK STAGE	TIME		6-HR	MAXIMUM AVERAGE STAGE	24-HR	72-HR	99.00-HR
+ (FEET)	(HR)						
+ 59.96	16.00		59.77	59.03	58.36	58.26	

CUMULATIVE AREA = 4.33 SQ MI

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 440 KK * SA *
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AREA TRIBUTARY TO SINCLAIR BASIN

444 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 30 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 10 STARTING TIME
 UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH
 SINCLAIR BASIN ROUTING REMOVED TO REFLECT EXISTING CONDITIONS
 JCC 21 AUG 2009

SUBBASIN RUNOFF DATA

442 BA SUBBASIN CHARACTERISTICS
 TAREA 4.34 SUBBASIN AREA

PRECIPITATION DATA

443 PB STORM .13 BASIN TOTAL PRECIPITATION

445 PI INCREMENTAL PRECIPITATION PATTERN
 .00 .01 .01 .02 .02 .03 .03 .04 .05 .07

day2.out

.08 .07 .08 .11 .11 .10 .07 .01 .02 .01
.01 .01 .01 .01 .01 .00

450 LU UNIFORM LOSS RATE
STRTL .00 INITIAL LOSS
CNSTL .00 UNIFORM LOSS RATE
RTIMP .00 PERCENT IMPERVIOUS AREA

450 UI INPUT UNITGRAPH, 5 ORDINATES, VOLUME = 1.00
1969.0 624.0 156.0 28.0 22.0

HYDROGRAPH AT STATION SA

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	0.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	3.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	5.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	6.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	8.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	9.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	11.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	13.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	17.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	22.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	27.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	27.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	28.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.01	.00	.01	38.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	39.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	38.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	30.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	12.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	8.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	6.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	5.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	4.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	4.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	3.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	3.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	1.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	0.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	0.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	0.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	0.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	0.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	0.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	0.	*	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	0.	*	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	0.	*	4	APR	1300	86	.00	.00	.00	0.

										day2.out					
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.			
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.			
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.			
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.			
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.			
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.			
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.			
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.			
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.			
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.			
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.			
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.			
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.			
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.			
										*					

TOTAL RAINFALL = .13, TOTAL LOSS = .00, TOTAL EXCESS = .13

PEAK FLOW		TIME		MAXIMUM AVERAGE FLOW			
				6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)	(CFS)				
+	39.	15.00		33.	15.	5.	4.
			(INCHES)	.071	.130	.131	.131
			(AC-FT)	16.	30.	30.	30.
			CUMULATIVE AREA =		4.34 SQ MI		

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455 KK

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CP1

COMBINE ALL SUNNY/MOR BASIN OUTFLOWS

457 HC

HYDROGRAPH COMBINATION

ICOMP 4

NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION

SUM OF 4 HYDROGRAPHS

CP1

					*						*						*					
DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1 APR 0000	1	0.	*	2 APR 0100	26	16.	*	3 APR 0200	51	0.	*	4 APR 0300	76	0.								

day2.out

1 APR 0100	2	1.	*	2 APR 0200	27	8.	*	3 APR 0300	52	0.	*	4 APR 0400	77	0.
1 APR 0200	3	8.	*	2 APR 0300	28	6.	*	3 APR 0400	53	0.	*	4 APR 0500	78	0.
1 APR 0300	4	14.	*	2 APR 0400	29	2.	*	3 APR 0500	54	0.	*	4 APR 0600	79	0.
1 APR 0400	5	20.	*	2 APR 0500	30	2.	*	3 APR 0600	55	0.	*	4 APR 0700	80	0.
1 APR 0500	6	26.	*	2 APR 0600	31	1.	*	3 APR 0700	56	0.	*	4 APR 0800	81	0.
1 APR 0600	7	31.	*	2 APR 0700	32	1.	*	3 APR 0800	57	0.	*	4 APR 0900	82	0.
1 APR 0700	8	36.	*	2 APR 0800	33	1.	*	3 APR 0900	58	0.	*	4 APR 1000	83	0.
1 APR 0800	9	42.	*	2 APR 0900	34	1.	*	3 APR 1000	59	0.	*	4 APR 1100	84	0.
1 APR 0900	10	53.	*	2 APR 1000	35	0.	*	3 APR 1100	60	0.	*	4 APR 1200	85	0.
1 APR 1000	11	68.	*	2 APR 1100	36	0.	*	3 APR 1200	61	0.	*	4 APR 1300	86	0.
1 APR 1100	12	86.	*	2 APR 1200	37	0.	*	3 APR 1300	62	0.	*	4 APR 1400	87	0.
1 APR 1200	13	97.	*	2 APR 1300	38	0.	*	3 APR 1400	63	0.	*	4 APR 1500	88	0.
1 APR 1300	14	106.	*	2 APR 1400	39	0.	*	3 APR 1500	64	0.	*	4 APR 1600	89	0.
1 APR 1400	15	127.	*	2 APR 1500	40	0.	*	3 APR 1600	65	0.	*	4 APR 1700	90	0.
1 APR 1500	16	143.	*	2 APR 1600	41	0.	*	3 APR 1700	66	0.	*	4 APR 1800	91	0.
1 APR 1600	17	148.	*	2 APR 1700	42	0.	*	3 APR 1800	67	0.	*	4 APR 1900	92	0.
1 APR 1700	18	138.	*	2 APR 1800	43	0.	*	3 APR 1900	68	0.	*	4 APR 2000	93	0.
1 APR 1800	19	107.	*	2 APR 1900	44	0.	*	3 APR 2000	69	0.	*	4 APR 2100	94	0.
1 APR 1900	20	85.	*	2 APR 2000	45	0.	*	3 APR 2100	70	0.	*	4 APR 2200	95	0.
1 APR 2000	21	64.	*	2 APR 2100	46	0.	*	3 APR 2200	71	0.	*	4 APR 2300	96	0.
1 APR 2100	22	48.	*	2 APR 2200	47	0.	*	3 APR 2300	72	0.	*	5 APR 0000	97	0.
1 APR 2200	23	38.	*	2 APR 2300	48	0.	*	4 APR 0000	73	0.	*	5 APR 0100	98	0.
1 APR 2300	24	31.	*	3 APR 0000	49	0.	*	4 APR 0100	74	0.	*	5 APR 0200	99	0.
2 APR 0000	25	26.	*	3 APR 0100	50	0.	*	4 APR 0200	75	0.	*	5 APR 0300	100	0.
			*				*				*			

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW		
			6-HR	24-HR	72-HR
+	(CFS)	(HR)			
		(CFS)			
+	148.	16.00	127.	65.	22.
		(INCHES)	.060	.123	.125
		(AC-FT)	63.	129.	131.

CUMULATIVE AREA = 19.56 SQ MI

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 458 KK * CP4A *
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TOTAL WATERSHED ABOVE CP4 EXCLUDING BASIN AREAS

462 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 30 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 10 STARTING TIME
 UHG FROM VALLEY S-GRAPH

SUBBASIN RUNOFF DATA

day2.out

460 BA SUBBASIN CHARACTERISTICS
TAREA 62.87 SUBBASIN AREA

PRECIPITATION DATA

461 PB STORM .10 BASIN TOTAL PRECIPITATION

463 PI INCREMENTAL PRECIPITATION PATTERN

.00	.01	.01	.02	.02	.03	.03	.04	.05	.07
.08	.07	.08	.11	.11	.10	.07	.01	.02	.01
.01	.01	.01	.01	.01	.00				

468 LU UNIFORM LOSS RATE

STRTL	.00	INITIAL LOSS
CNSTL	.00	UNIFORM LOSS RATE
RTIMP	.00	PERCENT IMPERVIOUS AREA

468 UI INPUT UNITGRAPH, 11 ORDINATES, VOLUME = 1.00
13598.0 14837.0 4768.0 2487.0 1625.0 1087.0 788.0 579.0 300.0 300.0
182.0

HYDROGRAPH AT STATION CP4A

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	2.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	20.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	40.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	55.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	71.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	89.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	107.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.00	.00	.00	129.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	161.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	208.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	263.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	288.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	299.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.01	.00	.01	364.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	420.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	425.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	381.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	256.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	160.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	123.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	95.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	78.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	65.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	55.	*	4	APR	0200	75	.00	.00	.00	0.

										day2.out				
2 APR 0100	26	.00	.00	.00	44.	*	4 APR 0300	76	.00	.00	.00	0.		
2 APR 0200	27	.00	.00	.00	27.	*	4 APR 0400	77	.00	.00	.00	0.		
2 APR 0300	28	.00	.00	.00	13.	*	4 APR 0500	78	.00	.00	.00	0.		
2 APR 0400	29	.00	.00	.00	7.	*	4 APR 0600	79	.00	.00	.00	0.		
2 APR 0500	30	.00	.00	.00	5.	*	4 APR 0700	80	.00	.00	.00	0.		
2 APR 0600	31	.00	.00	.00	3.	*	4 APR 0800	81	.00	.00	.00	0.		
2 APR 0700	32	.00	.00	.00	2.	*	4 APR 0900	82	.00	.00	.00	0.		
2 APR 0800	33	.00	.00	.00	1.	*	4 APR 1000	83	.00	.00	.00	0.		
2 APR 0900	34	.00	.00	.00	1.	*	4 APR 1100	84	.00	.00	.00	0.		
2 APR 1000	35	.00	.00	.00	0.	*	4 APR 1200	85	.00	.00	.00	0.		
2 APR 1100	36	.00	.00	.00	0.	*	4 APR 1300	86	.00	.00	.00	0.		
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.		
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.		
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.		
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.		
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.		
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.		
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.		
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.		
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.		
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.		
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.		
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.		
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.		
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.		

TOTAL RAINFALL = .10, TOTAL LOSS = .00, TOTAL EXCESS = .10

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	425.	16.00	360.	175.	59.	43.
		(INCHES)	.053	.104	.105	.105
		(AC-FT)	179.	347.	352.	352.

CUMULATIVE AREA = 62.87 SQ MI

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472 KK

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* SEATA *
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AREA TRIBUTARY TO SEATON BASIN

476 IN

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TIME DATA FOR INPUT TIME SERIES
JXMIN      30  TIME INTERVAL IN MINUTES
JXDATE     1APR92  STARTING DATE
JXTIME      10  STARTING TIME

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day2.out
 UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH
 SEATON BASIN ROUTING REMOVED TO REFLECT EXISTING CONDITIONS
 JCC 21 AUG 2009

SUBBASIN RUNOFF DATA

474 BA SUBBASIN CHARACTERISTICS
 TAREA 3.01 SUBBASIN AREA

PRECIPITATION DATA

475 PB STORM .12 BASIN TOTAL PRECIPITATION

477 PI INCREMENTAL PRECIPITATION PATTERN
 .00 .01 .01 .02 .02 .03 .03 .04 .05 .07
 .08 .07 .08 .11 .11 .10 .07 .01 .02 .01
 .01 .01 .01 .01 .01 .00

482 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

482 UI INPUT UNITGRAPH, 5 ORDINATES, VOLUME = 1.00
 1433.0 398.0 80.0 21.0 9.0

HYDROGRAPH AT STATION SEATA

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	0.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	2.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	3.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	4.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	5.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	6.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	7.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.00	.00	.00	9.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	11.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	14.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	17.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	17.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	18.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.01	.00	.01	24.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	25.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	24.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	19.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	7.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	5.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	4.	*	3	APR	2200	71	.00	.00	.00	0.

										day2.out										
1	APR	2100	22	.00	.00	.00	3.	*	3	APR	2300	72	.00	.00	.00	0.				
1	APR	2200	23	.00	.00	.00	3.	*	4	APR	0000	73	.00	.00	.00	0.				
1	APR	2300	24	.00	.00	.00	2.	*	4	APR	0100	74	.00	.00	.00	0.				
2	APR	0000	25	.00	.00	.00	2.	*	4	APR	0200	75	.00	.00	.00	0.				
2	APR	0100	26	.00	.00	.00	2.	*	4	APR	0300	76	.00	.00	.00	0.				
2	APR	0200	27	.00	.00	.00	0.	*	4	APR	0400	77	.00	.00	.00	0.				
2	APR	0300	28	.00	.00	.00	0.	*	4	APR	0500	78	.00	.00	.00	0.				
2	APR	0400	29	.00	.00	.00	0.	*	4	APR	0600	79	.00	.00	.00	0.				
2	APR	0500	30	.00	.00	.00	0.	*	4	APR	0700	80	.00	.00	.00	0.				
2	APR	0600	31	.00	.00	.00	0.	*	4	APR	0800	81	.00	.00	.00	0.				
2	APR	0700	32	.00	.00	.00	0.	*	4	APR	0900	82	.00	.00	.00	0.				
2	APR	0800	33	.00	.00	.00	0.	*	4	APR	1000	83	.00	.00	.00	0.				
2	APR	0900	34	.00	.00	.00	0.	*	4	APR	1100	84	.00	.00	.00	0.				
2	APR	1000	35	.00	.00	.00	0.	*	4	APR	1200	85	.00	.00	.00	0.				
2	APR	1100	36	.00	.00	.00	0.	*	4	APR	1300	86	.00	.00	.00	0.				
2	APR	1200	37	.00	.00	.00	0.	*	4	APR	1400	87	.00	.00	.00	0.				
2	APR	1300	38	.00	.00	.00	0.	*	4	APR	1500	88	.00	.00	.00	0.				
2	APR	1400	39	.00	.00	.00	0.	*	4	APR	1600	89	.00	.00	.00	0.				
2	APR	1500	40	.00	.00	.00	0.	*	4	APR	1700	90	.00	.00	.00	0.				
2	APR	1600	41	.00	.00	.00	0.	*	4	APR	1800	91	.00	.00	.00	0.				
2	APR	1700	42	.00	.00	.00	0.	*	4	APR	1900	92	.00	.00	.00	0.				
2	APR	1800	43	.00	.00	.00	0.	*	4	APR	2000	93	.00	.00	.00	0.				
2	APR	1900	44	.00	.00	.00	0.	*	4	APR	2100	94	.00	.00	.00	0.				
2	APR	2000	45	.00	.00	.00	0.	*	4	APR	2200	95	.00	.00	.00	0.				
2	APR	2100	46	.00	.00	.00	0.	*	4	APR	2300	96	.00	.00	.00	0.				
2	APR	2200	47	.00	.00	.00	0.	*	5	APR	0000	97	.00	.00	.00	0.				
2	APR	2300	48	.00	.00	.00	0.	*	5	APR	0100	98	.00	.00	.00	0.				
3	APR	0000	49	.00	.00	.00	0.	*	5	APR	0200	99	.00	.00	.00	0.				
3	APR	0100	50	.00	.00	.00	0.	*	5	APR	0300	100	.00	.00	.00	0.				

TOTAL RAINFALL = .12, TOTAL LOSS = .00, TOTAL EXCESS = .12

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	25.	15.00	21.	10.	3.	2.
		(INCHES)	.066	.120	.121	.121
		(AC-FT)	11.	19.	19.	19.

CUMULATIVE AREA = 3.01 SQ MI

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 * *
 487 KK * CP4 *
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TOTAL HYDROGRAPH AT CP4 / NUEVO ROAD

489 HC

HYDROGRAPH COMBINATION
ICOMP

3 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION CP4
SUM OF 3 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1	APR	0000	1	0.	*	2	APR	0100	26	62.	*	3	APR	0200	51	0.	*	4	APR	0300	76	0.	*
1	APR	0100	2	4.	*	2	APR	0200	27	36.	*	3	APR	0300	52	0.	*	4	APR	0400	77	0.	*
1	APR	0200	3	30.	*	2	APR	0300	28	19.	*	3	APR	0400	53	0.	*	4	APR	0500	78	0.	*
1	APR	0300	4	57.	*	2	APR	0400	29	10.	*	3	APR	0500	54	0.	*	4	APR	0600	79	0.	*
1	APR	0400	5	79.	*	2	APR	0500	30	7.	*	3	APR	0600	55	0.	*	4	APR	0700	80	0.	*
1	APR	0500	6	102.	*	2	APR	0600	31	4.	*	3	APR	0700	56	0.	*	4	APR	0800	81	0.	*
1	APR	0600	7	127.	*	2	APR	0700	32	3.	*	3	APR	0800	57	0.	*	4	APR	0900	82	0.	*
1	APR	0700	8	150.	*	2	APR	0800	33	2.	*	3	APR	0900	58	0.	*	4	APR	1000	83	0.	*
1	APR	0800	9	180.	*	2	APR	0900	34	1.	*	3	APR	1000	59	0.	*	4	APR	1100	84	0.	*
1	APR	0900	10	225.	*	2	APR	1000	35	1.	*	3	APR	1100	60	0.	*	4	APR	1200	85	0.	*
1	APR	1000	11	291.	*	2	APR	1100	36	0.	*	3	APR	1200	61	0.	*	4	APR	1300	86	0.	*
1	APR	1100	12	366.	*	2	APR	1200	37	0.	*	3	APR	1300	62	0.	*	4	APR	1400	87	0.	*
1	APR	1200	13	402.	*	2	APR	1300	38	0.	*	3	APR	1400	63	0.	*	4	APR	1500	88	0.	*
1	APR	1300	14	423.	*	2	APR	1400	39	0.	*	3	APR	1500	64	0.	*	4	APR	1600	89	0.	*
1	APR	1400	15	515.	*	2	APR	1500	40	0.	*	3	APR	1600	65	0.	*	4	APR	1700	90	0.	*
1	APR	1500	16	588.	*	2	APR	1600	41	0.	*	3	APR	1700	66	0.	*	4	APR	1800	91	0.	*
1	APR	1600	17	597.	*	2	APR	1700	42	0.	*	3	APR	1800	67	0.	*	4	APR	1900	92	0.	*
1	APR	1700	18	538.	*	2	APR	1800	43	0.	*	3	APR	1900	68	0.	*	4	APR	2000	93	0.	*
1	APR	1800	19	370.	*	2	APR	1900	44	0.	*	3	APR	2000	69	0.	*	4	APR	2100	94	0.	*
1	APR	1900	20	249.	*	2	APR	2000	45	0.	*	3	APR	2100	70	0.	*	4	APR	2200	95	0.	*
1	APR	2000	21	190.	*	2	APR	2100	46	0.	*	3	APR	2200	71	0.	*	4	APR	2300	96	0.	*
1	APR	2100	22	146.	*	2	APR	2200	47	0.	*	3	APR	2300	72	0.	*	5	APR	0000	97	0.	*
1	APR	2200	23	118.	*	2	APR	2300	48	0.	*	4	APR	0000	73	0.	*	5	APR	0100	98	0.	*
1	APR	2300	24	99.	*	3	APR	0000	49	0.	*	4	APR	0100	74	0.	*	5	APR	0200	99	0.	*
2	APR	0000	25	83.	*	3	APR	0100	50	0.	*	4	APR	0200	75	0.	*	5	APR	0300	100	0.	*

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	99.00-HR
(CFS)	(HR)			24-HR	
+		(CFS)			
+	597.	16.00	508.	250.	84.
		(INCHES)	.055	.109	.110
		(AC-FT)	252.	495.	502.

CUMULATIVE AREA = 85.44 SQ MI

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day2.out

490 KK

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* COMB *
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COMBINED PERRIS VALLEY WITH THE PREVIOUS HYDROGRAPHS

492 HC HYDROGRAPH COMBINATION
ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION COMB
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1	APR	0000	1	0.	*	2	APR	0100	26	158.	*	3	APR	0200	51	115.	*	4	APR	0300	76	192.
1	APR	0100	2	5.	*	2	APR	0200	27	130.	*	3	APR	0300	52	115.	*	4	APR	0400	77	197.
1	APR	0200	3	39.	*	2	APR	0300	28	110.	*	3	APR	0400	53	116.	*	4	APR	0500	78	202.
1	APR	0300	4	74.	*	2	APR	0400	29	102.	*	3	APR	0500	54	117.	*	4	APR	0600	79	207.
1	APR	0400	5	103.	*	2	APR	0500	30	102.	*	3	APR	0600	55	118.	*	4	APR	0700	80	212.
1	APR	0500	6	134.	*	2	APR	0600	31	101.	*	3	APR	0700	56	119.	*	4	APR	0800	81	216.
1	APR	0600	7	167.	*	2	APR	0700	32	102.	*	3	APR	0800	57	121.	*	4	APR	0900	82	221.
1	APR	0700	8	199.	*	2	APR	0800	33	103.	*	3	APR	0900	58	123.	*	4	APR	1000	83	226.
1	APR	0800	9	240.	*	2	APR	0900	34	104.	*	3	APR	1000	59	125.	*	4	APR	1100	84	231.
1	APR	0900	10	300.	*	2	APR	1000	35	106.	*	3	APR	1100	60	128.	*	4	APR	1200	85	236.
1	APR	1000	11	389.	*	2	APR	1100	36	108.	*	3	APR	1200	61	130.	*	4	APR	1300	86	241.
1	APR	1100	12	487.	*	2	APR	1200	37	109.	*	3	APR	1300	62	133.	*	4	APR	1400	87	245.
1	APR	1200	13	538.	*	2	APR	1300	38	110.	*	3	APR	1400	63	136.	*	4	APR	1500	88	250.
1	APR	1300	14	571.	*	2	APR	1400	39	111.	*	3	APR	1500	64	140.	*	4	APR	1600	89	254.
1	APR	1400	15	694.	*	2	APR	1500	40	112.	*	3	APR	1600	65	143.	*	4	APR	1700	90	259.
1	APR	1500	16	796.	*	2	APR	1600	41	112.	*	3	APR	1700	66	147.	*	4	APR	1800	91	263.
1	APR	1600	17	810.	*	2	APR	1700	42	113.	*	3	APR	1800	67	151.	*	4	APR	1900	92	267.
1	APR	1700	18	737.	*	2	APR	1800	43	113.	*	3	APR	1900	68	155.	*	4	APR	2000	93	271.
1	APR	1800	19	525.	*	2	APR	1900	44	113.	*	3	APR	2000	69	159.	*	4	APR	2100	94	275.
1	APR	1900	20	370.	*	2	APR	2000	45	113.	*	3	APR	2100	70	163.	*	4	APR	2200	95	279.
1	APR	2000	21	298.	*	2	APR	2100	46	114.	*	3	APR	2200	71	168.	*	4	APR	2300	96	283.
1	APR	2100	22	247.	*	2	APR	2200	47	114.	*	3	APR	2300	72	173.	*	5	APR	0000	97	287.
1	APR	2200	23	216.	*	2	APR	2300	48	114.	*	4	APR	0000	73	177.	*	5	APR	0100	98	290.
1	APR	2300	24	196.	*	3	APR	0000	49	114.	*	4	APR	0100	74	182.	*	5	APR	0200	99	294.
2	APR	0000	25	180.	*	3	APR	0100	50	114.	*	4	APR	0200	75	187.	*	5	APR	0300	100	297.

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	99.00-HR
(CFS)	(HR)			24-HR	72-HR
+	810.	16.00	690.	358.	207.
			.012	.024	.042
		(INCHES)	342.	710.	1235.
		(AC-FT)			1711.

day2.out

CUMULATIVE AREA = 549.92 SQ MI

*** **

* *
493 KK * 15B * ROMOLAND SUB-AREA (B-SYSTEM)
* *

COMBINE DRAINAGE AREA FOR LINE B AT THE UPSTREAM OF I-215
PER CDJ. HYDROLOGY INFO. WERE TAKEN FROM MDP BACKUPS
UHG 30%Foothill

499 IN TIME DATA FOR INPUT TIME SERIES
JXMIN 15 TIME INTERVAL IN MINUTES
JXDATE 1APR92 STARTING DATE
JXTIME 15 STARTING TIME
UHG FROM AVERAGE FULLERTON - SAN JOSE S-GRAPH

SUBBASIN RUNOFF DATA

497 BA SUBBASIN CHARACTERISTICS
TAREA 4.27 SUBBASIN AREA
SNAP .00 NORMAL ANNUAL PRECIPITATION
RATIO .30 RATIO OF HYDROGRAPH

PRECIPITATION DATA

498 PB STORM .13 BASIN TOTAL PRECIPITATION

500 PI INCREMENTAL PRECIPITATION PATTERN
.00 .01 .01 .02 .02 .03 .03 .04 .05 .07
.08 .07 .08 .12 .11 .10 .06 .02 .02 .01
.01 .01 .01 .01 .01 .00

510 LU UNIFORM LOSS RATE
STRTL .00 INITIAL LOSS
CNSTL .00 UNIFORM LOSS RATE
RTIMP .00 PERCENT IMPERVIOUS AREA

510 UI INPUT UNITGRAPH, 5 ORDINATES, VOLUME = 1.00
1981.0 593.0 134.0 29.0 18.0

HYDROGRAPH AT STATION 15B

*
DA MON HRMN ORD RAIN LOSS EXCESS COMP Q * DA MON HRMN ORD RAIN LOSS EXCESS COMP Q

day2.out

1 APR 0000	1	.00	.00	.00	0.	*	3 APR 0200	51	.00	.00	.00	0.
1 APR 0100	2	.00	.00	.00	0.	*	3 APR 0300	52	.00	.00	.00	0.
1 APR 0200	3	.00	.00	.00	3.	*	3 APR 0400	53	.00	.00	.00	0.
1 APR 0300	4	.00	.00	.00	4.	*	3 APR 0500	54	.00	.00	.00	0.
1 APR 0400	5	.00	.00	.00	6.	*	3 APR 0600	55	.00	.00	.00	0.
1 APR 0500	6	.00	.00	.00	7.	*	3 APR 0700	56	.00	.00	.00	0.
1 APR 0600	7	.00	.00	.00	9.	*	3 APR 0800	57	.00	.00	.00	0.
1 APR 0700	8	.00	.00	.00	11.	*	3 APR 0900	58	.00	.00	.00	0.
1 APR 0800	9	.00	.00	.00	13.	*	3 APR 1000	59	.00	.00	.00	0.
1 APR 0900	10	.01	.00	.01	16.	*	3 APR 1100	60	.00	.00	.00	0.
1 APR 1000	11	.01	.00	.01	21.	*	3 APR 1200	61	.00	.00	.00	0.
1 APR 1100	12	.01	.00	.01	26.	*	3 APR 1300	62	.00	.00	.00	0.
1 APR 1200	13	.01	.00	.01	26.	*	3 APR 1400	63	.00	.00	.00	0.
1 APR 1300	14	.01	.00	.01	27.	*	3 APR 1500	64	.00	.00	.00	0.
1 APR 1400	15	.01	.00	.01	37.	*	3 APR 1600	65	.00	.00	.00	0.
1 APR 1500	16	.01	.00	.01	37.	*	3 APR 1700	66	.00	.00	.00	0.
1 APR 1600	17	.01	.00	.01	36.	*	3 APR 1800	67	.00	.00	.00	0.
1 APR 1700	18	.01	.00	.01	26.	*	3 APR 1900	68	.00	.00	.00	0.
1 APR 1800	19	.00	.00	.00	11.	*	3 APR 2000	69	.00	.00	.00	0.
1 APR 1900	20	.00	.00	.00	7.	*	3 APR 2100	70	.00	.00	.00	0.
1 APR 2000	21	.00	.00	.00	5.	*	3 APR 2200	71	.00	.00	.00	0.
1 APR 2100	22	.00	.00	.00	4.	*	3 APR 2300	72	.00	.00	.00	0.
1 APR 2200	23	.00	.00	.00	4.	*	4 APR 0000	73	.00	.00	.00	0.
1 APR 2300	24	.00	.00	.00	4.	*	4 APR 0100	74	.00	.00	.00	0.
2 APR 0000	25	.00	.00	.00	3.	*	4 APR 0200	75	.00	.00	.00	0.
2 APR 0100	26	.00	.00	.00	2.	*	4 APR 0300	76	.00	.00	.00	0.
2 APR 0200	27	.00	.00	.00	1.	*	4 APR 0400	77	.00	.00	.00	0.
2 APR 0300	28	.00	.00	.00	0.	*	4 APR 0500	78	.00	.00	.00	0.
2 APR 0400	29	.00	.00	.00	0.	*	4 APR 0600	79	.00	.00	.00	0.
2 APR 0500	30	.00	.00	.00	0.	*	4 APR 0700	80	.00	.00	.00	0.
2 APR 0600	31	.00	.00	.00	0.	*	4 APR 0800	81	.00	.00	.00	0.
2 APR 0700	32	.00	.00	.00	0.	*	4 APR 0900	82	.00	.00	.00	0.
2 APR 0800	33	.00	.00	.00	0.	*	4 APR 1000	83	.00	.00	.00	0.
2 APR 0900	34	.00	.00	.00	0.	*	4 APR 1100	84	.00	.00	.00	0.
2 APR 1000	35	.00	.00	.00	0.	*	4 APR 1200	85	.00	.00	.00	0.
2 APR 1100	36	.00	.00	.00	0.	*	4 APR 1300	86	.00	.00	.00	0.
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.

TOTAL RAINFALL = .13, TOTAL LOSS = .00, TOTAL EXCESS = .13

PEAK FLOW TIME

MAXIMUM AVERAGE FLOW

				day2.out	
			6-HR	24-HR	72-HR 99.00-HR
+	(CFS)	(HR)			
+	37.	15.00	(CFS)		
			31.	14.	5.
		(INCHES)	.068	.125	.126
		(AC-FT)	16.	29.	29.

CUMULATIVE AREA = 4.27 SQ MI

HYDROGRAPH MULTIPLIED BY .30

HYDROGRAPH AT STATION 15B

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1	APR	0000	1	0.	*	2	APR	0100	26	1.	*	3	APR	0200	51	0.	*	4	APR	0300	76	0.	*
1	APR	0100	2	0.	*	2	APR	0200	27	0.	*	3	APR	0300	52	0.	*	4	APR	0400	77	0.	*
1	APR	0200	3	1.	*	2	APR	0300	28	0.	*	3	APR	0400	53	0.	*	4	APR	0500	78	0.	*
1	APR	0300	4	1.	*	2	APR	0400	29	0.	*	3	APR	0500	54	0.	*	4	APR	0600	79	0.	*
1	APR	0400	5	2.	*	2	APR	0500	30	0.	*	3	APR	0600	55	0.	*	4	APR	0700	80	0.	*
1	APR	0500	6	2.	*	2	APR	0600	31	0.	*	3	APR	0700	56	0.	*	4	APR	0800	81	0.	*
1	APR	0600	7	3.	*	2	APR	0700	32	0.	*	3	APR	0800	57	0.	*	4	APR	0900	82	0.	*
1	APR	0700	8	3.	*	2	APR	0800	33	0.	*	3	APR	0900	58	0.	*	4	APR	1000	83	0.	*
1	APR	0800	9	4.	*	2	APR	0900	34	0.	*	3	APR	1000	59	0.	*	4	APR	1100	84	0.	*
1	APR	0900	10	5.	*	2	APR	1000	35	0.	*	3	APR	1100	60	0.	*	4	APR	1200	85	0.	*
1	APR	1000	11	6.	*	2	APR	1100	36	0.	*	3	APR	1200	61	0.	*	4	APR	1300	86	0.	*
1	APR	1100	12	8.	*	2	APR	1200	37	0.	*	3	APR	1300	62	0.	*	4	APR	1400	87	0.	*
1	APR	1200	13	8.	*	2	APR	1300	38	0.	*	3	APR	1400	63	0.	*	4	APR	1500	88	0.	*
1	APR	1300	14	8.	*	2	APR	1400	39	0.	*	3	APR	1500	64	0.	*	4	APR	1600	89	0.	*
1	APR	1400	15	11.	*	2	APR	1500	40	0.	*	3	APR	1600	65	0.	*	4	APR	1700	90	0.	*
1	APR	1500	16	11.	*	2	APR	1600	41	0.	*	3	APR	1700	66	0.	*	4	APR	1800	91	0.	*
1	APR	1600	17	11.	*	2	APR	1700	42	0.	*	3	APR	1800	67	0.	*	4	APR	1900	92	0.	*
1	APR	1700	18	8.	*	2	APR	1800	43	0.	*	3	APR	1900	68	0.	*	4	APR	2000	93	0.	*
1	APR	1800	19	3.	*	2	APR	1900	44	0.	*	3	APR	2000	69	0.	*	4	APR	2100	94	0.	*
1	APR	1900	20	2.	*	2	APR	2000	45	0.	*	3	APR	2100	70	0.	*	4	APR	2200	95	0.	*
1	APR	2000	21	2.	*	2	APR	2100	46	0.	*	3	APR	2200	71	0.	*	4	APR	2300	96	0.	*
1	APR	2100	22	1.	*	2	APR	2200	47	0.	*	3	APR	2300	72	0.	*	5	APR	0000	97	0.	*
1	APR	2200	23	1.	*	2	APR	2300	48	0.	*	4	APR	0000	73	0.	*	5	APR	0100	98	0.	*
1	APR	2300	24	1.	*	3	APR	0000	49	0.	*	4	APR	0100	74	0.	*	5	APR	0200	99	0.	*
2	APR	0000	25	1.	*	3	APR	0100	50	0.	*	4	APR	0200	75	0.	*	5	APR	0300	100	0.	*

			6-HR	24-HR	72-HR 99.00-HR
+	(CFS)	(HR)			
+	11.	15.00	(CFS)		
			9.	4.	1.
		(INCHES)	.020	.038	.038
		(AC-FT)	5.	9.	9.

CUMULATIVE AREA = 4.27 SQ MI

*** **

 *
 513 KK * 15B1 * ROMOLAND SUB-AREA (B-SYSTEM)
 *

UHG 70% VALLEY

517 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 15 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 15 STARTING TIME
 UHG FROM VALLEY S-GRAPH

SUBBASIN RUNOFF DATA

515 BA SUBBASIN CHARACTERISTICS
 TAREA 4.27 SUBBASIN AREA
 SNAP .00 NORMAL ANNUAL PRECIPITATION
 RATIO .70 RATIO OF HYDROGRAPH

PRECIPITATION DATA

516 PB STORM .13 BASIN TOTAL PRECIPITATION

518 PI INCREMENTAL PRECIPITATION PATTERN

.00	.01	.01	.02	.02	.03	.03	.04	.05	.07
.08	.07	.08	.12	.11	.10	.06	.02	.02	.01
.01	.01	.01	.01	.01	.00				

528 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

528 UI INPUT UNITGRAPH, 6 ORDINATES, VOLUME = 1.00

1912.0	501.0	188.0	96.0	41.0	16.0
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HYDROGRAPH AT STATION 15B1

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	0.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	3.	*	3	APR	0400	53	.00	.00	.00	0.

										day2.out										
1	APR	0300	4	.00	.00	.00	4.	*	3	APR	0500	54	.00	.00	.00	0.				
1	APR	0400	5	.00	.00	.00	6.	*	3	APR	0600	55	.00	.00	.00	0.				
1	APR	0500	6	.00	.00	.00	7.	*	3	APR	0700	56	.00	.00	.00	0.				
1	APR	0600	7	.00	.00	.00	9.	*	3	APR	0800	57	.00	.00	.00	0.				
1	APR	0700	8	.00	.00	.00	10.	*	3	APR	0900	58	.00	.00	.00	0.				
1	APR	0800	9	.00	.00	.00	12.	*	3	APR	1000	59	.00	.00	.00	0.				
1	APR	0900	10	.01	.00	.01	16.	*	3	APR	1100	60	.00	.00	.00	0.				
1	APR	1000	11	.01	.00	.01	21.	*	3	APR	1200	61	.00	.00	.00	0.				
1	APR	1100	12	.01	.00	.01	25.	*	3	APR	1300	62	.00	.00	.00	0.				
1	APR	1200	13	.01	.00	.01	25.	*	3	APR	1400	63	.00	.00	.00	0.				
1	APR	1300	14	.01	.00	.01	27.	*	3	APR	1500	64	.00	.00	.00	0.				
1	APR	1400	15	.01	.00	.01	36.	*	3	APR	1600	65	.00	.00	.00	0.				
1	APR	1500	16	.01	.00	.01	36.	*	3	APR	1700	66	.00	.00	.00	0.				
1	APR	1600	17	.01	.00	.01	35.	*	3	APR	1800	67	.00	.00	.00	0.				
1	APR	1700	18	.01	.00	.01	27.	*	3	APR	1900	68	.00	.00	.00	0.				
1	APR	1800	19	.00	.00	.00	12.	*	3	APR	2000	69	.00	.00	.00	0.				
1	APR	1900	20	.00	.00	.00	9.	*	3	APR	2100	70	.00	.00	.00	0.				
1	APR	2000	21	.00	.00	.00	6.	*	3	APR	2200	71	.00	.00	.00	0.				
1	APR	2100	22	.00	.00	.00	5.	*	3	APR	2300	72	.00	.00	.00	0.				
1	APR	2200	23	.00	.00	.00	4.	*	4	APR	0000	73	.00	.00	.00	0.				
1	APR	2300	24	.00	.00	.00	4.	*	4	APR	0100	74	.00	.00	.00	0.				
2	APR	0000	25	.00	.00	.00	3.	*	4	APR	0200	75	.00	.00	.00	0.				
2	APR	0100	26	.00	.00	.00	2.	*	4	APR	0300	76	.00	.00	.00	0.				
2	APR	0200	27	.00	.00	.00	1.	*	4	APR	0400	77	.00	.00	.00	0.				
2	APR	0300	28	.00	.00	.00	0.	*	4	APR	0500	78	.00	.00	.00	0.				
2	APR	0400	29	.00	.00	.00	0.	*	4	APR	0600	79	.00	.00	.00	0.				
2	APR	0500	30	.00	.00	.00	0.	*	4	APR	0700	80	.00	.00	.00	0.				
2	APR	0600	31	.00	.00	.00	0.	*	4	APR	0800	81	.00	.00	.00	0.				
2	APR	0700	32	.00	.00	.00	0.	*	4	APR	0900	82	.00	.00	.00	0.				
2	APR	0800	33	.00	.00	.00	0.	*	4	APR	1000	83	.00	.00	.00	0.				
2	APR	0900	34	.00	.00	.00	0.	*	4	APR	1100	84	.00	.00	.00	0.				
2	APR	1000	35	.00	.00	.00	0.	*	4	APR	1200	85	.00	.00	.00	0.				
2	APR	1100	36	.00	.00	.00	0.	*	4	APR	1300	86	.00	.00	.00	0.				
2	APR	1200	37	.00	.00	.00	0.	*	4	APR	1400	87	.00	.00	.00	0.				
2	APR	1300	38	.00	.00	.00	0.	*	4	APR	1500	88	.00	.00	.00	0.				
2	APR	1400	39	.00	.00	.00	0.	*	4	APR	1600	89	.00	.00	.00	0.				
2	APR	1500	40	.00	.00	.00	0.	*	4	APR	1700	90	.00	.00	.00	0.				
2	APR	1600	41	.00	.00	.00	0.	*	4	APR	1800	91	.00	.00	.00	0.				
2	APR	1700	42	.00	.00	.00	0.	*	4	APR	1900	92	.00	.00	.00	0.				
2	APR	1800	43	.00	.00	.00	0.	*	4	APR	2000	93	.00	.00	.00	0.				
2	APR	1900	44	.00	.00	.00	0.	*	4	APR	2100	94	.00	.00	.00	0.				
2	APR	2000	45	.00	.00	.00	0.	*	4	APR	2200	95	.00	.00	.00	0.				
2	APR	2100	46	.00	.00	.00	0.	*	4	APR	2300	96	.00	.00	.00	0.				
2	APR	2200	47	.00	.00	.00	0.	*	5	APR	0000	97	.00	.00	.00	0.				
2	APR	2300	48	.00	.00	.00	0.	*	5	APR	0100	98	.00	.00	.00	0.				
3	APR	0000	49	.00	.00	.00	0.	*	5	APR	0200	99	.00	.00	.00	0.				
3	APR	0100	50	.00	.00	.00	0.	*	5	APR	0300	100	.00	.00	.00	0.				

TOTAL RAINFALL = .13, TOTAL LOSS = .00, TOTAL EXCESS = .13

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW		
(CFS)	(HR)	(CFS)		24-HR	72-HR	99.00-HR
+	36.	15.00	31.	14.	5.	4.

day2.out
 (INCHES) .067 .125 .126 .126
 (AC-FT) 15. 28. 29. 29.
 CUMULATIVE AREA = 4.27 SQ MI

HYDROGRAPH MULTIPLIED BY .70

HYDROGRAPH AT STATION 15B1

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1	APR	0000	1	0.	*	2	APR	0100	26	2.	*	3	APR	0200	51	0.	*	4	APR	0300	76	0.	*
1	APR	0100	2	0.	*	2	APR	0200	27	1.	*	3	APR	0300	52	0.	*	4	APR	0400	77	0.	*
1	APR	0200	3	2.	*	2	APR	0300	28	0.	*	3	APR	0400	53	0.	*	4	APR	0500	78	0.	*
1	APR	0300	4	3.	*	2	APR	0400	29	0.	*	3	APR	0500	54	0.	*	4	APR	0600	79	0.	*
1	APR	0400	5	4.	*	2	APR	0500	30	0.	*	3	APR	0600	55	0.	*	4	APR	0700	80	0.	*
1	APR	0500	6	5.	*	2	APR	0600	31	0.	*	3	APR	0700	56	0.	*	4	APR	0800	81	0.	*
1	APR	0600	7	6.	*	2	APR	0700	32	0.	*	3	APR	0800	57	0.	*	4	APR	0900	82	0.	*
1	APR	0700	8	7.	*	2	APR	0800	33	0.	*	3	APR	0900	58	0.	*	4	APR	1000	83	0.	*
1	APR	0800	9	9.	*	2	APR	0900	34	0.	*	3	APR	1000	59	0.	*	4	APR	1100	84	0.	*
1	APR	0900	10	11.	*	2	APR	1000	35	0.	*	3	APR	1100	60	0.	*	4	APR	1200	85	0.	*
1	APR	1000	11	15.	*	2	APR	1100	36	0.	*	3	APR	1200	61	0.	*	4	APR	1300	86	0.	*
1	APR	1100	12	17.	*	2	APR	1200	37	0.	*	3	APR	1300	62	0.	*	4	APR	1400	87	0.	*
1	APR	1200	13	18.	*	2	APR	1300	38	0.	*	3	APR	1400	63	0.	*	4	APR	1500	88	0.	*
1	APR	1300	14	19.	*	2	APR	1400	39	0.	*	3	APR	1500	64	0.	*	4	APR	1600	89	0.	*
1	APR	1400	15	25.	*	2	APR	1500	40	0.	*	3	APR	1600	65	0.	*	4	APR	1700	90	0.	*
1	APR	1500	16	26.	*	2	APR	1600	41	0.	*	3	APR	1700	66	0.	*	4	APR	1800	91	0.	*
1	APR	1600	17	25.	*	2	APR	1700	42	0.	*	3	APR	1800	67	0.	*	4	APR	1900	92	0.	*
1	APR	1700	18	19.	*	2	APR	1800	43	0.	*	3	APR	1900	68	0.	*	4	APR	2000	93	0.	*
1	APR	1800	19	9.	*	2	APR	1900	44	0.	*	3	APR	2000	69	0.	*	4	APR	2100	94	0.	*
1	APR	1900	20	6.	*	2	APR	2000	45	0.	*	3	APR	2100	70	0.	*	4	APR	2200	95	0.	*
1	APR	2000	21	4.	*	2	APR	2100	46	0.	*	3	APR	2200	71	0.	*	4	APR	2300	96	0.	*
1	APR	2100	22	3.	*	2	APR	2200	47	0.	*	3	APR	2300	72	0.	*	5	APR	0000	97	0.	*
1	APR	2200	23	3.	*	2	APR	2300	48	0.	*	4	APR	0000	73	0.	*	5	APR	0100	98	0.	*
1	APR	2300	24	3.	*	3	APR	0000	49	0.	*	4	APR	0100	74	0.	*	5	APR	0200	99	0.	*
2	APR	0000	25	2.	*	3	APR	0100	50	0.	*	4	APR	0200	75	0.	*	5	APR	0300	100	0.	*

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
+	26.	15.00	(CFS)			
			22.	10.	3.	2.
		(INCHES)	.047	.087	.088	.088
		(AC-FT)	11.	20.	20.	20.
		CUMULATIVE AREA =	4.27	SQ MI		

day2.out

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* *
531 KK * 15B7 * TOTAL ROMOLAND SUB-AREA COMBINED AT THE U/S OF I-215 FWY PER CDJ
* *

532 HC HYDROGRAPH COMBINATION
ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION 15B7
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1	APR	0000	1	0.	*	2	APR	0100	26	2.	*	3	APR	0200	51	0.	*	4	APR	0300	76	0.
1	APR	0100	2	0.	*	2	APR	0200	27	1.	*	3	APR	0300	52	0.	*	4	APR	0400	77	0.
1	APR	0200	3	3.	*	2	APR	0300	28	0.	*	3	APR	0400	53	0.	*	4	APR	0500	78	0.
1	APR	0300	4	4.	*	2	APR	0400	29	0.	*	3	APR	0500	54	0.	*	4	APR	0600	79	0.
1	APR	0400	5	6.	*	2	APR	0500	30	0.	*	3	APR	0600	55	0.	*	4	APR	0700	80	0.
1	APR	0500	6	7.	*	2	APR	0600	31	0.	*	3	APR	0700	56	0.	*	4	APR	0800	81	0.
1	APR	0600	7	9.	*	2	APR	0700	32	0.	*	3	APR	0800	57	0.	*	4	APR	0900	82	0.
1	APR	0700	8	10.	*	2	APR	0800	33	0.	*	3	APR	0900	58	0.	*	4	APR	1000	83	0.
1	APR	0800	9	13.	*	2	APR	0900	34	0.	*	3	APR	1000	59	0.	*	4	APR	1100	84	0.
1	APR	0900	10	16.	*	2	APR	1000	35	0.	*	3	APR	1100	60	0.	*	4	APR	1200	85	0.
1	APR	1000	11	21.	*	2	APR	1100	36	0.	*	3	APR	1200	61	0.	*	4	APR	1300	86	0.
1	APR	1100	12	25.	*	2	APR	1200	37	0.	*	3	APR	1300	62	0.	*	4	APR	1400	87	0.
1	APR	1200	13	25.	*	2	APR	1300	38	0.	*	3	APR	1400	63	0.	*	4	APR	1500	88	0.
1	APR	1300	14	27.	*	2	APR	1400	39	0.	*	3	APR	1500	64	0.	*	4	APR	1600	89	0.
1	APR	1400	15	36.	*	2	APR	1500	40	0.	*	3	APR	1600	65	0.	*	4	APR	1700	90	0.
1	APR	1500	16	37.	*	2	APR	1600	41	0.	*	3	APR	1700	66	0.	*	4	APR	1800	91	0.
1	APR	1600	17	35.	*	2	APR	1700	42	0.	*	3	APR	1800	67	0.	*	4	APR	1900	92	0.
1	APR	1700	18	26.	*	2	APR	1800	43	0.	*	3	APR	1900	68	0.	*	4	APR	2000	93	0.
1	APR	1800	19	12.	*	2	APR	1900	44	0.	*	3	APR	2000	69	0.	*	4	APR	2100	94	0.
1	APR	1900	20	8.	*	2	APR	2000	45	0.	*	3	APR	2100	70	0.	*	4	APR	2200	95	0.
1	APR	2000	21	6.	*	2	APR	2100	46	0.	*	3	APR	2200	71	0.	*	4	APR	2300	96	0.
1	APR	2100	22	5.	*	2	APR	2200	47	0.	*	3	APR	2300	72	0.	*	5	APR	0000	97	0.
1	APR	2200	23	4.	*	2	APR	2300	48	0.	*	4	APR	0000	73	0.	*	5	APR	0100	98	0.
1	APR	2300	24	4.	*	3	APR	0000	49	0.	*	4	APR	0100	74	0.	*	5	APR	0200	99	0.
2	APR	0000	25	3.	*	3	APR	0100	50	0.	*	4	APR	0200	75	0.	*	5	APR	0300	100	0.

PEAK FLOW	TIME		MAXIMUM AVERAGE FLOW	
(CFS)	(HR)		6-HR	24-HR
37.	15.00	(CFS)	31.	14.
		(INCHES)	.034	.063

(AC-FT) 15. 28. day2.out
29. 29.
CUMULATIVE AREA = 8.54 SQ MI

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533 KK *****
* *
* H * US@215
* *

US@215
COMBINE THE NUEVO RD., PERRIS, AND ROMOLAND HYDROGRAPHS
536 HC HYDROGRAPH COMBINATION
ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION H
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1	APR	0000	1	0.	*	2	APR	0100	26	161.	*	3	APR	0200	51	115.	*	4	APR	0300	76	192.
1	APR	0100	2	6.	*	2	APR	0200	27	130.	*	3	APR	0300	52	115.	*	4	APR	0400	77	197.
1	APR	0200	3	42.	*	2	APR	0300	28	111.	*	3	APR	0400	53	116.	*	4	APR	0500	78	202.
1	APR	0300	4	78.	*	2	APR	0400	29	102.	*	3	APR	0500	54	117.	*	4	APR	0600	79	207.
1	APR	0400	5	109.	*	2	APR	0500	30	102.	*	3	APR	0600	55	118.	*	4	APR	0700	80	212.
1	APR	0500	6	141.	*	2	APR	0600	31	101.	*	3	APR	0700	56	119.	*	4	APR	0800	81	216.
1	APR	0600	7	176.	*	2	APR	0700	32	102.	*	3	APR	0800	57	121.	*	4	APR	0900	82	221.
1	APR	0700	8	209.	*	2	APR	0800	33	103.	*	3	APR	0900	58	123.	*	4	APR	1000	83	226.
1	APR	0800	9	253.	*	2	APR	0900	34	104.	*	3	APR	1000	59	125.	*	4	APR	1100	84	231.
1	APR	0900	10	316.	*	2	APR	1000	35	106.	*	3	APR	1100	60	128.	*	4	APR	1200	85	236.
1	APR	1000	11	410.	*	2	APR	1100	36	108.	*	3	APR	1200	61	130.	*	4	APR	1300	86	241.
1	APR	1100	12	512.	*	2	APR	1200	37	109.	*	3	APR	1300	62	133.	*	4	APR	1400	87	245.
1	APR	1200	13	564.	*	2	APR	1300	38	110.	*	3	APR	1400	63	136.	*	4	APR	1500	88	250.
1	APR	1300	14	598.	*	2	APR	1400	39	111.	*	3	APR	1500	64	140.	*	4	APR	1600	89	254.
1	APR	1400	15	730.	*	2	APR	1500	40	112.	*	3	APR	1600	65	143.	*	4	APR	1700	90	259.
1	APR	1500	16	832.	*	2	APR	1600	41	112.	*	3	APR	1700	66	147.	*	4	APR	1800	91	263.
1	APR	1600	17	845.	*	2	APR	1700	42	113.	*	3	APR	1800	67	151.	*	4	APR	1900	92	267.
1	APR	1700	18	763.	*	2	APR	1800	43	113.	*	3	APR	1900	68	155.	*	4	APR	2000	93	271.
1	APR	1800	19	537.	*	2	APR	1900	44	113.	*	3	APR	2000	69	159.	*	4	APR	2100	94	275.
1	APR	1900	20	378.	*	2	APR	2000	45	113.	*	3	APR	2100	70	163.	*	4	APR	2200	95	279.
1	APR	2000	21	304.	*	2	APR	2100	46	114.	*	3	APR	2200	71	168.	*	4	APR	2300	96	283.
1	APR	2100	22	251.	*	2	APR	2200	47	114.	*	3	APR	2300	72	173.	*	5	APR	0000	97	287.
1	APR	2200	23	220.	*	2	APR	2300	48	114.	*	4	APR	0000	73	177.	*	5	APR	0100	98	290.
1	APR	2300	24	200.	*	3	APR	0000	49	114.	*	4	APR	0100	74	182.	*	5	APR	0200	99	294.
2	APR	0000	25	183.	*	3	APR	0100	50	114.	*	4	APR	0200	75	187.	*	5	APR	0300	100	297.

day2.out

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	845.	16.00	720.	372.	212.	213.
		(INCHES)	.012	.025	.042	.058
		(AC-FT)	357.	738.	1260.	1740.

CUMULATIVE AREA = 558.46 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-H/H/FLOW/01MAR1992/1HOUR//
-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-H/H/FLOW/01APR1992/1HOUR//

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*
538 KK * H-I * ROUTE
*

ROUTE SAN JACINTO RIVER FROM I-215 TO CONCENTRATION POINT I
BASED ON SV-SQ DATA FROM HEC-RAS Updated 14 Jan 2010
Time Step (Ave Travel Time = 5.13 Hours - Divide by 1.5 Vw=3.42hr)
Because of this use NSTPS = 3 jcc 9 Feb 2010

HYDROGRAPH ROUTING DATA

543 RS	STORAGE ROUTING										
	NSTPS	3	NUMBER OF SUBREACHES								
	ITYP	STOR	TYPE OF INITIAL CONDITION								
	RSVRIC	-1.00	INITIAL CONDITION								
	X	.00	WORKING R AND D COEFFICIENT								
544 SV	STORAGE	.0	156.0	291.0	878.0	3673.0	4783.0	5881.0	6288.0	8059.0	10737.0
		13406.0	15955.0	18408.0	20812.0	29306.0	36900.0				
546 SQ	DISCHARGE	0.	500.	1000.	2000.	4000.	6000.	8000.	10000.	15000.	20000.
		25000.	30000.	35000.	40000.	60000.	80000.				

HYDROGRAPH AT STATION H-I

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE
1	APR	0000	1	0.	.00	*	2	APR	1000	35	106.	11.04	*	3	APR	2000	69	144.	15.02
1	APR	0100	2	0.	.01	*	2	APR	1100	36	105.	10.92	*	3	APR	2100	70	148.	15.41

day2.out													
1 APR 0200	3	2.	.16	*	2 APR 1200	37	105.	10.92	*	3 APR 2200	71	152.	15.82
1 APR 0300	4	7.	.73	*	2 APR 1300	38	106.	11.00	*	3 APR 2300	72	156.	16.25
1 APR 0400	5	19.	1.99	*	2 APR 1400	39	107.	11.10	*	4 APR 0000	73	160.	16.69
1 APR 0500	6	38.	3.96	*	2 APR 1500	40	108.	11.22	*	4 APR 0100	74	165.	17.14
1 APR 0600	7	62.	6.47	*	2 APR 1600	41	109.	11.33	*	4 APR 0200	75	169.	17.61
1 APR 0700	8	90.	9.35	*	2 APR 1700	42	110.	11.43	*	4 APR 0300	76	174.	18.08
1 APR 0800	9	120.	12.51	*	2 APR 1800	43	111.	11.52	*	4 APR 0400	77	179.	18.57
1 APR 0900	10	154.	15.97	*	2 APR 1900	44	112.	11.60	*	4 APR 0500	78	183.	19.06
1 APR 1000	11	192.	20.00	*	2 APR 2000	45	112.	11.66	*	4 APR 0600	79	188.	19.56
1 APR 1100	12	240.	25.00	*	2 APR 2100	46	113.	11.71	*	4 APR 0700	80	193.	20.07
1 APR 1200	13	300.	31.19	*	2 APR 2200	47	113.	11.74	*	4 APR 0800	81	198.	20.58
1 APR 1300	14	367.	38.17	*	2 APR 2300	48	113.	11.77	*	4 APR 0900	82	203.	21.09
1 APR 1400	15	437.	45.49	*	3 APR 0000	49	113.	11.79	*	4 APR 1000	83	208.	21.60
1 APR 1500	16	516.	53.41	*	3 APR 0100	50	114.	11.80	*	4 APR 1100	84	213.	22.11
1 APR 1600	17	607.	61.66	*	3 APR 0200	51	114.	11.82	*	4 APR 1200	85	218.	22.62
1 APR 1700	18	687.	68.87	*	3 APR 0300	52	114.	11.84	*	4 APR 1300	86	222.	23.13
1 APR 1800	19	733.	73.00	*	3 APR 0400	53	114.	11.87	*	4 APR 1400	87	227.	23.63
1 APR 1900	20	723.	72.04	*	3 APR 0500	54	115.	11.91	*	4 APR 1500	88	232.	24.13
1 APR 2000	21	656.	66.03	*	3 APR 0600	55	115.	11.96	*	4 APR 1600	89	237.	24.62
1 APR 2100	22	561.	57.50	*	3 APR 0700	56	116.	12.03	*	4 APR 1700	90	241.	25.11
1 APR 2200	23	471.	48.98	*	3 APR 0800	57	117.	12.12	*	4 APR 1800	91	246.	25.59
1 APR 2300	24	397.	41.28	*	3 APR 0900	58	118.	12.23	*	4 APR 1900	92	251.	26.07
2 APR 0000	25	334.	34.70	*	3 APR 1000	59	119.	12.37	*	4 APR 2000	93	255.	26.53
2 APR 0100	26	283.	29.45	*	3 APR 1100	60	120.	12.52	*	4 APR 2100	94	259.	26.99
2 APR 0200	27	243.	25.31	*	3 APR 1200	61	122.	12.70	*	4 APR 2200	95	264.	27.43
2 APR 0300	28	210.	21.89	*	3 APR 1300	62	124.	12.91	*	4 APR 2300	96	268.	27.87
2 APR 0400	29	182.	18.92	*	3 APR 1400	63	126.	13.14	*	5 APR 0000	97	272.	28.30
2 APR 0500	30	158.	16.38	*	3 APR 1500	64	129.	13.39	*	5 APR 0100	98	276.	28.71
2 APR 0600	31	138.	14.36	*	3 APR 1600	65	131.	13.67	*	5 APR 0200	99	280.	29.12
2 APR 0700	32	124.	12.90	*	3 APR 1700	66	134.	13.98	*	5 APR 0300	100	284.	29.51
2 APR 0800	33	115.	11.93	*	3 APR 1800	67	138.	14.30	*				
2 APR 0900	34	109.	11.34	*	3 APR 1900	68	141.	14.65	*				

PEAK FLOW	TIME	6-HR	MAXIMUM AVERAGE FLOW	99.00-HR
(CFS)	(HR)		24-HR 72-HR	
+	733.	18.00	658.	202.
			.011	.055
			326.	1650.
			(INCHES)	
			(AC-FT)	

PEAK STORAGE	TIME	6-HR	MAXIMUM AVERAGE STORAGE	99.00-HR
(AC-FT)	(HR)		24-HR 72-HR	
+	73.	18.00	66.	21.

CUMULATIVE AREA = 558.46 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE H-I/H-I/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER ROUTE H-I/H-I/FLOW/01APR1992/1HOUR//

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*
549 KK      *      15A      *      ROMOLAND SUB-AREA (A-SYSTEM)
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COMBINE HOMELAND, ROMOLAND (A-SYSTEM) AND THE REMAINING AREA AT THE
D/S OF I-215 FWY PER CDJ

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554 IN      TIME DATA FOR INPUT TIME SERIES
              JXMIN      15      TIME INTERVAL IN MINUTES
              JXDATE      1APR92      STARTING DATE
              JXTIME      15      STARTING TIME
              UHG FROM VALLEY S-GRAPH

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SUBBASIN RUNOFF DATA

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552 BA      SUBBASIN CHARACTERISTICS
              TAREA      28.11      SUBBASIN AREA

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PRECIPITATION DATA

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553 PB      STORM      .13      BASIN TOTAL PRECIPITATION

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555 PI      INCREMENTAL PRECIPITATION PATTERN
              .00      .01      .01      .02      .02      .03      .03      .04      .05      .07
              .08      .07      .08      .12      .11      .10      .06      .02      .02      .01
              .01      .01      .01      .01      .01      .00

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565 LU      UNIFORM LOSS RATE
              STRTL      .00      INITIAL LOSS
              CNSTL      .00      UNIFORM LOSS RATE
              RTIMP      .00      PERCENT IMPERVIOUS AREA

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565 UI      INPUT UNITGRAPH, 9 ORDINATES, VOLUME = 1.00
              7956.0      5752.0      1833.0      981.0      622.0      412.0      267.0      159.0      148.0

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HYDROGRAPH AT STATION 15A

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	2.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	15.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	24.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	33.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	41.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	52.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	63.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.00	.00	.00	75.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	95.	*	3	APR	1100	60	.00	.00	.00	0.

							day2.out							
1 APR 1000	11	.01	.00	.01	124.	*	3 APR 1200	61	.00	.00	.00	0.		
1 APR 1100	12	.01	.00	.01	151.	*	3 APR 1300	62	.00	.00	.00	0.		
1 APR 1200	13	.01	.00	.01	161.	*	3 APR 1400	63	.00	.00	.00	0.		
1 APR 1300	14	.01	.00	.01	170.	*	3 APR 1500	64	.00	.00	.00	0.		
1 APR 1400	15	.01	.00	.01	215.	*	3 APR 1600	65	.00	.00	.00	0.		
1 APR 1500	16	.01	.00	.01	236.	*	3 APR 1700	66	.00	.00	.00	0.		
1 APR 1600	17	.01	.00	.01	233.	*	3 APR 1800	67	.00	.00	.00	0.		
1 APR 1700	18	.01	.00	.01	196.	*	3 APR 1900	68	.00	.00	.00	0.		
1 APR 1800	19	.00	.00	.00	119.	*	3 APR 2000	69	.00	.00	.00	0.		
1 APR 1900	20	.00	.00	.00	78.	*	3 APR 2100	70	.00	.00	.00	0.		
1 APR 2000	21	.00	.00	.00	58.	*	3 APR 2200	71	.00	.00	.00	0.		
1 APR 2100	22	.00	.00	.00	45.	*	3 APR 2300	72	.00	.00	.00	0.		
1 APR 2200	23	.00	.00	.00	38.	*	4 APR 0000	73	.00	.00	.00	0.		
1 APR 2300	24	.00	.00	.00	31.	*	4 APR 0100	74	.00	.00	.00	0.		
2 APR 0000	25	.00	.00	.00	25.	*	4 APR 0200	75	.00	.00	.00	0.		
2 APR 0100	26	.00	.00	.00	19.	*	4 APR 0300	76	.00	.00	.00	0.		
2 APR 0200	27	.00	.00	.00	10.	*	4 APR 0400	77	.00	.00	.00	0.		
2 APR 0300	28	.00	.00	.00	5.	*	4 APR 0500	78	.00	.00	.00	0.		
2 APR 0400	29	.00	.00	.00	3.	*	4 APR 0600	79	.00	.00	.00	0.		
2 APR 0500	30	.00	.00	.00	2.	*	4 APR 0700	80	.00	.00	.00	0.		
2 APR 0600	31	.00	.00	.00	1.	*	4 APR 0800	81	.00	.00	.00	0.		
2 APR 0700	32	.00	.00	.00	1.	*	4 APR 0900	82	.00	.00	.00	0.		
2 APR 0800	33	.00	.00	.00	0.	*	4 APR 1000	83	.00	.00	.00	0.		
2 APR 0900	34	.00	.00	.00	0.	*	4 APR 1100	84	.00	.00	.00	0.		
2 APR 1000	35	.00	.00	.00	0.	*	4 APR 1200	85	.00	.00	.00	0.		
2 APR 1100	36	.00	.00	.00	0.	*	4 APR 1300	86	.00	.00	.00	0.		
2 APR 1200	37	.00	.00	.00	0.	*	4 APR 1400	87	.00	.00	.00	0.		
2 APR 1300	38	.00	.00	.00	0.	*	4 APR 1500	88	.00	.00	.00	0.		
2 APR 1400	39	.00	.00	.00	0.	*	4 APR 1600	89	.00	.00	.00	0.		
2 APR 1500	40	.00	.00	.00	0.	*	4 APR 1700	90	.00	.00	.00	0.		
2 APR 1600	41	.00	.00	.00	0.	*	4 APR 1800	91	.00	.00	.00	0.		
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.		
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.		
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.		
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.		
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.		
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.		
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.		
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.		
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.		

TOTAL RAINFALL = .13, TOTAL LOSS = .00, TOTAL EXCESS = .13

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	236.	15.00	198.	96.	32.	23.
		(INCHES)	.066	.127	.128	.128
		(AC-FT)	98.	190.	192.	192.

CUMULATIVE AREA = 28.11 SQ MI

day2.out

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568 KK *****
*
* I *
*

ENTRANCE TO RAILROAD CANYON DAM

570 HC HYDROGRAPH COMBINATION
ICOMP 2 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION I
SUM OF 2 HYDROGRAPHS

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1	APR	0000	1	0.	*	2	APR	0100	26	303.	*	3	APR	0200	51	114.	*	4	APR	0300	76	174.
1	APR	0100	2	2.	*	2	APR	0200	27	253.	*	3	APR	0300	52	114.	*	4	APR	0400	77	179.
1	APR	0200	3	16.	*	2	APR	0300	28	215.	*	3	APR	0400	53	114.	*	4	APR	0500	78	183.
1	APR	0300	4	31.	*	2	APR	0400	29	185.	*	3	APR	0500	54	115.	*	4	APR	0600	79	188.
1	APR	0400	5	52.	*	2	APR	0500	30	159.	*	3	APR	0600	55	115.	*	4	APR	0700	80	193.
1	APR	0500	6	80.	*	2	APR	0600	31	139.	*	3	APR	0700	56	116.	*	4	APR	0800	81	198.
1	APR	0600	7	114.	*	2	APR	0700	32	125.	*	3	APR	0800	57	117.	*	4	APR	0900	82	203.
1	APR	0700	8	153.	*	2	APR	0800	33	115.	*	3	APR	0900	58	118.	*	4	APR	1000	83	208.
1	APR	0800	9	196.	*	2	APR	0900	34	109.	*	3	APR	1000	59	119.	*	4	APR	1100	84	213.
1	APR	0900	10	249.	*	2	APR	1000	35	106.	*	3	APR	1100	60	120.	*	4	APR	1200	85	218.
1	APR	1000	11	316.	*	2	APR	1100	36	105.	*	3	APR	1200	61	122.	*	4	APR	1300	86	222.
1	APR	1100	12	391.	*	2	APR	1200	37	105.	*	3	APR	1300	62	124.	*	4	APR	1400	87	227.
1	APR	1200	13	461.	*	2	APR	1300	38	106.	*	3	APR	1400	63	126.	*	4	APR	1500	88	232.
1	APR	1300	14	537.	*	2	APR	1400	39	107.	*	3	APR	1500	64	129.	*	4	APR	1600	89	237.
1	APR	1400	15	652.	*	2	APR	1500	40	108.	*	3	APR	1600	65	131.	*	4	APR	1700	90	241.
1	APR	1500	16	751.	*	2	APR	1600	41	109.	*	3	APR	1700	66	134.	*	4	APR	1800	91	246.
1	APR	1600	17	840.	*	2	APR	1700	42	110.	*	3	APR	1800	67	138.	*	4	APR	1900	92	251.
1	APR	1700	18	883.	*	2	APR	1800	43	111.	*	3	APR	1900	68	141.	*	4	APR	2000	93	255.
1	APR	1800	19	853.	*	2	APR	1900	44	112.	*	3	APR	2000	69	144.	*	4	APR	2100	94	259.
1	APR	1900	20	800.	*	2	APR	2000	45	112.	*	3	APR	2100	70	148.	*	4	APR	2200	95	264.
1	APR	2000	21	714.	*	2	APR	2100	46	113.	*	3	APR	2200	71	152.	*	4	APR	2300	96	268.
1	APR	2100	22	606.	*	2	APR	2200	47	113.	*	3	APR	2300	72	156.	*	5	APR	0000	97	272.
1	APR	2200	23	509.	*	2	APR	2300	48	113.	*	4	APR	0000	73	160.	*	5	APR	0100	98	276.
1	APR	2300	24	428.	*	3	APR	0000	49	113.	*	4	APR	0100	74	165.	*	5	APR	0200	99	280.
2	APR	0000	25	359.	*	3	APR	0100	50	114.	*	4	APR	0200	75	169.	*	5	APR	0300	100	284.

PEAK FLOW	TIME	MAXIMUM AVERAGE FLOW
		6-HR 24-HR 72-HR 99.00-HR
+ (CFS)	(HR)	(CFS)

				day2.out	
+	883.	17.00	802.	456.	238.
		(INCHES)	.013	.029	.045
		(AC-FT)	398.	904.	1415.
					225.
					.059
					1841.

CUMULATIVE AREA = 586.57 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-I/I/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-I/I/FLOW/01APR1992/1HOUR//

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 * *
 572 KK * I-J *
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ROUTE FROM C.P.I TO C.P.J
 FROM S.J.RIVER STAGE III PLAN & PROFILE, VELOCITY=3.6 FT/SEC
 TRAVEL DISTANCE =24,288 FT.

HYDROGRAPH ROUTING DATA

576 RT TATUM OR STRADDLE-STAGGER ROUTING
 NSTPS 1 NUMBER OF TATUM STEPS
 NSTDL 2 NUMBER OF ORDINATES TO BE AVERAGED
 LAG 0 NUMBER OF INTERVALS TO LAG HYDROGRAPH

HYDROGRAPH AT STATION I-J

DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*
1	APR	0000	1	0.	*	2	APR	0100	26	331.	*	3	APR	0200	51	114.	*	4	APR	0300	76	172.	*
1	APR	0100	2	1.	*	2	APR	0200	27	278.	*	3	APR	0300	52	114.	*	4	APR	0400	77	176.	*
1	APR	0200	3	9.	*	2	APR	0300	28	234.	*	3	APR	0400	53	114.	*	4	APR	0500	78	181.	*
1	APR	0300	4	24.	*	2	APR	0400	29	200.	*	3	APR	0500	54	114.	*	4	APR	0600	79	186.	*
1	APR	0400	5	42.	*	2	APR	0500	30	172.	*	3	APR	0600	55	115.	*	4	APR	0700	80	191.	*
1	APR	0500	6	66.	*	2	APR	0600	31	149.	*	3	APR	0700	56	115.	*	4	APR	0800	81	195.	*
1	APR	0600	7	97.	*	2	APR	0700	32	132.	*	3	APR	0800	57	116.	*	4	APR	0900	82	200.	*
1	APR	0700	8	133.	*	2	APR	0800	33	120.	*	3	APR	0900	58	117.	*	4	APR	1000	83	205.	*
1	APR	0800	9	174.	*	2	APR	0900	34	112.	*	3	APR	1000	59	118.	*	4	APR	1100	84	210.	*
1	APR	0900	10	222.	*	2	APR	1000	35	108.	*	3	APR	1100	60	120.	*	4	APR	1200	85	215.	*
1	APR	1000	11	282.	*	2	APR	1100	36	106.	*	3	APR	1200	61	121.	*	4	APR	1300	86	220.	*
1	APR	1100	12	354.	*	2	APR	1200	37	105.	*	3	APR	1300	62	123.	*	4	APR	1400	87	225.	*
1	APR	1200	13	426.	*	2	APR	1300	38	105.	*	3	APR	1400	63	125.	*	4	APR	1500	88	230.	*
1	APR	1300	14	499.	*	2	APR	1400	39	106.	*	3	APR	1500	64	128.	*	4	APR	1600	89	234.	*
1	APR	1400	15	595.	*	2	APR	1500	40	107.	*	3	APR	1600	65	130.	*	4	APR	1700	90	239.	*
1	APR	1500	16	702.	*	2	APR	1600	41	108.	*	3	APR	1700	66	133.	*	4	APR	1800	91	244.	*
1	APR	1600	17	796.	*	2	APR	1700	42	109.	*	3	APR	1800	67	136.	*	4	APR	1900	92	248.	*

day2.out

1 APR 1700	18	862.	*	2 APR 1800	43	110.	*	3 APR 1900	68	139.	*	4 APR 2000	93	253.
1 APR 1800	19	868.	*	2 APR 1900	44	111.	*	3 APR 2000	69	143.	*	4 APR 2100	94	257.
1 APR 1900	20	826.	*	2 APR 2000	45	112.	*	3 APR 2100	70	146.	*	4 APR 2200	95	262.
1 APR 2000	21	757.	*	2 APR 2100	46	112.	*	3 APR 2200	71	150.	*	4 APR 2300	96	266.
1 APR 2100	22	660.	*	2 APR 2200	47	113.	*	3 APR 2300	72	154.	*	5 APR 0000	97	270.
1 APR 2200	23	557.	*	2 APR 2300	48	113.	*	4 APR 0000	73	158.	*	5 APR 0100	98	274.
1 APR 2300	24	468.	*	3 APR 0000	49	113.	*	4 APR 0100	74	163.	*	5 APR 0200	99	278.
2 APR 0000	25	393.	*	3 APR 0100	50	113.	*	4 APR 0200	75	167.	*	5 APR 0300	100	282.
			*				*				*			

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	72-HR	99.00-HR
+	(CFS)	(HR)		24-HR		
+	868.	18.00	(CFS)	798.	456.	238.
			(INCHES)	.013	.029	.045
			(AC-FT)	396.	904.	1414.

CUMULATIVE AREA = 586.57 SQ MI

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 577 KK * 17 * SUBAREA 17
 * *

SALT CREEK

581 IN TIME DATA FOR INPUT TIME SERIES
 JXMIN 15 TIME INTERVAL IN MINUTES
 JXDATE 1APR92 STARTING DATE
 JXTIME 40 STARTING TIME
 UHG FROM MOUNTAIN S-GRAPH

SUBBASIN RUNOFF DATA

579 BA SUBBASIN CHARACTERISTICS
 TAREA 123.91 SUBBASIN AREA

PRECIPITATION DATA

580 PB STORM .14 BASIN TOTAL PRECIPITATION

582 PI INCREMENTAL PRECIPITATION PATTERN

.01	.01	.02	.02	.03	.03	.04	.04	.06	.08
.07	.08	.09	.12	.10	.09	.04	.02	.02	.01
.01	.01	.01	.01	.00	.00				

592 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE

day2.out

RTIMP .00 PERCENT IMPERVIOUS AREA

592 UI INPUT UNITGRAPH, 41 ORDINATES, VOLUME = 1.00

7481.0	17797.0	13137.0	7282.0	4868.0	3815.0	3168.0	2450.0	2175.0	1830.0
1661.0	1370.0	1145.0	1059.0	994.0	900.0	878.0	780.0	774.0	659.0
659.0	560.0	502.0	502.0	441.0	365.0	365.0	365.0	351.0	133.0
133.0	133.0	133.0	133.0	133.0	133.0	133.0	133.0	133.0	133.0
130.0									

HYDROGRAPH AT STATION 17

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q		DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	15.
1	APR	0100	2	.00	.00	.00	7.	*	3	APR	0300	52	.00	.00	.00	14.
1	APR	0200	3	.00	.00	.00	32.	*	3	APR	0400	53	.00	.00	.00	12.
1	APR	0300	4	.00	.00	.00	64.	*	3	APR	0500	54	.00	.00	.00	10.
1	APR	0400	5	.00	.00	.00	95.	*	3	APR	0600	55	.00	.00	.00	8.
1	APR	0500	6	.00	.00	.00	127.	*	3	APR	0700	56	.00	.00	.00	6.
1	APR	0600	7	.00	.00	.00	163.	*	3	APR	0800	57	.00	.00	.00	4.
1	APR	0700	8	.01	.00	.01	201.	*	3	APR	0900	58	.00	.00	.00	2.
1	APR	0800	9	.01	.00	.01	247.	*	3	APR	1000	59	.00	.00	.00	2.
1	APR	0900	10	.01	.00	.01	308.	*	3	APR	1100	60	.00	.00	.00	1.
1	APR	1000	11	.01	.00	.01	398.	*	3	APR	1200	61	.00	.00	.00	1.
1	APR	1100	12	.01	.00	.01	490.	*	3	APR	1300	62	.00	.00	.00	1.
1	APR	1200	13	.01	.00	.01	553.	*	3	APR	1400	63	.00	.00	.00	1.
1	APR	1300	14	.01	.00	.01	618.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	728.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	839.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	872.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	812.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	656.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	515.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	428.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	368.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	325.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	290.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	263.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	234.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	199.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	167.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	146.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	131.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	119.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	108.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	99.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	90.	*	4	APR	1100	84	.00	.00	.00	0.
2	APR	1000	35	.00	.00	.00	82.	*	4	APR	1200	85	.00	.00	.00	0.
2	APR	1100	36	.00	.00	.00	74.	*	4	APR	1300	86	.00	.00	.00	0.
2	APR	1200	37	.00	.00	.00	67.	*	4	APR	1400	87	.00	.00	.00	0.
2	APR	1300	38	.00	.00	.00	61.	*	4	APR	1500	88	.00	.00	.00	0.

										day2.out					
2 APR 1400	39	.00	.00	.00	55.	*	4 APR 1600	89	.00	.00	.00	0.			
2 APR 1500	40	.00	.00	.00	49.	*	4 APR 1700	90	.00	.00	.00	0.			
2 APR 1600	41	.00	.00	.00	44.	*	4 APR 1800	91	.00	.00	.00	0.			
2 APR 1700	42	.00	.00	.00	40.	*	4 APR 1900	92	.00	.00	.00	0.			
2 APR 1800	43	.00	.00	.00	36.	*	4 APR 2000	93	.00	.00	.00	0.			
2 APR 1900	44	.00	.00	.00	31.	*	4 APR 2100	94	.00	.00	.00	0.			
2 APR 2000	45	.00	.00	.00	27.	*	4 APR 2200	95	.00	.00	.00	0.			
2 APR 2100	46	.00	.00	.00	23.	*	4 APR 2300	96	.00	.00	.00	0.			
2 APR 2200	47	.00	.00	.00	21.	*	5 APR 0000	97	.00	.00	.00	0.			
2 APR 2300	48	.00	.00	.00	19.	*	5 APR 0100	98	.00	.00	.00	0.			
3 APR 0000	49	.00	.00	.00	18.	*	5 APR 0200	99	.00	.00	.00	0.			
3 APR 0100	50	.00	.00	.00	17.	*	5 APR 0300	100	.00	.00	.00	0.			

TOTAL RAINFALL = .14, TOTAL LOSS = .00, TOTAL EXCESS = .14

PEAK FLOW	TIME		6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
		(CFS)				
+	872.	16.00	745.	414.	159.	115.
		(INCHES)	.056	.124	.143	.143
		(AC-FT)	370.	822.	945.	945.

CUMULATIVE AREA = 123.91 SQ MI

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599 KK * 16 * SUBAREA 16
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RAILROAD CANYON

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603 IN      TIME DATA FOR INPUT TIME SERIES
          JXMIN      30  TIME INTERVAL IN MINUTES
          JXDATE     1APR92  STARTING DATE
          JXTIME     15  STARTING TIME
          UHG FROM MOUNTAIN S-GRAH

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SUBBASIN RUNOFF DATA

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601 BA      SUBBASIN CHARACTERISTICS
          TAREA      26.04  SUBBASIN AREA

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PRECIPITATION DATA

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602 PB      STORM      .14  BASIN TOTAL PRECIPITATION

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604 PI      INCREMENTAL PRECIPITATION PATTERN
          .00      .01      .01      .02      .02      .03      .03      .04      .05      .07

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day2.out
 .08 .07 .08 .12 .11 .10 .07 .01 .02 .01
 .01 .01 .01 .01 .01 .00

609 LU UNIFORM LOSS RATE
 STRTL .00 INITIAL LOSS
 CNSTL .00 UNIFORM LOSS RATE
 RTIMP .00 PERCENT IMPERVIOUS AREA

609 UI INPUT UNITGRAPH, 22 ORDINATES, VOLUME = 1.00
 4825.0 4516.0 1821.0 1215.0 851.0 656.0 486.0 402.0 352.0 309.0
 264.0 220.0 199.0 147.0 144.0 86.0 53.0 53.0 53.0 53.0
 52.5 40.2

HYDROGRAPH AT STATION 16

DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q	*	DA	MON	HRMN	ORD	RAIN	LOSS	EXCESS	COMP Q
1	APR	0000	1	.00	.00	.00	0.	*	3	APR	0200	51	.00	.00	.00	0.
1	APR	0100	2	.00	.00	.00	2.	*	3	APR	0300	52	.00	.00	.00	0.
1	APR	0200	3	.00	.00	.00	10.	*	3	APR	0400	53	.00	.00	.00	0.
1	APR	0300	4	.00	.00	.00	18.	*	3	APR	0500	54	.00	.00	.00	0.
1	APR	0400	5	.00	.00	.00	25.	*	3	APR	0600	55	.00	.00	.00	0.
1	APR	0500	6	.00	.00	.00	32.	*	3	APR	0700	56	.00	.00	.00	0.
1	APR	0600	7	.00	.00	.00	41.	*	3	APR	0800	57	.00	.00	.00	0.
1	APR	0700	8	.00	.00	.00	50.	*	3	APR	0900	58	.00	.00	.00	0.
1	APR	0800	9	.01	.00	.01	61.	*	3	APR	1000	59	.00	.00	.00	0.
1	APR	0900	10	.01	.00	.01	76.	*	3	APR	1100	60	.00	.00	.00	0.
1	APR	1000	11	.01	.00	.01	99.	*	3	APR	1200	61	.00	.00	.00	0.
1	APR	1100	12	.01	.00	.01	122.	*	3	APR	1300	62	.00	.00	.00	0.
1	APR	1200	13	.01	.00	.01	135.	*	3	APR	1400	63	.00	.00	.00	0.
1	APR	1300	14	.01	.00	.01	145.	*	3	APR	1500	64	.00	.00	.00	0.
1	APR	1400	15	.02	.00	.02	178.	*	3	APR	1600	65	.00	.00	.00	0.
1	APR	1500	16	.01	.00	.01	200.	*	3	APR	1700	66	.00	.00	.00	0.
1	APR	1600	17	.01	.00	.01	204.	*	3	APR	1800	67	.00	.00	.00	0.
1	APR	1700	18	.01	.00	.01	184.	*	3	APR	1900	68	.00	.00	.00	0.
1	APR	1800	19	.00	.00	.00	133.	*	3	APR	2000	69	.00	.00	.00	0.
1	APR	1900	20	.00	.00	.00	98.	*	3	APR	2100	70	.00	.00	.00	0.
1	APR	2000	21	.00	.00	.00	81.	*	3	APR	2200	71	.00	.00	.00	0.
1	APR	2100	22	.00	.00	.00	68.	*	3	APR	2300	72	.00	.00	.00	0.
1	APR	2200	23	.00	.00	.00	59.	*	4	APR	0000	73	.00	.00	.00	0.
1	APR	2300	24	.00	.00	.00	52.	*	4	APR	0100	74	.00	.00	.00	0.
2	APR	0000	25	.00	.00	.00	47.	*	4	APR	0200	75	.00	.00	.00	0.
2	APR	0100	26	.00	.00	.00	40.	*	4	APR	0300	76	.00	.00	.00	0.
2	APR	0200	27	.00	.00	.00	31.	*	4	APR	0400	77	.00	.00	.00	0.
2	APR	0300	28	.00	.00	.00	23.	*	4	APR	0500	78	.00	.00	.00	0.
2	APR	0400	29	.00	.00	.00	19.	*	4	APR	0600	79	.00	.00	.00	0.
2	APR	0500	30	.00	.00	.00	15.	*	4	APR	0700	80	.00	.00	.00	0.
2	APR	0600	31	.00	.00	.00	12.	*	4	APR	0800	81	.00	.00	.00	0.
2	APR	0700	32	.00	.00	.00	10.	*	4	APR	0900	82	.00	.00	.00	0.
2	APR	0800	33	.00	.00	.00	8.	*	4	APR	1000	83	.00	.00	.00	0.
2	APR	0900	34	.00	.00	.00	6.	*	4	APR	1100	84	.00	.00	.00	0.

										day2.out				
2 APR 1000	35	.00	.00	.00	5.	*	4 APR 1200	85	.00	.00	.00	0.		
2 APR 1100	36	.00	.00	.00	4.	*	4 APR 1300	86	.00	.00	.00	0.		
2 APR 1200	37	.00	.00	.00	3.	*	4 APR 1400	87	.00	.00	.00	0.		
2 APR 1300	38	.00	.00	.00	2.	*	4 APR 1500	88	.00	.00	.00	0.		
2 APR 1400	39	.00	.00	.00	1.	*	4 APR 1600	89	.00	.00	.00	0.		
2 APR 1500	40	.00	.00	.00	1.	*	4 APR 1700	90	.00	.00	.00	0.		
2 APR 1600	41	.00	.00	.00	1.	*	4 APR 1800	91	.00	.00	.00	0.		
2 APR 1700	42	.00	.00	.00	0.	*	4 APR 1900	92	.00	.00	.00	0.		
2 APR 1800	43	.00	.00	.00	0.	*	4 APR 2000	93	.00	.00	.00	0.		
2 APR 1900	44	.00	.00	.00	0.	*	4 APR 2100	94	.00	.00	.00	0.		
2 APR 2000	45	.00	.00	.00	0.	*	4 APR 2200	95	.00	.00	.00	0.		
2 APR 2100	46	.00	.00	.00	0.	*	4 APR 2300	96	.00	.00	.00	0.		
2 APR 2200	47	.00	.00	.00	0.	*	5 APR 0000	97	.00	.00	.00	0.		
2 APR 2300	48	.00	.00	.00	0.	*	5 APR 0100	98	.00	.00	.00	0.		
3 APR 0000	49	.00	.00	.00	0.	*	5 APR 0200	99	.00	.00	.00	0.		
3 APR 0100	50	.00	.00	.00	0.	*	5 APR 0300	100	.00	.00	.00	0.		

TOTAL RAINFALL = .14, TOTAL LOSS = .00, TOTAL EXCESS = .14

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW			
+	(CFS)	(HR)		24-HR	72-HR	99.00-HR	
+	204.	16.00	(CFS)	174.	91.	32.	23.
			(INCHES)	.062	.130	.137	.137
			(AC-FT)	86.	180.	190.	190.

CUMULATIVE AREA = 26.04 SQ MI

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614 KK *****
 * J(US) *
 * *

UPSTREAM OF RAILROAD CANYON
 COMBINE THE R.R.CYN., SALT CREEK, & SHALLOW POND OUTFLOW HYDROGRAPHS

617 HC HYDROGRAPH COMBINATION
 ICOMP 3 NUMBER OF HYDROGRAPHS TO COMBINE

HYDROGRAPH AT STATION J(US)
 SUM OF 3 HYDROGRAPHS

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										day2.out												
DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW	*	DA	MON	HRMN	ORD	FLOW
1	APR	0000	1	0.	*	2	APR	0100	26	604.	*	3	APR	0200	51	129.	*	4	APR	0300	76	172.
1	APR	0100	2	10.	*	2	APR	0200	27	507.	*	3	APR	0300	52	127.	*	4	APR	0400	77	176.
1	APR	0200	3	51.	*	2	APR	0300	28	425.	*	3	APR	0400	53	126.	*	4	APR	0500	78	181.
1	APR	0300	4	105.	*	2	APR	0400	29	364.	*	3	APR	0500	54	124.	*	4	APR	0600	79	186.
1	APR	0400	5	161.	*	2	APR	0500	30	318.	*	3	APR	0600	55	123.	*	4	APR	0700	80	191.
1	APR	0500	6	225.	*	2	APR	0600	31	280.	*	3	APR	0700	56	121.	*	4	APR	0800	81	195.
1	APR	0600	7	301.	*	2	APR	0700	32	249.	*	3	APR	0800	57	120.	*	4	APR	0900	82	200.
1	APR	0700	8	384.	*	2	APR	0800	33	226.	*	3	APR	0900	58	119.	*	4	APR	1000	83	205.
1	APR	0800	9	481.	*	2	APR	0900	34	208.	*	3	APR	1000	59	120.	*	4	APR	1100	84	210.
1	APR	0900	10	607.	*	2	APR	1000	35	195.	*	3	APR	1100	60	121.	*	4	APR	1200	85	215.
1	APR	1000	11	779.	*	2	APR	1100	36	184.	*	3	APR	1200	61	122.	*	4	APR	1300	86	220.
1	APR	1100	12	966.	*	2	APR	1200	37	175.	*	3	APR	1300	62	124.	*	4	APR	1400	87	225.
1	APR	1200	13	1114.	*	2	APR	1300	38	169.	*	3	APR	1400	63	126.	*	4	APR	1500	88	230.
1	APR	1300	14	1261.	*	2	APR	1400	39	163.	*	3	APR	1500	64	128.	*	4	APR	1600	89	234.
1	APR	1400	15	1501.	*	2	APR	1500	40	158.	*	3	APR	1600	65	130.	*	4	APR	1700	90	239.
1	APR	1500	16	1741.	*	2	APR	1600	41	153.	*	3	APR	1700	66	133.	*	4	APR	1800	91	244.
1	APR	1600	17	1872.	*	2	APR	1700	42	150.	*	3	APR	1800	67	136.	*	4	APR	1900	92	248.
1	APR	1700	18	1858.	*	2	APR	1800	43	146.	*	3	APR	1900	68	139.	*	4	APR	2000	93	253.
1	APR	1800	19	1656.	*	2	APR	1900	44	142.	*	3	APR	2000	69	143.	*	4	APR	2100	94	257.
1	APR	1900	20	1440.	*	2	APR	2000	45	138.	*	3	APR	2100	70	146.	*	4	APR	2200	95	262.
1	APR	2000	21	1266.	*	2	APR	2100	46	135.	*	3	APR	2200	71	150.	*	4	APR	2300	96	266.
1	APR	2100	22	1096.	*	2	APR	2200	47	134.	*	3	APR	2300	72	154.	*	5	APR	0000	97	270.
1	APR	2200	23	941.	*	2	APR	2300	48	133.	*	4	APR	0000	73	158.	*	5	APR	0100	98	274.
1	APR	2300	24	811.	*	3	APR	0000	49	131.	*	4	APR	0100	74	163.	*	5	APR	0200	99	278.
2	APR	0000	25	703.	*	3	APR	0100	50	130.	*	4	APR	0200	75	167.	*	5	APR	0300	100	282.

PEAK FLOW		TIME	MAXIMUM AVERAGE FLOW			
			6-HR	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)				
+	1872.	16.00	1663.	958.	421.	362.
		(INCHES)	.021	.048	.064	.075
		(AC-FT)	825.	1900.	2505.	2965.

CUMULATIVE AREA = 736.52 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-J(US)/J(US)/FLOW/01MAR1992/1HOUR//
-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-J(US)/J(US)/FLOW/01APR1992/1HOUR//

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* *
619 KK J(DS) RAILROAD CANYON DAM
* *

RATING CURVE WAS OBTAINED FROM PREVIOUS WORK DONE BY COOK, DATED 10/2/73

HYDROGRAPH ROUTING DATA

day2.out

621 RS	STORAGE ROUTING										
	NSTPS	1	NUMBER OF SUBREACHES								
	ITYP	STOR	TYPE OF INITIAL CONDITION								
	RSVRIC	.00	INITIAL CONDITION								
	X	.00	WORKING R AND D COEFFICIENT								
622 SV	STORAGE	.0	835.9	1671.9	2507.8	3343.7	4179.7	5015.6	5851.5	6687.5	7523.4
		8359.3	9195.3	10031.2	10867.1	11703.1	12539.0	13375.0	14210.9	15046.8	15214.0
624 SE	ELEVATION	1381.80	1382.80	1383.80	1384.80	1385.80	1386.80	1387.80	1388.80	1389.80	1390.80
		1391.80	1392.80	1393.80	1394.80	1395.80	1396.80	1397.80	1398.80	1399.80	1400.00
626 SQ	DISCHARGE	0.	538.	1592.	3024.	4765.	6851.	9204.	11781.	14614.	17699.
		21031.	24547.	28216.	32091.	36078.	41478.	48467.	55911.	64285.	66000.

HYDROGRAPH AT STATION J(DS)

DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE	*	DA	MON	HRMN	ORD	OUTFLOW	STORAGE	STAGE
1	APR	0000	1	0.	.0	1381.8	*	2	APR	1000	35	522.	811.5	1382.8	*	3	APR	2000	69	196.	305.1	1382.2
1	APR	0100	2	0.	.4	1381.8	*	2	APR	1100	36	505.	784.7	1382.7	*	3	APR	2100	70	194.	301.0	1382.2
1	APR	0200	3	2.	2.8	1381.8	*	2	APR	1200	37	488.	758.5	1382.7	*	3	APR	2200	71	191.	297.3	1382.2
1	APR	0300	4	6.	9.0	1381.8	*	2	APR	1300	38	472.	733.0	1382.7	*	3	APR	2300	72	189.	294.1	1382.2
1	APR	0400	5	12.	19.2	1381.8	*	2	APR	1400	39	456.	708.4	1382.6	*	4	APR	0000	73	188.	291.5	1382.1
1	APR	0500	6	22.	33.8	1381.8	*	2	APR	1500	40	441.	684.6	1382.6	*	4	APR	0100	74	186.	289.3	1382.1
1	APR	0600	7	34.	53.2	1381.9	*	2	APR	1600	41	426.	661.6	1382.6	*	4	APR	0200	75	185.	287.6	1382.1
1	APR	0700	8	50.	78.0	1381.9	*	2	APR	1700	42	412.	639.5	1382.6	*	4	APR	0300	76	184.	286.3	1382.1
1	APR	0800	9	70.	108.8	1381.9	*	2	APR	1800	43	398.	618.3	1382.5	*	4	APR	0400	77	184.	285.5	1382.1
1	APR	0900	10	95.	147.0	1382.0	*	2	APR	1900	44	385.	597.9	1382.5	*	4	APR	0500	78	183.	285.1	1382.1
1	APR	1000	11	126.	195.2	1382.0	*	2	APR	2000	45	372.	578.2	1382.5	*	4	APR	0600	79	183.	285.0	1382.1
1	APR	1100	12	164.	255.3	1382.1	*	2	APR	2100	46	360.	559.3	1382.5	*	4	APR	0700	80	184.	285.4	1382.1
1	APR	1200	13	210.	325.8	1382.2	*	2	APR	2200	47	348.	541.1	1382.4	*	4	APR	0800	81	184.	286.2	1382.1
1	APR	1300	14	260.	404.5	1382.3	*	2	APR	2300	48	337.	523.8	1382.4	*	4	APR	0900	82	185.	287.3	1382.1
1	APR	1400	15	318.	494.8	1382.4	*	3	APR	0000	49	326.	507.3	1382.4	*	4	APR	1000	83	186.	288.7	1382.1
1	APR	1500	16	386.	599.6	1382.5	*	3	APR	0100	50	316.	491.5	1382.4	*	4	APR	1100	84	187.	290.5	1382.1
1	APR	1600	17	459.	713.9	1382.7	*	3	APR	0200	51	307.	476.5	1382.4	*	4	APR	1200	85	188.	292.5	1382.2
1	APR	1700	18	532.	827.1	1382.8	*	3	APR	0300	52	297.	462.1	1382.4	*	4	APR	1300	86	190.	294.9	1382.2
1	APR	1800	19	648.	923.5	1382.9	*	3	APR	0400	53	289.	448.3	1382.3	*	4	APR	1400	87	191.	297.5	1382.2
1	APR	1900	20	737.	994.2	1383.0	*	3	APR	0500	54	280.	435.2	1382.3	*	4	APR	1500	88	193.	300.4	1382.2
1	APR	2000	21	798.	1042.5	1383.0	*	3	APR	0600	55	272.	422.6	1382.3	*	4	APR	1600	89	195.	303.5	1382.2
1	APR	2100	22	836.	1072.6	1383.1	*	3	APR	0700	56	264.	410.5	1382.3	*	4	APR	1700	90	197.	306.8	1382.2
1	APR	2200	23	854.	1086.9	1383.1	*	3	APR	0800	57	257.	399.0	1382.3	*	4	APR	1800	91	200.	310.4	1382.2
1	APR	2300	24	857.	1088.6	1383.1	*	3	APR	0900	58	250.	388.0	1382.3	*	4	APR	1900	92	202.	314.1	1382.2
2	APR	0000	25	847.	1080.8	1383.1	*	3	APR	1000	59	243.	377.5	1382.3	*	4	APR	2000	93	205.	318.0	1382.2
2	APR	0100	26	828.	1065.7	1383.1	*	3	APR	1100	60	237.	367.6	1382.2	*	4	APR	2100	94	207.	322.1	1382.2
2	APR	0200	27	801.	1044.4	1383.0	*	3	APR	1200	61	231.	358.4	1382.2	*	4	APR	2200	95	210.	326.3	1382.2
2	APR	0300	28	768.	1018.1	1383.0	*	3	APR	1300	62	225.	349.7	1382.2	*	4	APR	2300	96	213.	330.6	1382.2
2	APR	0400	29	731.	988.8	1383.0	*	3	APR	1400	63	220.	341.6	1382.2	*	5	APR	0000	97	216.	335.0	1382.2
2	APR	0500	30	692.	958.2	1382.9	*	3	APR	1500	64	215.	334.2	1382.2	*	5	APR	0100	98	219.	339.6	1382.2
2	APR	0600	31	653.	927.3	1382.9	*	3	APR	1600	65	211.	327.2	1382.2	*	5	APR	0200	99	222.	344.2	1382.2
2	APR	0700	32	615.	896.8	1382.9	*	3	APR	1700	66	207.	320.9	1382.2	*	5	APR	0300	100	225.	348.9	1382.2

day2.out

2 APR 0800	33	577.	867.1	1382.8	*	3 APR 1800	67	203.	315.1	1382.2	*
2 APR 0900	34	542.	838.8	1382.8	*	3 APR 1900	68	199.	309.8	1382.2	*
					*						*

PEAK FLOW	TIME		6-HR	MAXIMUM AVERAGE FLOW	24-HR	72-HR	99.00-HR
+	(CFS)	(HR)					
		(CFS)					
+	857.	23.00	837.	652.	387.	320.	
		(INCHES)	.011	.033	.059	.067	
		(AC-FT)	415.	1293.	2306.	2616.	

PEAK STORAGE	TIME		6-HR	MAXIMUM AVERAGE STORAGE	24-HR	72-HR	99.00-HR
+	(AC-FT)	(HR)					
	1089.	23.00	1073.	912.	569.	472.	

PEAK STAGE	TIME		6-HR	MAXIMUM AVERAGE STAGE	24-HR	72-HR	99.00-HR
+	(FEET)	(HR)					
	1383.10	23.00	1383.08	1382.89	1382.48	1382.37	

CUMULATIVE AREA = 736.52 SQ MI

-----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-J(DS)/J(DS)/FLOW/01MAR1992/1HOUR//
 -----DSS---ZWRITE Unit 71; Vers. 2: /S.J.RIVER CP-J(DS)/J(DS)/FLOW/01APR1992/1HOUR//
 1

RUNOFF SUMMARY
 FLOW IN CUBIC FEET PER SECOND
 TIME IN HOURS, AREA IN SQUARE MILES

	OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
+					6-HOUR 24-HOUR 72-HOUR			
+	HYDROGRAPH AT	2	2523.	18.00	2092.	1144.	462.	178.50
+	HYDROGRAPH AT	3	473.	17.00	409.	228.	87.	51.38
+	HYDROGRAPH AT	4	290.	16.00	219.	106.	37.	15.76
+	3 COMBINED AT	A	3249.	17.00	2720.	1476.	587.	245.64
+	ROUTED TO	A-B	3234.	18.00	2708.	1475.	587.	245.64
+	HYDROGRAPH AT	6	774.	16.00	545.	258.	93.	35.42
+	HYDROGRAPH AT	5	129.	15.00	104.	54.	19.	12.07

day2.out								
+	3 COMBINED AT	B	3831.	17.00	3298.	1783.	699.	293.13
+	HYDROGRAPH AT	7	64.	14.00	53.	26.	9.	5.64
+	2 COMBINED AT	C	3872.	17.00	3340.	1808.	708.	298.77
+	HYDROGRAPH AT	8	110.	15.00	94.	47.	16.	9.73
+	2 COMBINED AT	D	3946.	17.00	3416.	1852.	724.	308.50
+	HYDROGRAPH AT	9	364.	15.00	309.	158.	55.	43.98
+	2 COMBINED AT	E	4194.	17.00	3669.	2001.	779.	352.48
+	ROUTED TO	E-F	356.	93.00	356.	351.	269.	352.48
+	HYDROGRAPH AT	10	158.	14.00	136.	68.	23.	17.90
+	HYDROGRAPH AT	11	137.	14.00	117.	59.	20.	18.10
+	3 COMBINED AT	F	356.	93.00	356.	351.	269.	388.48
+	ROUTED TO	F-F1	352.	99.00	351.	339.	243.	388.48
+	ROUTED TO	F1-G	346.	99.00	343.	323.	223.	388.48
+	HYDROGRAPH AT	12A	33.	14.00	26.	12.	4.	12.26
+	HYDROGRAPH AT	12A1	75.	14.00	61.	28.	10.	12.26
+	3 COMBINED AT	G	346.	99.00	343.	323.	223.	413.00
+	ROUTED TO	G-H	297.	99.00	287.	248.	166.	413.00
+	HYDROGRAPH AT	13	74.	16.00	64.	33.	12.	25.74
+	HYDROGRAPH AT	13	121.	16.00	104.	52.	18.	25.74

day2.out									
+	3 COMBINED AT	NUEVDS	297.	99.00	287.	248.	167.	464.48	
+	HYDROGRAPH AT	14	72.	15.00	61.	28.	10.	9.03	
+	ROUTED TO	PB	71.	16.00	60.	28.	10.	9.03	
+									1670.89 16.00
+	HYDROGRAPH AT	IA	10.	14.00	8.	4.	1.	1.17	
+	2 COMBINED AT	IA	80.	16.00	68.	32.	11.	10.20	
+	ROUTED TO	IB	67.	17.00	60.	32.	11.	10.20	
+									1638.34 17.00
+	HYDROGRAPH AT	LA	6.	14.00	5.	2.	1.	.69	
+	ROUTED TO	LB	6.	15.00	5.	2.	1.	.69	
+									1734.62 15.00
+	HYDROGRAPH AT	NA	41.	15.00	34.	16.	5.	4.33	
+	ROUTED TO	NB	40.	16.00	33.	15.	5.	4.33	
+									59.96 16.00
+	HYDROGRAPH AT	SA	39.	15.00	33.	15.	5.	4.34	
+	4 COMBINED AT	CP1	148.	16.00	127.	65.	22.	19.56	
+	HYDROGRAPH AT	CP4A	425.	16.00	360.	175.	59.	62.87	
+	HYDROGRAPH AT	SEATA	25.	15.00	21.	10.	3.	3.01	
+	3 COMBINED AT	CP4	597.	16.00	508.	250.	84.	85.44	
+	2 COMBINED AT	COMB	810.	16.00	690.	358.	207.	549.92	
+	HYDROGRAPH AT	15B	11.	15.00	9.	4.	1.	4.27	
+	HYDROGRAPH AT	15B1	26.	15.00	22.	10.	3.	4.27	

day2.out

+	2 COMBINED AT	15B7	37.	15.00	31.	14.	5.	8.54		
+	2 COMBINED AT	H	845.	16.00	720.	372.	212.	558.46		
+	ROUTED TO	H-I	733.	18.00	658.	368.	211.	558.46		
+	HYDROGRAPH AT	15A	236.	15.00	198.	96.	32.	28.11		
+	2 COMBINED AT	I	883.	17.00	802.	456.	238.	586.57		
+	ROUTED TO	I-J	868.	18.00	798.	456.	238.	586.57		
+	HYDROGRAPH AT	17	872.	16.00	745.	414.	159.	123.91		
+	HYDROGRAPH AT	16	204.	16.00	174.	91.	32.	26.04		
+	3 COMBINED AT	J(US)	1872.	16.00	1663.	958.	421.	736.52		
+	ROUTED TO	J(DS)	857.	23.00	837.	652.	387.	736.52	1383.10	23.00
+										

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

-----DSS---ZCLOSE Unit: 71, File: H1DSS.DSS
 Pointer Utilization: .27
 Number of Records: 40
 File Size: 152.9 Kbytes
 Percent Inactive: .0