

CALLEGUA. 990

VENTURA COUNTY FLOOD CONTROL DISTRICT														
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952														
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	RAI	PCT
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IM	MPV
Q	Q	Q	Q		NGTH	PE	ZE		Q				PV	
15031	1A	0.	0.	0.	0.	0.	0.0000	0.00	0.00	0.	10	99	B98	0.00
15031	2A	83.	233.	83.	233.	1	1150.	0.08000	0.00	0.00	0.	10	13	B98 0.10
15031	3A	76.	235.	159.	450.	0	0.	0.00000	0.00	0.00	0.	10	11	B98 0.00
15031	4A	51.	143.	210.	590.	1	400.	0.05000	0.00	0.00	0.	10	13	B98 0.00
15031	5B	45.	132.	45.	132.	1	500.	0.08000	0.00	0.00	0.	10	12	B98 0.00

* CONFLUENCE Q'S *														
* 15031	6A	TA 1157	QA 589.	QAB 720.	QB 131.	15031	6B	TB 1156	QB 131.	QBA 711.	QA 579.	* * *		

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	RAI	PCT
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IM	MPV
Q	Q	Q	Q		NGTH	PE	ZE		Q				PV	
15031	6AB	45.	131.	255.	720.	1	2200.	0.06000	0.00	0.00	0.	10	0	B98 0.00
15031	7A	60.	185.	315.	814.	1	300.	0.03000	0.00	0.00	0.	10	11	B98 0.00
15031	8B	59.	159.	59.	159.	1	2050.	0.30000	0.00	0.00	0.	10	14	B98 0.00
15031	9B	64.	209.	123.	348.	0	0.	0.00000	0.00	0.00	0.	10	10	B98 0.00
15031	10B	81.	227.	204.	574.	1	600.	0.30000	0.00	0.00	0.	10	13	B98 0.00
15031	11B	52.	152.	256.	722.	1	1700.	0.05000	0.00	0.00	0.	10	12	B98 0.00

* CONFLUENCE Q'S *														
* 15031	12A	TA 1161	QA 811.	QAB 1505.	QB 694.	15031	12B	TB 1160	QB 700.	QBA 1505.	QA 805.	* * *		

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	RAI	PCT
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IM	MPV
Q	Q	Q	Q		NGTH	PE	ZE		Q				PV	
15031	12AB	256.	700.	571.	1505.	1	600.	0.02500	0.00	0.00	0.	10	0	B98 0.00
15031	13A	82.	241.	653.	1667.	1	1100.	0.01800	0.00	0.00	0.	10	12	B98 0.05
15031	14B	63.	169.	63.	169.	0	0.	0.00000	0.00	0.00	0.	10	14	B98 0.00
15031	15B	63.	185.	126.	354.	1	900.	0.15000	0.00	0.00	0.	10	12	B98 0.00
15031	16B	27.	88.	153.	438.	1	900.	0.04500	0.00	0.00	0.	10	10	B98 0.00
15031	17B	69.	193.	222.	613.	5	760.	0.01300	8.00	0.00	0.	10	13	B98 0.02

* CONFLUENCE Q'S *														
* 15031	18A	TA 1164	QA 1630.	QAB 2126.	QB 497.	15031	18B	TB 1159	QB 611.	QBA 1824.	QA 1213.	* * *		

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	RAI	PCT
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IM	MPV
Q	Q	Q	Q		NGTH	PE	ZE		Q				PV	
15031	18AB	222.	611.	875.	2142.	5	200.	0.02000	10.00	0.00	0.	10	0	B98 0.00
15031	19A	38.	102.	913.	2153.	5	1000.	0.02000	10.00	0.00	0.	50	9	B98 0.05
15031	20B	71.	199.	71.	199.	1	900.	0.07500	0.00	0.00	0.	10	13	B98 0.07

* CONFLUENCE Q'S *														
* 15031	21A	TA 1164	QA 2145.	QAB 2300.	QB 155.	15031	21B	TB 1158	QB 197.	QBA 1853.	QA 1656.	* * *		

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	RAI	PCT
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IM	MPV
Q	Q	Q	Q		NGTH	PE	ZE		Q				PV	
15031	21AB	71.	197.	984.	2301.	5	900.	0.01000	14.00	0.00	0.	10	0	B98 0.00
15031	22A	69.	182.	1053.	2378.	5	500.	0.01000	14.00	0.00	0.	50	12	B98 0.50

CALLEGUA. 990													
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE IMPV
15031	23B	75.	220.	75.	220.	1	2800.	0.20000	0.00	0.00	0.	10 12	B98 0.00
15031	24B	131.	315.	206.	513.	1	700.	0.02000	0.00	0.00	0.	10 17	B98 0.00
15031	25C	68.	183.	68.	183.	1	1100.	0.01500	0.00	0.00	0.	10 14	B98 0.00
15031	26C	84.	247.	152.	377.	1	450.	0.02000	0.00	0.00	0.	10 12	B98 0.09
15031	27C	24.	74.	176.	432.	0	0.	0.00000	0.00	0.00	0.	10 11	B98 0.07

 * CONFLUENCE Q' S *
 * 15031 28B TB 1161 QB 508. QBC 930. QC 422. 15031 28C TC 1159 QC 432. QCB 924. QB 492. *
 * 15031 28BC TBC 1160 QBC 933. QB 503. QC 429. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE IMPV
15031	28BC	176.	432.	382.	933.	1	1300.	0.04500	0.00	0.00	0.	10 0	B98 0.00

 * CONFLUENCE Q' S *
 * 15031 29A TA 1164 QA 2370. QAB 3283. QB 913. 15031 29B TB 1163 QB 923. QBA 3269. QA 2347. *
 * 15031 29AB TAB 1164 QAB 3283. QA 2370. QB 913. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE IMPV
15031	29AB	382.	923.	1435.	3283.	5	1600.	0.01000	18.00	0.00	0.	10 0	B98 0.00
15031	30B	47.	172.	47.	172.	1	475.	0.08000	0.00	0.00	0.	10 8	B98 0.00
15031	31B	42.	153.	89.	321.	0	0.	0.00000	0.00	0.00	0.	10 8	B98 0.00
15031	32B	30.	103.	119.	422.	1	1950.	0.08570	0.00	0.00	0.	10 9	B98 0.07
15031	33B	56.	184.	175.	558.	4	150.	0.04000	5.00	0.00	0.	10 10	B98 0.15
15031	34B	0.	0.	175.	555.	5	570.	0.01570	2.00	1.00	0.	10 99	B98 0.00
15031	35B	26.	95.	201.	614.	5	340.	0.03560	7.00	0.00	0.	10 8	B98 0.15
15031	36B	5.	18.	206.	622.	5	270.	0.02500	5.00	2.00	0.	30 7	B98 0.15
15031	37B	37.	110.	243.	717.	5	700.	0.05500	5.00	1.50	0.	30 10	B98 0.20
15031	38B	9.	28.	252.	730.	0	0.	0.00000	0.00	0.00	0.	50 8	B98 0.37
15031	39A	49.	138.	1484.	3285.	0	0.	0.00000	0.00	0.00	0.	50 10	B98 0.36

 * CONFLUENCE Q' S *
 * 15031 40A TA 1165 QA 3285. QAB 3671. QB 386. 15031 40B TB 1159 QB 730. QBA 3350. QA 2620. *
 * 15031 40AB TAB 1164 QAB 3702. QA 3256. QB 446. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE IMPV
15031	40AB	252.	730.	1736.	3702.	5	1500.	0.00600	18.00	0.00	0.	10 0	B98 0.00
15031	41B	85.	204.	85.	204.	1	4050.	0.29630	0.00	0.00	0.	10 17	B98 0.00
15031	42B	95.	208.	180.	394.	0	0.	0.00000	0.00	0.00	0.	10 20	B98 0.00
15031	43B	98.	254.	278.	633.	1	600.	0.08330	0.00	0.00	0.	10 15	B98 0.00
15031	44B	71.	191.	349.	808.	1	600.	0.04170	0.00	0.00	0.	10 14	B98 0.02
15031	45B	47.	138.	396.	928.	1	1400.	0.03930	0.00	0.00	0.	10 12	B98 0.02
15031	46B	57.	155.	453.	1024.	1	1900.	0.03680	0.00	0.00	0.	20 12	B98 0.01
15031	47B	75.	267.	528.	1027.	2	500.	0.02000	0.00	0.00	0.	30 7	B98 0.16
15031	48C	101.	283.	101.	283.	4	1750.	0.08170	6.00	0.00	0.	10 13	B98 0.01
15031	49C	98.	261.	199.	542.	1	300.	0.04170	0.00	0.00	0.	20 13	B98 0.23
15031	50C	76.	208.	275.	747.	1	1100.	0.02680	0.00	0.00	0.	20 12	B98 0.08
15031	51D	55.	30.	55.	30.	4	1750.	0.08170	6.00	0.00	0.	20 0	B98 0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002
 SUBAREA SUBAREA TOTAL CONV CONV CONV CONV CONV CONTROL SOIL RAIN PCT
 LOCATION AREA Q AREA Q TYPE LNGTH SLOPE SIZE Z Q NAME TC ZONE IMPV

* CONFLUENCE Q' S *
 * 15031 52C TC 1160 QC 725. QCD 755. QD 30. 15031 52D TD 1120 QD 30. QDC 153. QC 123. *

CALLEGUA. 990

***** 15031 52CD TCD 1160 QCD 755. QC 725. QD 30. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031	52CD	55.	330.	755.	1	1550.	0.30200	0.00	0.00	0.	20	0	B98	0.00
15031	53C	52.	382.	861.	0	0.	0.00000	0.00	0.00	0.	20	16	B98	0.00
15031	54C	383.	706.	383.	0	0.	0.00000	0.00	0.00	0.	20	0	B98	0.00

CONFLUENCE Q' S

***** 15031 55B TB 1166 QB 1024. QBC 1688. QC 664. 15031 55C TC 1162 QC 706. QCB 1637. QB 931. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031	55BC	383.	706.	911.	4	443.	0.06460	7.00	0.00	0.	20	0	B98	0.00
15031	56B	0.	0.	911.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00

HYDROGRAPH FATTENED AT 56B

* INCOMING HYDROGRAPH PEAK = 1703.73 INCOMING HYDROGRAPH VOLUME = 302.05 AC. FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 4.50 IN. *

* ADJUSTED HYDROGRAPH PEAK = 1703.73 ADJUSTED HYDROGRAPH VOLUME = 302.05 AC. FT. *

* ADJ/FATTENED HYDROGRAPH PEAK = 1703.73 ADJ/FATTENED HYDROGRAPH VOLUME = 341.49 AC. FT. *

RESERVOIR ROUTING AT 56B

* INCOMING HYDROGRAPH PEAK = 1703.73 INCOMING HYDROGRAPH VOLUME = 341.49 AC. FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000

* RESERVOIR INFLOW PEAK = 1703.73 TIME OF PEAK = 1165 VOLUME UNDER INFLOW HYDROGRAPH = 341.49 AC. FT. *

* MAXIMUM ELEVATION = 1132.27 TIME = 1183 SPI L LAGE ELEVATI ON = 1130.50 DI FFERENCE = +1.77 *

* SPILLED FROM 1170 TO 1217 FOR 48 MINUTES

* RESERVOIR OUTFLOW PEAK = 929.73 TIME OF PEAK = 1183 VOLUME UNDER OUTFLOW HYDROGRAPH = 323.29 AC. FT. *

15031	56B	0.	0.	911.	930.	2	1100.	0.02277	0.00	0.00	0.	20	99	B98	0.00
15031	57B	64.	212.	975.	938.	5	220.	0.01750	16.00	0.00	0.	30	8	B98	0.16
15031	58B	34.	99.	1009.	943.	5	900.	0.00100	10.00	2.00	0.	30	10	B98	0.10
15031	59C	46.	150.	46.	150.	1	700.	0.43000	0.00	0.00	0.	10	10	B98	0.00
15031	60C	0.	0.	46.	149.	1	1050.	0.17000	0.00	0.00	0.	10	99	B98	0.00
15031	61C	0.	0.	46.	146.	1	700.	0.32000	0.00	0.00	0.	10	99	B98	0.00
15031	62C	86.	252.	132.	384.	1	1000.	0.16000	0.00	0.00	0.	10	12	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	63D	75.	220.	75.	220.	1	1700.	0.19000	0.00	0.00	0.	10	12	B98	0.00
15031	64D	42.	123.	117.	333.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031	65D	68.	199.	185.	527.	1	1625.	0.12000	0.00	0.00	0.	10	12	B98	0.00

CONFLUENCE Q' S

***** 15031 66C TC 1159 QC 381. QCD 900. QD 519. 15031 66D TD 1159 QD 519. QDC 900. QC 381. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	66CD	185.	519.	317.	900.	1	700.	0.13000	0.00	0.00	0.	10	0	B98	0.00
15031	67C	62.	189.	379.	1038.	1	1050.	0.07000	0.00	0.00	0.	20	10	B98	0.03
15031	68C	72.	233.	451.	1181.	1	1900.	0.10000	0.00	0.00	0.	20	9	B98	0.06
15031	69D	90.	252.	90.	252.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.00
15031	70D	62.	173.	152.	425.	1	1400.	0.21000	0.00	0.00	0.	10	13	B98	0.00
15031	71D	0.	0.	152.	423.	1	1750.	0.05700	0.00	0.00	0.	10	99	B98	0.00

CALLEGUA. 990															
15031	72D	89.	291.	241.	619.	1	1300.	0.05800	0.00	0.00	0.	10	10	B98	0.00
15031	73D	96.	296.	337.	828.	1	1100.	0.02500	0.00	0.00	0.	10	11	B98	0.00
15031	74E	57.	167.	57.	167.	1	1500.	0.28000	0.00	0.00	0.	10	12	B98	0.00
15031	75DE	57.	165.	394.	946.	1	300.	0.01700	0.00	0.00	0.	10	0	B98	0.00
15031	76C	51.	176.	502.	1227.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.02
15031	77CD	394.	941.	896.	2136.	1	375.	0.00500	0.00	0.00	0.	10	0	B98	0.00
15031	78C	44.	125.	940.	2144.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.00
15031	79C	60.	196.	1000.	2217.	5	1300.	0.00500	5.00	0.67	0.	10	10	B98	0.01
15031	80D	78.	229.	78.	229.	4	1400.	0.00700	5.00	0.00	0.	10	12	B98	0.00
15031	81D	42.	114.	120.	323.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.04

* CONFLUENCE Q' S *
* 15031 82C TC 1164 QC 2196. QCD 2387. QD 192. 15031 82D TD 1158 QD 323. QDC 2016. QC 1692. *
* 15031 82CD TCD 1163 QCD 2410. QC 2195. QD 214. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT		
AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV		
15031	82CD	120.	323.	1120.	2410.	5	1200.	0.01500	10.00	1.00	0.	10	0	B98	0.00
15031	83D	52.	152.	52.	152.	4	2550.	0.02000	3.50	0.00	0.	10	12	B98	0.00
15031	84D	64.	172.	116.	298.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.23

* CONFLUENCE Q' S *
* 15031 85C TC 1164 QC 2403. QCD 2571. QD 168. 15031 85D TD 1158 QD 298. QDC 2170. QC 1873. *
* 15031 85CD TCD 1162 QCD 2606. QC 2357. QD 249. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT		
AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV		
15031	85CD	116.	298.	1236.	2606.	5	1800.	0.00200	13.00	1.00	0.	10	0	B98	0.00
15031	86C	74.	187.	1310.	2583.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.20

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

* CONFLUENCE Q' S *
* 15031 87B TB 1187 QB 939. QBC 1753. QC 814. 15031 87C TC 1166 QC 2583. QCB 3257. QB 674. *
* 15031 87BC TBC 1165 QBC 3263. QB 682. QC 2581. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT		
AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV		
15031	87BC	1310.	2583.	2319.	3263.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	88B	42.	82.	2361.	3272.	5	200.	0.00600	18.00	0.00	0.	70	10	B98	0.23
15031	89C	28.	80.	28.	80.	4	600.	0.00200	4.25	0.00	0.	50	9	B98	0.23
15031	90C	85.	187.	113.	259.	5	220.	0.07300	4.00	2.00	0.	50	14	B98	0.23
15031	91BC	113.	259.	2474.	3428.	5	400.	0.00600	18.00	0.00	0.	10	0	B98	0.00
15031	92B	49.	125.	2523.	3475.	5	450.	0.00600	18.00	0.00	0.	40	12	B98	0.23
15031	93C	73.	191.	73.	191.	4	3200.	0.01200	4.25	0.00	0.	20	13	B98	0.11
15031	94C	94.	228.	167.	377.	0	0.	0.00000	0.00	0.00	0.	40	13	B98	0.23

* CONFLUENCE Q' S *
* 15031 95B TB 1164 QB 3473. QBC 3788. QC 315. 15031 95C TC 1159 QC 377. QCB 3510. QB 3133. *
* 15031 95BC TBC 1164 QBC 3788. QB 3473. QC 315. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT		
AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV		
15031	95BC	167.	377.	2690.	3788.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

* CONFLUENCE Q' S *
* 15031 96A TA 1165 QA 3687. QAB 7397. QB 3711. 15031 96B TB 1164 QB 3788. QBA 7457. QA 3668. *

CALLEGUA. 990

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 96AB	2690.	3788.	4426.	7457.	5	2250.	0.01000	22.00	0.00	0.	10	0	B98	0.00
15031 97B	74.	194.	74.	194.	1	1550.	0.03000	0.00	0.00	0.	20	13	B98	0.10
15031 98B	78.	210.	152.	347.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.24

CONFLUENCE Q' S

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 99A	152.	347.	4578.	7606.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 100B	94.	239.	94.	239.	4	850.	0.00600	5.25	0.00	0.	40	12	B98	0.23
15031 101B	57.	138.	151.	372.	4	1600.	0.00900	5.75	0.00	0.	40	13	B98	0.23
15031 102B	72.	219.	223.	535.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.28

CONFLUENCE Q' S

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 103A	72.	219.	223.	535.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.28

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 103AB	223.	535.	4801.	7931.	5	400.	0.00450	18.00	1.00	0.	10	0	B98	0.00
15031 104B	88.	229.	88.	229.	4	750.	0.01330	4.50	0.00	0.	20	13	B98	0.05

CONFLUENCE Q' S

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 105A	88.	228.	4889.	8055.	5	950.	0.00450	18.00	1.00	0.	10	0	B98	0.00
15031 106B	47.	141.	47.	141.	4	2150.	0.01000	4.00	0.00	0.	40	9	B98	0.23
15031 107B	68.	182.	115.	294.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.21

CONFLUENCE Q' S

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 108A	115.	294.	5004.	8117.	5	250.	0.00300	30.00	1.00	0.	10	0	B98	0.00
15031 109B	82.	223.	82.	223.	4	1000.	0.02200	4.00	0.00	0.	20	12	B98	0.03

CONFLUENCE Q' S

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 110A	82.	222.	5086.	8208.	5	1250.	0.00300	30.00	1.00	0.	10	0	B98	0.00
15031 111B	97.	263.	97.	263.	1	850.	0.01500	0.00	0.00	0.	20	12	B98	0.00

CALLEGUA. 990
 15031 112B 38. 98. 135. 336. 4 900. 0.00754 5.75 0.00 0. 20 13 B98 0.00

 * CONFLUENCE Q' S *
 * 15031 113A TA 1167 QA 8181. QAB 8414. QB 232. 15031 113B TB 1161 QB 333. QBA 7433. QA 7100. *
 * 15031 113AB TAB 1166 QAB 8436. QA 8171. QB 265. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 113AB	135.	333.	5221.	8436.	5	1160.	0.00300	30.00	1.00	0.	10	0	B98	0.00
15031 114B	59.	159.	59.	159.	4	1100.	0.00700	4.50	0.00	0.	40	11	B98	0.23
15031 115B	64.	183.	123.	325.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.23

 * CONFLUENCE Q' S *
 * 15031 116A TA 1167 QA 8406. QAB 8472. QB 66. 15031 116B TB 1156 QB 325. QBA 5038. QA 4713. *
 * 15031 116AB TAB 1167 QAB 8472. QA 8406. QB 66. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 116AB	123.	325.	5344.	8472.	5	22.	0.00030	30.00	1.00	0.	10	0	B98	0.00
15031 117A	73.	186.	5417.	8510.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.23

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 118A	40.	129.	5457.	8530.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.53
15031 119B	68.	176.	68.	176.	1	1300.	0.06000	0.00	0.00	0.	20	13	B98	0.01
15031 120B	33.	100.	101.	251.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 121A TA 1167 QA 8530. QAB 8656. QB 126. 15031 121B TB 1157 QB 251. QBA 5980. QA 5730. *
 * 15031 121AB TAB 1167 QAB 8656. QA 8530. QB 126. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 121AB	101.	251.	5558.	8656.	5	2300.	0.00200	71.00	0.00	0.	10	0	B98	0.00
15031 122A	0.	0.	5558.	8413.	5	320.	0.00180	30.00	2.00	0.	10	99	B98	0.00
15031 123A	70.	178.	5628.	8418.	5	300.	0.00180	30.00	2.00	0.	30	12	B98	0.00
15031 124A	25.	75.	5653.	8412.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.24
15031 125B	55.	170.	55.	170.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.11
15031 126B	34.	91.	89.	260.	6	1800.	0.01200	1.00	9.99	0.	20	13	B98	0.23
15031 127D	55.	170.	55.	170.	6	800.	0.01862	1.00	9.99	0.	20	10	B98	0.11

 * CONFLUENCE Q' S *
 * 15031 128B TB 1162 QB 214. QBD 339. QD 125. 15031 128D TD 1158 QD 161. QDB 344. QB 183. *
 * 15031 128BD TBD 1160 QBD 355. QB 203. QD 152. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 128BD	55.	161.	144.	355.	6	1200.	0.01100	1.00	9.99	0.	10	0	B98	0.00
15031 129B	66.	170.	210.	438.	0	0.	0.00000	0.00	0.00	0.	30	12	B98	0.05
15031 130E	69.	145.	69.	145.	4	2200.	0.04000	3.25	0.00	0.	20	19	B98	0.15
15031 131E	61.	218.	130.	341.	4	2100.	0.01700	5.00	0.00	0.	30	7	B98	0.19
15031 132E	49.	163.	179.	457.	0	0.	0.00000	0.00	0.00	0.	30	8	B98	0.19

 * CONFLUENCE Q' S *
 * 15031 133B TB 1163 QB 438. QBE 675. QE 238. 15031 133E TE 1156 QE 457. QEB 799. QB 342. *
 * 15031 133BE TBE 1159 QBE 821. QB 402. QE 419. *

SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
---------	---------	-------	-------	------	------	------	------	------	------	---------	------	------	-----

CALLEGUA. 990														
LOCATION	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031	133BE	179.	457.	389.	821.	4	1500.	0.01200	7.25	0.00	0.	10	0	B98 0.00
15031	134B	43.	140.	432.	875.	5	1100.	0.00400	14.00	0.00	0.	50	7	B98 0.23
15031	135B	48.	166.	480.	936.	0	0.	0.00000	0.00	0.00	0.	40	7	B98 0.23
15031	136C	43.	142.	43.	142.	4	2700.	0.02500	3.50	0.00	0.	20	9	B98 0.23
15031	137C	74.	218.	117.	332.	4	1650.	0.01100	5.25	0.00	0.	40	10	B98 0.37
15031	138C	48.	166.	165.	426.	0	0.	0.00000	0.00	0.00	0.	40	7	B98 0.23
15031	139D	88.	198.	88.	198.	4	1100.	0.01100	4.50	0.00	0.	30	16	B98 0.23

 * CONFLUENCE Q' S *
 * 15031 140C TC 1158 QC 426. QCD 623. QD 197. 15031 140D TD 1158 QD 197. QDC 623. QC 426. *
 * 15031 140CD TCD 1158 QCD 623. QC 426. QD 197. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031	140CD	88.	197.	253.	623.	5	1000.	0.00350	11.00	0.00	0.	10	0	B98 0.00

 * CONFLUENCE Q' S *
 * 15031 141B TB 1158 QB 936. QBC 1539. QC 603. 15031 141C TC 1159 QC 610. QCB 1521. QB 911. *
 * 15031 141BC TBC 1158 QBC 1539. QB 936. QC 603. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031	141BC	253.	610.	733.	1539.	5	1600.	0.00750	8.00	0.00	0.	10	0	B98 0.00
15031	142B	66.	177.	799.	1635.	0	0.	0.00000	0.00	0.00	0.	40	11	B98 0.23
15031	143C	57.	163.	57.	163.	4	1200.	0.00250	5.50	0.00	0.	50	10	B98 0.40

 * CONFLUENCE Q' S *
 * 15031 144B TB 1160 QB 1635. QBC 1786. QC 151. 15031 144C TC 1159 QC 152. QCB 1771. QB 1620. *
 * 15031 144BC TBC 1160 QBC 1786. QB 1635. QC 151. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031	144BC	57.	152.	856.	1786.	5	2500.	0.00700	12.00	0.00	0.	10	0	B98 0.00
15031	145B	64.	161.	920.	1830.	0	0.	0.00000	0.00	0.00	0.	40	12	B98 0.18

 * CONFLUENCE Q' S *
 * 15031 146A TA 1174 QA 8412. QAB 9426. QB 1014. 15031 146B TB 1163 QB 1830. QBA 7340. QA 5509. *
 * 15031 146AB TAB 1172 QAB 9475. QA 8303. QB 1172. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031	146AB	920.	1830.	6573.	9475.	5	250.	0.00380	30.00	0.00	0.	10	0	B98 0.00
15031	147A	63.	186.	6636.	9493.	5	700.	0.00380	30.00	0.00	0.	40	10	B98 0.37
15031	148B	296.	993.	296.	993.	0	0.	0.00000	0.00	0.00	0.	20	11	C99 0.00
15031	149B	206.	730.	502.	1724.	1	5133.	0.06040	0.00	0.00	0.	20	10	C99 0.00
15031	150B	316.	862.	818.	2286.	1	2190.	0.04570	0.00	0.00	0.	20	16	C99 0.00
15031	151B	316.	664.	1134.	2851.	0	0.	0.00000	0.00	0.00	0.	30	22	C99 0.00
15031	152B	595.	1324.	1729.	4056.	1	4200.	0.03690	0.00	0.00	0.	30	20	C99 0.00
15031	153B	447.	948.	2176.	4559.	1	2783.	0.03770	0.00	0.00	0.	20	18	B98 0.00
15031	154B	298.	771.	2474.	4654.	1	9895.	0.03390	0.00	0.00	0.	10	15	B98 0.00
15031	155B	663.	1303.	3137.	4610.	0	0.	0.00000	0.00	0.00	0.	10	24	B98 0.00
15031	156C	541.	1218.	541.	1218.	1	4148.	0.08080	0.00	0.00	0.	10	19	B98 0.00
15031	157C	308.	635.	849.	1777.	0	0.	0.00000	0.00	0.00	0.	10	22	B98 0.00
15031	158BC	849.	1777.	3986.	5786.	1	4432.	0.02370	0.00	0.00	0.	10	0	B98 0.00

15031 159B 341. 725. 4327. 5800. 0 0. 0.0000 0.00 0.00 0. 10 21 B98 0.00

CALLEGUA. 990
 VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

STORM DAY 4
 SUBAREA SUBAREA TOTAL CONV CONV CONV CONTROL SOIL RAIN PCT
 LOCATION AREA Q AREA Q TYPE LNGTH SLOPE SIZE Z Q NAME TC ZONE IMPV

 * HYDROGRAPH FATTENED AT 159B *
 * INCOMING HYDROGRAPH PEAK = 5799.79 INCOMING HYDROGRAPH VOLUME = 1251.83 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.78360 RUNOFF FACTOR = 3.97 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 4544.71 ADJUSTED HYDROGRAPH VOLUME = 980.93 AC. FT. *
 * ADJ/FATTENED HYDROGRAPH PEAK = 4544.71 ADJ/FATTENED HYDROGRAPH VOLUME = 1430.83 AC. FT. *

* RESERVOIR ROUTING AT 159B *
 * INCOMING HYDROGRAPH PEAK = 4544.71 INCOMING HYDROGRAPH VOLUME = 1430.83 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.78360 *
 * RESERVOIR INFLOW PEAK = 4544.71 TIME OF PEAK = 1177 VOLUME UNDER INFLOW HYDROGRAPH = 1430.83 AC. FT. *
 * MAXIMUM ELEVATION = 1221.46 TIME = 1390 SPI L LAGE ELEVATI ON = 1227.50 DIFFERENCE = -6.04 *
 * SPI L LED FROM **** TO 1217 FOR **** MINUTES *
 * RESERVOIR OUTFLOW PEAK = 542.68 TIME OF PEAK = 1390 VOLUME UNDER OUTFLOW HYDROGRAPH = 566.37 AC. FT. *

15031	159B	341.	725.	4327.	543.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031	160B	0.	0.	4327.	543.	5	1000.	0.01400	8.00	2.00	0.	10	99	B98	0.00
15031	161C	248.	682.	248.	682.	1	3633.	0.03830	0.00	0.00	0.	10	18	C99	0.00
15031	162C	431.	747.	679.	1333.	0	0.	0.00000	0.00	0.00	0.	20	25	B98	0.00
15031	163C	555.	1141.	1234.	2426.	1	8426.	0.04960	0.00	0.00	0.	20	26	C99	0.00
15031	164C	400.	732.	1634.	2861.	1	3427.	0.03210	0.00	0.00	0.	10	27	B98	0.00
15031	165C	403.	707.	2037.	3349.	1	3478.	0.02360	0.00	0.00	0.	10	29	B98	0.00
15031	166C	491.	943.	2528.	3630.	0	0.	0.00000	0.00	0.00	0.	10	25	B98	0.00
15031	167C	0.	0.	2528.	3630.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	168C	0.	0.	2528.	3630.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	169C	0.	0.	2528.	3630.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	170C	0.	0.	2528.	3630.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	171C	0.	0.	2528.	3630.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	172C	0.	0.	2528.	3630.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	173C	0.	0.	2528.	3630.	5	1000.	0.01400	8.00	2.00	0.	10	99	B98	0.00

 * CONFLUENCE Q'S *
 * 15031 174B TB 1400 QB 543. QBC 679. QC 137. 15031 174C TC 1176 QC 3591. QCB 4096. QB 505. *
 * 15031 174BC TBC 1176 QBC 4096. QB 505. QC 3591. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT		
15031	174BC	2528.	3591.	6855.	4096.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	175B	58.	168.	6913.	4107.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.06
15031	176C	89.	249.	89.	249.	5	2010.	0.02500	11.00	0.00	0.	10	13	B98	0.00
15031	177D	74.	199.	74.	199.	0	0.	0.00000	0.00	0.00	0.	10	14	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

STORM DAY 4
 SUBAREA SUBAREA TOTAL CONV CONV CONV CONTROL SOIL RAIN PCT
 LOCATION AREA Q AREA Q TYPE LNGTH SLOPE SIZE Z Q NAME TC ZONE IMPV

* CONFLUENCE Q'S *
 * 15031 180C TC 1156 QC 468. QCD 723. QD 255. 15031 180D TD 1161 QD 358. QDC 763. QC 405. *
 * 15031 180CD TCD 1160 QCD 792. QC 441. QD 351. *

CALLEGUA. 990

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 180CD	134.	358.	307.	792.	5	880.	0.00218	19.00	0.00	0.	10	0	B98	0.00
15031 181C	0.	0.	307.	786.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 182C	74.	180.	381.	940.	5	980.	0.02600	20.00	3.00	0.	30	13	B98	0.02

CONFLUENCE Q' S

* 15031 183B TB 1176 QB	4107. QBC	4385. QC	278.	15031 183C TC 1162 QC	931. QCB	4281. QB	3350.
* 15031 183BC TBC 1173 QBC	4428. QB	4048. QC	380.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 183BC	381.	931.	7294.	4428.	5	1850.	0.01400	15.00	2.00	0.	10	0	B98	0.00
15031 184B	0.	0.	7294.	4420.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 185B	68.	186.	7362.	4423.	5	3200.	0.01400	15.00	2.00	0.	40	10	B98	0.05
15031 186B	80.	218.	7442.	4416.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.05
15031 187C	90.	268.	90.	268.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.22
15031 188C	80.	267.	170.	536.	0	0.	0.00000	0.00	0.00	0.	30	8	B98	0.23
15031 189D	78.	220.	78.	220.	5	400.	0.01500	10.00	0.00	0.	30	11	B98	0.23

CONFLUENCE Q' S

* 15031 190C TC 1154 QC	536. QCD	753. QD	217.	15031 190D TD 1155 QD	219. QDC	745. QC	526.
* 15031 190CD TCD 1154 QCD	753. QC	536. QD	217.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 190CD	78.	219.	248.	753.	5	1500.	0.00600	12.00	0.00	0.	10	0	B98	0.00
15031 191C	0.	0.	248.	730.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 192C	74.	221.	322.	936.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.23

CONFLUENCE Q' S

* 15031 193B TB 1177 QB	4416. QBC	4514. QC	98.	15031 193C TC 1157 QC	936. QCB	4506. QB	3570.
* 15031 193BC TBC 1161 QBC	4830. QB	4107. QC	723.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 193BC	322.	936.	7764.	4830.	5	1850.	0.01400	15.00	2.00	0.	10	0	B98	0.00
15031 194B	72.	201.	7836.	4826.	5	1360.	0.01250	36.00	2.00	0.	50	9	B98	0.17
15031 195B	54.	153.	7890.	4878.	5	1900.	0.01250	36.00	2.00	0.	40	10	B98	0.19
15031 196B	63.	169.	7953.	4924.	5	1350.	0.01250	36.00	2.00	0.	40	11	B98	0.23

VENTURA COUNTY FLOOD CONTROL DISTRICT

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
* 15031 197A TA 1173 QA	9484. QAB	14102. QB	4618.	15031 197B TB 1164 QB	4916. QBA	12310. QA	7394.							
* 15031 197AB TAB 1173 QAB	14102. QA	9484. QB	4618.											

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 197AB	7953.	4916.	14589.	14102.	5	830.	0.00400	40.00	3.00	0.	10	0	B98	0.00
15031 198B	62.	189.	62.	189.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.00
15031 199B	47.	143.	109.	332.	5	800.	0.63000	20.00	3.00	0.	20	10	B98	0.00
15031 200A	42.	118.	14631.	14077.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.15

CONFLUENCE Q' S

* 15031 201A TA 1175 QA	14077. QAB	14107. QB	30.	15031 201B TB 1155 QB	330. QBA	7707. QA	7378.
-------------------------	------------	-----------	-----	-----------------------	----------	----------	-------

CALLEGUA. 990

* 15031 201AB TAB 1175 QAB 14107. QA 14077. QB 30. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 201AB	109.	330.	14740.	14107.	5	1950.	0.00600	40.00	3.00	0.	10	0	B98	0.00
15031 202A	43.	116.	14783.	14028.	5	2300.	0.01300	40.00	3.00	0.	40	10	B98	0.00
15031 203B	30.	86.	30.	86.	4	1500.	0.01070	3.25	0.00	0.	40	10	B98	0.23
15031 204B	27.	82.	57.	155.	4	700.	0.00700	4.50	0.00	0.	40	10	B98	0.50
15031 205B	40.	91.	97.	240.	4	680.	0.00800	5.00	0.00	0.	40	14	B98	0.15
15031 206B	43.	98.	140.	329.	4	680.	0.00900	5.50	0.00	0.	40	14	B98	0.15
15031 207B	35.	88.	175.	404.	4	580.	0.00900	6.00	0.00	0.	40	12	B98	0.20
15031 208B	26.	72.	201.	459.	4	1530.	0.00900	6.25	0.00	0.	40	11	B98	0.32
15031 209B	0.	0.	201.	451.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 210B	0.	0.	201.	451.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 211B	22.	70.	223.	483.	4	1000.	0.00900	6.50	0.00	0.	40	9	B98	0.46
15031 212B	51.	133.	274.	586.	4	1330.	0.02030	6.00	0.00	0.	40	13	B98	0.50
15031 213B	41.	100.	315.	663.	0	0.	0.00000	0.00	0.00	0.	40	14	B98	0.40

CONFLUENCE Q' S

* 15031 214A TA 1180 QA 13969. QAB 14093. QB 124. 15031 214B TB 1162 QB 663. QBA 8624. QA 7961. *

* 15031 214AB TAB 1180 QAB 14093. QA 13969. QB 124. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 214AB	315.	663.	15098.	14093.	5	2300.	0.01000	50.00	2.00	0.	10	0	B98	0.00
15031 215A	0.	0.	15098.	14036.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 216A	57.	136.	15155.	14036.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.00
15031 217A	45.	131.	15200.	14044.	5	2010.	0.00650	50.00	2.00	0.	40	10	B98	0.30
15031 218A	0.	0.	15200.	13987.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 219A	0.	0.	15200.	13987.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 220A	70.	180.	15270.	14005.	0	0.	0.00000	0.00	0.00	0.	40	13	B98	0.46
15031 221C	43.	144.	43.	144.	4	340.	0.01500	3.75	0.00	0.	30	8	B98	0.23
15031 222C	8.	26.	51.	169.	4	440.	0.01600	4.00	0.00	0.	40	8	B98	0.23
15031 223C	8.	31.	59.	194.	4	560.	0.01250	4.25	0.00	0.	40	6	B98	0.37
15031 224C	3.	11.	62.	199.	4	920.	0.00330	5.50	0.00	0.	40	6	B98	0.23
15031 225C	10.	34.	72.	213.	4	260.	0.00800	4.75	0.00	0.	30	8	B98	0.37

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 226C	49.	154.	121.	337.	4	2190.	0.00940	5.50	0.00	0.	30	9	B98	0.23
15031 227C	95.	225.	216.	513.	4	680.	0.00500	7.25	0.00	0.	40	13	B98	0.15
15031 228B	47.	122.	47.	122.	4	375.	0.01330	3.50	0.00	0.	50	11	B98	0.30

CONFLUENCE Q' S

* 15031 229B TB 1155 QB 122. QBC 518. QC 396. 15031 229C TC 1161 QC 508. QCB 598. QB 90. *

* 15031 229BC TBC 1160 QBC 606. QB 104. QC 502. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 229BC	216.	508.	263.	606.	4	820.	0.01220	6.50	0.00	0.	10	0	B98	0.00
15031 230B	68.	169.	331.	747.	5	2380.	0.00850	10.00	2.00	0.	40	13	B98	0.32
15031 231C	81.	200.	81.	200.	4	1760.	0.00600	5.00	0.00	0.	40	13	B98	0.30
15031 232C	77.	192.	158.	369.	4	130.	0.01500	5.25	0.00	0.	40	13	B98	0.33

CONFLUENCE Q' S

* 15031 233B TB 1163 QB 725. QBC 1032. QC 308. 15031 233C TC 1158 QC 368. QCB 964. QB 596. *

* 15031 233BC TBC 1161 QBC 1054. QB 696. QC 358. *

CALLEGUA. 990														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 233BC	158.	368.	489.	1054.	5	630.	0.00800	10.00	2.00	0.	10	0	B98	0.00
15031 234B	0.	0.	489.	1050.	5	2900.	0.01600	10.00	2.00	0.	10	99	B98	0.00
15031 235B	60.	171.	549.	1091.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.67

 * CONFLUENCE Q' S *
 * 15031 236A TA 1186 QA 14005. QAB 14212. QB 207. 15031 236B TB 1163 QB 1091. QBA 8151. QA 7060. *
 * 15031 236AB TAB 1186 QAB 14212. QA 14005. QB 207. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 236AB	549.	1091.	15819.	14212.	5	1630.	0.00200	60.00	2.00	0.	10	0	B98	0.00
15031 237C	72.	211.	72.	211.	1	1700.	0.07000	0.00	0.00	0.	10	12	B98	0.00
15031 238C	94.	275.	166.	451.	1	1200.	0.06250	0.00	0.00	0.	10	12	B98	0.00
15031 239C	76.	206.	242.	624.	1	1700.	0.03000	0.00	0.00	0.	20	12	B98	0.00
15031 240C	68.	184.	310.	705.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00
15031 241C	67.	196.	377.	860.	1	2000.	0.09500	0.00	0.00	0.	10	12	B98	0.00
15031 242C	92.	270.	469.	1007.	1	500.	0.07000	0.00	0.00	0.	10	12	B98	0.00
15031 243C	115.	322.	584.	1280.	1	1150.	0.11000	0.00	0.00	0.	10	13	B98	0.00
15031 244C	71.	232.	655.	1410.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.00
15031 245D	96.	258.	96.	258.	3	1300.	0.08000	0.00	0.00	0.	10	14	B98	0.00
15031 246D	43.	131.	139.	371.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 247C TC 1161 QC 1410. QCD 1737. QD 328. 15031 247D TD 1157 QD 371. QDC 1708. QC 1337. *
 * 15031 247CD TCD 1158 QCD 1749. QC 1379. QD 370. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 247CD	139.	371.	794.	1749.	1	1750.	0.03140	0.00	0.00	0.	10	0	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 248C	70.	201.	864.	1833.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00
15031 249D	0.	0.	0.	371.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 250D	89.	250.	89.	250.	1	2100.	0.04760	0.00	0.00	0.	10	13	B98	0.12
15031 251E	0.	0.	0.	457.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 252E	68.	183.	68.	183.	1	1350.	0.07780	0.00	0.00	0.	10	14	B98	0.00
15031 253D	100.	281.	189.	475.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.10

 * CONFLUENCE Q' S *
 * 15031 254D TD 1160 QD 475. QDE 652. QE 177. 15031 254E TE 1160 QE 177. QED 652. QD 475. *
 * 15031 254DE TDE 1160 QDE 652. QD 475. QE 177. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 254DE	68.	177.	257.	652.	1	1650.	0.02420	0.00	0.00	0.	10	0	B98	0.00
15031 255D	114.	306.	371.	856.	1	2000.	0.03250	0.00	0.00	0.	10	14	B98	0.00
15031 256D	78.	218.	449.	915.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.00
15031 257D	103.	277.	552.	1103.	1	2750.	0.17800	0.00	0.00	0.	10	14	B98	0.00
15031 258D	0.	0.	552.	1088.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 259D	95.	266.	647.	1255.	1	350.	0.05000	0.00	0.00	0.	10	13	B98	0.00
15031 260D	56.	160.	703.	1349.	1	1100.	0.03180	0.00	0.00	0.	20	11	B98	0.00
15031 261D	60.	196.	763.	1431.	1	1400.	0.02860	0.00	0.00	0.	10	10	B98	0.00
15031 262D	46.	140.	809.	1425.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.00

 * CONFLUENCE Q' S *

 *
 Page 11

CALLEGUA. 990

```

* 15031 263C TC 1162 QC 1833. QCD 3247. QD 1413. 15031 263D TD 1164 QD 1425. QDC 3166. QC 1741. *
* 15031 263CD TCD 1162 QCD 3247. QC 1833. QD 1413. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 263CD	809.	1425.	1673.	3247.	1	650.	0.05380	0.00	0.00	0.	10	0	B98	0.00
15031 264C	51.	155.	1724.	3282.	1	1300.	0.01150	0.00	0.00	0.	20	10	B98	0.00
15031 265C	84.	226.	1808.	3257.	1	400.	0.01250	0.00	0.00	0.	30	11	B98	0.00
15031 266C	74.	191.	1882.	3293.	1	600.	0.00830	0.00	0.00	0.	20	13	B98	0.00
15031 267C	51.	146.	1933.	3306.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00
15031 268C	55.	158.	1988.	3329.	1	830.	0.00600	0.00	0.00	0.	20	11	B98	0.00
15031 269C	43.	131.	2031.	3316.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.00
15031 270C	73.	198.	2104.	3342.	1	1000.	0.01000	0.00	0.00	0.	20	12	B98	0.00
15031 271D	77.	238.	77.	238.	1	2400.	0.06460	0.00	0.00	0.	10	11	B98	0.00
15031 272D	91.	261.	168.	428.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00
15031 273E	63.	194.	63.	194.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031 274E	73.	170.	136.	364.	1	1000.	0.04500	0.00	0.00	0.	10	18	B98	0.06
15031 275E	67.	187.	203.	537.	1	2100.	0.04500	0.00	0.00	0.	10	13	B98	0.01
15031 276E	74.	191.	277.	656.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.00

```

* CONFLUENCE Q' S *
* 15031 277D TD 1159 QD 428. QDE 1044. QE 616. 15031 277E TE 1161 QE 656. QED 1030. QD 374. *
* 15031 277DE TDE 1160 QDE 1046. QD 404. QE 642. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 277DE	277.	656.	445.	1046.	1	2400.	0.03960	0.00	0.00	0.	10	0	B98	0.00
15031 278D	86.	219.	531.	1105.	0	0.	0.00000	0.00	0.00	0.	30	12	B98	0.00
15031 279E	72.	222.	72.	222.	1	2400.	0.07700	0.00	0.00	0.	10	11	B98	0.00
15031 280E	61.	186.	133.	346.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.00

```

* CONFLUENCE Q' S *
* 15031 281D TD 1163 QD 1105. QDE 1345. QE 240. 15031 281E TE 1158 QE 346. QED 1253. QD 907. *
* 15031 281DE TDE 1161 QDE 1366. QD 1049. QE 317. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 281DE	133.	346.	664.	1366.	1	1050.	0.01900	0.00	0.00	0.	10	0	B98	0.00
15031 282E	69.	185.	69.	185.	1	1300.	0.07700	0.00	0.00	0.	10	14	B98	0.00
15031 283F	70.	205.	70.	205.	1	1050.	0.06200	0.00	0.00	0.	10	12	B98	0.00
15031 284E	72.	206.	141.	369.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00

```

* CONFLUENCE Q' S *
* 15031 285E TE 1157 QE 369. QEF 566. QF 197. 15031 285F TF 1158 QF 200. QFE 567. QE 367. *
* 15031 285EF TEF 1158 QEF 567. QE 367. QF 200. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 285EF	70.	200.	211.	567.	1	2000.	0.05300	0.00	0.00	0.	10	0	B98	0.00
15031 286D	69.	198.	733.	1374.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.00

```

* CONFLUENCE Q' S *
* 15031 287D TD 1164 QD 1374. QDE 1892. QE 519. 15031 287E TE 1162 QE 540. QED 1904. QD 1363. *
* 15031 287DE TDE 1162 QDE 1904. QD 1363. QE 540. *
*****

```

CALLEGUA. 990														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 287DE	211.	540.	944.	1904.	4	800.	0.05000	7.75	0.00	0.	10	0	B98	0.00
15031 288E	53.	152.	53.	152.	1	1000.	0.08000	0.00	0.00	0.	20	11	B98	0.00
15031 289F	84.	217.	84.	217.	1	1050.	0.04300	0.00	0.00	0.	20	13	B98	0.00
15031 290F	72.	178.	156.	380.	1	1150.	0.05220	0.00	0.00	0.	20	14	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 291E TE 1158 QE 147. QEF 487. QF 341. 15031 291F TF 1161 QF 373. QFE 508. QE 135. *
 * 15031 291EF TEF 1160 QEF 510. QE 141. QF 369. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 291EF	156.	373.	209.	510.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 292D TD 1163 QD 1903. QDE 2379. QE 477. 15031 292E TE 1160 QE 510. QED 2295. QD 1785. *
 * 15031 292DE TDE 1162 QDE 2395. QD 1900. QE 495. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC. CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 292DE	209.	510.	1153.	2395.	1	850.	0.01100	0.00	0.00	0.	10	0	B98	0.00
15031 293D	69.	198.	1222.	2395.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.00
15031 294D	62.	173.	1284.	2502.	1	900.	0.01100	0.00	0.00	0.	10	13	B98	0.00
15031 295D	0.	0.	1284.	2460.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 296C TC 1174 QC 3316. QCD 5266. QD 1950. 15031 296D TD 1166 QD 2460. QDC 5153. QC 2693. *
 * 15031 296CD TCD 1171 QCD 5483. QC 3236. QD 2246. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 296CD	1284.	2460.	3388.	5483.	5	500.	0.01000	20.00	0.00	0.	10	0	B98	0.00
15031 297C	63.	192.	3451.	5498.	5	1950.	0.01030	10.00	3.00	0.	30	9	B98	0.04
15031 298C	0.	0.	3451.	5435.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 299C	131.	354.	3582.	5463.	5	1500.	0.01670	10.00	3.00	0.	30	11	B98	0.02
15031 300C	128.	299.	3710.	5464.	5	1050.	0.00950	10.00	3.00	0.	30	14	B98	0.03
15031 301D	70.	201.	70.	201.	1	2140.	0.04000	0.00	0.00	0.	20	11	B98	0.02
15031 302D	55.	177.	125.	278.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.00
15031 303C	34.	83.	3744.	5446.	0	0.	0.00000	0.00	0.00	0.	50	11	B98	0.12

 * CONFLUENCE Q' S *
 * 15031 304C TC 1178 QC 5446. QCD 5503. QD 57. 15031 304D TD 1157 QD 278. QDC 2979. QC 2701. *
 * 15031 304CD TCD 1178 QCD 5503. QC 5446. QD 57. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 304CD	125.	278.	3869.	5503.	5	1480.	0.00100	30.00	3.00	0.	10	0	B98	0.00
15031 305A	77.	220.	15896.	14144.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.23

 * CONFLUENCE Q' S *
 * 15031 306A TA 1189 QA 14144. QAC 19171. QC 5028. 15031 306C TC 1184 QC 5354. QCA 18965. QA 13612. *
 * 15031 306AC TAC 1187 QAC 19268. QA 14051. QC 5217. *

SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
---------	---------	-------	-------	------	------	------	------	------	------	---------	------	------	-----

CALLEGUA. 990															
LOCATION	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
15031	306AC	3869.	5354.	19765.	19268.	5	1030.	0.00600	30.00	3.00	0.	10	0	B98	0.00
15031	307A	57.	145.	19822.	19246.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.23
15031	308A	42.	115.	19864.	19248.	5	840.	0.00700	50.00	3.00	0.	40	10	B98	0.05
15031	309B	83.	248.	83.	248.	5	1200.	0.00200	5.00	2.00	0.	30	10	B98	0.23
15031	310B	55.	156.	138.	366.	5	750.	0.00130	7.00	2.00	0.	40	10	B98	0.21
15031	311B	41.	117.	179.	442.	5	680.	0.00300	7.00	2.00	0.	40	10	B98	0.24
15031	312B	69.	174.	248.	589.	5	3010.	0.01600	7.00	0.00	0.	40	12	B98	0.20
15031	313B	0.	0.	248.	561.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	314B	34.	100.	282.	610.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.37

* CONFLUENCE Q' S *
* 15031 315A TA 1190 QA 19231. QAB 19294. QB 63. 15031 315B TB 1161 QB 610. QBA 9118. QA 8508. *
* 15031 315AB TAB 1190 QAB 19294. QA 19231. QB 63. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q10OP, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	315AB	282.	610.	20146.	19294.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	316A	0.	0.	20146.	19294.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	317A	40.	120.	20186.	19298.	5	1520.	0.00660	90.00	2.00	0.	40	9	B98	0.20
15031	318A	54.	151.	20240.	19265.	0	0.	0.00000	0.00	0.00	0.	50	9	B98	0.17
15031	319A	86.	231.	20326.	19283.	0	0.	0.00000	0.00	0.00	0.	30	12	B98	0.27
15031	320B	84.	209.	84.	209.	5	2200.	0.02730	20.00	3.00	0.	20	14	B98	0.05
15031	321B	98.	227.	182.	395.	0	0.	0.00000	0.00	0.00	0.	30	15	B98	0.17
15031	322B	72.	192.	254.	564.	5	2120.	0.01200	30.00	3.00	0.	30	12	B98	0.22

* CONFLUENCE Q' S *
* 15031 323A TA 1192 QA 19283. QAB 19374. QB 91. 15031 323B TB 1165 QB 521. QBA 10137. QA 9615. *
* 15031 323AB TAB 1192 QAB 19374. QA 19283. QB 91. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	323AB	254.	521.	20580.	19374.	5	930.	0.01100	60.00	2.00	0.	10	0	B98	0.00
15031	324A	83.	248.	20663.	19374.	5	2300.	0.00730	60.00	2.00	0.	30	10	B98	0.23
15031	325A	24.	68.	20687.	19295.	5	600.	0.00400	99.00	2.00	0.	50	9	B98	0.23
15031	326B	535.	1256.	535.	1256.	1	2150.	0.03180	0.00	0.00	0.	10	24	C99	0.00
15031	327B	152.	378.	687.	1576.	0	0.	0.00000	0.00	0.00	0.	10	16	B98	0.00
15031	328C	551.	1747.	551.	1747.	1	400.	0.05000	0.00	0.00	0.	10	14	C99	0.00

* CONFLUENCE Q' S *
* 15031 329B TB 1161 QB 1576. QBC 3173. QC 1597. 15031 329C TC 1155 QC 1746. QCB 3050. QB 1304. *
* 15031 329BC TBC 1159 QBC 3225. QB 1554. QC 1671. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	329BC	551.	1746.	1238.	3225.	1	6450.	0.01540	0.00	0.00	0.	10	0	B98	0.00
15031	330C	525.	933.	525.	933.	1	650.	0.01660	0.00	0.00	0.	20	24	B98	0.00
15031	331B	229.	398.	1467.	2926.	0	0.	0.00000	0.00	0.00	0.	30	22	B98	0.00

* CONFLUENCE Q' S *
* 15031 332B TB 1171 QB 2926. QBC 3720. QC 794. 15031 332C TC 1159 QC 928. QCB 2611. QB 1683. *
* 15031 332BC TBC 1170 QBC 3743. QB 2925. QC 818. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

CALLEGUA. 990															
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 332BC	525.	928.	1992.	3743.	0	0.	0.00000	0.00	0.00	0.	30	0	B98	0.00	
15031 333B	564.	1430.	2556.	4696.	1	3800.	0.02620	0.00	0.00	0.	20	18	C99	0.00	
15031 334B	146.	279.	2702.	4652.	0	0.	0.00000	0.00	0.00	0.	30	19	B98	0.00	
15031 335C	603.	1620.	603.	1620.	1	8100.	0.02660	0.00	0.00	0.	10	14	B98	0.00	
15031 336C	498.	1091.	1101.	1922.	0	0.	0.00000	0.00	0.00	0.	10	20	B98	0.00	

CONFLUENCE Q'S															
15031 337B TB 1170 QB	4652. QBC	6431. QC	1779.	15031 337C TC 1168 QC	1922. QCB	6445. QB	4523.								

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 337BC	1101.	1922.	3803.	6453.	1	5300.	0.02240	0.00	0.00	0.	10	0	B98	0.00	
15031 338B	390.	808.	4193.	6480.	0	0.	0.00000	0.00	0.00	0.	10	22	B98	0.05	
15031 339C	662.	1148.	662.	1148.	1	3450.	0.04110	0.00	0.00	0.	20	25	B98	0.00	
15031 340C	260.	537.	922.	1548.	0	0.	0.00000	0.00	0.00	0.	30	17	B98	0.02	

CONFLUENCE Q'S															
15031 341B TB 1173 QB	6480. QBC	7602. QC	1122.	15031 341C TC 1164 QC	1548. QCB	6661. QB	5113.								

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 341BC	922.	1548.	5115.	7602.	1	4100.	0.04070	0.00	0.00	0.	30	0	B98	0.00	
15031 342C	413.	994.	413.	994.	1	4600.	0.05740	0.00	0.00	0.	10	17	B98	0.02	
15031 343B	441.	881.	5556.	7643.	0	0.	0.00000	0.00	0.00	0.	20	20	B98	0.02	

CONFLUENCE Q'S															
15031 344B TB 1176 QB	7643. QBC	8201. QC	558.	15031 344C TC 1166 QC	915. QCB	7774. QB	6859.								

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 344BC	413.	915.	5969.	8379.	0	0.	0.00000	0.00	0.00	0.	20	0	B98	0.00	
15031 345C	597.	1124.	597.	1124.	1	2900.	0.03610	0.00	0.00	0.	10	26	B98	0.05	
15031 346B	322.	619.	6291.	8886.	0	0.	0.00000	0.00	0.00	0.	10	25	B98	0.02	

CONFLUENCE Q'S															
15031 347B TB 1171 QB	8886. QBC	9945. QC	1059.	15031 347C TC 1166 QC	1095. QCB	9444. QB	8348.								

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 347BC	597.	1095.	6888.	9945.	1	4800.	0.03350	0.00	0.00	0.	10	0	B98	0.00	
15031 348B	506.	1082.	7394.	9948.	1	900.	0.04500	0.00	0.00	0.	20	18	B98	0.05	
15031 349C	485.	1430.	485.	1430.	1	6800.	0.04020	0.00	0.00	0.	10	16	C99	0.00	
15031 350C	543.	1191.	1028.	2177.	1	3300.	0.03260	0.00	0.00	0.	10	20	B98	0.02	
15031 351D	669.	1642.	669.	1642.	1	4000.	0.04350	0.00	0.00	0.	10	22	C99	0.00	
15031 352D	471.	1297.	1140.	2745.	1	7400.	0.03530	0.00	0.00	0.	10	18	C99	0.02	
15031 353C	329.	744.	1357.	2619.	0	0.	0.00000	0.00	0.00	0.	10	19	B98	0.05	

CONFLUENCE Q'S															
15031 354C TC 1167 QC	2619. QCD	4819. QD	2200.	15031 354D TD 1173 QD	2506. QDC	4767. QC	2261.								

CALLEGUA. 990														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT	
	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 354CD	1140.	2506.	2497.	4971.	1	7600.	0.02500	0.00	0.00	0.	10	0	B98	0.00
15031 355C	645.	1269.	3142.	4739.	0	0.	0.00000	0.00	0.00	0.	20	21	B98	0.10
VENTURA COUNTY FLOOD CONTROL DISTRICT														
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952														
CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT	
	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV

CONFLUENCE Q'S														
* 15031 356B TB 1176 QB	9939.	QBC	14489.	QC	4550.	15031	356C TC 1180 QC	4739.	QCB	14464.	QB	9725.	*	

CONFLUENCE Q'S														
* 15031 356BC 3142.	4739.	10536.	14543.	1	2000.	0.02500	0.00	0.00	0.	20	0	B98	0.00	*
15031 357B 542.	1023.	11078.	14697.	1	1000.	0.02500	0.00	0.00	0.	20	22	B98	0.05	*
15031 358B 278.	559.	11356.	14802.	0	0.	0.00000	0.00	0.00	0.	10	23	B98	0.00	*
15031 359B 69.	188.	11425.	14818.	1	1300.	0.00800	0.00	0.00	0.	20	12	B98	0.05	*

CONFLUENCE Q'S														
* 15031 360B TB 1183 QB	14798.	QBF	10600.	QF	4198.	15031	360F TF 1183 QF	4198.	QFB	10600.	QB	14798.	*	

CONFLUENCE Q'S														
* 15031 360BF 0.	4198.	11425.	10600.	0	0.	0.00000	0.00	0.00	10600.	10	0	B98	0.00	*
15031 360F 0.	0.	0.	4198.	3	1600.	0.00800	40.00	0.00	0.	10	99	B98	0.00	*
15031 361C 69.	222.	69.	222.	4	1650.	0.08000	3.25	0.00	0.	20	9	B98	0.00	*
15031 362C 32.	98.	101.	314.	4	480.	0.01700	4.75	0.00	0.	20	10	B98	0.06	*
15031 363D 37.	116.	37.	116.	4	1320.	0.01700	3.25	0.00	0.	20	10	B98	0.23	*
15031 364C 35.	115.	136.	422.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.23	*

CONFLUENCE Q'S														
* 15031 365C TC 1156 QC	422.	QCD	530.	QD	108.	15031	365D TD 1158 QD	111.	QDC	506.	QC	395.	*	

CONFLUENCE Q'S														
* 15031 365CD 37.	111.	173.	530.	4	1030.	0.01400	6.00	0.00	0.	10	0	B98	0.00	*

CONFLUENCE Q'S														
* 15031 366B TB 1163 QB	10600.	QBC	10924.	QC	324.	15031	366C TC 1158 QC	523.	QCB	9700.	QB	9176.	*	

CONFLUENCE Q'S														
* 15031 366BC 173.	523.	11598.	10950.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00	*

CONFLUENCE Q'S														
* 15031 367B TB 1162 QB	10950.	QBF	10600.	QF	350.	15031	367F TF 1162 QF	350.	QFB	10600.	QB	10950.	*	

CONFLUENCE Q'S														
* 15031 367BF 0.	350.	11598.	10600.	5	1600.	0.00800	30.00	0.00	10600.	10	0	B98	0.00	*
15031 367F 0.	0.	0.	350.	3	1600.	0.00800	40.00	0.00	0.	10	99	B98	0.00	*
15031 368C 33.	94.	33.	94.	3	1720.	0.01400	0.00	0.00	0.	40	10	B98	0.23	*

CALLEGUA. 990
 VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														STORM DAY 4	
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 369C	52.	155.	85.	197.	0	0.	0.0000	0.00	0.00	0.	30	10	B98	0.23	

* CONFLUENCE Q' S *															
* 15031 370B TB 1167 QB	10600.	QBC	10686.	QC	86.	15031	370C TC 1158 QC	197.	QCB	9423.	QB	9226.			*
* 15031 370BC TBC 1163 QBC	10707.	QB	10594.	QC	114.										*

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 370BC	85.	197.	11683.	10707.	0	0.	0.0000	0.00	0.00	0.	10	0	B98	0.00	
15031 371B	28.	68.	11711.	10757.	0	0.	0.0000	0.00	0.00	0.	30	14	B98	0.20	

* CONFLUENCE Q' S *															
* 15031 372B TB 1163 QB	10757.	QBF	10757.	QF	0.	15031	372F TF 0 QF	0.	QFB	0.	QB	0.			*
* 15031 372BF TBF 1163 QBF	10757.	QB	10757.	QF	0.										*

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 372BF	0.	0.	11711.	10757.	5	1800.	0.01250	30.00	0.00	11800.	10	0	B98	0.00	
15031 372F	0.	0.	0.	0.	3	1300.	0.01250	40.00	0.00	0.	10	99	B98	0.00	
15031 373C	42.	125.	42.	125.	3	1250.	0.00960	0.00	0.00	0.	30	10	B98	0.23	
15031 374C	39.	116.	81.	196.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.23	

* CONFLUENCE Q' S *															
* 15031 375B TB 1165 QB	10749.	QBC	10864.	QC	115.	15031	375C TC 1158 QC	196.	QCB	9207.	QB	9011.			*
* 15031 375BC TBC 1164 QBC	10867.	QB	10743.	QC	124.										*

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 375BC	81.	196.	11792.	10867.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00	

* CONFLUENCE Q' S *															
* 15031 376B TB 1164 QB	10867.	QBF	10867.	QF	0.	15031	376F TF 0 QF	0.	QFB	0.	QB	0.			*
* 15031 376BF TBF 1164 QBF	10867.	QB	10867.	QF	0.										*

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 376BF	0.	0.	11792.	10867.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00	
15031 377B	20.	60.	11812.	10877.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.23	

* CONFLUENCE Q' S *															
* 15031 378B TB 1164 QB	10877.	QBF	10877.	QF	0.	15031	378F TF 0 QF	0.	QFB	0.	QB	0.			*
* 15031 378BF TBF 1164 QBF	10877.	QB	10877.	QF	0.										*

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031 378BF	0.	0.	11812.	10877.	5	1380.	0.01350	28.00	0.00	12800.	10	0	B98	0.00	
15031 378F	0.	0.	0.	0.	3	1380.	0.01350	40.00	0.00	0.	10	99	B98	0.00	
15031 379B	44.	138.	11856.	10892.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.40	
15031 380C	74.	171.	74.	171.	4	1340.	0.01700	4.00	0.00	0.	30	15	B98	0.17	
15031 381C	57.	179.	131.	337.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.23	

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														STORM DAY 4	
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	

CALLEGUA. 990															
15031	382C	42.	133.	173.	465.	4	1280.	0.01500	5.75	0.00	0.	30	9	B98	0.26
15031	383C	39.	114.	212.	565.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.10
15031	384C	34.	108.	246.	665.	4	1850.	0.00500	8.00	0.00	0.	40	9	B98	0.48

 *
 * 15031 385B TB 1165 QB 10892. QBC 11331. QC 439. 15031 385C TC 1160 QC 638. QCB 10482. QB 9845. *
 * 15031 385BC TBC 1164 QBC 11359. QB 10853. QC 506. *

CONFLUENCE Q' S														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	N	PCT
AREA	Q	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 385BC	246.	638.	12102.	11359.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 386C	43.	128.	43.	128.	4	800.	0.01000	3.75	0.00	0.	30	10	B98	0.23

 *
 * 15031 387B TB 1164 QB 11359. QBC 11408. QC 49. 15031 387C TC 1156 QC 125. QCB 8843. QB 8718. *
 * 15031 387BC TBC 1164 QBC 11408. QB 11359. QC 49. *

CONFLUENCE Q' S														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	N	PCT
AREA	Q	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 387BC	43.	125.	12145.	11408.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

 *
 * 15031 388B TB 1164 QB 11408. QBF 9000. QF 2408. 15031 388F TF 1164 QF 2408. QFB 9000. QB 11408. *
 * 15031 388BF TBF 1157 QBF 9000. QB 9282. QF 282. *

CONFLUENCE Q' S														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	N	PCT
AREA	Q	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 388BF	0.	2408.	12145.	9000.	5	1800.	0.01350	28.00	0.00	9000.	10	0	B98	0.00
15031 388F	0.	0.	0.	2408.	3	4500.	0.01000	40.00	0.00	0.	10	99	B98	0.00
15031 389B	45.	133.	12190.	9099.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.37
15031 390B	41.	111.	12231.	9184.	5	1606.	0.01080	10.00	1.25	0.	50	10	B98	0.23
15031 391B	0.	0.	12231.	9168.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

 *
 * 15031 392B TB 1160 QB 9168. QBF 3800. QF 5368. 15031 392F TF 1160 QF 5368. QFB 3800. QB 9168. *
 * 15031 392BF TBF 1100 QBF 3800. QB 3981. QF 181. *

CONFLUENCE Q' S														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	N	PCT
AREA	Q	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 392BF	0.	5368.	12231.	3800.	5	744.	0.01080	10.00	1.25	3800.	10	0	B98	0.00
15031 392F	0.	0.	0.	5368.	3	744.	0.01000	40.00	0.00	0.	10	99	B98	0.00
15031 393B	96.	244.	12327.	4044.	5	1200.	0.01500	10.00	1.25	0.	30	12	B98	0.00
15031 394C	20.	47.	20.	47.	4	1320.	0.03000	2.25	0.00	0.	30	15	B98	0.22
15031 395D	33.	97.	33.	97.	4	1540.	0.00500	4.00	0.00	0.	30	10	B98	0.15
15031 396C	71.	210.	91.	249.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.18

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

 *
 * 15031 397C TC 1155 QC 249. QCD 314. QD 65. 15031 397D TD 1160 QD 89. QDC 270. QC 180. *
 * 15031 397CD TCD 1157 QCD 324. QC 242. QD 82. *

CONFLUENCE Q' S														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	N	PCT
AREA	Q	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 397CD	33.	89.	124.	324.	4	1830.	0.02350	4.50	0.00	0.	10	0	B98	0.00
15031 398D	43.	120.	43.	120.	4	1100.	0.00500	4.25	0.00	0.	30	11	B98	0.19
15031 399C	74.	233.	198.	517.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.23

CALLEGUA. 990

 * CONFLUENCE Q' S *
 * 15031 400C TC 1157 QC 517. QCD 631. QD 113. 15031 400D TD 1158 QD 115. QDC 611. QC 495. *
 * 15031 400CD TCD 1157 QCD 631. QC 517. QD 113. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 400CD	43.	115.	241.	631.	4	1380.	0.02400	6.00	0.00	0.	10	0	B98	0.00
15031 401C	75.	191.	316.	800.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.23
15031 402C	45.	144.	361.	922.	4	2040.	0.01670	7.25	0.00	0.	30	9	B98	0.32
15031 403C	78.	224.	439.	1094.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.50
15031 404C	53.	161.	492.	1222.	5	750.	0.01330	10.00	0.00	0.	40	10	B98	0.50
15031 405C	35.	107.	527.	1301.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.50

 * CONFLUENCE Q' S *
 * 15031 406B TB 1156 QB 4044. QBC 5247. QC 1203. 15031 406C TC 1159 QC 1301. QCB 5328. QB 4027. *
 * 15031 406BC TBC 1158 QBC 5330. QB 4035. QC 1295. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 406BC	527.	1301.	12854.	5330.	5	1000.	0.01500	10.00	1.25	0.	10	0	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 407B TB 1159 QB 5327. QBF 3800. QF 1527. 15031 407F TF 1159 QF 1527. QFB 3800. QB 5327. *
 * 15031 407BF TBF 1100 QBF 3800. QB 3934. QF 134. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 407BF	0.	1527.	12854.	3800.	5	2100.	0.01500	10.00	1.25	3800.	10	0	B98	0.00
15031 407F	0.	0.	0.	1527.	3	2100.	0.01300	40.00	0.00	0.	10	99	B98	0.00
15031 408B	62.	167.	12916.	3967.	5	250.	0.01500	10.00	1.25	0.	40	11	B98	0.23
15031 409B	109.	277.	13025.	4243.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.23
15031 410B	0.	0.	13025.	4243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 411B TB 1155 QB 4243. QBF 4243. QF 0. 15031 411F TF 0 QF 0. QFB 0. QB 0. *
 * 15031 411BF TBF 1155 QBF 4243. QB 4243. QF 0. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 411BF	0.	0.	13025.	4243.	5	1500.	0.00860	10.00	1.25	6300.	10	0	B98	0.00
15031 411F	0.	0.	0.	0.	3	1500.	0.00860	40.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 411BF	0.	0.	13025.	4243.	5	1500.	0.00860	10.00	1.25	6300.	10	0	B98	0.00
15031 411F	0.	0.	0.	0.	3	1500.	0.00860	40.00	0.00	0.	10	99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 412B TB 1156 QB 4241. QBF 4241. QF 0. 15031 412F TF 0 QF 0. QFB 0. QB 0. *
 * 15031 412BF TBF 1156 QBF 4241. QB 4241. QF 0. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
15031 412BF	0.	0.	13025.	4241.	5	600.	0.00860	10.00	1.25	4800.	10	0	B98	0.00
15031 412F	0.	0.	0.	0.	3	600.	0.00860	40.00	0.00	0.	10	99	B98	0.00
15031 413B	0.	0.	13025.	4239.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 414B	0.	0.	13025.	4239.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 415B	0.	0.	13025.	4239.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 416B	0.	0.	13025.	4239.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CALLEGUA. 990
 15031 417B 84. 238. 13109. 4470. 5 1380. 0.00860 10.00 1.25 0. 30 11 B98 0.27
 15031 418B 73. 201. 13182. 4655. 0 0. 0.00000 0.00 0.00 0. 40 11 B98 0.33

CONFLUENCE Q' S
 * 15031 419A TA 1197 QA 19281. QAB 23140. QB 3859. 15031 419B TB 1157 QB 4655. QBA 11740. QA 7085. *
 * 15031 419AB TAB 1197 QAB 23140. QA 19281. QB 3859. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 419AB	13182.	4655.	33869.	23140.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 420B	228.	618.	228.	618.	1	1300.	0.06200	0.00	0.00	0.	20	12	B98	0.00
15031 421B	210.	648.	438.	1220.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031 422C	284.	648.	284.	648.	1	475.	0.06300	0.00	0.00	0.	20	16	B98	0.00
15031 423BC	284.	648.	722.	1867.	1	3000.	0.03700	0.00	0.00	0.	20	0	B98	0.00
15031 424B	232.	530.	954.	2213.	0	0.	0.00000	0.00	0.00	0.	20	16	B98	0.00

HYDROGRAPH FATTENED AT 424B
 * INCOMING HYDROGRAPH PEAK = 2212.67 INCOMING HYDROGRAPH VOLUME = 171.99 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.92080 RUNOFF FACTOR = 3.60 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 2037.43 ADJUSTED HYDROGRAPH VOLUME = 158.36 AC. FT. *
 * ADJ/FATTENED HYDROGRAPH PEAK = 2037.43 ADJ/FATTENED HYDROGRAPH VOLUME = 286.08 AC. FT. *

RESERVOIR ROUTING AT 424B
 * INCOMING HYDROGRAPH PEAK = 2037.43 INCOMING HYDROGRAPH VOLUME = 286.08 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.92080 *
 * RESERVOIR INFLOW PEAK = 2037.43 TIME OF PEAK = 1162 VOLUME UNDER INFLOW HYDROGRAPH = 286.08 AC. FT. *
 * MAXIMUM ELEVATION = 1091.20 TIME = 1169 SPILLAGE ELEVATION = 1086.50 DIFFERENCE = +4.70 *
 * SPILLED FROM 1130 TO 1360 FOR 231 MINUTES *
 * RESERVOIR OUTFLOW PEAK = 1482.02 TIME OF PEAK = 1169 VOLUME UNDER OUTFLOW HYDROGRAPH = 208.47 AC. FT. *

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 424B	232.	530.	954.	1482.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031 425B	0.	0.	954.	1482.	5	1300.	0.04230	20.00	3.00	0.	10	99	B98	0.00
15031 426B	138.	341.	1092.	1533.	5	1400.	0.03210	20.00	3.00	0.	20	14	B98	0.00
15031 427B	0.	0.	1092.	1528.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 428B	87.	207.	1179.	1556.	5	2400.	0.02050	7.50	1.50	0.	30	14	B98	0.12
15031 429C	99.	256.	99.	256.	1	1620.	0.05450	0.00	0.00	0.	20	13	B98	0.00
15031 430C	103.	266.	202.	484.	1	1900.	0.03160	0.00	0.00	0.	20	13	B98	0.00
15031 431C	0.	0.	202.	458.	4	700.	0.35700	3.25	0.00	0.	10	99	B98	0.00
15031 432B	100.	236.	1279.	1579.	0	0.	0.00000	0.00	0.00	0.	30	14	B98	0.08

CONFLUENCE Q' S
 * 15031 433B TB 1173 QB 1579. QBC 1844. QC 265. 15031 433C TC 1164 QC 457. QCB 2006. QB 1549. *
 * 15031 433BC TBC 1165 QBC 2034. QB 1579. QC 455. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 433BC	202.	457.	1481.	2034.	5	650.	0.02250	8.00	1.25	0.	10	0	B98	0.00
15031 434B	0.	0.	1481.	2021.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 435B	82.	214.	1563.	2129.	5	2300.	0.01960	10.00	0.00	0.	20	13	B98	0.08
15031 436B	0.	0.	1563.	2109.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 437B	69.	176.	1632.	2166.	5	1650.	0.01220	10.00	2.00	0.	40	12	B98	0.23
15031 438B	0.	0.	1632.	2151.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 439B	79.	210.	1711.	2222.	5	1500.	0.01500	12.00	2.00	0.	30	12	B98	0.21
15031 440B	71.	203.	1782.	2245.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.24

CALLEGUA. 990

 * CONFLUENCE Q' S *
 * 15031 441A TA 1197 QA 23140. QAB 24343. QB 1203. 15031 441B TB 1165 QB 2245. QBA 15342. QA 13096. *
 * 15031 441AB TAB 1196 QAB 24356. QA 23122. QB 1235. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 441AB	1782.	2245.	35651.	24356.	5	1500.	0.00850	99.00	2.00	0.	10 0	B98	0.00	
15031 442A	0.	0.	35651.	24329.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 443A	86.	208.	35737.	24340.	5	625.	0.00700	99.00	2.00	0.	40 13	B98	0.23	
15031 444B	51.	147.	51.	147.	4	1450.	0.01800	3.75	0.00	0.	40 10	B98	0.26	
15031 445B	66.	177.	117.	315.	0	0.	0.00000	0.00	0.00	0.	30 12	B98	0.25	

 * CONFLUENCE Q' S *
 * 15031 446A TA 1199 QA 24329. QAB 24349. QB 20. 15031 446B TB 1156 QB 315. QBA 12592. QA 12277. *
 * 15031 446AB TAB 1199 QAB 24349. QA 24329. QB 20. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 446AB	117.	315.	35854.	24349.	5	1700.	0.00700	99.00	2.00	0.	10 0	B98	0.00	
15031 447A	0.	0.	35854.	24316.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 448A	64.	163.	35918.	24324.	5	300.	0.00700	99.00	2.00	0.	40 12	B98	0.23	
15031 449B	0.	0.	0.	315.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 450B	41.	176.	41.	176.	1	1400.	0.05357	0.00	0.00	0.	10 6	B98	0.00	
15031 451B	58.	200.	99.	330.	1	1700.	0.04118	0.00	0.00	0.	10 9	B98	0.00	
15031 452B	41.	142.	140.	382.	0	0.	0.00000	0.00	0.00	0.	10 9	B98	0.10	

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	

* HYDROGRAPH FATTENED AT 452B *															
* INCOMING HYDROGRAPH PEAK	=	381.90			INCOMING HYDROGRAPH VOLUME					=	41.03 AC. FT.	*			
* HYDROGRAPH ADJUSTMENT FACTOR	=	1.00000			RUNOFF FACTOR					=	3.85 IN.	*			
* ADJUSTED HYDROGRAPH PEAK	=	381.90			ADJUSTED HYDROGRAPH VOLUME					=	41.03 AC. FT.	*			
* ADJ/FATTENED HYDROGRAPH PEAK	=	381.90			ADJ/FATTENED HYDROGRAPH VOLUME					=	44.91 AC. FT.	*			

* RESERVOIR ROUTING AT 452B *															
* INCOMING HYDROGRAPH PEAK	=	381.90			INCOMING HYDROGRAPH VOLUME					=	44.91 AC. FT.	*			
* HYDROGRAPH ADJUSTMENT FACTOR	=	1.00000													
* RESERVOIR INFLOW PEAK	=	381.90	TIME OF PEAK	=	1160	VOLUME UNDER INFLOW HYDROGRAPH		=	44.91 AC. FT.	*					
* MAXIMUM ELEVATION	=	1148.74	TIME	=	1183	SPI L LAGE ELEVATI ON		=	1150.90	DIFFERENCE	=	-2.16	*		
* SPI L LED FROM **** TO 1360 FOR **** MINUTES															
* RESERVOIR OUTFLOW PEAK	=	70.97	TIME OF PEAK	=	1183	VOLUME UNDER OUTFLOW HYDROGRAPH		=	42.90 AC. FT.	*					

15031 452B	41.	142.	140.	71.	0	0.	0.00000	0.00	0.00	0.	0 0	0	0.00
15031 453B	0.	0.	140.	71.	4	490.	0.02000	2.75	0.00	0.	10 99	B98	0.00
15031 454C	53.	153.	53.	153.	5	750.	0.01000	2.00	1.50	0.	20 11	B98	0.06
15031 455C	0.	0.	53.	152.	5	550.	0.03000	6.00	1.50	0.	10 99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 456B TB 1184 QB 71. QBC 83. QC 12. 15031 456C TC 1157 QC 151. QCB 212. QB 60. *
 * 15031 456BC TBC 1157 QBC 212. QB 60. QC 151. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 456BC	53.	151.	193.	212.	5	1215.	0.00650	8.00	0.00	0.	10 0	B98	0.00	
15031 457B	0.	0.	193.	208.	5	920.	0.00650	8.00	0.00	0.	10 99	B98	0.00	

CALLEGUA. 990															
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT		
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IMPV		
15031	458B	22.	76.	215.	249.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.08
15031	459C	61.	186.	61.	186.	1	950.	0.03160	0.00	0.00	0.	20	10	B98	0.00
15031	460C	49.	140.	110.	300.	1	425.	0.02750	0.00	0.00	0.	20	11	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IMPV

* HYDROGRAPH FATTENED AT 460C *													
* INCOMING HYDROGRAPH PEAK = 297.37 INCOMING HYDROGRAPH VOLUME = 17.13 AC. FT. *													
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 3.85 IN. *													
* ADJUSTED HYDROGRAPH PEAK = 297.37 ADJUSTED HYDROGRAPH VOLUME = 17.13 AC. FT. *													
* ADJ/FATTENED HYDROGRAPH PEAK = 297.37 ADJ/FATTENED HYDROGRAPH VOLUME = 35.28 AC. FT. *													

RESERVOIR ROUTING AT 460C													
* INCOMING HYDROGRAPH PEAK = 297.37 INCOMING HYDROGRAPH VOLUME = 35.28 AC. FT. *													
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000													
* RESERVOIR INFLOW PEAK = 297.37 TIME OF PEAK = 1159 VOLUME UNDER INFLOW HYDROGRAPH = 35.28 AC. FT. *													
* MAXIMUM ELEVATION = 1147.38 TIME = 1208 SPI L LAGE ELEVATION = 1150.00 DIFFERENCE = -2.62 *													
* SPI L LED FROM **** TO 1360 FOR **** MINUTES													
* RESERVOIR OUTFLOW PEAK = 55.54 TIME OF PEAK = 1208 VOLUME UNDER OUTFLOW HYDROGRAPH = 27.10 AC. FT. *													

15031	460C	49.	140.	110.	56.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031	461C	9.	7.	119.	62.	4	800.	0.02600	2.50	0.00	0.	20	90	B98	0.00

CONFLUENCE Q'S													
* 15031 462B TB 1160 QB 249. QBC 301. QC 52. 15031 462C TC 1196 QC 62. QCB 150. QB 88. *													
* 15031 462BC TBC 1160 QBC 301. QB 249. QC 52. *													

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT		
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IMPV		
15031	462BC	119.	62.	334.	301.	5	1055.	0.00600	10.00	0.00	0.	10	0	B98	0.00
15031	463B	43.	126.	377.	391.	5	1200.	0.00500	10.00	0.00	0.	10	12	B98	0.08
15031	464B	0.	0.	377.	386.	5	375.	0.01000	6.00	0.00	0.	10	99	B98	0.00
15031	465B	8.	28.	385.	389.	5	50.	0.50000	6.00	0.00	0.	20	8	B98	0.15
15031	466B	0.	0.	385.	389.	5	510.	0.01500	6.00	0.00	0.	10	99	B98	0.00
15031	467C	0.	0.	0.	62.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	468C	49.	169.	49.	169.	1	2500.	0.05600	0.00	0.00	0.	10	9	B98	0.00
15031	469C	0.	0.	49.	137.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	470C	56.	145.	105.	259.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.00
15031	471C	52.	141.	157.	381.	1	1100.	0.03640	0.00	0.00	0.	20	12	B98	0.00
15031	472C	68.	187.	225.	528.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.10
15031	473D	0.	0.	0.	115.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	474D	66.	227.	66.	227.	1	1500.	0.06670	0.00	0.00	0.	10	9	B98	0.00
15031	475D	0.	0.	66.	211.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	476D	32.	103.	98.	298.	1	1275.	0.03140	0.00	0.00	0.	20	9	B98	0.00
15031	477D	65.	186.	163.	408.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IMPV

* CONFLUENCE Q'S *													
* 15031 478C TC 1160 QC 528. QCD 931. QD 403. 15031 478D TD 1159 QD 408. QDC 931. QC 522. *													
* 15031 478CD TCD 1160 QCD 931. QC 528. QD 403. *													

CALLEGUA. 990													
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE IMPV
15031 478CD	163.	408.	388.	931.	1	800.	0.03140	0.00	0.00	0.	10 0	B98	0.00
15031 479C	23.	75.	411.	954.	0	0.	0.00000	0.00	0.00	0.	20 9	B98	0.10
15031 480D	73.	181.	73.	181.	0	0.	0.00000	0.00	0.00	0.	20 14	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 481C TC 1160 QC 954. QCD 1118. QD 164. 15031 481D TD 1154 QD 181. QDC 844. QC 663. *
 * 15031 481CD TCD 1160 QCD 1118. QC 954. QD 164. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE IMPV
15031 481CD	73.	181.	484.	1118.	1	1300.	0.03080	0.00	0.00	0.	10 0	B98	0.00
15031 482C	46.	113.	530.	1165.	0	0.	0.00000	0.00	0.00	0.	30 13	B98	0.08
15031 483C	0.	0.	530.	1165.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 484C	62.	182.	592.	1289.	1	1400.	0.02710	0.00	0.00	0.	10 12	B98	0.05
15031 485C	0.	0.	592.	1264.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 486C	79.	195.	671.	1380.	1	1500.	0.02670	0.00	0.00	0.	30 13	B98	0.09
15031 487C	61.	150.	732.	1369.	5	1000.	0.02600	9.00	0.00	0.	30 13	B98	0.08
15031 488C	55.	143.	787.	1392.	0	0.	0.00000	0.00	0.00	0.	30 12	B98	0.11

 * CONFLUENCE Q' S *
 * 15031 489B TB 1163 QB 389. QBC 1719. QC 1331. 15031 489C TC 1167 QC 1392. QCB 1743. QB 351. *
 * 15031 489BC TBC 1165 QBC 1761. QB 380. QC 1381. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE IMPV
15031 489BC	787.	1392.	1172.	1761.	5	750.	0.02340	11.00	0.00	0.	10 0	B98	0.00
15031 490B	0.	0.	1172.	1760.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 491B	37.	116.	1209.	1777.	5	1560.	0.02340	11.00	0.00	0.	30 9	B98	0.20
15031 492B	36.	101.	1245.	1778.	0	0.	0.00000	0.00	0.00	0.	50 9	B98	0.20
15031 493C	0.	0.	0.	1392.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 494C	20.	61.	20.	61.	5	1100.	0.00500	1.00	2.00	0.	40 10	B98	0.50
15031 495C	0.	0.	20.	57.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 496B TB 1167 QB 1778. QBC 1798. QC 20. 15031 496C TC 1159 QC 57. QCB 1546. QB 1490. *
 * 15031 496BC TBC 1167 QBC 1798. QB 1778. QC 20. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE IMPV
15031 496BC	20.	57.	1265.	1798.	5	200.	0.03900	4.00	1.50	0.	10 0	B98	0.00
15031 497B	61.	164.	1326.	1822.	5	1500.	0.01900	4.00	1.50	0.	40 11	B98	0.24
15031 498C	86.	206.	86.	206.	4	1300.	0.02690	3.75	0.00	0.	20 15	B98	0.05

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE IMPV
15031 499B TB 1168 QB	1818. QBC	1923. QC	105.	15031 499C TC 1157 QC	204. QCB	1698. QB	1494. *						
15031 499BC TBC 1166 QBC	1945. QB	1802. QC	143. *										

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE IMPV
15031 499BC	86.	204.	1412.	1945.	5	1300.	0.02300	4.00	1.50	0.	10 0	B98	0.00
15031 500B	64.	163.	1476.	2028.	0	0.	0.00000	0.00	0.00	0.	40 12	B98	0.23
15031 501D	36.	94.	36.	94.	4	600.	0.05000	2.50	0.00	0.	20 13	B98	0.05
15031 502C	74.	189.	74.	189.	0	0.	0.00000	0.00	0.00	0.	20 14	B98	0.23

CALLEGUA. 990
 15031 503CD 36. 93. 110. 282. 4 1300. 0.01540 4.75 0.00 0. 10 0 B98 0.00
 15031 504C 16. 47. 126. 322. 4 100. 0.01540 5.00 0.00 0. 40 10 B98 0.34

 * CONFLUENCE Q' S *
 * 15031 505B TB 1163 QB 2028. QBC 2290. QC 262. 15031 505C TC 1158 QC 322. QCB 2166. QB 1845. *
 * 15031 505BC TBC 1161 QBC 2298. QB 1999. QC 299. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 505BC	126.	322.	1602.	2298.	5	1300.	0.01540	4.00	1.50	0.	40	0	B98	0.00
15031 506C	84.	213.	84.	213.	4	1400.	0.01300	4.50	0.00	0.	40	13	B98	0.39
15031 507B	46.	117.	1648.	2363.	0	0.	0.00000	0.00	0.00	0.	50	11	B98	0.23

 * CONFLUENCE Q' S *
 * 15031 508B TB 1162 QB 2363. QBC 2556. QC 193. 15031 508C TC 1158 QC 210. QCB 2387. QB 2177. *
 * 15031 508BC TBC 1162 QBC 2556. QB 2363. QC 193. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 508BC	84.	210.	1732.	2556.	5	1350.	0.01600	4.00	1.50	0.	10	0	B98	0.00
15031 509B	54.	136.	1786.	2621.	5	1250.	0.02000	4.00	1.50	0.	50	11	B98	0.20
15031 510C	36.	104.	36.	104.	5	1150.	0.01200	2.00	2.50	0.	40	10	B98	0.28
15031 511C	62.	165.	98.	245.	5	1100.	0.00500	6.00	2.50	0.	30	12	B98	0.23
15031 512C	64.	162.	162.	358.	5	1850.	0.01100	4.00	1.50	0.	40	12	B98	0.21
15031 513C	51.	130.	213.	441.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.23

 * CONFLUENCE Q' S *
 * 15031 514B TB 1163 QB 2607. QBC 3030. QC 423. 15031 514C TC 1160 QC 441. QCB 2933. QB 2492. *
 * 15031 514BC TBC 1163 QBC 3030. QB 2607. QC 423. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 514BC	213.	441.	1999.	3030.	5	2000.	0.01270	4.00	1.50	0.	10	0	B98	0.00
15031 515C	65.	158.	65.	158.	4	1350.	0.01200	4.00	0.00	0.	50	13	B98	0.40
15031 516C	41.	104.	106.	252.	4	1570.	0.08000	3.50	0.00	0.	50	11	B98	0.23
15031 517C	36.	91.	142.	335.	0	0.	0.00000	0.00	0.00	0.	50	11	B98	0.23

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

 * CONFLUENCE Q' S *
 * 15031 518B TB 1164 QB 3012. QBC 3217. QC 205. 15031 518C TC 1158 QC 335. QCB 2705. QB 2370. *
 * 15031 518BC TBC 1163 QBC 3234. QB 2994. QC 240. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 518BC	142.	335.	2141.	3234.	5	1300.	0.00800	4.00	1.50	0.	50	0	B98	0.00
15031 519B	75.	168.	2216.	3343.	5	1000.	0.00800	4.00	1.50	0.	40	15	B98	0.25
15031 520B	18.	49.	2234.	3337.	0	0.	0.00000	0.00	0.00	0.	50	10	B98	0.24
15031 521B	0.	0.	2234.	3337.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 522B	0.	0.	2234.	3337.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 523B	0.	0.	2234.	3337.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 524B	0.	0.	2234.	3337.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 525B	0.	0.	2234.	3337.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 526B	0.	0.	2234.	3337.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 527B	0.	0.	2234.	3337.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

 * CONFLUENCE Q' S *
 Page 24

CALLEGUA. 990

* 15031 528A TA 1201 QA 24316. QAB 25169. QB 853. 15031 528B TB 1165 QB 3337. QBA 17855. QA 14517. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 528AB	2234.	3337.	38152.	25169.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 529B	0.	0.	0.	3337.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 530B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 531B	91.	219.	91.	219.	4	400.	0.01500	4.25	0.00	0.	30	14	B98	0.17
15031 532B	0.	0.	91.	218.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 533B	82.	196.	173.	414.	4	1650.	0.00700	6.25	0.00	0.	30	14	B98	0.14
15031 534B	55.	154.	228.	539.	4	1300.	0.00500	7.50	0.00	0.	40	11	B98	0.39
15031 535C	0.	0.	0.	335.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 536C	103.	255.	103.	255.	1	2400.	0.06300	0.00	0.00	0.	20	14	B98	0.00
15031 537C	0.	0.	103.	235.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 538C	108.	267.	211.	468.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.00
15031 539D	110.	284.	110.	284.	1	200.	0.03000	0.00	0.00	0.	20	13	B98	0.00

CONFLUENCE Q' S

* 15031 540C TC 1160 QC 468. QCD 727. QD 260. 15031 540D TD 1155 QD 284. QDC 682. QC 398. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 540CD	110.	284.	321.	734.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 541D	12.	41.	12.	41.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.00
15031 542CD	12.	41.	333.	767.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

STORM DAY 4

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

RESERVOIR ROUTING AT 542CD

* INCOMING HYDROGRAPH PEAK = 767.38 INCOMING HYDROGRAPH VOLUME = 52.78 AC. FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *

* RESERVOIR INFLOW PEAK = 767.38 TIME OF PEAK = 1158 VOLUME UNDER INFLOW HYDROGRAPH = 52.78 AC. FT. *

* MAXIMUM ELEVATION = 932.23 TIME = 1182 SPILLAGE ELEVATION = 938.00 DIFFERENCE = -5.77 *

* SPILLED FROM **** TO 1360 FOR **** MINUTES *

* RESERVOIR OUTFLOW PEAK = 94.60 TIME OF PEAK = 1182 VOLUME UNDER OUTFLOW HYDROGRAPH = 49.40 AC. FT. *

15031 542CD	0.	41.	333.	95.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 543C	0.	0.	333.	95.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 544C	44.	128.	377.	212.	5	2250.	0.00160	7.00	1.50	0.	30	10	B98	0.08
15031 545C	70.	173.	447.	338.	0	0.	0.00000	0.00	0.00	0.	40	13	B98	0.30

CONFLUENCE Q' S

* 15031 546B TB 1161 QB 528. QBC 865. QC 336. 15031 546C TC 1160 QC 338. QCB 860. QB 522. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 546BC	447.	338.	675.	865.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 547C	76.	182.	76.	182.	0	0.	0.00000	0.00	0.00	0.	30	14	B98	0.15

CONFLUENCE Q' S

* 15031 548B TB 1161 QB 865. QBC 1024. QC 160. 15031 548C TC 1154 QC 182. QCB 812. QB 630. *

SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
---------	---------	-------	-------	------	------	------	------	------	------	---------	------	------	-----

CALLEGUA. 990														
LOCATION	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031	548BC	76.	182.	751.	1026.	5	1400.	0.00250	8.00	0.00	0.	10	0	B98 0.00
15031	549B	0.	0.	751.	1003.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031	550B	53.	143.	804.	1083.	5	2100.	0.00250	6.00	1.50	0.	40	11	B98 0.24
15031	551B	0.	0.	804.	1034.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031	552B	70.	191.	874.	1107.	0	0.	0.00000	0.00	0.00	0.	30	12	B98 0.35
15031	553AB	874.	1107.	39026.	25368.	5	2700.	0.01300	75.00	1.50	0.	10	0	B98 0.00
15031	554B	0.	0.	0.	1107.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031	555B	51.	135.	51.	135.	4	775.	0.03400	3.25	0.00	0.	50	12	B98 0.50
15031	556B	58.	157.	109.	288.	0	0.	0.00000	0.00	0.00	0.	50	10	B98 0.24

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
CALLEGUAS CRK.W/EXISTG.DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT				
AREA	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV			
***** CONFLUENCE Q' S *****																	
15031	557A	TA 1203	QA	25319.	QAB	25340.	QB	21.	15031	557B	TB 1155	QB	288.	QBA	13242.	QA	12954.
***** CONFLUENCE Q' S *****																	

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	
AREA	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031	557AB	109.	288.	39135.	25340.	0	0.	0.00000	0.00	0.00	0.	10	0	B98 0.00
15031	558B	53.	141.	53.	141.	5	2000.	0.00350	2.00	1.50	0.	30	12	B98 0.23
15031	559B	0.	0.	53.	128.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031	560B	0.	0.	53.	128.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031	561B	82.	208.	135.	315.	5	1160.	0.02000	6.00	0.00	0.	30	13	B98 0.22
15031	562B	64.	177.	199.	465.	0	0.	0.00000	0.00	0.00	0.	40	10	B98 0.11

***** CONFLUENCE Q' S *****																	
15031	563A	TA 1203	QA	25340.	QAB	25369.	QB	29.	15031	563B	TB 1158	QB	465.	QBA	14957.	QA	14492.
***** CONFLUENCE Q' S *****																	

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	
AREA	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031	563AB	199.	465.	39334.	25369.	5	1250.	0.01000	60.00	1.50	0.	10	0	B98 0.00
15031	564A	74.	210.	39408.	25356.	5	2250.	0.01000	60.00	1.50	0.	40	10	B98 0.21
15031	565B	30.	99.	30.	99.	4	1400.	0.01610	3.25	0.00	0.	30	9	B98 0.50
15031	566B	43.	135.	73.	222.	4	450.	0.02000	4.25	0.00	0.	30	10	B98 0.50
15031	567A	57.	168.	39465.	25332.	0	0.	0.00000	0.00	0.00	0.	40	10	B98 0.37

***** CONFLUENCE Q' S *****																	
15031	568A	TA 1207	QA	25332.	QAB	25353.	QB	21.	15031	568B	TB 1157	QB	221.	QBA	13533.	QA	13312.
***** CONFLUENCE Q' S *****																	

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	
AREA	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031	568AB	73.	221.	39538.	25353.	5	1150.	0.01500	60.00	2.00	0.	10	0	B98 0.00
15031	569B	65.	224.	65.	224.	1	1025.	0.11800	0.00	0.00	0.	10	9	B98 0.00
15031	570B	83.	256.	148.	469.	1	1700.	0.05880	0.00	0.00	0.	10	11	B98 0.00
15031	571B	67.	230.	215.	612.	1	300.	0.05000	0.00	0.00	0.	10	9	B98 0.00
15031	572B	54.	177.	269.	769.	1	850.	0.03530	0.00	0.00	0.	10	10	B98 0.00
15031	573B	58.	190.	327.	892.	1	800.	0.03760	0.00	0.00	0.	10	10	B98 0.00
15031	574B	72.	206.	399.	1034.	1	1600.	0.05310	0.00	0.00	0.	20	11	B98 0.00
15031	575B	78.	236.	477.	1092.	0	0.	0.00000	0.00	0.00	0.	30	9	B98 0.00
15031	576C	57.	196.	57.	196.	0	0.	0.00000	0.00	0.00	0.	10	9	B98 0.00
15031	577C	57.	196.	114.	392.	1	1550.	0.08390	0.00	0.00	0.	10	9	B98 0.00
15031	578C	74.	255.	188.	607.	1	1400.	0.09290	0.00	0.00	0.	10	9	B98 0.00
15031	579C	95.	311.	283.	866.	1	1900.	0.06050	0.00	0.00	0.	10	10	B98 0.00
15031	580C	75.	258.	358.	980.	0	0.	0.00000	0.00	0.00	0.	10	9	B98 0.00

CALLEGUA. 990

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
CONFLUENCE Q'S														
* 15031 581B	TB 1160	QB	1092.	980.	1	15031	581C	TC 1160	QC	980.	QCB	2072.	QB	1092.
			15031 581BC	TBC 1160	QCB	2072.	QB	1092.	QC	980.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 581BC	358.	980.	835.	2072.	1	1550.	0.04190	0.00	0.00	0.	10	0	B98	0.00
15031 582B	95.	311.	930.	2141.	1	1400.	0.03210	0.00	0.00	0.	10	10	B98	0.00
15031 583B	59.	190.	989.	2122.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.00
15031 584C	68.	234.	68.	234.	1	2500.	0.06400	0.00	0.00	0.	10	9	B98	0.00
15031 585C	66.	227.	134.	364.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.00

CONFLUENCE Q'S														
* 15031 586B	TB 1164	QB	2122.	224.	1	15031	586C	TC 1157	QC	364.	QCB	1943.	QB	1579.
			15031 586BC	TBC 1163	QCB	2348.	QB	2111.	QC	236.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 586BC	134.	364.	1123.	2348.	1	1900.	0.03680	0.00	0.00	0.	10	0	B98	0.00
15031 587B	83.	267.	1206.	2354.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.00
15031 588C	55.	189.	55.	189.	1	1350.	0.08890	0.00	0.00	0.	10	9	B98	0.00
15031 589C	76.	244.	131.	403.	1	3550.	0.08590	0.00	0.00	0.	20	9	B98	0.00
15031 590C	87.	284.	218.	517.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.00

CONFLUENCE Q'S														
* 15031 591B	TB 1166	QB	2354.	346.	1	15031	591C	TC 1161	QC	517.	QCB	2631.	QB	2113.
			15031 591BC	TBC 1165	QCB	2714.	QB	2339.	QC	375.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 591BC	218.	517.	1424.	2714.	1	900.	0.02780	0.00	0.00	0.	10	0	B98	0.00
15031 592C	0.	0.	0.	517.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 593C	78.	251.	78.	251.	1	3150.	0.07100	0.00	0.00	0.	20	9	B98	0.00
15031 594C	79.	227.	157.	377.	1	1150.	0.05220	0.00	0.00	0.	20	11	B98	0.03
15031 595C	76.	149.	233.	506.	0	0.	0.00000	0.00	0.00	0.	20	21	B98	0.10

CONFLUENCE Q'S														
* 15031 596B	TB 1166	QB	2704.	416.	1	15031	596C	TC 1161	QC	506.	QCB	2996.	QB	2490.
			15031 596BC	TBC 1165	QCB	3134.	QB	2685.	QC	450.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 596BC	233.	506.	1657.	3134.	1	1175.	0.02980	0.00	0.00	0.	10	0	B98	0.00
15031 597B	58.	147.	1715.	3199.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.15
15031 598B	44.	134.	1759.	3218.	1	3000.	0.01500	0.00	0.00	0.	30	9	B98	0.05
15031 599B	72.	222.	1831.	3093.	1	1860.	0.01600	0.00	0.00	0.	30	9	B98	0.12
15031 600B	82.	242.	1913.	3072.	1	3500.	0.02140	0.00	0.00	0.	30	10	B98	0.16
15031 601B	49.	117.	1962.	2966.	0	0.	0.00000	0.00	0.00	0.	40	13	B98	0.18
15031 602B	66.	159.	2028.	2978.	0	0.	0.00000	0.00	0.00	0.	30	14	B98	0.18

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

CALLEGUA. 990														
LOCATION	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 603C	39.	108.	39.	108.	1	3520.	0.03977	0.00	0.00	0.	30	11	B98	0.15
15031 604C	61.	160.	100.	183.	2	2160.	0.02222	0.00	0.00	0.	20	13	B98	0.12
15031 605C	46.	136.	146.	264.	4	200.	0.02173	4.25	0.00	0.	40	9	B98	0.16

 * HYDROGRAPH FATTENED AT 605C *
 * INCOMING HYDROGRAPH PEAK = 260.51 INCOMING HYDROGRAPH VOLUME = 30.77 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 3.10 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 260.51 ADJUSTED HYDROGRAPH VOLUME = 30.77 AC. FT. *
 * ADJ/FATTENED HYDROGRAPH PEAK = 260.51 ADJ/FATTENED HYDROGRAPH VOLUME = 37.71 AC. FT. *

 * RESERVOIR ROUTING AT 605C *
 * INCOMING HYDROGRAPH PEAK = 260.51 INCOMING HYDROGRAPH VOLUME = 37.71 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *
 * RESERVOIR INFLOW PEAK = 260.51 TIME OF PEAK = 1158 VOLUME UNDER INFLOW HYDROGRAPH = 37.71 AC. FT. *
 * MAXIMUM ELEVATION = 841.82 TIME = 1177 SPI L LAGE ELEVATION = 0.00 DIFFERENCE = +841.82 *
 * SPI LLED FROM 0 TO 1500 FOR 1501 MINUTES *
 * RESERVOIR OUTFLOW PEAK = 123.26 TIME OF PEAK = 1177 VOLUME UNDER OUTFLOW HYDROGRAPH = 35.84 AC. FT. *

15031 605C	46.	136.	146.	123.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031 606C	0.	0.	146.	123.	4	1050.	0.01063	3.75	0.00	0.	10	99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 607B TB 1184 QB 2978. QBC 3102. QC 123. 15031 607C TC 1179 QC 123. QCB 2892. QB 2769. *
 * 15031 607BC TBC 1184 QBC 3102. QB 2978. QC 123. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 607BC	146.	123.	2174.	3102.	5	1610.	0.01370	3.00	2.00	0.	10	0	B98	0.00
15031 608B	52.	164.	2226.	3104.	5	115.	0.01370	3.00	2.00	0.	30	9	B98	0.23
15031 609B	31.	88.	2257.	3107.	5	2120.	0.01490	10.00	0.00	0.	50	9	B98	0.23
15031 610C	0.	0.	0.	123.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 611C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 612C	60.	151.	60.	151.	1	1820.	0.05110	0.00	0.00	0.	20	14	B98	0.10
15031 613C	55.	138.	115.	259.	4	2580.	0.02670	4.25	0.00	0.	20	14	B98	0.12
15031 614C	61.	146.	176.	374.	0	0.	0.00000	0.00	0.00	0.	30	14	B98	0.14
15031 615D	0.	0.	0.	41.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 616D	74.	168.	74.	168.	1	1100.	0.02900	0.00	0.00	0.	10	19	B98	0.09
15031 617D	48.	108.	122.	263.	0	0.	0.00000	0.00	0.00	0.	20	17	B98	0.13
15031 618CD	122.	263.	298.	636.	5	490.	0.09260	8.00	0.00	0.	10	0	B98	0.00
15031 619C	0.	0.	298.	636.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 620C	48.	89.	346.	722.	5	280.	0.00930	8.00	0.00	0.	30	21	B98	0.10

 * VENTURA COUNTY FLOOD CONTROL DISTRICT *
 * MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952 *
 * CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002 *
 * STORM DAY 4 *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 621D	0.	0.	0.	263.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 622D	51.	122.	51.	122.	4	700.	0.00500	4.25	0.00	0.	30	14	B98	0.15
15031 623D	0.	0.	51.	121.	4	2680.	0.01010	3.75	0.00	0.	10	99	B98	0.00
15031 624D	0.	0.	51.	114.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 625D	78.	167.	129.	262.	0	0.	0.00000	0.00	0.00	0.	30	17	B98	0.18
15031 626D	30.	76.	159.	326.	4	920.	0.00460	6.25	0.00	0.	40	12	B98	0.23
15031 627D	0.	0.	159.	322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 628D	24.	66.	183.	368.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.13

 * CONFLUENCE Q' S *
 * 15031 629C TC 1162 QC 720. QCD 1083. QD 363. 15031 629D TD 1159 QD 368. QDC 1070. QC 702. *
 * 15031 629CD TCD 1162 QCD 1083. QC 720. QD 363. *

CALLEGUA. 990

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 629CD	183.	368.	529.	1083.	5	900.	0.00910	12.00	0.00	0.	10 0	B98	0.00	
15031 630C	61.	120.	590.	1193.	5	1090.	0.01300	11.00	0.00	0.	30 19	B98	0.10	
15031 631C	48.	136.	638.	1264.	0	0.	0.00000	0.00	0.00	0.	40 10	B98	0.19	
15031 632C	20.	60.	658.	1286.	5	1220.	0.00460	16.00	0.00	0.	40 9	B98	0.23	
15031 633C	40.	113.	698.	1350.	5	659.	0.00640	14.00	0.00	0.	30 11	B98	0.23	
15031 634C	0.	0.	698.	1345.	5	588.	0.00260	14.00	0.00	0.	10 99	B98	0.00	
15031 635C	35.	91.	733.	1400.	5	85.	0.00260	14.00	0.00	0.	30 13	B98	0.34	
15031 636C	47.	125.	780.	1477.	5	560.	0.00290	14.00	0.00	0.	30 12	B98	0.23	
15031 637C	0.	0.	780.	1475.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	

CONFLUENCE Q' S

* 15031 638B TB 1187 QB	3098. QBC	3460. QC	362.	15031 638C TC 1163 QC	1475. QCB	3043. QB	1568.
* 15031 638BC TBC 1185 QBC	3482. QB	3063. QC	418.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 638BC	780.	1475.	3037.	3482.	0	0.	0.00000	0.00	0.00	0.	10 0	B98	0.00	
15031 639C	27.	69.	27.	69.	3	2770.	0.00760	0.00	0.00	0.	40 13	B98	0.40	
15031 640C	17.	51.	44.	67.	0	0.	0.00000	0.00	0.00	0.	40 9	B98	0.23	
15031 641C	0.	0.	44.	67.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 642BC	44.	67.	3081.	3511.	5	1010.	0.00660	16.00	0.00	0.	10 0	B98	0.00	
15031 643C	0.	0.	0.	67.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 644C	39.	88.	39.	88.	5	1420.	0.00850	4.00	1.50	0.	40 15	B98	0.28	
15031 645C	35.	100.	74.	177.	0	0.	0.00000	0.00	0.00	0.	40 10	B98	0.23	

CONFLUENCE Q' S

* 15031 646B TB 1186 QB	3507. QBC	3519. QC	12.	15031 646C TC 1157 QC	177. QCB	2671. QB	2494.
* 15031 646BC TBC 1186 QBC	3519. QB	3507. QC	12.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 646BC	74.	177.	3155.	3519.	5	1580.	0.00660	16.00	0.00	0.	10 0	B98	0.00	
15031 647B	0.	0.	3155.	3512.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 648B	47.	99.	3202.	3520.	5	325.	0.00660	16.00	0.00	0.	40 17	B98	0.30	

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
* 15031 649A TA 1208 QA	25339. QAB	27486. QB	2147.	15031 649B TB 1188 QB	3519. QBA	23489. QA	19970.							
* 15031 649AB TAB 1206 QAB	27561. QA	25261. QB	2300.											

CONFLUENCE Q' S

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 649AB	3202.	3519.	42740.	27561.	5	500.	0.00880	70.00	2.00	0.	10 0	B98	0.00	
15031 650B	0.	0.	0.	3519.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 651B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 652B	73.	209.	73.	209.	1	1050.	0.04760	0.00	0.00	0.	20 11	B98	0.00	
15031 653C	0.	0.	0.	177.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 654C	77.	209.	77.	209.	1	900.	0.06700	0.00	0.00	0.	20 12	B98	0.00	
15031 655BC	77.	205.	150.	404.	1	2100.	0.04300	0.00	0.00	0.	10 0	B98	0.00	
15031 656B	87.	208.	237.	486.	0	0.	0.00000	0.00	0.00	0.	40 12	B98	0.00	
15031 657B	0.	0.	237.	486.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 658B	52.	126.	289.	592.	1	636.	0.03800	0.00	0.00	0.	30 13	B98	0.00	
15031 659B	81.	188.	370.	742.	1	675.	0.02500	0.00	0.00	0.	30 14	B98	0.00	

CALLEGUA. 990															
15031	660B	89.	227.	459.	881.	1	1456.	0.03800	0.00	0.00	0.	30	12	B98	0.00
15031	661B	50.	121.	509.	936.	1	539.	0.04500	0.00	0.00	0.	40	12	B98	0.05
15031	662C	63.	153.	63.	153.	1	986.	0.01600	0.00	0.00	0.	30	13	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 663B TB 1163 QB 931. QBC 1070. QC 139. 15031 663C TC 1162 QC 140. QCB 1065. QB 926. *
 * 15031 663BC TBC 1163 QBC 1070. QB 931. QC 139. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV		
15031	663BC	63.	140.	572.	1070.	1	1531.	0.02350	0.00	0.00	0.	10	0	B98	0.00
15031	664B	63.	171.	635.	1066.	1	926.	0.03100	0.00	0.00	0.	30	11	B98	0.05
15031	665B	64.	160.	699.	1091.	1	2060.	0.03100	0.00	0.00	0.	20	14	B98	0.05
15031	666B	0.	0.	699.	1069.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	667B	59.	161.	758.	1083.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.05
15031	668C	59.	161.	59.	161.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.05
15031	669C	57.	167.	116.	328.	1	1129.	0.05260	0.00	0.00	0.	10	12	B98	0.05
15031	670C	0.	0.	116.	320.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 671B TB 1173 QB 1083. QBC 1148. QC 65. 15031 671C TC 1158 QC 320. QCB 977. QB 657. *
 * 15031 671BC TBC 1172 QBC 1152. QB 1080. QC 72. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV		
15031	671BC	116.	320.	874.	1152.	5	1304.	0.01900	20.00	2.00	0.	10	0	B98	0.00
15031	672C	20.	58.	20.	58.	3	675.	0.04000	0.00	0.00	0.	30	10	B98	0.05

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

 * CONFLUENCE Q' S *
 * 15031 673B TB 1174 QB 1147. QBC 1152. QC 6. 15031 673C TC 1157 QC 55. QCB 819. QB 764. *
 * 15031 673BC TBC 1174 QBC 1152. QB 1147. QC 6. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV		
15031	673BC	20.	55.	894.	1152.	5	680.	0.01900	20.00	2.00	0.	30	0	B98	0.00
15031	674B	31.	87.	925.	1158.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.40
15031	675D	69.	199.	69.	199.	1	1553.	0.04520	0.00	0.00	0.	20	11	B98	0.05
15031	676D	51.	119.	120.	287.	0	0.	0.00000	0.00	0.00	0.	40	13	B98	0.10

 * CONFLUENCE Q' S *
 * 15031 677D TD 1160 QD 287. QDF 150. QF 137. 15031 677F TF 1160 QF 137. QFD 150. QD 287. *
 * 15031 677DF TDF 1152 QDF 150. QD 177. QF 27. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV		
15031	677DF	0.	137.	120.	150.	4	1262.	0.04000	3.25	0.00	150.	10	0	B98	0.00
15031	677F	0.	0.	0.	137.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 678B TB 1175 QB 1158. QBD 1215. QD 57. 15031 678D TD 1163 QD 150. QDB 1225. QB 1075. *
 * 15031 678BD TBD 1166 QBD 1236. QB 1086. QD 150. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV		
15031	678BD	120.	150.	1045.	1236.	5	507.	0.02500	20.00	0.00	0.	10	0	B98	0.00

CALLEGUA. 990
 15031 679D 49. 124. 49. 124. 4 1300. 0.01600 3.50 0.00 0. 50 12 B98 0.37

 * CONFLUENCE Q' S *
 * 15031 680D TD 1158 QD 122. QDF 83. QF 39. 15031 680F TF 1158 QF 39. QFD 83. QD 122. *
 * 15031 680DF TDF 1153 QDF 83. QD 84. QF 1. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 680DF	0.	39.	49.	83.	4	840.	0.00380	4.00	0.00	83.	50 0	B98	0.00	
15031 680F	0.	0.	0.	39.	3	1700.	0.01600	40.00	0.00	0.	50 99	B98	0.00	
15031 681D	53.	135.	102.	213.	4	1300.	0.00380	5.50	0.00	0.	50 12	B98	0.40	
15031 682D	36.	93.	138.	287.	0	0.	0.00000	0.00	0.00	0.	40 12	B98	0.30	

 * CONFLUENCE Q' S *
 * 15031 683D TD 1160 QD 287. QDF 150. QF 137. 15031 683F TF 1160 QF 137. QFD 150. QD 287. *
 * 15031 683DF TDF 1151 QDF 150. QD 158. QF 8. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 683DF	0.	137.	138.	150.	4	870.	0.01560	3.75	0.00	150.	50 0	B98	0.00	
15031 683F	0.	0.	0.	137.	0	0.	0.00000	0.00	0.00	0.	50 99	B98	0.00	

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

 * CONFLUENCE Q' S *
 * 15031 684B TB 1166 QB 1236. QBD 1386. QD 150. 15031 684D TD 1162 QD 150. QDB 1355. QB 1205. *
 * 15031 684BD TBD 1166 QBD 1386. QB 1236. QD 150. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 684BD	138.	150.	1183.	1386.	5	1030.	0.02730	10.00	0.00	0.	40 0	B98	0.00	
15031 685C	34.	102.	34.	102.	4	608.	0.04500	2.75	0.00	0.	40 10	B98	0.45	

 * CONFLUENCE Q' S *
 * 15031 686B TB 1167 QB 1386. QBC 1404. QC 18. 15031 686C TC 1155 QC 102. QCB 1005. QB 903. *
 * 15031 686BC TBC 1166 QBC 1404. QB 1384. QC 20. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 686BC	34.	102.	1217.	1404.	0	0.	0.00000	0.00	0.00	0.	10 0	B98	0.00	
15031 687C	47.	127.	47.	127.	3	1400.	0.01000	40.00	0.00	0.	50 10	B98	0.23	
15031 688C	0.	0.	47.	104.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 689C	62.	158.	109.	236.	3	1158.	0.01000	40.00	0.00	0.	40 12	B98	0.23	
15031 690C	48.	136.	157.	291.	3	2415.	0.00500	40.00	0.00	0.	40 10	B98	0.20	
15031 691C	69.	179.	226.	262.	0	0.	0.00000	0.00	0.00	0.	40 12	B98	0.30	

 * CONFLUENCE Q' S *
 * 15031 692C TC 1160 QC 262. QCF 188. QF 74. 15031 692F TF 1160 QF 74. QFC 188. QC 262. *
 * 15031 692CF TCF 1152 QCF 188. QC 219. QF 31. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 692CF	0.	74.	226.	188.	4	200.	0.00500	5.00	0.00	188.	40 0	B98	0.00	
15031 692F	0.	0.	0.	74.	0	0.	0.00000	0.00	0.00	0.	40 99	B98	0.00	

 * CONFLUENCE Q' S *
 * 15031 693B TB 1166 QB 1404. QBC 1592. QC 188. 15031 693C TC 1154 QC 188. QCB 1136. QB 948. *
 * *****

CALLEGUA. 990

***** 15031 693BC TBC 1166 QBC 1592. QB 1404. QC 188. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
15031 693BC	226.	188.	1443.	1592.	5	850.	0.02050	10.00	0.00	0.	10 0	B98	0.00
15031 694B	15.	50.	1458.	1601.	5	333.	0.02050	12.00	0.00	0.	40 9	B98	0.70
15031 695B	0.	0.	1458.	1601.	0	0.	0.00000	0.00	0.00	0.	40 99	B98	0.00
15031 696B	0.	0.	1458.	1601.	0	0.	0.00000	0.00	0.00	0.	40 99	B98	0.00
15031 697C	52.	128.	52.	128.	0	0.	0.00000	0.00	0.00	0.	40 13	B98	0.29

***** CONFLUENCE Q' S *****

* 15031 698C TC 1154 QC 128. QCF 89. QF 39. 15031 698F TF 1154 QF 39. QFC 89. QC 128. *

* 15031 698CF TCF 1152 QCF 89. QC 113. QF 24. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	--------------	-----------	----------

***** VENTURA COUNTY FLOOD CONTROL DISTRICT *****

***** MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952 *****

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
15031 698CF	0.	39.	52.	89.	4	800.	0.02600	2.75	0.00	89.	40 0	B98	0.00
15031 698F	0.	0.	0.	39.	0	0.	0.00000	0.00	0.00	0.	40 99	B98	0.00
15031 699D	58.	163.	58.	163.	0	0.	0.00000	0.00	0.00	0.	30 12	B98	0.49

***** CONFLUENCE Q' S *****

* 15031 700D TD 1154 QD 163. QDF 92. QF 71. 15031 700F TF 1154 QF 71. QFD 92. QD 163. *

* 15031 700DF TDF 1149 QDF 92. QD 92. QF 0. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
15031 700DF	0.	71.	58.	92.	4	210.	0.06000	2.50	0.00	92.	30 0	B98	0.00
15031 700F	0.	0.	0.	71.	0	0.	0.00000	0.00	0.00	0.	30 99	B98	0.00

***** CONFLUENCE Q' S *****

* 15031 701C TC 1162 QC 89. QCD 181. QD 92. 15031 701D TD 1150 QD 92. QDC 158. QC 66. *

* 15031 701CD TCD 1162 QCD 181. QC 89. QD 92. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
15031 701CD	58.	92.	110.	181.	4	1863.	0.04000	3.50	0.00	0.	30 0	B98	0.00
15031 702C	76.	199.	186.	377.	0	0.	0.00000	0.00	0.00	0.	60 12	B98	0.66
15031 703C	0.	0.	186.	377.	0	0.	0.00000	0.00	0.00	0.	40 99	B98	0.00

***** CONFLUENCE Q' S *****

* 15031 704B TB 1167 QB 1601. QBC 1776. QC 175. 15031 704C TC 1156 QC 377. QCB 1617. QB 1241. *

* 15031 704BC TBC 1163 QBC 1888. QB 1579. QC 309. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
15031 704BC	186.	377.	1644.	1888.	5	1992.	0.02300	12.00	0.00	0.	10 0	B98	0.00
15031 705B	67.	184.	1711.	1968.	0	0.	0.00000	0.00	0.00	0.	50 12	B98	0.62
15031 706B	0.	0.	1711.	1968.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00

***** CONFLUENCE Q' S *****

* 15031 707A TA 1207 QA 27551. QAB 28149. QB 598. 15031 707B TB 1163 QB 1968. QBA 20121. QA 18153. *

* 15031 707AB TAB 1206 QAB 28155. QA 27538. QB 617. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	--------------	-----------	----------

CALLEGUA. 990															
15031	707AB	1711.	1968.	44451.	28155.	5	700.	0.00350	70.00	1.50	0.	10	0	B98	0.00
15031	708B	50.	150.	50.	150.	4	1550.	0.01000	3.75	0.00	0.	40	9	B98	0.23
15031	709B	45.	119.	95.	261.	4	1800.	0.00700	5.00	0.00	0.	40	11	B98	0.18
15031	710B	46.	142.	141.	336.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.41

 * CONFLUENCE Q' S *
 * 15031 711A TA 1207 QA 28140. QAB 28161. QB 21. 15031 711B TB 1158 QB 336. QBA 17336. QA 17000. *
 * 15031 711AB TAB 1207 QAB 28161. QA 28140. QB 21. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	------------	--------	-----------	------------	----	------------	----------

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q10OP, DBT/DL/OR, 11/2002															
STORM DAY 4															
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV	
15031	711AB	141.	336.	44592.	28161.	5	1300.	0.00350	75.00	1.50	0.	10	0	B98	0.00
15031	712A	75.	218.	44667.	28161.	5	800.	0.00350	75.00	1.50	0.	30	12	B98	0.70
15031	713B	55.	151.	55.	151.	4	1050.	0.01000	4.00	0.00	0.	30	13	B98	0.62
15031	714B	30.	108.	85.	248.	0	0.	0.00000	0.00	0.00	0.	30	8	B98	0.70

 * CONFLUENCE Q' S *
 * 15031 715A TA 1210 QA 28143. QAB 28171. QB 28. 15031 715B TB 1156 QB 248. QBA 15134. QA 14886. *
 * 15031 715AB TAB 1210 QAB 28171. QA 28143. QB 28. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV	
15031	715AB	85.	248.	44752.	28171.	5	1100.	0.00350	60.00	1.50	0.	10	0	B98	0.00
15031	716B	57.	182.	57.	182.	4	1000.	0.03000	3.75	0.00	0.	30	10	B98	0.62
15031	717B	42.	145.	99.	322.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.70

 * CONFLUENCE Q' S *
 * 15031 718A TA 1212 QA 28154. QAB 28186. QB 33. 15031 718B TB 1155 QB 322. QBA 14448. QA 14126. *
 * 15031 718AB TAB 1212 QAB 28186. QA 28154. QB 33. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV	
15031	718AB	99.	322.	44851.	28186.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	719B	75.	203.	75.	203.	4	2250.	0.00600	5.00	0.00	0.	30	12	B98	0.31
15031	720B	0.	0.	75.	190.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	721B	87.	232.	162.	394.	0	0.	0.00000	0.00	0.00	0.	30	12	B98	0.22

 * CONFLUENCE Q' S *
 * 15031 722A TA 1212 QA 28186. QAB 28211. QB 25. 15031 722B TB 1159 QB 394. QBA 16280. QA 15886. *
 * 15031 722AB TAB 1212 QAB 28211. QA 28186. QB 25. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV	
15031	722AB	162.	394.	45013.	28211.	5	1800.	0.00300	75.00	1.50	0.	10	0	B98	0.00
15031	723B	88.	288.	88.	288.	1	3000.	0.06770	0.00	0.00	0.	10	10	B98	0.00
15031	724B	122.	377.	210.	552.	1	2500.	0.04600	0.00	0.00	0.	10	11	B98	0.00
15031	725B	131.	355.	341.	763.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00
15031	726B	52.	167.	393.	872.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.00
15031	727B	103.	331.	496.	1161.	1	1800.	0.03444	0.00	0.00	0.	20	9	B98	0.00
15031	728B	77.	234.	573.	1273.	1	3175.	0.02299	0.00	0.00	0.	20	10	B98	0.00
15031	729B	131.	338.	704.	1249.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.00
15031	730C	83.	254.	83.	254.	1	2550.	0.03725	0.00	0.00	0.	20	10	B98	0.05
15031	731C	111.	283.	194.	440.	1	1750.	0.03429	0.00	0.00	0.	20	14	B98	0.20
15031	732C	112.	271.	306.	619.	1	1750.	0.02286	0.00	0.00	0.	30	14	B98	0.20
15031	733C	63.	159.	369.	661.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.20

CALLEGUA. 990

 * CONFLUENCE Q' S *
 * 15031 734B TB 1164 QB 1249. QBC 1910. QC 661. 15031 734C TC 1164 QC 661. QCB 1910. QB 1249. *
 * 15031 734BC TBC 1164 QBC 1910. QB 1249. QC 661. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
----------	--------------	-----------	------------	---------	-----------	-------------	------------	-----------	--------	-----------	-----------	----------	----------	------

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 734BC	369.	661.	1073.	1910.	1	10.	0.05200	0.00	0.00	0.	30	0	B98	0.00
15031 735D	119.	341.	119.	341.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00
15031 736D	52.	167.	171.	508.	1	1850.	0.04324	0.00	0.00	0.	20	9	B98	0.00
15031 737D	75.	182.	246.	631.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 738B TB 1164 QB 1908. QBD 2389. QD 481. 15031 738D TD 1159 QD 631. QDB 2157. QB 1526. *
 * 15031 738BD TBD 1164 QBD 2389. QB 1908. QD 481. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 738BD	246.	631.	1319.	2389.	1	1250.	0.05200	0.00	0.00	0.	30	0	B98	0.00
15031 739B	158.	408.	1477.	2600.	1	3300.	0.01667	0.00	0.00	0.	20	13	B98	0.00
15031 740B	115.	231.	1592.	2527.	5	2200.	0.02045	90.00	4.00	0.	30	18	B98	0.06
15031 741B	62.	130.	1654.	2523.	0	0.	0.00000	0.00	0.00	0.	30	18	B98	0.23
15031 742B	110.	258.	1764.	2558.	5	2700.	0.01667	90.00	4.00	0.	30	14	B98	0.05
15031 743B	67.	122.	1831.	2547.	0	0.	0.00000	0.00	0.00	0.	40	20	B98	0.15
15031 744B	0.	0.	1831.	2547.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 745B	0.	0.	1831.	2547.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 746B	0.	0.	1831.	2547.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 747B	0.	0.	1831.	2547.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 748C	77.	186.	77.	186.	0	0.	0.00000	0.00	0.00	0.	20	15	B98	0.10
15031 749C	116.	289.	193.	475.	1	1750.	0.03886	0.00	0.00	0.	20	14	B98	0.05
15031 750C	75.	198.	268.	626.	1	3575.	0.02774	0.00	0.00	0.	20	13	B98	0.15
15031 751C	95.	294.	363.	580.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.03
15031 752C	0.	0.	363.	580.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 753D	99.	237.	99.	237.	1	2750.	0.04909	0.00	0.00	0.	20	15	B98	0.05
15031 754D	55.	143.	154.	315.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.05
15031 755E	48.	126.	48.	126.	1	950.	0.04000	0.00	0.00	0.	30	12	B98	0.15
15031 756F	96.	253.	96.	324.	1	1250.	0.05360	0.00	0.00	0.	20	13	B98	0.15
15031 757F	0.	0.	96.	311.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 758E TE 1159 QE 120. QEF 431. QF 311. 15031 758F TF 1159 QF 311. QFE 431. QE 120. *
 * 15031 758EF TEF 1159 QEF 431. QE 120. QF 311. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 758EF	96.	311.	144.	431.	1	1050.	0.03810	0.00	0.00	0.	20	0	B98	0.00
15031 759E	41.	128.	185.	478.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.20

 * CONFLUENCE Q' S *
 * 15031 760D TD 1161 QD 315. QDE 776. QE 461. 15031 760E TE 1160 QE 478. QED 787. QD 309. *
 * 15031 760DE TDE 1160 QDE 787. QD 309. QE 478. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 760DE	185.	478.	339.	787.	1	3100.	0.03286	0.00	0.00	0.	30	0	B98	0.00

CALLEGUA. 990															
15031	761D	0.	0.	339.	695.	0	0.	0.0000	0.00	0.00	0.	30	99	B98	0.00
15031	762D	53.	156.	392.	721.	0	0.	0.0000	0.00	0.00	0.	20	11	B98	0.20

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002 STORM DAY 4

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV			
CONFLUENCE Q' S																	
* 15031	763C	TC 1169	QC	580.	QCD	1301.	QD	721.	15031	763D	TD 1169	QD	721.	QDC	1301.	QC	580.
				15031	763CD	TCD 1169	QCD	1301.	QC	580.	QD	721.					

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV	
15031	763CD	392.	721.	755.	1301.	1	2425.	0.02025	0.00	0.00	0.	20	0	B98	0.00
15031	764C	34.	95.	789.	1256.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.17
15031	765D	116.	278.	116.	278.	0	0.	0.00000	0.00	0.00	0.	20	15	B98	0.05
15031	766D	74.	174.	190.	451.	0	0.	0.00000	0.00	0.00	0.	30	14	B98	0.05
15031	767D	75.	173.	265.	624.	0	0.	0.00000	0.00	0.00	0.	20	16	B98	0.05
15031	768D	92.	199.	357.	823.	0	0.	0.00000	0.00	0.00	0.	30	16	B98	0.05
15031	769D	121.	268.	478.	1090.	0	0.	0.00000	0.00	0.00	0.	20	17	B98	0.05
15031	770D	133.	329.	611.	1419.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.00

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV			
CONFLUENCE Q' S																	
* 15031	771D	TD 1155	QD	1419.	QDF	0.	QF	1419.	15031	771F	TF 1155	QF	1419.	QFD	0.	QD	1419.
				15031	771DF	TDF	0	QDF	0.	QD	0.	QF	0.				

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV	
15031	771DF	0.	1419.	611.	0.	0	0.	0.00000	0.00	0.00	1421.	20	0	B98	0.00
15031	772F	0.	0.	0.	1419.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031	773D	70.	174.	681.	174.	1	1225.	0.01763	0.00	0.00	0.	20	14	B98	0.05
15031	774D	87.	252.	768.	363.	1	700.	0.01429	0.00	0.00	0.	20	11	B98	0.10
15031	775D	80.	159.	848.	506.	0	0.	0.00000	0.00	0.00	0.	20	21	B98	0.15
15031	776F	88.	151.	88.	1568.	0	0.	0.00000	0.00	0.00	0.	30	24	B98	0.12

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV			
CONFLUENCE Q' S																	
* 15031	777D	TD 1161	QD	506.	QDF	1932.	QF	1427.	15031	777F	TF 1155	QF	1568.	QFD	1980.	QD	412.
				15031	777DF	TDF 1157	QDF	2017.	QD	465.	QF	1552.					

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV	
15031	777DF	88.	1568.	936.	2017.	1	1600.	0.01285	0.00	0.00	0.	30	0	B98	0.00
15031	778D	54.	168.	990.	2049.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.20
15031	779D	90.	151.	1080.	2194.	1	1700.	0.00951	0.00	0.00	0.	20	20	A97	0.25
15031	780F	76.	181.	76.	181.	1	3100.	0.03774	0.00	0.00	0.	20	9	A97	0.05
15031	781F	79.	168.	155.	284.	0	0.	0.00000	0.00	0.00	0.	30	19	B98	0.41

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV			
CONFLUENCE Q' S																	
* 15031	782D	TD 1167	QD	2085.	QDF	2358.	QF	273.	15031	782F	TF 1164	QF	284.	QFD	2258.	QD	1975.
				15031	782DF	TDF 1167	QDF	2358.	QD	2085.	QF	273.					

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV	
15031	782DF	155.	284.	1235.	2358.	1	10.	0.00993	0.00	0.00	0.	30	0	B98	0.00
15031	783D	54.	132.	1289.	2384.	1	1340.	0.00993	0.00	0.00	0.	40	13	B98	0.27
15031	784D	108.	261.	1397.	2376.	0	0.	0.00000	0.00	0.00	0.	30	14	B98	0.18

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUA. 990

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 785D	64.	162.	1461.	2402.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.22
***** CONFLUENCE Q' S *****														
15031 786C TC 1174 QC	1256.	3528.	QCD	3528.	QD	2272.	15031 786D TD 1170 QD	2402.	QDC	3563.	QC	1161.		
***** CONFLUENCE Q' S *****														
15031 786CD TCD 1172 QCD	3603.	QC	1225.	QD	2378.									
***** CONFLUENCE Q' S *****														
15031 787F	109.	298.	109.	298.	1	2500.	0.02200	0.00	0.00	0.	20	12	B98	0.07
15031 788F	87.	212.	196.	403.	0	0.	0.00000	0.00	0.00	0.	20	15	B98	0.15
***** CONFLUENCE Q' S *****														
15031 789C TC 1174 QC	3585.	3773.	QCF	3773.	QF	188.	15031 789F TF 1163 QF	403.	QFC	2953.	QC	2551.		
***** CONFLUENCE Q' S *****														
15031 789CF	196.	403.	2446.	3778.	5	1200.	0.00750	16.00	0.00	0.	20	0	B98	0.00
15031 790C	113.	222.	2559.	3832.	0	0.	0.00000	0.00	0.00	0.	20	21	B98	0.10
15031 791C	0.	0.	2559.	3832.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 792B	0.	0.	1831.	2547.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 793B	0.	0.	1831.	2547.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 794B	0.	0.	1831.	2547.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
***** CONFLUENCE Q' S *****														
15031 795B TB 1174 QB	2547.	6377.	QBC	6377.	QC	3830.	15031 795C TC 1173 QC	3832.	QCB	6374.	QB	2542.		
***** CONFLUENCE Q' S *****														
15031 795BC TBC 1174 QBC	6377.	QB	2547.	QC	3830.									
***** CONFLUENCE Q' S *****														
15031 795BC	2559.	3832.	4390.	6377.	0	0.	0.00000	0.00	0.00	0.	30	0	B98	0.00
***** HYDROGRAPH FATTENED AT 795BC *****														
INCOMING HYDROGRAPH PEAK	=	6377.21												
HYDROGRAPH ADJUSTMENT FACTOR	=	0.80100												
ADJUSTED HYDROGRAPH PEAK	=	5108.15												
ADJ/FATTENED HYDROGRAPH PEAK	=	5108.15												
***** RESERVOIR ROUTING AT 795BC *****														
INCOMING HYDROGRAPH PEAK	=	5108.15												
HYDROGRAPH ADJUSTMENT FACTOR	=	0.80100												
RESERVOIR INFLOW PEAK	=	5108.15	TIME OF PEAK	=	1174	VOLUME UNDER INFLOW HYDROGRAPH	=	1367.58	AC. FT.					
MAXIMUM ELEVATION	=	839.53	TIME	=	0	SPI L LAGE ELEVATI ON	=	797.00	DIFFERENCE	=	+42.53			
SPI L LED FROM	0 TO 1500	FOR 1501	MINUTES											
RESERVOIR OUTFLOW PEAK	=	1249.48	TIME OF PEAK	=	1284	VOLUME UNDER OUTFLOW HYDROGRAPH	=	554.80	AC. FT.					

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 795BC	0.	3832.	4390.	1249.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031 796B	0.	0.	4390.	1249.	5	2075.	0.01000	19.00	0.00	0.	30	99	B98	0.00
15031 797C	27.	51.	27.	51.	0	0.	0.00000	0.00	0.00	0.	30	21	B98	0.15
15031 798C	103.	210.	130.	261.	4	200.	0.01600	4.50	0.00	0.	30	18	B98	0.12

CALLEGUA. 990															
15031	799C	67.	167.	197.	428.	4	1250.	0.01600	5.50	0.00	0.	30	13	B98	0.15
15031	800C	18.	55.	215.	475.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.06
15031	801B	50.	138.	4440.	1254.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.12
15031	802BC	215.	475.	4655.	1266.	5	2075.	0.01000	9.00	0.00	0.	10	0	B98	0.00
15031	803B	71.	179.	4726.	1272.	5	150.	0.02000	9.00	0.00	0.	30	13	B98	0.20
15031	804B	85.	265.	4811.	1283.	5	1150.	0.02400	9.00	0.00	0.	20	10	B98	0.20
15031	805B	0.	0.	4811.	1283.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	806B	57.	165.	4868.	1306.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.06
15031	807B	73.	149.	4941.	1452.	5	1275.	0.00600	11.00	0.00	0.	30	19	B98	0.24
15031	808B	97.	262.	5038.	1681.	0	0.	0.00000	0.00	0.00	0.	10	14	B98	0.10
15031	809B	76.	195.	5114.	1856.	5	350.	0.00600	13.00	0.00	0.	30	13	B98	0.28
15031	810B	29.	76.	5143.	1922.	5	2100.	0.00500	4.00	2.00	0.	30	12	B98	0.12
15031	811B	63.	150.	5206.	2020.	5	1375.	0.01100	12.00	0.00	0.	20	16	B98	0.27
15031	812B	70.	208.	5276.	2114.	5	500.	0.01100	12.00	0.00	0.	30	11	B98	0.52

*
* CONFLUENCE Q'S *
* 15031 813A TA 1215 QA 28151. QAB 28808. QB 657. 15031 813B TB 1163 QB 2103. QBA 18741. QA 16638. *
* 15031 813AB TAB 1215 QAB 28808. QA 28151. QB 657. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LN GTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT I MPV	
15031	813AB	5276.	2103.	50289.	28808.	5	900.	0.00700	100.00	2.00	0.	10	0	B98	0.00
15031	814B	0.	0.	0.	2103.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	815B	71.	185.	71.	185.	3	1000.	0.03000	0.00	0.00	0.	20	13	B98	0.05
15031	816B	0.	0.	71.	179.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	817B	51.	139.	122.	308.	4	1600.	0.04100	4.25	0.00	0.	20	12	B98	0.05
15031	818C	82.	230.	82.	230.	1	1500.	0.03000	0.00	0.00	0.	10	13	B98	0.05
15031	819BC	82.	213.	204.	513.	4	1000.	0.02300	5.75	0.00	0.	10	0	B98	0.00
15031	820B	59.	161.	263.	627.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.05
15031	821B	71.	174.	334.	787.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.05
15031	822B	66.	165.	400.	941.	4	800.	0.03400	6.75	0.00	0.	20	14	B98	0.05
15031	823B	0.	0.	400.	936.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	824B	85.	208.	485.	1124.	4	300.	0.06000	6.50	0.00	0.	30	13	B98	0.05
15031	825C	0.	0.	0.	213.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	826C	60.	156.	60.	156.	3	700.	0.03000	0.00	0.00	0.	20	13	B98	0.05
15031	827C	44.	120.	104.	269.	4	1500.	0.04700	3.75	0.00	0.	20	12	B98	0.05
15031	828B	56.	152.	541.	1256.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.05
15031	829BC	104.	267.	645.	1523.	5	1600.	0.02800	11.00	0.00	0.	10	0	B98	0.00
15031	830B	0.	0.	645.	1514.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	831B	64.	174.	709.	1659.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.05
15031	832B	0.	0.	709.	1659.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	833B	65.	182.	774.	1827.	1	900.	0.01000	0.00	0.00	0.	10	13	B98	0.05
15031	834C	0.	0.	0.	267.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	835C	66.	194.	66.	194.	1	1200.	0.05800	0.00	0.00	0.	10	12	B98	0.05
15031	836BC	66.	187.	840.	1968.	1	400.	0.02300	0.00	0.00	0.	10	0	B98	0.00
15031	837B	67.	172.	907.	2062.	1	900.	0.02100	0.00	0.00	0.	40	11	B98	0.05

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LN GTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT I MPV	
15031	838B	0.	0.	907.	2034.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	839B	53.	145.	960.	2112.	1	800.	0.02300	0.00	0.00	0.	20	12	B98	0.05
15031	840B	74.	232.	1034.	2136.	5	1000.	0.03800	11.00	0.00	0.	20	10	B98	0.25
15031	841B	0.	0.	1034.	2127.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	842B	62.	181.	1096.	2170.	5	1000.	0.02000	7.50	0.00	0.	30	11	B98	0.42
15031	843B	0.	0.	1096.	2163.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	844B	29.	95.	1125.	2180.	5	700.	0.02000	12.00	0.00	0.	30	9	B98	0.49
15031	845C	0.	0.	0.	187.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	846C	56.	183.	56.	183.	4	500.	0.06000	3.25	0.00	0.	10	10	B98	0.04

CALLEGUA. 990															
15031	847BC	56.	182.	1181.	2207.	5	1900.	0.01800	12.00	0.00	0.	10	0	B98	0.00
15031	848B	0.	0.	1181.	2199.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	849B	0.	0.	1181.	2199.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	850B	84.	240.	1265.	2251.	5	1200.	0.02500	12.00	0.00	0.	30	12	B98	0.59
15031	851B	68.	187.	1333.	2292.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.63

 * CONFLUENCE Q' S *
 * 15031 852A TA 1216 QA 28794. QAB 29074. QB 280. 15031 852B TB 1168 QB 2292. QBA 22518. QA 20225. *
 * 15031 852AB TAB 1216 QAB 29074. QA 28794. QB 280. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	852AB	1333.	2292.	51622.	29074.	5	400.	0.00700	100.00	4.00	0.	10	0	B98	0.00
15031	853B	0.	0.	0.	2292.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	854B	59.	140.	59.	140.	5	500.	0.04000	3.00	3.00	0.	10	11	A97	0.00
15031	855B	101.	231.	160.	371.	5	1700.	0.03000	7.00	0.00	0.	10	12	A97	0.09
15031	856C	72.	212.	72.	212.	4	1150.	0.02200	4.00	0.00	0.	10	12	B98	0.07
15031	857B	74.	185.	234.	539.	0	0.	0.00000	0.00	0.00	0.	10	10	A97	0.12
15031	858BC	72.	210.	306.	749.	4	450.	0.01000	8.00	0.00	0.	10	0	B98	0.00
15031	859B	0.	0.	306.	745.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	860B	30.	104.	336.	842.	5	700.	0.01000	11.00	0.00	0.	10	9	B98	0.16
15031	861B	0.	0.	336.	835.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	862B	58.	132.	394.	956.	5	1550.	0.01000	11.00	0.00	0.	20	11	A97	0.29
15031	863B	47.	146.	441.	1055.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.46
15031	864AB	441.	1055.	52063.	29170.	2	1700.	0.00700	100.00	0.00	0.	10	0	B98	0.00
15031	865B	0.	0.	0.	1055.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	866B	82.	241.	82.	241.	1	1200.	0.04400	0.00	0.00	0.	10	12	B98	0.10
15031	867B	0.	0.	82.	231.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	868B	54.	177.	136.	389.	1	1600.	0.02800	0.00	0.00	0.	10	10	B98	0.10
15031	869B	0.	0.	136.	353.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	870B	0.	0.	136.	353.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	871B	56.	184.	192.	464.	4	2000.	0.02500	5.25	0.00	0.	10	10	B98	0.10
15031	872B	0.	0.	192.	447.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	873B	73.	222.	265.	607.	5	750.	0.04000	8.00	3.00	0.	30	11	B98	0.66
15031	874B	82.	221.	347.	790.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.24

 * CONFLUENCE Q' S *
 * 15031 875A TA 1218 QA 29158. QAB 29245. QB 87. 15031 875B TB 1159 QB 790. QBA 19110. QA 18320. *
 * 15031 875AB TAB 1218 QAB 29245. QA 29158. QB 87. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
-----------	--------------	-----------	------------	---------	-----------	------------	------------	------------	--------	-----------	-----------	----	------------	-----------

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														STORM DAY 4	
LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	875AB	347.	790.	52410.	29245.	2	500.	0.00700	100.00	0.00	0.	10	0	B98	0.00
15031	876B	0.	0.	0.	790.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	877B	36.	116.	36.	116.	3	1750.	0.07400	0.00	0.00	0.	20	9	B98	0.00
15031	878B	0.	0.	36.	105.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	879B	36.	111.	72.	202.	5	1000.	0.02000	8.00	3.00	0.	30	9	B98	0.10
15031	880AB	72.	198.	52482.	29242.	2	1300.	0.00700	100.00	0.00	0.	10	0	B98	0.00
15031	881B	0.	0.	0.	198.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	882B	79.	204.	79.	204.	1	1700.	0.03500	0.00	0.00	0.	20	13	B98	0.00
15031	883B	0.	0.	79.	186.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	884B	52.	142.	131.	302.	4	1500.	0.02000	4.75	0.00	0.	20	12	B98	0.05
15031	885B	0.	0.	131.	295.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	886B	30.	98.	161.	358.	5	2150.	0.01800	8.00	3.00	0.	10	10	B98	0.10
15031	887B	0.	0.	161.	348.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CALLEGUA. 990															
15031	888B	72.	207.	233.	490.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.26
15031	889AB	233.	490.	52715.	29270.	2	1200.	0.00800	100.00	0.00	0.	10	0	B98	0.00
15031	890A	0.	0.	52715.	29259.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	891A	93.	180.	52808.	29264.	2	800.	0.00400	100.00	0.00	0.	30	13	A97	0.15
15031	892A	62.	134.	52870.	29254.	2	800.	0.00400	100.00	0.00	0.	20	11	A97	0.00
15031	893B	0.	0.	0.	490.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	894B	69.	178.	69.	178.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.00
15031	895B	0.	0.	69.	178.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	896B	55.	158.	124.	336.	1	1800.	0.07200	0.00	0.00	0.	20	11	B98	0.00
15031	897B	0.	0.	124.	319.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	898B	55.	158.	179.	458.	1	1000.	0.09000	0.00	0.00	0.	20	11	B98	0.00
15031	899B	0.	0.	179.	454.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	900B	0.	0.	179.	454.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	901B	63.	185.	242.	616.	1	2400.	0.05800	0.00	0.00	0.	10	12	B98	0.00
15031	902B	59.	182.	301.	675.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031	903B	0.	0.	301.	675.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	904B	41.	125.	342.	726.	1	2300.	0.07500	0.00	0.00	0.	20	10	B98	0.00
15031	905B	77.	252.	419.	810.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.00
15031	906C	0.	0.	0.	210.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	907C	52.	152.	52.	152.	1	4100.	0.07900	0.00	0.00	0.	10	12	B98	0.00
15031	908C	92.	284.	144.	331.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031	909BC	144.	331.	563.	1099.	1	1200.	0.05200	0.00	0.00	0.	10	0	B98	0.00
15031	910B	62.	167.	625.	1207.	1	800.	0.05600	0.00	0.00	0.	30	11	B98	0.00
15031	911B	0.	0.	625.	1201.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	912B	58.	170.	683.	1339.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031	913C	0.	0.	0.	331.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	914C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	915C	96.	238.	96.	238.	1	1800.	0.08300	0.00	0.00	0.	20	14	B98	0.00
15031	916C	0.	0.	96.	228.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	917C	95.	235.	191.	447.	1	1400.	0.05700	0.00	0.00	0.	20	14	B98	0.00
15031	918C	46.	114.	237.	536.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.00
15031	919D	0.	0.	0.	2402.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	920D	62.	191.	62.	191.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031	921D	43.	123.	105.	315.	1	2100.	0.08300	0.00	0.00	0.	20	11	B98	0.00
15031	922D	62.	153.	167.	436.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.00
15031	923CD	167.	436.	404.	965.	1	1500.	0.08000	0.00	0.00	0.	10	0	B98	0.00
15031	924C	0.	0.	404.	956.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT																
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952																
CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002																
LOCATION	SUBAREA	CRK. AREA	W/EXISTG. Q	DAMS & SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	STORM RAIN ZONE	DAY 4 PCT IMPV
15031	925C	93.	250.	497.	1168.	0	0.	0.00000	0.00	0.00	0.	0.	10	14	B98	0.00
15031	926C	41.	101.	538.	1253.	0	0.	0.00000	0.00	0.00	0.	0.	20	14	B98	0.00
15031	927C	0.	0.	538.	1253.	0	0.	0.00000	0.00	0.00	0.	0.	10	99	B98	0.00
15031	928C	0.	0.	538.	1253.	0	0.	0.00000	0.00	0.00	0.	0.	10	99	B98	0.00
15031	929C	80.	207.	618.	1429.	1	1500.	0.06800	0.00	0.00	0.	0.	20	13	B98	0.00
15031	930C	0.	0.	618.	1414.	0	0.	0.00000	0.00	0.00	0.	0.	10	99	B98	0.00
15031	931C	78.	241.	696.	1563.	0	0.	0.00000	0.00	0.00	0.	0.	10	11	B98	0.00
15031	932C	78.	241.	774.	1716.	1	2300.	0.04700	0.00	0.00	0.	0.	10	11	B98	0.00
15031	933C	0.	0.	774.	1676.	0	0.	0.00000	0.00	0.00	0.	0.	10	99	B98	0.00
15031	934C	59.	190.	833.	1711.	1	1700.	0.04100	0.00	0.00	0.	0.	20	9	B98	0.00
15031	935C	64.	174.	897.	1724.	1	1200.	0.04200	0.00	0.00	0.	0.	20	12	B98	0.00
15031	936C	0.	0.	897.	1717.	0	0.	0.00000	0.00	0.00	0.	0.	10	99	B98	0.00
15031	937C	63.	180.	960.	1744.	1	800.	0.02000	0.00	0.00	0.	0.	20	11	B98	0.00
15031	938D	0.	0.	0.	436.	0	0.	0.00000	0.00	0.00	0.	0.	10	99	B98	0.00
15031	939D	48.	148.	48.	148.	1	1800.	0.08900	0.00	0.00	0.	0.	10	11	B98	0.00
15031	940D	49.	149.	97.	266.	0	0.	0.00000	0.00	0.00	0.	0.	20	10	B98	0.00
15031	941CD	97.	266.	1057.	1823.	1	1500.	0.03600	0.00	0.00	0.	0.	10	0	B98	0.00
15031	942C	0.	0.	1057.	1814.	0	0.	0.00000	0.00	0.00	0.	0.	10	99	B98	0.00

CALLEGUA. 990															
15031	943C	0.	0.	1057.	1814.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	944C	78.	237.	1135.	1840.	1	1900.	0.04200	0.00	0.00	0.	20	10	B98	0.00
15031	945C	70.	213.	1205.	1847.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.00
15031	946BC	1205.	1847.	1888.	2745.	1	1400.	0.02100	0.00	0.00	0.	10	0	B98	0.00
15031	947B	0.	0.	1888.	2722.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	948B	69.	198.	1957.	2750.	1	1300.	0.02300	0.00	0.00	0.	30	10	B98	0.00
15031	949B	0.	0.	1957.	2734.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	950B	75.	203.	2032.	2771.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00
15031	951B	44.	129.	2076.	2798.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031	952C	0.	0.	0.	1847.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	953C	77.	191.	77.	191.	1	1800.	0.12000	0.00	0.00	0.	20	14	B98	0.00
15031	954C	47.	138.	124.	310.	1	3500.	0.05700	0.00	0.00	0.	10	12	B98	0.00
15031	955C	0.	0.	124.	267.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	956C	63.	180.	187.	334.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00
15031	957D	0.	0.	0.	266.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	958D	54.	151.	54.	151.	1	2500.	0.13600	0.00	0.00	0.	10	13	B98	0.00
15031	959D	0.	0.	54.	141.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	960D	61.	179.	115.	298.	1	2600.	0.08100	0.00	0.00	0.	10	12	B98	0.00
15031	961D	44.	134.	159.	347.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.00
15031	962CD	159.	347.	346.	663.	1	3000.	0.07300	0.00	0.00	0.	10	0	B98	0.00
15031	963C	0.	0.	346.	636.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	964C	66.	189.	412.	686.	1	1900.	0.03700	0.00	0.00	0.	30	10	B98	0.00
15031	965C	50.	143.	462.	690.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00
15031	966BC	462.	690.	2538.	3478.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	967C	0.	0.	0.	690.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	968C	47.	138.	47.	138.	1	2700.	0.11900	0.00	0.00	0.	10	12	B98	0.00
15031	969C	0.	0.	47.	125.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	970C	51.	157.	98.	256.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031	971C	0.	0.	98.	256.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	972C	54.	151.	152.	397.	1	2500.	0.10400	0.00	0.00	0.	10	13	B98	0.00
15031	973C	0.	0.	152.	385.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	974C	64.	195.	216.	519.	1	2200.	0.05200	0.00	0.00	0.	20	10	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 IN CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	STORM DAY 4 PCT IMPV
15031	975C	56.	272.	575.	1	800.	0.03100	0.00	0.00	0.	20	11	B98	0.00
15031	976C	0.	272.	560.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	977C	68.	340.	669.	1	2600.	0.05800	0.00	0.00	0.	30	13	B98	0.00
15031	978C	0.	340.	640.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	979C	70.	410.	674.	1	1800.	0.03200	0.00	0.00	0.	20	11	B98	0.00
15031	980BC	410.	2948.	4125.	5	800.	0.02500	15.00	0.00	0.	10	0	B98	0.00
15031	981B	82.	3030.	4181.	5	1400.	0.01800	15.00	0.00	0.	30	14	B98	0.02
15031	982B	52.	3082.	4199.	5	1800.	0.07200	12.00	0.00	0.	30	12	B98	0.05
15031	983B	62.	3144.	4212.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.05
15031	984C	82.	82.	204.	3	1200.	0.03300	0.00	0.00	0.	20	14	B98	0.05
15031	985C	64.	146.	356.	4	1800.	0.03600	4.75	0.00	0.	20	12	B98	0.05
15031	986C	53.	199.	488.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.05
15031	987BC	199.	3343.	4504.	5	1200.	0.01900	16.00	0.00	0.	10	0	B98	0.00
15031	988B	69.	3412.	4547.	5	2400.	0.02500	16.00	0.00	0.	40	13	B98	0.05
15031	989B	0.	3412.	4535.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	990B	84.	3496.	4610.	0	0.	0.00000	0.00	0.00	0.	50	14	B98	0.05
15031	991C	0.	0.	488.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	992C	63.	63.	157.	1	2300.	0.03900	0.00	0.00	0.	20	14	B98	0.05
15031	993C	0.	63.	137.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	994C	74.	137.	290.	1	2100.	0.03400	0.00	0.00	0.	20	11	B98	0.04
15031	995C	55.	192.	343.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.05
15031	996BC	192.	3688.	4901.	5	1600.	0.02700	16.00	0.00	0.	10	0	B98	0.00
15031	997B	0.	3688.	4882.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CALLEGUA. 990															
15031	998B	65.	150.	3753.	4912.	5	1600.	0.02500	10.00	3.00	0.	40	13	B98	0.05
15031	999B	0.	0.	3753.	4901.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1000B	51.	148.	3804.	4927.	5	2200.	0.02300	10.00	3.00	0.	20	11	B98	0.10
15031	1001A	77.	201.	52947.	29251.	0	0.	0.00000	0.00	0.00	0.	30	12	B98	0.12

 * CONFLUENCE Q' S *
 * 15031 1002A TA 1222 QA 29251. QAB 30353. QB 1102. 15031 1002B TB 1168 QB 4916. QBA 26614. QA 21698. *
 * 15031 1002AB TAB 1222 QAB 30353. QA 29251. QB 1102. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1002AB	3804.	4916.	56751.	30353.	2	1150.	0.00600	100.00	4.00	0.	10	0	B98	0.00
15031	1003B	0.	0.	0.	4916.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1004B	87.	235.	87.	235.	1	800.	0.05300	0.00	0.00	0.	10	14	B98	0.10
15031	1005B	0.	0.	87.	232.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1006B	53.	173.	140.	393.	1	1600.	0.02500	0.00	0.00	0.	10	10	B98	0.00
15031	1007B	0.	0.	140.	360.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1008B	89.	251.	229.	542.	5	1400.	0.02100	6.00	3.00	0.	30	11	B98	0.24
15031	1009B	50.	111.	279.	625.	0	0.	0.00000	0.00	0.00	0.	60	12	B98	0.35
15031	1010AB	279.	625.	57030.	30400.	2	1600.	0.00600	100.00	4.00	0.	10	0	B98	0.00
15031	1011B	0.	0.	0.	625.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1012B	79.	152.	79.	152.	0	0.	0.00000	0.00	0.00	0.	20	14	A97	0.00
15031	1013B	56.	112.	135.	264.	5	1350.	0.03000	2.00	3.00	0.	20	13	A97	0.00
15031	1014B	0.	0.	135.	259.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1015B	58.	125.	193.	380.	5	1100.	0.01400	4.00	3.00	0.	20	12	A97	0.21
15031	1016AB	193.	377.	57223.	30403.	2	1000.	0.00600	100.00	4.00	0.	10	0	B98	0.00
15031	1017B	0.	0.	0.	377.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

 VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1018B	38.	103.	38.	103.	1	1800.	0.05000	0.00	0.00	0.	20	12	B98	0.00
15031	1019B	36.	111.	74.	178.	5	400.	0.10000	4.00	3.00	0.	10	11	B98	0.00
15031	1020C	0.	0.	0.	343.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1021C	32.	99.	32.	99.	1	800.	0.06200	0.00	0.00	0.	10	11	B98	0.00
15031	1022BC	32.	95.	106.	271.	5	1000.	0.03000	6.00	3.00	0.	10	0	B98	0.00
15031	1023B	0.	0.	106.	269.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1024B	78.	213.	184.	459.	5	400.	0.10000	6.00	3.00	0.	20	12	B98	0.07
15031	1025AB	184.	459.	57407.	30424.	2	300.	0.00500	100.00	4.00	0.	10	0	B98	0.00
15031	1026A	0.	0.	57407.	30421.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1027A	123.	226.	57530.	30432.	5	850.	0.00500	100.00	4.00	0.	40	14	A97	0.28
15031	1028B	0.	0.	0.	459.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1029B	76.	160.	76.	160.	5	2600.	0.03500	4.00	3.00	0.	20	12	A97	0.07
15031	1030B	90.	157.	166.	302.	0	0.	0.00000	0.00	0.00	0.	40	13	A97	0.04

 * CONFLUENCE Q' S *
 * 15031 1031A TA 1226 QA 30424. QAB 30430. QB 6. 15031 1031B TB 1157 QB 302. QBA 18629. QA 18327. *
 * 15031 1031AB TAB 1226 QAB 30430. QA 30424. QB 6. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1031AB	166.	302.	57696.	30430.	5	400.	0.00500	100.00	1.50	0.	10	0	B98	0.00
15031	1032A	49.	88.	57745.	30425.	5	250.	0.00500	100.00	1.50	0.	20	16	A97	0.00
15031	1033A	87.	191.	57832.	30426.	5	600.	0.00500	100.00	1.50	0.	10	13	A97	0.00
15031	1034A	58.	126.	57890.	30420.	0	0.	0.00000	0.00	0.00	0.	20	11	A97	0.00
15031	1035B	43.	133.	43.	133.	1	1050.	0.00380	0.00	0.00	0.	10	11	B98	0.00
15031	1036B	49.	139.	92.	185.	4	1150.	0.00087	7.00	5.00	0.	10	13	B98	0.30
15031	1037B	72.	196.	164.	342.	0	0.	0.00000	0.00	0.00	0.	10	14	B98	0.20

CALLEGUA. 990
CONFLUENCE Q' S

* 15031 1038A TA 1227 QA 30420. QAB 30467. QB 47. 15031 1038B TB 1160 QB 342. QBA 20015. QA 19673. *

* 15031 1038AB TAB 1227 QAB 30467. QA 30420. QB 47. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1038AB	164.	342.	58054.	30467.	2	2200.	0.00500	100.00	4.00	0.	10	0	B98	0.00
15031 1039A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1040A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1041A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1042A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1043A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1044A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1045A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1046A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1047A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1048A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1049A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1050A	0.	0.	58054.	30442.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1051B	51.	164.	51.	164.	1	1950.	0.14200	0.00	0.00	0.	20	9	B98	0.00
15031 1052B	34.	124.	85.	254.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00
15031 1053B	71.	219.	156.	468.	1	2650.	0.07200	0.00	0.00	0.	10	11	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1054B	54.	164.	210.	528.	1	3000.	0.05400	0.00	0.00	0.	20	10	B98	0.00
15031 1055B	100.	238.	310.	635.	0	0.	0.00000	0.00	0.00	0.	20	15	B98	0.00
15031 1056B	0.	0.	310.	635.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1057C	70.	216.	70.	216.	1	2480.	0.08300	0.00	0.00	0.	10	11	B98	0.00
15031 1058C	74.	228.	144.	388.	1	3160.	0.06200	0.00	0.00	0.	10	11	B98	0.00
15031 1059C	62.	168.	206.	437.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00

CONFLUENCE Q' S

* 15031 1060B TB 1163 QB 635. QBC 1071. QC 437. 15031 1060C TC 1163 QC 437. QCB 1071. QB 635. *

* 15031 1060BC TBC 1163 QBC 1071. QB 635. QC 437. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1060BC	206.	437.	516.	1071.	1	2280.	0.05200	0.00	0.00	0.	20	0	B98	0.00
15031 1061B	69.	178.	585.	1073.	1	1240.	0.02900	0.00	0.00	0.	20	13	B98	0.00
15031 1062B	59.	160.	644.	1084.	1	3280.	0.06100	0.00	0.00	0.	20	12	B98	0.00
15031 1063B	96.	281.	740.	1104.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031 1064D	48.	106.	48.	106.	1	2600.	0.06800	0.00	0.00	0.	20	17	B98	0.00
15031 1065D	36.	89.	84.	163.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.00
15031 1066E	59.	130.	59.	130.	0	0.	0.00000	0.00	0.00	0.	20	17	B98	0.00

CONFLUENCE Q' S

* 15031 1067D TD 1162 QD 163. QDE 280. QE 117. 15031 1067E TE 1156 QE 130. QED 267. QD 137. *

* 15031 1067DE TDE 1160 QDE 283. QD 159. QE 124. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1067DE	59.	130.	143.	283.	1	2180.	0.03900	0.00	0.00	0.	20	0	B98	0.00
15031 1068D	0.	0.	143.	269.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1069D	37.	84.	180.	331.	0	0.	0.00000	0.00	0.00	0.	20	16	B98	0.00

CONFLUENCE Q' S

* 15031 1070B TB 1173 QB 1104. QBD 1332. QD 228. 15031 1070D TD 1164 QD 331. QDB 1303. QB 973. *

CALLEGUA. 990

***** 15031 1070BD TBD 1170 QBD 1353. QB 1083. QD 270. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1070BD	180.	331.	920.	1353.	1	640.	0.03300	0.00	0.00	0.	20	0	B98	0.00
15031 1071B	44.	82.	964.	1413.	0	0.	0.00000	0.00	0.00	0.	20	22	B98	0.00
15031 1072E	75.	232.	75.	232.	1	1580.	0.08500	0.00	0.00	0.	10	11	B98	0.00
15031 1073E	75.	245.	150.	441.	1	1840.	0.09000	0.00	0.00	0.	10	10	B98	0.00
15031 1074E	61.	129.	211.	549.	1	2780.	0.06500	0.00	0.00	0.	20	18	B98	0.00
15031 1075E	56.	150.	267.	602.	0	0.	0.00000	0.00	0.00	0.	10	14	B98	0.00
15031 1076F	48.	110.	48.	110.	0	0.	0.00000	0.00	0.00	0.	20	16	B98	0.00

CONFLUENCE Q' S

* 15031 1077E TE 1165 QE 602. QEF 680. QF 77. 15031 1077F TF 1156 QF 110. QFE 501. QE 391. *

* 15031 1077EF TEF 1163 QEF 688. QE 595. QF 93. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	-------------	------------	------------	--------	-----------	-----------	----	-----------	----------

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1077EF	48.	110.	315.	688.	1	4160.	0.05900	0.00	0.00	0.	20	0	B98	0.00
15031 1078E	63.	122.	378.	715.	0	0.	0.00000	0.00	0.00	0.	20	21	B98	0.00
15031 1079E	0.	0.	378.	715.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1080F	93.	272.	93.	272.	1	1900.	0.08200	0.00	0.00	0.	10	12	B98	0.00
15031 1081F	56.	139.	149.	392.	1	2420.	0.04900	0.00	0.00	0.	10	16	B98	0.00
15031 1082F	41.	106.	190.	425.	1	1880.	0.04600	0.00	0.00	0.	20	13	B98	0.00
15031 1083F	66.	145.	256.	491.	1	1380.	0.06200	0.00	0.00	0.	20	17	B98	0.00
15031 1084F	57.	125.	313.	554.	0	0.	0.00000	0.00	0.00	0.	20	17	B98	0.00

CONFLUENCE Q' S

* 15031 1085E TE 1169 QE 715. QEF 1245. QF 531. 15031 1085F TF 1168 QF 554. QFE 1255. QE 700. *

* 15031 1085EF TEF 1168 QEF 1255. QE 700. QF 554. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1085EF	313.	554.	691.	1255.	1	1320.	0.02900	0.00	0.00	0.	20	0	B98	0.00
15031 1086E	19.	66.	710.	1235.	0	0.	0.00000	0.00	0.00	0.	30	7	B98	0.00

CONFLUENCE Q' S

* 15031 1087B TB 1170 QB 1413. QBE 2639. QE 1227. 15031 1087E TE 1171 QE 1235. QEB 2642. QB 1408. *

* 15031 1087BE TBE 1171 QBE 2642. QB 1408. QE 1235. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1087BE	710.	1235.	1674.	2642.	2	1520.	0.02200	0.00	0.00	0.	30	0	B98	0.00
15031 1088B	45.	121.	1719.	2644.	2	1100.	0.01500	0.00	0.00	0.	30	11	B98	0.00
15031 1089B	66.	110.	1785.	2666.	0	0.	0.00000	0.00	0.00	0.	40	21	B98	0.00
15031 1090C	84.	172.	84.	172.	1	1000.	0.03700	0.00	0.00	0.	20	19	B98	0.00
15031 1091C	65.	117.	149.	283.	1	1520.	0.03200	0.00	0.00	0.	30	21	B98	0.00
15031 1092C	54.	125.	203.	360.	1	420.	0.02400	0.00	0.00	0.	30	14	B98	0.00
15031 1093C	65.	128.	268.	477.	1	1820.	0.02300	0.00	0.00	0.	10	24	B98	0.00
15031 1094C	67.	128.	335.	543.	0	0.	0.00000	0.00	0.00	0.	30	19	B98	0.00

CONFLUENCE Q' S

* 15031 1095B TB 1172 QB 2666. QBC 3139. QC 472. 15031 1095C TC 1167 QC 543. QCB 2994. QB 2450. *

* 15031 1095BC TBC 1172 QBC 3139. QB 2666. QC 472. *

CALLEGUA. 990														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1095BC	335.	543.	2120.	3139.	2	800.	0.03000	0.00	0.00	0.	30	0	B98	0.00
15031 1096B	53.	99.	2173.	3187.	0	0.	0.00000	0.00	0.00	0.	20	22	B98	0.00
15031 1097B	0.	0.	2173.	3187.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1098B	0.	0.	2173.	3187.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1099B	0.	0.	2173.	3187.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 1100D	68.	176.	68.	176.	0	0.	0.00000	0.00	0.00	0.	10	15	B98	0.00
15031 1101D	84.	200.	152.	376.	1	1240.	0.17400	0.00	0.00	0.	20	15	B98	0.00
15031 1102D	76.	197.	228.	567.	1	1640.	0.09800	0.00	0.00	0.	10	15	B98	0.00
15031 1103D	79.	197.	307.	747.	1	2380.	0.08300	0.00	0.00	0.	10	16	B98	0.00
15031 1104D	72.	186.	379.	883.	1	2240.	0.06700	0.00	0.00	0.	10	15	B98	0.00
15031 1105D	75.	171.	454.	971.	0	0.	0.00000	0.00	0.00	0.	20	16	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952														
CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1106E	52.	170.	52.	170.	1	2300.	0.15700	0.00	0.00	0.	10	10	B98	0.00
15031 1107E	91.	267.	143.	405.	1	2400.	0.09900	0.00	0.00	0.	10	12	B98	0.00
15031 1108E	77.	215.	220.	574.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.00

* CONFLUENCE Q' S *
* 15031 1109D TD 1165 QD 971. QDE 1403. QE 432. 15031 1109E TE 1161 QE 574. QED 1423. QD 849. *
* 15031 1109DE TDE 1164 QDE 1473. QD 969. QE 504. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1109DE	220.	574.	674.	1473.	1	2380.	0.04400	0.00	0.00	0.	10	0	B98	0.00
15031 1110D	57.	130.	731.	1502.	1	1800.	0.03400	0.00	0.00	0.	20	16	B98	0.00
15031 1111D	40.	115.	771.	1482.	1	2780.	0.02500	0.00	0.00	0.	20	11	B98	0.00
15031 1112D	58.	135.	829.	1417.	2	1760.	0.03100	0.00	0.00	0.	30	14	B98	0.00
15031 1113D	0.	0.	829.	1409.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1114D	48.	114.	877.	1423.	0	0.	0.00000	0.00	0.00	0.	20	15	B98	0.00

* CONFLUENCE Q' S *
* 15031 1115B TB 1173 QB 3187. QBD 4475. QD 1288. 15031 1115D TD 1177 QD 1423. QDB 4449. QB 3027. *
* 15031 1115BD TBD 1175 QBD 4500. QB 3117. QD 1382. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1115BD	877.	1423.	3050.	4500.	2	1820.	0.01300	0.00	0.00	0.	20	0	B98	0.00
15031 1116B	44.	142.	3094.	4500.	2	1180.	0.02000	0.00	0.00	0.	20	9	B98	0.05
15031 1117B	16.	52.	3110.	4495.	0	0.	0.00000	0.00	0.00	0.	30	8	B98	0.00
15031 1118E	49.	156.	49.	156.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.40
15031 1119E	54.	200.	103.	356.	4	1138.	0.02330	4.75	0.00	0.	10	8	B98	0.50

* CONFLUENCE Q' S *
* 15031 1120B TB 1178 QB 4495. QBE 4540. QE 45. 15031 1120E TE 1156 QE 351. QEB 2552. QB 2201. *
* 15031 1120BE TBE 1178 QBE 4540. QB 4495. QE 45. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1120BE	103.	351.	3213.	4540.	5	457.	0.08231	1.00	5.00	0.	40	0	B98	0.00
15031 1121B	0.	0.	3213.	4539.	5	2000.	0.00200	14.00	0.00	0.	30	99	B98	0.00
15031 1122B	10.	37.	3223.	4500.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.15
15031 1123F	46.	86.	46.	86.	4	4380.	0.12200	2.25	0.00	0.	40	19	B98	0.15
15031 1124F	52.	180.	98.	241.	0	0.	0.00000	0.00	0.00	0.	40	7	B98	0.23

* CONFLUENCE Q' S *

CALLEGUA. 990
 * 15031 1125B TB 1181 QB 4500. QBF 4518. QF 19. 15031 1125F TF 1155 QF 241. QFB 2192. QB 1951. *
 * 15031 1125BF TBF 1181 QBF 4518. QB 4500. QF 19. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1125BF	98.	241.	3321.	4518.	0	0.	0.00000	0.00	0.00	0.	40	0	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

 * 15031 1126A TA 1229 QA 30442. QAB 31362. QB 920. 15031 1126B TB 1181 QB 4518. QBA 33084. QA 28566. *
 * 15031 1126AB TAB 1187 QAB 33593. QA 29402. QB 4191. *

CONFLUENCE Q' S

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1126AB	3321.	4518.	61375.	33593.	5	1100.	0.05004	1000.00	0.00	0.	40	0	B98	0.00
15031 1127A	0.	0.	61375.	33583.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031 1128B	42.	98.	42.	98.	1	1560.	0.06900	0.00	0.00	0.	10	18	B98	0.00
15031 1129B	45.	92.	87.	181.	1	1940.	0.03800	0.00	0.00	0.	20	19	B98	0.00
15031 1130B	38.	78.	125.	227.	0	0.	0.00000	0.00	0.00	0.	30	17	B98	0.00
15031 1131E	77.	164.	77.	164.	1	200.	0.09000	0.00	0.00	0.	10	21	B98	0.00
15031 1132F	65.	182.	65.	182.	1	1560.	0.18900	0.00	0.00	0.	10	13	B98	0.00
15031 1133F	24.	88.	89.	256.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00

 * 15031 1134E TE 1157 QE 163. QEF 413. QF 249. 15031 1134F TF 1156 QF 256. QFE 419. QE 163. *
 * 15031 1134EF TEF 1156 QEF 419. QE 163. QF 256. *

CONFLUENCE Q' S

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1134EF	89.	256.	166.	419.	1	2020.	0.07200	0.00	0.00	0.	10	0	B98	0.00
15031 1135E	30.	103.	196.	453.	1	3140.	0.04200	0.00	0.00	0.	20	8	B98	0.00
15031 1136E	65.	134.	261.	481.	1	200.	0.02000	0.00	0.00	0.	30	17	B98	0.00

 * 15031 1137B TB 1165 QB 227. QBE 701. QE 474. 15031 1137E TE 1166 QE 478. QEB 700. QB 222. *
 * 15031 1137BE TBE 1165 QBE 701. QB 227. QE 474. *

CONFLUENCE Q' S

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1137BE	261.	478.	386.	701.	2	2120.	0.02500	0.00	0.00	0.	30	0	B98	0.00
15031 1138B	54.	131.	440.	696.	4	2150.	0.02000	6.25	0.00	0.	40	12	B98	0.05
15031 1139B	48.	150.	488.	702.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.20
15031 1140B	0.	0.	488.	702.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 1141C	13.	43.	13.	43.	0	0.	0.00000	0.00	0.00	0.	30	8	B98	0.20
15031 1142BC	13.	43.	501.	705.	4	1450.	0.01000	7.25	0.00	0.	30	0	B98	0.00
15031 1143B	18.	59.	519.	705.	0	0.	0.00000	0.00	0.00	0.	30	8	B98	0.10
15031 1144B	0.	0.	519.	705.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 1145D	26.	85.	26.	85.	4	150.	0.03000	2.75	0.00	0.	20	9	B98	0.12
15031 1146D	19.	60.	45.	144.	4	1400.	0.06070	3.00	0.00	0.	30	9	B98	0.23
15031 1147D	33.	116.	78.	255.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.27
15031 1148E	59.	141.	59.	141.	4	1600.	0.03000	3.25	0.00	0.	20	15	B98	0.03

 * 15031 1149D TD 1155 QD 255. QDE 382. QE 128. 15031 1149E TE 1158 QE 139. QED 353. QD 214. *
 * 15031 1149DE TDE 1156 QDE 388. QD 253. QE 135. *

CALLEGUA. 990														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV
VENTURA COUNTY FLOOD CONTROL DISTRICT MODI FIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952														
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q10OP, DBT/DL/OR, 11/2002														
STORM DAY 4														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV
15031 1149DE	59.	139.	137.	388.	4	1000.	0.05000	4.25	0.00	0.	20	0	B98	0.00
15031 1150D	13.	44.	150.	414.	0	0.	0.00000	0.00	0.00	0.	40	7	B98	0.16

CONFLUENCE Q' S														
* 15031 1151B	TB 1174 QB	705.	765.	60.	15031 1151D	TD 1156 QD	414.	1023.	609.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV
15031 1151BD	150.	414.	669.	1046.	4	700.	0.02000	7.25	0.00	0.	40	0	A97	0.00
15031 1152B	0.	0.	669.	1040.	0	0.	0.00000	0.00	0.00	0.	40	99	A97	0.00
15031 1153C	56.	130.	56.	130.	0	0.	0.00000	0.00	0.00	0.	10	18	B98	0.00
15031 1154C	57.	118.	113.	247.	1	2720.	0.11100	0.00	0.00	0.	10	22	B98	0.00
15031 1155C	45.	116.	158.	340.	1	3140.	0.04200	0.00	0.00	0.	10	15	B98	0.00
15031 1156C	57.	104.	215.	356.	0	0.	0.00000	0.00	0.00	0.	50	16	B98	0.00
15031 1157D	87.	158.	87.	158.	1	2620.	0.03800	0.00	0.00	0.	20	23	B98	0.00
15031 1158D	43.	76.	130.	212.	0	0.	0.00000	0.00	0.00	0.	20	24	B98	0.00

CONFLUENCE Q' S														
* 15031 1159C	TC 1167 QC	356.	568.	211.	15031 1159D	TD 1168 QD	212.	548.	336.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV
15031 1159CD	130.	212.	345.	568.	1	1780.	0.03000	0.00	0.00	0.	20	0	A97	0.00
15031 1160C	35.	57.	380.	574.	2	300.	0.02500	0.00	0.00	0.	50	19	B98	0.00
15031 1161C	34.	55.	414.	615.	4	1400.	0.01600	6.25	0.00	0.	30	25	B98	0.00
15031 1162C	74.	148.	488.	672.	0	0.	0.00000	0.00	0.00	0.	30	18	B98	0.03

CONFLUENCE Q' S														
* 15031 1163B	TB 1159 QB	1040.	1583.	543.	15031 1163C	TC 1169 QC	672.	1454.	783.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV
15031 1163BC	488.	672.	1157.	1583.	5	50.	0.27000	30.00	2.00	0.	30	0	B98	0.00
15031 1164B	9.	28.	1166.	1601.	0	0.	0.00000	0.00	0.00	0.	40	8	B98	0.15
15031 1165D	105.	252.	105.	252.	1	3600.	0.10000	0.00	0.00	0.	10	17	B98	0.00
15031 1166D	98.	242.	203.	431.	1	1420.	0.04900	0.00	0.00	0.	20	14	B98	0.00
15031 1167D	34.	73.	237.	483.	0	0.	0.00000	0.00	0.00	0.	30	16	B98	0.00
15031 1168E	70.	188.	70.	188.	1	555.	0.10700	0.00	0.00	0.	10	14	B98	0.00
15031 1169E	45.	126.	115.	313.	1	3620.	0.06500	0.00	0.00	0.	10	13	B98	0.00
15031 1170E	67.	129.	182.	389.	0	0.	0.00000	0.00	0.00	0.	20	21	B98	0.00

CONFLUENCE Q' S														
* 15031 1171D	TD 1164 QD	483.	871.	388.	15031 1171E	TE 1165 QE	389.	857.	468.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV

CALLEGUA. 990														
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	STORM DAY 4
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 1171DE	182.	389.	419.	871.	1	180.	0.03900	0.00	0.00	0.	20	0	B98	0.00
15031 1172F	74.	217.	74.	217.	1	2040.	0.07600	0.00	0.00	0.	10	12	B98	0.00
15031 1173F	56.	139.	130.	333.	1	200.	0.11800	0.00	0.00	0.	10	16	B98	0.00
15031 1174F	57.	148.	187.	470.	1	4800.	0.08600	0.00	0.00	0.	10	15	B98	0.00
15031 1175F	89.	154.	276.	562.	0	0.	0.00000	0.00	0.00	0.	20	25	B98	0.00

* CONFLUENCE Q'S *														
* 15031 1176D	TD 1164	QD	868. QDF	1404. QF	536.	15031 1176F	TF 1167	QF	562. QFD	1382. QD	819.	*		
* 15031 1176DF TDF 1165 QDF 1412. QD 863. QF 549. *														

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	STORM DAY 4
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 1176DF	276.	562.	695.	1412.	1	3600.	0.02800	0.00	0.00	0.	20	0	B98	0.00
15031 1177D	0.	0.	695.	1312.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 1178D	57.	122.	752.	1329.	0	0.	0.00000	0.00	0.00	0.	30	16	B98	0.00
15031 1179E	72.	193.	72.	193.	1	2800.	0.07000	0.00	0.00	0.	10	14	B98	0.00
15031 1180E	62.	131.	134.	291.	1	3900.	0.04200	0.00	0.00	0.	20	18	B98	0.00
15031 1181E	68.	150.	202.	271.	0	0.	0.00000	0.00	0.00	0.	40	14	B98	0.05
15031 1182F	68.	127.	68.	229.	0	0.	0.00000	0.00	0.00	0.	20	22	B98	0.00
15031 1183F	43.	82.	111.	209.	1	1640.	0.04000	0.00	0.00	0.	40	17	B98	0.00
15031 1184F	50.	115.	161.	294.	0	0.	0.00000	0.00	0.00	0.	40	13	B98	0.05

* CONFLUENCE Q'S *														
* 15031 1185E	TE 1165	QE	271. QEF	510. QF	239.	15031 1185F	TF 1161	QF	294. QFE	557. QE	263.	*		
* 15031 1185EF TEF 1161 QEF 557. QE 263. QF 294. *														

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	STORM DAY 4
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 1185EF	161.	294.	363.	557.	1	3120.	0.03800	0.00	0.00	0.	40	0	A97	0.00
15031 1186E	84.	181.	447.	613.	0	0.	0.00000	0.00	0.00	0.	30	16	B98	0.03

* CONFLUENCE Q'S *														
* 15031 1187D	TD 1172	QD	1329. QDE	1845. QE	516.	15031 1187E	TE 1164	QE	613. QED	1640. QD	1027.	*		
* 15031 1187DE TDE 1171 QDE 1848. QD 1318. QE 530. *														

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	STORM DAY 4
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 1187DE	447.	613.	1199.	1848.	2	1000.	0.01700	0.00	0.00	0.	30	0	B98	0.00
15031 1188D	0.	0.	1199.	1844.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 1189F	60.	128.	60.	128.	2	2180.	0.02500	0.00	0.00	0.	30	16	B98	0.00
15031 1190F	68.	135.	128.	240.	0	0.	0.00000	0.00	0.00	0.	40	16	B98	0.00

* CONFLUENCE Q'S *														
* 15031 1191D	TD 1173	QD	1844. QDF	1925. QF	81.	15031 1191F	TF 1160	QF	240. QFD	1448. QD	1208.	*		
* 15031 1191DF TDF 1171 QDF 1936. QD 1831. QF 105. *														

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	STORM DAY 4
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 1191DF	128.	240.	1327.	1936.	0	0.	0.00000	0.00	0.00	0.	30	0	B98	0.00
15031 1192D	76.	206.	1403.	1964.	2	1440.	0.01600	0.00	0.00	0.	20	12	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT														
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952														
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	STORM DAY 4
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 1193D	49.	132.	1452.	1971.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.00

CALLEGUA. 990
CONFLUENCE Q' S

```

* 15031 1194B TB 1159 QB 1601. QBD 3141. QD 1539. 15031 1194D TD 1172 QD 1971. QDB 3382. QB 1411.
* 15031 1194BD TBD 1169 QBD 3405. QB 1456. QD 1949.

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1194BD	1452.	1971.	2618.	3405.	5	800.	0.01566	6.00	1.50	0.	30	0	B98	0.00
15031 1195B	0.	0.	2618.	3398.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 1196B	15.	47.	2633.	3403.	5	1500.	0.01566	6.00	1.50	0.	30	9	B98	0.20
15031 1197B	42.	121.	2675.	3404.	5	377.	0.01566	28.00	0.00	0.	50	9	B98	0.28

CONFLUENCE Q' S

```

* 15031 1198A TA 1189 QA 33583. QAB 35831. QB 2247. 15031 1198B TB 1172 QB 3404. QBA 32001. QA 28597.
* 15031 1198AB TAB 1185 QAB 36106. QA 33443. QB 2663.

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1198AB	2675.	3404.	64050.	36106.	2	200.	0.00100	0.00	0.00	0.	10	0	B98	0.00
15031 1199B	53.	157.	53.	157.	5	1075.	0.01800	5.00	0.00	0.	20	11	B98	0.25
15031 1200B	32.	92.	85.	243.	5	350.	0.01500	5.00	0.00	0.	50	9	B98	0.27
15031 1201C	61.	180.	61.	180.	4	1200.	0.01692	4.00	0.00	0.	20	11	B98	0.25
15031 1202C	63.	174.	124.	343.	4	1085.	0.00200	7.50	0.00	0.	50	10	B98	0.30

CONFLUENCE Q' S

```

* 15031 1203A TA 1185 QA 36101. QAC 36133. QC 32. 15031 1203C TC 1160 QC 331. QCA 23830. QA 23499.
* 15031 1203AC TAC 1185 QAC 36133. QA 36101. QC 32.

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1203AC	124.	331.	64174.	36133.	2	700.	0.00470	0.00	0.00	0.	20	0	B98	0.00
15031 1204B	115.	221.	200.	459.	2	400.	0.00400	0.00	0.00	0.	20	14	A97	0.00
15031 1205B	45.	121.	245.	563.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.00

CONFLUENCE Q' S

```

* 15031 1206A TA 1186 QA 36126. QAB 36165. QB 39. 15031 1206B TB 1158 QB 563. QBA 22532. QA 21969.
* 15031 1206AB TAB 1186 QAB 36165. QA 36126. QB 39.

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1206AB	245.	563.	64419.	36165.	2	2500.	0.00320	0.00	0.00	0.	60	0	A97	0.00
15031 1207A	129.	214.	64548.	36119.	2	1000.	0.00320	0.00	0.00	0.	40	14	A97	0.00
15031 1208B	80.	154.	80.	154.	3	1100.	0.01810	0.00	0.00	0.	50	12	A97	0.35
15031 1209A	78.	122.	64626.	36111.	0	0.	0.00000	0.00	0.00	0.	60	10	A97	0.10

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

CONFLUENCE Q' S

```

* 15031 1210A TA 1190 QA 36111. QAB 36125. QB 14. 15031 1210B TB 1160 QB 142. QBA 21037. QA 20895.
* 15031 1210AB TAB 1190 QAB 36125. QA 36111. QB 14.

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1210AB	80.	142.	64706.	36125.	2	1770.	0.00500	0.00	0.00	0.	20	0	A97	0.00
15031 1211A	128.	295.	64834.	36131.	2	210.	0.00500	0.00	0.00	0.	10	12	A97	0.18
15031 1212A	0.	0.	64834.	36130.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 1213B	101.	312.	101.	312.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031 1214B	45.	147.	146.	459.	1	1740.	0.03450	0.00	0.00	0.	10	10	B98	0.00

CALLEGUA. 990															
15031	1215B	96.	260.	242.	647.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00
15031	1216C	83.	303.	83.	303.	1	1460.	0.08220	0.00	0.00	0.	10	8	B98	0.00
15031	1217C	76.	218.	159.	491.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1218B TB 1159 QB 647. QBC 1109. QC 462. 15031 1218C TC 1157 QC 491. QCB 1112. QB 621. *
 * 15031 1218BC TBC 1158 QBC 1123. QB 640. QC 483. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 1218BC	159.	491.	401.	1123.	1	10.	0.08220	0.00	0.00	0.	10	0	B98	0.00
15031 1219D	39.	153.	39.	153.	1	2500.	0.03800	0.00	0.00	0.	10	7	B98	0.00
15031 1220D	86.	266.	125.	319.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031 1221E	100.	365.	100.	365.	1	2240.	0.05360	0.00	0.00	0.	10	8	B98	0.00
15031 1222E	55.	188.	155.	438.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1223D TD 1159 QD 319. QDE 757. QE 438. 15031 1223E TE 1159 QE 438. QED 757. QD 319. *
 * 15031 1223DE TDE 1159 QDE 757. QD 319. QE 438. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 1223DE	155.	438.	280.	757.	1	1900.	0.03700	0.00	0.00	0.	10	0	B98	0.00
15031 1224D	55.	201.	335.	781.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1225B TB 1158 QB 1122. QBD 1860. QD 737. 15031 1225D TD 1159 QD 781. QDB 1891. QB 1110. *
 * 15031 1225BD TBD 1159 QBD 1891. QB 1110. QD 781. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 1225BD	335.	781.	736.	1891.	1	1400.	0.02860	0.00	0.00	0.	10	0	B98	0.00
15031 1226B	81.	277.	817.	1916.	1	1460.	0.03770	0.00	0.00	0.	20	8	B98	0.00
15031 1227B	63.	247.	880.	1925.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.00
15031 1228B	79.	190.	959.	2096.	1	920.	0.01670	0.00	0.00	0.	10	17	B98	0.00
15031 1229B	106.	287.	1065.	2213.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00
15031 1230E	74.	238.	74.	238.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.00
15031 1231E	80.	228.	154.	466.	1	750.	0.06670	0.00	0.00	0.	40	9	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 1232E	19.	77.	173.	521.	1	2650.	0.05910	0.00	0.00	0.	40	4	B98	0.00
15031 1233E	81.	296.	254.	600.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00
15031 1234E	63.	202.	317.	736.	1	840.	0.04160	0.00	0.00	0.	20	9	B98	0.00
15031 1235E	18.	86.	335.	741.	0	0.	0.00000	0.00	0.00	0.	10	4	B98	0.00
15031 1236F	76.	250.	76.	250.	1	2820.	0.05320	0.00	0.00	0.	40	7	B98	0.00
15031 1237F	59.	203.	135.	309.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1238E TE 1159 QE 741. QEF 1035. QF 294. 15031 1238F TF 1160 QF 309. QFE 1047. QE 738. *
 * 15031 1238EF TEF 1160 QEF 1047. QE 738. QF 309. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 1238EF	135.	309.	470.	1047.	1	1500.	0.02660	0.00	0.00	0.	10	0	B98	0.00
15031 1239E	23.	86.	493.	1018.	0	0.	0.00000	0.00	0.00	0.	50	4	B98	0.00

 * CONFLUENCE Q' S *

CALLEGUA. 990

* 15031 1240B TB 1163 QB 2213. QBE 3222. QE 1009. 15031 1240E TE 1162 QE 1018. QEB 3168. QB 2150. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 1240BE	493.	1018.	1558.	3222.	1	1720.	0.02910	0.00	0.00	0.	10	0	B98	0.00
15031 1241B	98.	263.	1656.	3307.	0	0.	0.00000	0.00	0.00	0.	10	14	B98	0.00
15031 1242B	42.	144.	1698.	3332.	1	2300.	0.02610	0.00	0.00	0.	10	9	B98	0.00
15031 1243B	72.	263.	1770.	3259.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00
15031 1244C	85.	295.	85.	295.	1	940.	0.08510	0.00	0.00	0.	30	7	B98	0.00
15031 1245C	90.	272.	175.	548.	1	3280.	0.04270	0.00	0.00	0.	30	9	B98	0.00
15031 1246C	101.	274.	276.	606.	1	1360.	0.04410	0.00	0.00	0.	20	12	B98	0.00
15031 1247C	58.	177.	334.	632.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.00

CONFLUENCE Q' S

* 15031 1248B TB 1169 QB 3259. QBC 3729. QC 470. 15031 1248C TC 1161 QC 632. QCB 2971. QB 2339. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 1248BC	334.	632.	2104.	3763.	1	840.	0.02980	0.00	0.00	0.	10	0	B98	0.00
15031 1249B	69.	236.	2173.	3778.	1	1240.	0.02420	0.00	0.00	0.	20	8	B98	0.00
15031 1250B	95.	305.	2268.	3785.	1	1500.	0.03000	0.00	0.00	0.	20	9	B98	0.00
15031 1251B	110.	378.	2378.	3797.	1	1940.	0.02580	0.00	0.00	0.	10	9	B98	0.00
15031 1252B	121.	326.	2499.	3749.	1	960.	0.02080	0.00	0.00	0.	40	10	B98	0.00
15031 1253B	91.	259.	2590.	3736.	1	1320.	0.03040	0.00	0.00	0.	40	9	B98	0.00
15031 1254B	44.	119.	2634.	3719.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.00
15031 1255D	98.	281.	98.	281.	1	3940.	0.04830	0.00	0.00	0.	30	10	B98	0.00
15031 1256D	100.	271.	198.	379.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00
15031 1257D	48.	122.	246.	485.	1	2400.	0.05000	0.00	0.00	0.	30	12	B98	0.00
15031 1258D	95.	198.	341.	616.	0	0.	0.00000	0.00	0.00	0.	40	15	B98	0.00
15031 1259D	60.	125.	401.	719.	1	1480.	0.05740	0.00	0.00	0.	40	15	B98	0.00
15031 1260D	65.	151.	466.	826.	1	1600.	0.04060	0.00	0.00	0.	30	14	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 1261D	54.	117.	520.	871.	0	0.	0.00000	0.00	0.00	0.	40	14	B98	0.00

CONFLUENCE Q' S

* 15031 1262B TB 1180 QB 3719. QBD 4067. QD 347. 15031 1262D TD 1165 QD 871. QDB 3408. QB 2537. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 1262BD	520.	871.	3154.	4073.	1	900.	0.02220	0.00	0.00	0.	20	0	B98	0.00
15031 1263B	87.	234.	3241.	4062.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.00
15031 1264E	68.	206.	68.	206.	1	3500.	0.06290	0.00	0.00	0.	30	9	B98	0.00
15031 1265E	86.	205.	154.	304.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.00

CONFLUENCE Q' S

* 15031 1266B TB 1181 QB 4062. QBE 4103. QE 41. 15031 1266E TE 1160 QE 304. QEB 3213. QB 2910. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 1266BE	154.	304.	3395.	4103.	1	10.	0.02220	0.00	0.00	0.	10	0	B98	0.00
15031 1267B	48.	155.	3443.	4107.	1	2200.	0.02500	0.00	0.00	0.	30	8	B98	0.00
15031 1268B	44.	77.	3487.	4069.	0	0.	0.00000	0.00	0.00	0.	60	12	B98	0.00

CALLEGUA. 990															
15031	1269B	46.	116.	3533.	4069.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.00
15031	1270E	97.	293.	97.	293.	1	3300.	0.06970	0.00	0.00	0.	30	9	B98	0.00
15031	1271E	55.	121.	152.	326.	0	0.	0.00000	0.00	0.00	0.	50	12	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1272B TB 1184 QB 4069. QBE 4104. QE 35. 15031 1272E TE 1160 QE 326. QEB 3213. QB 2888. *
 * 15031 1272BE TBE 1184 QBE 4104. QB 4069. QE 35. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1272BE	152.	326.	3685.	4104.	1	1000.	0.25000	0.00	0.00	0.	30	0	B98	0.00
15031 1273F	93.	185.	93.	185.	0	0.	0.00000	0.00	0.00	0.	40	16	B98	0.00
15031 1274F	58.	135.	151.	319.	1	1400.	0.05000	0.00	0.00	0.	30	14	B98	0.00
15031 1275F	28.	87.	179.	328.	0	0.	0.00000	0.00	0.00	0.	60	5	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1276B TB 1184 QB 4099. QBF 4121. QF 22. 15031 1276F TF 1156 QF 328. QFB 2749. QB 2422. *
 * 15031 1276BF TBF 1184 QBF 4121. QB 4099. QF 22. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1276BF	179.	328.	3864.	4121.	1	8800.	0.34100	0.00	0.00	0.	40	0	B98	0.00
15031 1277B	56.	193.	3920.	4104.	1	1920.	0.02600	0.00	0.00	0.	10	9	B98	0.00
15031 1278B	100.	271.	4020.	4100.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00
15031 1279C	70.	134.	70.	134.	0	0.	0.00000	0.00	0.00	0.	50	15	B98	0.00
15031 1280C	105.	234.	175.	368.	1	1660.	0.06930	0.00	0.00	0.	30	15	B98	0.00
15031 1281C	46.	102.	221.	446.	0	0.	0.00000	0.00	0.00	0.	50	12	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

 * CONFLUENCE Q' S *
 * 15031 1282B TB 1191 QB 4100. QBC 4114. QC 15. 15031 1282C TC 1159 QC 446. QCB 2752. QB 2306. *
 * 15031 1282BC TBC 1191 QBC 4114. QB 4100. QC 15. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1282BC	221.	446.	4241.	4114.	1	1340.	0.02990	0.00	0.00	0.	30	0	B98	0.00
15031 1283B	73.	208.	4314.	4105.	1	360.	0.02780	0.00	0.00	0.	40	9	B98	0.00
15031 1284B	59.	203.	4373.	4121.	1	1300.	0.38500	0.00	0.00	0.	10	9	B98	0.00
15031 1285B	57.	100.	4430.	4117.	0	0.	0.00000	0.00	0.00	0.	60	12	B98	0.00
15031 1286D	110.	361.	110.	361.	1	2400.	0.06050	0.00	0.00	0.	40	7	B98	0.00
15031 1287D	71.	142.	181.	406.	1	1340.	0.06350	0.00	0.00	0.	60	10	B98	0.00
15031 1288D	87.	173.	268.	538.	0	0.	0.00000	0.00	0.00	0.	40	16	B98	0.00
15031 1289E	87.	220.	87.	220.	1	1600.	0.04700	0.00	0.00	0.	40	11	B98	0.00
15031 1290E	58.	116.	145.	289.	1	2120.	0.05430	0.00	0.00	0.	60	10	B98	0.00
15031 1291E	55.	83.	200.	261.	0	0.	0.00000	0.00	0.00	0.	70	10	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1292D TD 1161 QD 538. QDE 799. QE 261. 15031 1292E TE 1161 QE 261. QED 799. QD 538. *
 * 15031 1292DE TDE 1161 QDE 799. QD 538. QE 261. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1292DE	200.	261.	468.	799.	1	1420.	0.07050	0.00	0.00	0.	40	0	B98	0.00
15031 1293D	85.	134.	553.	867.	0	0.	0.00000	0.00	0.00	0.	60	14	B98	0.00

 * CONFLUENCE Q' S *

CALLEGUA. 990
 * 15031 1294B TB 1194 QB 4117. QBD 4174. QD 56. 15031 1294D TD 1163 QD 867. QDB 3855. QB 2988. *
 * 15031 1294BD TBD 1173 QBD 4326. QB 3965. QD 361. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1294BD	553.	867.	4983.	4326.	1	1500.	0.03670	0.00	0.00	0.	50	0	B98	0.00
15031 1295B	79.	239.	5062.	4331.	1	1160.	0.03020	0.00	0.00	0.	30	9	B98	0.00
15031 1296B	47.	172.	5109.	4340.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00
15031 1297E	94.	220.	94.	220.	1	2640.	0.08710	0.00	0.00	0.	50	11	B98	0.00
15031 1298E	77.	111.	171.	293.	0	0.	0.00000	0.00	0.00	0.	60	16	B98	0.00

CONFLUENCE Q' S
 * 15031 1299B TB 1176 QB 4340. QBE 4376. QE 36. 15031 1299E TE 1161 QE 293. QEB 3642. QB 3349. *
 * 15031 1299BE TBE 1176 QBE 4376. QB 4340. QE 36. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1299BE	171.	293.	5280.	4376.	1	1600.	0.02810	0.00	0.00	0.	10	0	B98	0.00
15031 1300B	60.	130.	5340.	4364.	0	0.	0.00000	0.00	0.00	0.	40	14	B98	0.00
15031 1301B	49.	92.	5389.	4364.	1	1900.	0.03160	0.00	0.00	0.	60	11	B98	0.00
15031 1302B	72.	159.	5461.	4356.	0	0.	0.00000	0.00	0.00	0.	50	12	B98	0.00
15031 1303C	91.	292.	91.	292.	1	2000.	0.06000	0.00	0.00	0.	20	9	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1304C	48.	126.	139.	346.	0	0.	0.00000	0.00	0.00	0.	50	9	B98	0.00
15031 1305D	107.	366.	107.	366.	1	3000.	0.05330	0.00	0.00	0.	20	8	B98	0.00
15031 1306D	87.	174.	194.	391.	0	0.	0.00000	0.00	0.00	0.	60	10	B98	0.00

CONFLUENCE Q' S
 * 15031 1307C TC 1157 QC 346. QCD 707. QD 360. 15031 1307D TD 1161 QD 391. QDC 687. QC 295. *
 * 15031 1307CD TCD 1158 QCD 734. QC 346. QD 388. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1307CD	194.	391.	333.	734.	1	2140.	0.05610	0.00	0.00	0.	40	0	B98	0.00
15031 1308C	95.	110.	428.	751.	1	3500.	0.05140	0.00	0.00	0.	70	13	B98	0.00
15031 1309C	69.	172.	497.	655.	0	0.	0.00000	0.00	0.00	0.	50	10	B98	0.00
15031 1310E	91.	160.	91.	160.	0	0.	0.00000	0.00	0.00	0.	50	17	B98	0.00
15031 1311E	80.	86.	171.	245.	1	1180.	0.08050	0.00	0.00	0.	70	14	B98	0.00
15031 1312E	72.	126.	243.	361.	1	2040.	0.07360	0.00	0.00	0.	50	17	B98	0.00
15031 1313E	60.	115.	303.	437.	0	0.	0.00000	0.00	0.00	0.	50	15	B98	0.00
15031 1314E	51.	119.	354.	507.	1	880.	0.05680	0.00	0.00	0.	50	11	B98	0.00
15031 1315E	40.	60.	394.	509.	0	0.	0.00000	0.00	0.00	0.	70	10	B98	0.00

CONFLUENCE Q' S
 * 15031 1316C TC 1168 QC 655. QCE 1053. QE 398. 15031 1316E TE 1161 QE 509. QEC 974. QC 465. *
 * 15031 1316CE TCE 1166 QCE 1070. QC 626. QE 445. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1316CE	394.	509.	891.	1070.	1	2600.	0.05580	0.00	0.00	0.	30	0	B98	0.00
15031 1317C	56.	105.	947.	1045.	0	0.	0.00000	0.00	0.00	0.	60	11	B98	0.00

CONFLUENCE Q' S
 * 15031 1318B TB 1181 QB 4356. QBC 5007. QC 652. 15031 1318C TC 1170 QC 1045. QCB 5060. QB 4015. *
 * 15031 1318BC TBC 1173 QBC 5151. QB 4148. QC 1002. *

CALLEGUA. 990														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1318BC	947.	1045.	6408.	5151.	5	1600.	0.02810	174.00	5.00	0.	10	0	B98	0.00
15031 1319B	74.	112.	6482.	5142.	0	0.	0.00000	0.00	0.00	0.	60	15	B98	0.00
15031 1320E	62.	213.	62.	213.	1	2440.	0.07380	0.00	0.00	0.	10	9	B98	0.00
15031 1321E	38.	131.	100.	270.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.00

 * CONFLUENCE Q'S *
 * 15031 1322B TB 1176 QB 5142. QBE 5200. QE 57. 15031 1322E TE 1160 QE 270. QEB 3180. QB 2910. *
 * 15031 1322BE TBE 1176 QBE 5200. QB 5142. QE 57. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1322BE	100.	270.	6582.	5200.	5	2660.	0.02820	175.00	5.00	0.	40	0	B98	0.00
15031 1323B	97.	140.	6679.	5174.	5	1700.	0.02650	175.00	5.00	0.	60	16	B98	0.00
15031 1324B	83.	146.	6762.	5165.	0	0.	0.00000	0.00	0.00	0.	50	17	B98	0.00
15031 1325B	40.	80.	6802.	5175.	0	0.	0.00000	0.00	0.00	0.	20	20	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

STORM DAY 4														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1326B	30.	25.	6832.	5175.	5	1360.	0.01840	175.00	5.00	0.	70	17	B98	0.00
15031 1327B	74.	89.	6906.	5168.	5	2200.	0.02500	175.00	5.00	0.	70	13	B98	0.03
15031 1328B	60.	55.	6966.	5150.	5	520.	0.02880	175.00	5.00	0.	70	16	B98	0.00
15031 1329B	75.	104.	7041.	5148.	5	2400.	0.02080	175.00	5.00	0.	60	17	B98	0.00
15031 1330B	78.	65.	7119.	5122.	0	0.	0.00000	0.00	0.00	0.	70	17	B98	0.00
15031 1331F	56.	112.	56.	112.	1	2900.	0.02590	0.00	0.00	0.	40	16	B98	0.00
15031 1332F	86.	165.	142.	193.	0	0.	0.00000	0.00	0.00	0.	40	17	B98	0.00

 * CONFLUENCE Q'S *
 * 15031 1333B TB 1195 QB 5122. QBF 5146. QF 24. 15031 1333F TF 1164 QF 193. QFB 1450. QB 1258. *
 * 15031 1333BF TBF 1195 QBF 5146. QB 5122. QF 24. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1333BF	142.	193.	7261.	5146.	5	250.	0.02360	8.00	1.50	0.	40	0	B98	0.00
15031 1334B	19.	54.	7280.	5152.	5	1250.	0.02360	8.00	1.50	0.	10	13	B98	0.18
15031 1335B	95.	268.	7375.	5176.	5	600.	0.01900	8.00	1.50	0.	10	13	B98	0.13
15031 1336B	57.	143.	7432.	5193.	0	0.	0.00000	0.00	0.00	0.	10	16	B98	0.10
15031 1337B	49.	127.	7481.	5208.	0	0.	0.00000	0.00	0.00	0.	10	15	B98	0.07
15031 1338B	72.	89.	7553.	5217.	5	624.	0.02800	16.00	0.00	0.	70	17	B98	0.23
15031 1339B	0.	0.	7553.	5215.	5	581.	0.02010	13.00	0.00	0.	70	99	B98	0.00
15031 1340B	0.	0.	7553.	5215.	5	803.	0.01950	13.00	0.00	0.	70	99	B98	0.00
15031 1341B	0.	0.	7553.	5213.	5	282.	0.01950	13.00	0.00	0.	70	99	B98	0.00
15031 1342B	0.	0.	7553.	5213.	5	755.	0.01550	13.00	0.00	0.	70	99	B98	0.00
15031 1343B	36.	57.	7589.	5218.	0	0.	0.00000	0.00	0.00	0.	60	15	A97	0.40

 * CONFLUENCE Q'S *
 * 15031 1344A TA 1192 QA 36130. QAB 40897. QB 4767. 15031 1344B TB 1199 QB 5218. QBA 40738. QA 35520. *
 * 15031 1344AB TAB 1195 QAB 41092. QA 35992. QB 5100. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1344AB	7589.	5218.	72423.	41092.	5	2700.	0.00800	148.00	0.00	0.	10	0	A97	0.00
15031 1345A	0.	0.	72423.	41035.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 1346A	49.	94.	72472.	41039.	0	0.	0.00000	0.00	0.00	0.	20	15	A97	0.15
15031 1347A	77.	103.	72549.	41048.	0	0.	0.00000	0.00	0.00	0.	70	10	A97	0.25
15031 1348A	0.	0.	72549.	41048.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 1349A	0.	0.	72549.	41048.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

CALLEGUA. 990															
15031	1350B	62.	155.	62.	155.	1	1100.	0.05910	0.00	0.00	0.	10	16	B98	0.07
15031	1351B	68.	183.	130.	318.	1	3500.	0.03570	0.00	0.00	0.	30	11	B98	0.00
15031	1352B	0.	0.	130.	255.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031	1353B	56.	160.	186.	280.	1	1100.	0.03180	0.00	0.00	0.	30	10	B98	0.00
15031	1354B	31.	74.	217.	316.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.00
15031	1355C	65.	161.	65.	161.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1356B TB 1160 QB 316. QBC 463. QC 146. 15031 1356C TC 1154 QC 161. QCB 402. QB 242. *
 * 15031 1356BC TBC 1160 QBC 463. QB 316. QC 146. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	-------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK.W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	1356BC	65.	161.	282.	463.	2	1200.	0.01830	0.00	0.00	0.	20	0	B98	0.00
15031	1357B	22.	66.	304.	496.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.00
15031	1358D	42.	114.	42.	114.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00
15031	1359D	0.	0.	42.	114.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1360B TB 1160 QB 496. QBD 596. QD 100. 15031 1360D TD 1154 QD 114. QDB 480. QB 366. *
 * 15031 1360BD TBD 1160 QBD 596. QB 496. QD 100. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	1360BD	42.	114.	346.	596.	4	1300.	0.04310	5.25	0.00	0.	20	0	B98	0.00
15031	1361B	11.	38.	357.	595.	0	0.	0.00000	0.00	0.00	0.	30	5	A97	0.27

 * CONFLUENCE Q' S *
 * 15031 1362A TA 1197 QA 41048. QAB 41176. QB 128. 15031 1362B TB 1160 QB 595. QBA 20879. QA 20284. *
 * 15031 1362AB TAB 1197 QAB 41176. QA 41048. QB 128. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	1362AB	357.	595.	72906.	41176.	5	2700.	0.00700	100.00	2.00	0.	10	0	A97	0.00
15031	1363A	0.	0.	72906.	41156.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1364A	0.	0.	72906.	41156.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1365A	0.	0.	72906.	41156.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1366B	0.	0.	0.	595.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1367B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1368B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1369B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1370B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1371B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1372B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1373B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1374B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1375B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1376B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1377B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1378B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1379B	53.	116.	53.	116.	3	640.	0.03100	0.00	0.00	0.	10	13	A97	0.00
15031	1380B	58.	132.	111.	241.	0	0.	0.00000	0.00	0.00	0.	10	12	A97	0.00
15031	1381B	26.	62.	137.	301.	3	1130.	0.10600	0.00	0.00	0.	10	11	A97	0.00
15031	1382B	11.	26.	148.	319.	0	0.	0.00000	0.00	0.00	0.	10	11	A97	0.00
15031	1383B	61.	126.	209.	436.	0	0.	0.00000	0.00	0.00	0.	20	12	A97	0.00

CALLEGUA. 990															
15031	1384B	0.	0.	209.	436.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1385B	10.	24.	219.	458.	0	0.	0.00000	0.00	0.00	0.	10	11	A97	0.00
15031	1386B	42.	96.	261.	544.	4	2250.	0.04000	5.00	0.00	0.	20	10	A97	0.00
15031	1387B	38.	90.	299.	619.	0	0.	0.00000	0.00	0.00	0.	20	9	A97	0.00
15031	1388B	70.	145.	369.	745.	4	4100.	0.02340	6.25	0.00	0.	20	12	A97	0.00
15031	1389B	130.	269.	499.	941.	0	0.	0.00000	0.00	0.00	0.	20	12	A97	0.00
15031	1390B	0.	0.	499.	941.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1391B	74.	165.	573.	1053.	0	0.	0.00000	0.00	0.00	0.	50	10	A97	0.50

VENTURA COUNTY FLOOD CONTROL DISTRICT														
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952														
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA	Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	DAY 4 PCT IMPV
15031	1392B	0.	573.	1053.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1393B	0.	573.	1053.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1394C	53.	53.	128.	0	0.	0.00000	0.00	0.00	0.	20	9	A97	0.15
15031	1395C	31.	84.	218.	3	870.	0.11500	0.00	0.00	0.	10	7	A97	0.35
15031	1396C	0.	84.	213.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1397C	33.	117.	292.	4	3570.	0.02690	4.25	0.00	0.	10	10	A97	0.15
15031	1398C	0.	117.	273.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1399C	84.	201.	435.	0	0.	0.00000	0.00	0.00	0.	30	11	A97	0.35
15031	1400BC	201.	774.	1487.	5	500.	0.01000	12.00	0.00	0.	10	0	A97	0.00
15031	1401AC	0.	72906.	41156.	5	1450.	0.00700	100.00	1.50	0.	10	0	A97	0.00
15031	1402A	0.	72906.	41132.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1403A	10.	72916.	41133.	0	0.	0.00000	0.00	0.00	0.	70	6	A97	0.30
15031	1404A	0.	72916.	41133.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1405A	77.	72993.	41148.	5	1185.	0.00510	100.00	2.00	0.	10	13	A97	0.12
15031	1406B	0.	774.	1480.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1407B	0.	774.	1480.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1408B	0.	774.	1480.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1409B	0.	774.	1480.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1410B	0.	774.	1480.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1411B	0.	774.	1480.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1412B	0.	774.	1480.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1413B	0.	774.	1480.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1414B	66.	840.	1598.	4	1400.	0.04640	7.25	0.00	0.	40	12	B98	0.05
15031	1415B	33.	873.	1647.	4	2100.	0.03330	8.00	0.00	0.	20	10	B98	0.00
15031	1416B	25.	898.	1642.	4	350.	0.03410	7.75	0.00	0.	30	8	A97	0.05
15031	1417B	30.	928.	1688.	5	870.	0.00800	13.00	0.00	0.	30	12	A97	0.23
15031	1418B	10.	938.	1692.	0	0.	0.00000	0.00	0.00	0.	40	11	A97	0.70
15031	1419C	19.	19.	38.	3	500.	0.00200	0.00	0.00	0.	70	11	A97	0.70
15031	1420BC	19.	957.	1725.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00
15031	1421B	9.	966.	1738.	5	470.	0.00400	15.00	0.00	0.	70	12	A97	0.70
15031	1422B	18.	984.	1741.	5	430.	0.00500	15.00	0.00	0.	70	11	A97	0.35
15031	1423B	10.	994.	1744.	5	650.	0.00300	15.00	0.00	0.	70	11	A97	0.35
15031	1424B	0.	994.	1740.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1425B	13.	1007.	1744.	5	470.	0.02600	11.00	0.00	0.	70	9	A97	0.35
15031	1426B	0.	1007.	1744.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1427AB	1007.	74000.	41296.	5	1050.	0.01000	115.00	2.00	0.	10	0	A97	0.00
15031	1428A	32.	74032.	41291.	0	0.	0.00000	0.00	0.00	0.	10	8	A97	0.23
15031	1429A	0.	74032.	41291.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1430A	22.	74054.	41295.	5	700.	0.01000	90.00	2.00	0.	70	11	A97	0.43
15031	1431B	0.	0.	1744.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1432B	11.	11.	24.	3	400.	0.00400	0.00	0.00	0.	40	10	A97	0.25
15031	1433B	17.	28.	51.	3	470.	0.00400	0.00	0.00	0.	40	12	A97	0.25
15031	1434B	12.	40.	71.	3	800.	0.00600	0.00	0.00	0.	40	10	A97	0.25
15031	1435B	22.	62.	76.	3	1800.	0.00600	0.00	0.00	0.	70	10	A97	0.25
15031	1436B	23.	85.	63.	0	0.	0.00000	0.00	0.00	0.	70	12	A97	0.15
15031	1437AB	85.	74139.	41305.	5	720.	0.01000	100.00	2.00	0.	10	0	A97	0.00
15031	1438B	0.	0.	63.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

CALLEGUA. 990															
15031	1439B	27.	50.	27.	50.	3	1100.	0.00500	0.00	0.00	0.	40	14	A97	0.30
15031	1440B	20.	41.	47.	73.	4	1800.	0.00400	3.75	0.00	0.	40	11	A97	0.25
15031	1441B	26.	37.	73.	88.	0	0.	0.00000	0.00	0.00	0.	70	11	A97	0.35

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT	
AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME		ZONE	IMPV		
15031	1442AB	73.	88.	74212.	41308.	5	550.	0.07000	100.00	2.00	0.	10	0	A97	0.00
15031	1443A	33.	90.	74245.	41312.	5	550.	0.07000	100.00	2.00	0.	10	8	A97	0.20
15031	1444B	11.	11.	11.	11.	3	950.	0.00500	0.00	0.00	0.	70	11	A97	0.10
15031	1445B	25.	40.	36.	41.	0	0.	0.00000	0.00	0.00	0.	70	12	A97	0.50
15031	1446AB	36.	41.	74281.	41318.	5	1000.	0.00500	100.00	2.00	0.	10	0	A97	0.00
15031	1447A	0.	0.	74281.	41305.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1448B	10.	23.	10.	23.	3	600.	0.00500	0.00	0.00	0.	40	9	A97	0.40
15031	1449B	20.	34.	30.	50.	0	0.	0.00000	0.00	0.00	0.	70	9	A97	0.40
15031	1450AB	30.	50.	74311.	41310.	5	1050.	0.00400	80.00	2.00	0.	10	0	A97	0.00
15031	1451A	0.	0.	74311.	41290.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1452B	0.	0.	0.	50.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1453B	16.	38.	16.	38.	3	650.	0.00600	0.00	0.00	0.	40	8	A97	0.30
15031	1454B	8.	17.	24.	48.	3	550.	0.00800	0.00	0.00	0.	40	10	A97	0.15
15031	1455B	16.	39.	40.	75.	4	550.	0.00200	4.25	0.00	0.	40	10	A97	0.70
15031	1456B	0.	0.	40.	72.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1457B	15.	37.	55.	101.	4	700.	0.00200	4.75	0.00	0.	40	10	A97	0.70
15031	1458B	18.	36.	73.	128.	0	0.	0.00000	0.00	0.00	0.	70	11	A97	0.70
15031	1459C	26.	52.	26.	52.	3	700.	0.00200	0.00	0.00	0.	40	12	A97	0.30
15031	1460C	20.	43.	46.	77.	3	1000.	0.00600	0.00	0.00	0.	40	10	A97	0.25
15031	1461BC	46.	67.	119.	185.	4	700.	0.00500	6.00	0.00	0.	10	0	A97	0.00
15031	1462B	38.	65.	157.	236.	4	950.	0.00200	6.50	0.00	0.	40	16	A97	0.25
15031	1463B	22.	20.	179.	233.	0	0.	0.00000	0.00	0.00	0.	70	11	A97	0.05

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT	
AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME		ZONE	IMPV		

* CONFLUENCE Q' S *															
* 15031	1464A	TA 1208	QA 41290.	QAB 41322.	QB 32.	15031	1464B	TB 1166	QB 32.	233.	QBA	20408.	QA	20175.	

15031	1464AB	TAB 1208	QAB 41322.	QA 41290.	QB 32.										
15031	1464AB	TAB 1208	QAB 41322.	QA 41290.	QB 32.										
15031	1464AB	TAB 1208	QAB 41322.	QA 41290.	QB 32.										
15031	1465B	0.	0.	0.	233.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1466B	25.	16.	25.	16.	3	1200.	0.00300	0.00	0.00	0.	70	13	A97	0.00
15031	1467B	45.	30.	70.	31.	3	1450.	0.01000	0.00	0.00	0.	70	14	A97	0.05
15031	1468B	30.	25.	100.	33.	0	0.	0.00000	0.00	0.00	0.	70	14	A97	0.15
15031	1469AB	100.	33.	74590.	41299.	5	390.	0.00300	80.00	2.00	0.	10	0	A97	0.00
15031	1470A	52.	46.	74642.	41298.	5	1080.	0.00700	80.00	2.00	0.	70	15	A97	0.20
15031	1471A	45.	49.	74687.	41287.	0	0.	0.00000	0.00	0.00	0.	70	13	A97	0.25
15031	1472A	24.	22.	74711.	41289.	5	840.	0.00400	80.00	2.00	0.	70	14	A97	0.20
15031	1473A	48.	46.	74759.	41281.	5	1250.	0.00400	80.00	2.00	0.	70	14	A97	0.21
15031	1474A	44.	51.	74803.	41267.	0	0.	0.00000	0.00	0.00	0.	70	11	A97	0.20
15031	1475A	0.	0.	74803.	41267.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1476A	0.	0.	74803.	41267.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1477B	33.	39.	33.	39.	3	2050.	0.00500	0.00	0.00	0.	70	12	A97	0.27
15031	1478B	42.	49.	75.	57.	0	0.	0.00000	0.00	0.00	0.	70	12	A97	0.25
15031	1479AB	75.	57.	74878.	41277.	5	2360.	0.01000	70.00	1.50	0.	10	0	A97	0.00
15031	1480A	27.	56.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	20	12	A97	0.00

CALLEGUA. 990															
15031	1481A	0.	0.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1482A	0.	0.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1483A	0.	0.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1484A	0.	0.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1485A	0.	0.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1486A	0.	0.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1487A	0.	0.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1488A	0.	0.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1489A	0.	0.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1490A	0.	0.	74905.	41247.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1491B	0.	0.	0.	57.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1492B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1493B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1494B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1495B	57.	144.	57.	144.	4	1350.	0.01300	3.75	0.00	0.	10	10	A97	0.27
15031	1496B	21.	47.	78.	183.	0	0.	0.00000	0.00	0.00	0.	40	8	A97	0.13
15031	1497C	0.	0.	0.	67.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1498C	100.	262.	100.	262.	4	1300.	0.01360	4.75	0.00	0.	10	9	A97	0.27
15031	1499C	0.	0.	100.	253.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1500C	98.	254.	198.	493.	0	0.	0.00000	0.00	0.00	0.	10	9	A97	0.15

* CONFLUENCE Q' S *
* 15031 1501B TB 1158 QB 183. QBC 666. QC 482. 15031 1501C TC 1155 QC 493. QCB 663. QB 170. *
* 15031 1501BC TBC 1156 QBC 671. QB 178. QC 493. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LN GTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LN GTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1501BC	198.	493.	276.	671.	4	1742.	0.00820	7.25	0.00	0.	10	0	A97	0.00
15031	1502B	24.	59.	300.	699.	0	0.	0.00000	0.00	0.00	0.	30	8	A97	0.23
15031	1503B	37.	83.	337.	772.	5	1859.	0.01030	10.00	0.00	0.	30	10	A97	0.23
15031	1504B	61.	142.	398.	829.	5	214.	0.03710	12.00	0.00	0.	40	8	A97	0.23
15031	1505D	62.	143.	62.	143.	4	900.	0.03920	3.25	0.00	0.	20	10	A97	0.09
15031	1506D	77.	192.	139.	330.	4	921.	0.05200	4.00	0.00	0.	10	10	A97	0.07
15031	1507D	33.	87.	172.	412.	4	520.	0.02130	5.25	0.00	0.	30	7	A97	0.23
15031	1508D	0.	0.	172.	410.	0	0.	0.00000	0.00	0.00	0.	20	99	A97	0.00
15031	1509B	0.	0.	398.	826.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1510E	87.	210.	87.	210.	4	2400.	0.01300	4.50	0.00	0.	10	11	A97	0.23
15031	1511E	67.	158.	154.	336.	0	0.	0.00000	0.00	0.00	0.	20	10	A97	0.23

* CONFLUENCE Q' S *
* 15031 1512B TB 1159 QB 826. QBE 1161. QE 335. 15031 1512E TE 1160 QE 336. QEB 1144. QB 808. *
* 15031 1512BE TBE 1159 QBE 1161. QB 826. QE 335. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LN GTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1512BE	154.	336.	552.	1161.	5	80.	0.02450	12.00	0.00	0.	20	0	A97	0.00

* CONFLUENCE Q' S *
* 15031 1513B TB 1159 QB 1160. QBD 1527. QD 367. 15031 1513D TD 1157 QD 410. QDB 1472. QB 1062. *
* 15031 1513BD TBD 1159 QBD 1527. QB 1160. QD 367. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LN GTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1513BD	172.	410.	724.	1527.	5	777.	0.01050	14.00	0.00	0.	20	0	A97	0.00
15031	1514B	77.	212.	801.	1663.	5	1154.	0.00821	14.00	0.00	0.	20	7	A97	0.23

CALLEGUA. 990															
15031	1515B	54.	137.	855.	1746.	5	1400.	0.00850	14.00	0.00	0.	20	8	A97	0.16
15031	1516D	84.	179.	84.	179.	4	1405.	0.03100	3.50	0.00	0.	10	14	A97	0.03
15031	1517D	41.	86.	125.	259.	4	1591.	0.04640	3.75	0.00	0.	20	12	A97	0.05
15031	1518D	57.	146.	182.	399.	4	1016.	0.01730	5.25	0.00	0.	20	8	A97	0.23
15031	1519D	33.	91.	215.	461.	4	1122.	0.00611	6.75	0.00	0.	20	7	A97	0.23
15031	1520D	19.	53.	234.	473.	0	0.	0.00000	0.00	0.00	0.	30	7	A97	0.50
15031	1521E	87.	190.	87.	190.	4	240.	0.04270	3.50	0.00	0.	20	11	A97	0.03
15031	1522F	66.	133.	66.	133.	4	674.	0.05710	2.75	0.00	0.	20	13	A97	0.05
15031	1523F	19.	43.	85.	175.	4	550.	0.04000	3.25	0.00	0.	20	10	A97	0.02

* CONFLUENCE Q' S *
* 15031 1524E TE 1155 QE 189. QEF 361. QF 171. 15031 1524F TF 1156 QF 174. QFE 358. QE 184. *
* 15031 1524EF TEF 1155 QEF 361. QE 189. QF 171. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	1524EF	85.	174.	172.	361.	4	1035.	0.05370	4.25	0.00	0.	20	0	A97	0.00
15031	1525E	83.	187.	255.	533.	4	1080.	0.02190	5.50	0.00	0.	30	10	A97	0.23

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

* CONFLUENCE Q' S *
* 15031 1526D TD 1158 QD 473. QDE 999. QE 525. 15031 1526E TE 1158 QE 525. QED 999. QD 473. *
* 15031 1526DE TDE 1158 QDE 999. QD 473. QE 525. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	1526DE	255.	525.	489.	999.	5	363.	0.00340	13.00	0.00	0.	20	0	A97	0.00

* CONFLUENCE Q' S *
* 15031 1527B TB 1160 QB 1709. QBD 2691. QD 982. 15031 1527D TD 1159 QD 993. QDB 2650. QB 1657. *
* 15031 1527BD TBD 1160 QBD 2691. QB 1709. QD 982. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	1527BD	489.	993.	1344.	2691.	5	1215.	0.00400	10.00	4.00	0.	30	0	A97	0.00
15031	1528B	16.	43.	1360.	2524.	0	0.	0.00000	0.00	0.00	0.	30	7	A97	0.40
15031	1529B	20.	55.	1380.	2534.	5	985.	0.00379	10.00	4.00	0.	20	7	A97	0.23
15031	1530C	37.	90.	37.	90.	4	500.	0.03740	2.75	0.00	0.	30	8	A97	0.20

* CONFLUENCE Q' S *
* 15031 1531B TB 1169 QB 2433. QBC 2445. QC 12. 15031 1531C TC 1154 QC 89. QCB 1119. QB 1029. *
* 15031 1531BC TBC 1169 QBC 2445. QB 2433. QC 12. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	1531BC	37.	89.	1417.	2445.	5	400.	0.00825	10.00	9.00	0.	10	0	A97	0.00
15031	1532B	53.	145.	1470.	2460.	0	0.	0.00000	0.00	0.00	0.	10	8	A97	0.23
15031	1533D	61.	128.	61.	128.	4	300.	0.00667	4.25	0.00	0.	20	12	A97	0.06
15031	1534D	88.	171.	149.	299.	4	400.	0.00667	5.75	0.00	0.	20	14	A97	0.05

* CONFLUENCE Q' S *
* 15031 1535B TB 1170 QB 2460. QBD 2524. QD 64. 15031 1535D TD 1156 QD 297. QDB 1602. QB 1304. *
* 15031 1535BD TBD 1169 QBD 2525. QB 2453. QD 73. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----------	----------	------

CALLEGUA. 990

15031 1535BD	149.	297.	1619.	2525.	0	0.	0.0000	0.00	0.00	0.	20	0	A97	0.00
--------------	------	------	-------	-------	---	----	--------	------	------	----	----	---	-----	------

HYDROGRAPH FATTENED AT 1535BD

* INCOMING HYDROGRAPH PEAK	=	2525.49	INCOMING HYDROGRAPH VOLUME	=	273.48 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR	=	0.90640	RUNOFF FACTOR	=	3.90 IN.
* ADJUSTED HYDROGRAPH PEAK	=	2289.11	ADJUSTED HYDROGRAPH VOLUME	=	247.89 AC. FT.
* ADJ/FATTENED HYDROGRAPH PEAK	=	2289.11	ADJ/FATTENED HYDROGRAPH VOLUME	=	525.94 AC. FT.

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

STORM DAY 4

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT	
LOCATION	SUBAREA	SUBAREA	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
AREA	Q	AREA	Q									

RESERVOIR ROUTING AT 1535BD

* INCOMING HYDROGRAPH PEAK	=	2289.11	INCOMING HYDROGRAPH VOLUME	=	525.94 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR	=	0.90640			
* RESERVOIR INFLOW PEAK	=	2289.11	TIME OF PEAK	=	1169
* MAXIMUM ELEVATION	=	471.31	TIME	=	1186
* SPOILED FROM 1172 TO 1237 FOR	66	MINUTES			
* RESERVOIR OUTFLOW PEAK	=	1486.17	TIME OF PEAK	=	1186
			VOLUME UNDER OUTFLOW HYDROGRAPH	=	501.17 AC. FT.

15031 1535BD	0.	297.	1619.	1486.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031 1536B	0.	0.	1619.	1486.	5	756.	0.00410	12.00	0.00	0.	30	99	A97	0.00
15031 1537B	45.	133.	1664.	1488.	0	0.	0.00000	0.00	0.00	0.	30	6	A97	0.20
15031 1538B	0.	0.	1664.	1488.	0	0.	0.00000	0.00	0.00	0.	30	99	A97	0.00
15031 1539B	0.	0.	1664.	1488.	0	0.	0.00000	0.00	0.00	0.	30	99	A97	0.00
15031 1540B	0.	0.	1664.	1488.	0	0.	0.00000	0.00	0.00	0.	30	99	A97	0.00
15031 1541D	0.	0.	0.	297.	0	0.	0.00000	0.00	0.00	0.	30	99	A97	0.00
15031 1542D	86.	143.	86.	143.	1	1300.	0.03100	0.00	0.00	0.	10	23	A97	0.05
15031 1543D	66.	92.	152.	224.	1	600.	0.01700	0.00	0.00	0.	30	23	A97	0.05
15031 1544D	71.	106.	223.	315.	1	700.	0.04300	0.00	0.00	0.	30	20	A97	0.05
15031 1545D	75.	150.	298.	432.	0	0.	0.00000	0.00	0.00	0.	10	16	A97	0.05
15031 1546D	84.	133.	382.	556.	1	1100.	0.00900	0.00	0.00	0.	20	21	A97	0.08
15031 1547D	44.	91.	426.	607.	0	0.	0.00000	0.00	0.00	0.	10	15	A97	0.08
15031 1548D	92.	168.	518.	739.	2	500.	0.02000	0.00	0.00	0.	20	16	A97	0.08
15031 1549D	58.	96.	576.	810.	2	2100.	0.00480	0.00	0.00	0.	30	17	A97	0.08
15031 1550D	60.	99.	636.	836.	0	0.	0.00000	0.00	0.00	0.	20	19	A97	0.06
15031 1551D	0.	0.	636.	836.	0	0.	0.00000	0.00	0.00	0.	20	99	A97	0.00
15031 1552E	60.	104.	60.	104.	1	2000.	0.04500	0.00	0.00	0.	10	21	A97	0.06
15031 1553E	36.	63.	96.	148.	0	0.	0.00000	0.00	0.00	0.	20	17	A97	0.07

CONFLUENCE Q'S

* 15031 1554D TD 1170 QD	836. QDE	951. QE	115.	15031 1554E TE 1163 QE	148. QED	857. QD	710.
	15031 1554DE TDE 1168 QDE	959. QD	819. QE	140.			

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT	
AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
15031 1554DE	96.	148.	732.	959.	2	1000.	0.02500	0.00	0.00	0.	20	0	A97	0.00
15031 1555D	53.	78.	785.	1015.	4	60000.	2.50000	3.00	0.00	0.	20	24	A97	0.08

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

STORM DAY 4

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT	
LOCATION	SUBAREA	SUBAREA	TYPE	LNGLTH	SLOPE	SIZE	Q	NAME	TC	ZONE	IMPV
AREA	Q	AREA	Q								

CONFLUENCE Q'S

* 15031 1556B TB 1187 QB	1488. QBD	2305. QD	817.	15031 1556D TD 1179 QD	956. QDB	2120. QB	1164.
	15031 1556BD TBD 1184 QBD	2345. QB	1457. QD	889.			

CALLEGUA. 990

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1556BD	785.	956.	2449.	2345.	2	2150.	0.01400	0.00	0.00	0.	20	0	A97	0.00
15031 1557B	78.	187.	2527.	2330.	0	0.	0.00000	0.00	0.00	0.	20	9	A97	0.10
15031 1558AB	2527.	2330.	77432.	42572.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00
15031 1559A	0.	0.	77432.	42572.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 1560A	0.	0.	77432.	42572.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 1561B	94.	228.	94.	228.	4	2400.	0.03330	3.75	0.00	0.	10	17	B98	0.15
15031 1562B	46.	125.	140.	343.	5	350.	0.02000	2.00	2.00	0.	10	14	B98	0.15
15031 1563B	53.	153.	193.	480.	5	475.	0.00840	3.00	2.00	0.	20	11	B98	0.05
15031 1564B	86.	206.	279.	673.	5	3200.	0.02500	8.00	0.00	0.	20	15	B98	0.05
15031 1565B	59.	174.	338.	768.	5	1400.	0.02290	8.00	0.00	0.	30	10	B98	0.15
15031 1566B	52.	152.	390.	855.	5	2080.	0.02950	7.00	0.00	0.	30	10	B98	0.10
15031 1567B	49.	146.	439.	940.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.23
15031 1568C	92.	230.	92.	230.	1	2400.	0.03500	0.00	0.00	0.	30	13	B98	0.15
15031 1569C	62.	150.	154.	298.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.05
15031 1570D	52.	142.	52.	142.	1	1400.	0.07140	0.00	0.00	0.	40	10	B98	0.05
15031 1571D	0.	0.	52.	131.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1572CD	52.	131.	206.	429.	4	2300.	0.01830	5.25	0.00	0.	20	0	B98	0.00
15031 1573C	64.	150.	270.	539.	0	0.	0.00000	0.00	0.00	0.	20	16	B98	0.15

CONFLUENCE Q' S

* 15031 1574B	TB 1161 QB	940. QBC	1469. QC	529.	15031 1574C	TC 1163 QC	539. QCB	1407. QB	868.
* 15031 1574BC	TBC 1161 QBC	1469. QB	940. QC	529.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1574BC	270.	539.	709.	1469.	5	1163.	0.03560	10.00	0.00	0.	20	0	B98	0.00
15031 1575B	0.	0.	709.	1457.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1576B	0.	0.	709.	1457.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1577D	38.	111.	38.	111.	3	1200.	0.07500	0.00	0.00	0.	20	11	B98	0.15
15031 1578D	18.	43.	56.	144.	3	1100.	0.01800	0.00	0.00	0.	20	10	A97	0.25
15031 1579D	19.	52.	75.	145.	0	0.	0.00000	0.00	0.00	0.	50	6	A97	0.30
15031 1580E	11.	30.	11.	30.	3	800.	0.01250	0.00	0.00	0.	50	6	A97	0.30
15031 1581E	7.	23.	18.	41.	0	0.	0.00000	0.00	0.00	0.	10	6	A97	0.30

CONFLUENCE Q' S

* 15031 1582D	TD 1157 QD	145. QDE	186. QE	41.	15031 1582E	TE 1156 QE	41. QED	181. QD	140.
* 15031 1582DE	TDE 1157 QDE	186. QD	145. QE	41.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1582DE	18.	41.	93.	186.	4	400.	0.01300	4.25	0.00	0.	30	0	B98	0.00
15031 1583F	13.	34.	13.	34.	3	900.	0.01100	0.00	0.00	0.	40	8	A97	0.70
15031 1584F	11.	28.	24.	55.	0	0.	0.00000	0.00	0.00	0.	40	9	A97	0.70

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1585D	TD 1157 QD	181. QDF	232. QF	51.	15031 1585F	TF 1159 QF	55. QFD	225. QD	170.					
15031 1585DF	TDF 1158 QDF	233. QD	179. QF	53.										

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1585DF	24.	55.	117.	233.	4	850.	0.00900	5.00	0.00	0.	40	0	A97	0.00
15031 1586E	27.	75.	27.	75.	0	0.	0.00000	0.00	0.00	0.	50	11	B98	0.50

CALLEGUA. 990

15031	1587DE	27.	75.	144.	296.	0	0.	0.00000	0.00	0.00	0.	50	0	B98	0.00	

CONFLUENCE Q' S																
*	15031	1588B	TB 1162 QB	1457. QBD	1722. QD	266.	15031	1588D	TD 1159 QD	296. QDB	1669. QB	1373.				
*	*****															
*	15031	1588BD	TBD 1162 QBD	1722. QB	1457. QD	266.										
*	*****															

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1588BD	144.	296.	853.	1722.	5	1450.	0.00800	13.00	0.00	0.	30	0	B98	0.00
15031	1589B	0.	0.	853.	1713.	0	0.	0.00000	0.00	0.00	0.	50	99	B98	0.00
15031	1590B	46.	90.	899.	1781.	5	800.	0.00700	80.00	0.00	0.	40	12	A97	0.25
15031	1591B	42.	125.	941.	1796.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.23
15031	1592C	30.	93.	30.	93.	1	275.	0.07300	0.00	0.00	0.	20	10	B98	0.15
15031	1593C	49.	115.	79.	207.	1	1850.	0.03800	0.00	0.00	0.	50	12	B98	0.15
15031	1594C	28.	76.	107.	224.	0	0.	0.00000	0.00	0.00	0.	50	10	B98	0.23
15031	1595BC	107.	224.	1048.	1990.	5	2750.	0.00340	5.00	2.00	0.	40	0	B98	0.00
15031	1596B	30.	84.	1078.	1791.	5	750.	0.00540	10.00	2.00	0.	40	10	B98	0.15
15031	1597B	0.	0.	1078.	1779.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	1598C	54.	146.	54.	146.	1	3800.	0.04000	0.00	0.00	0.	40	10	B98	0.00
15031	1599C	71.	180.	125.	195.	1	1700.	0.04120	0.00	0.00	0.	40	11	B98	0.00
15031	1600C	56.	165.	181.	288.	4	1900.	0.03950	4.00	0.00	0.	40	9	B98	0.15
15031	1601C	54.	151.	235.	404.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.15
15031	1602D	86.	226.	86.	226.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.15
15031	1603CD	86.	226.	321.	612.	4	500.	0.01540	6.25	0.00	0.	40	0	B98	0.00
15031	1604E	65.	163.	65.	163.	4	1100.	0.02270	3.75	0.00	0.	40	12	B98	0.18
15031	1605E	82.	195.	147.	356.	0	0.	0.00000	0.00	0.00	0.	50	12	B98	0.20

CONFLUENCE Q' S

*	15031	1606C	TC 1158 QC	610. QCE	952. QE	342.	15031	1606E	TE 1156 QE	356. QEC	954. QC	598.				
*	*****															
*	15031	1606CE	TCE 1157 QCE	957. QC	606. QE	351.										
*	*****															

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1606CE	147.	356.	468.	957.	1	1300.	0.01310	0.00	0.00	0.	50	0	B98	0.00
15031	1607C	0.	0.	468.	908.	0	0.	0.00000	0.00	0.00	0.	50	99	B98	0.00

CONFLUENCE Q' S

*	15031	1608B	TB 1173 QB	1779. QBC	2131. QC	351.	15031	1608C	TC 1162 QC	908. QCB	1902. QB	994.				
*	*****															
*	15031	1608BC	TBC 1169 QBC	2182. QB	1637. QC	545.										
*	*****															

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
----------	--------------	-----------	------------	---------	-----------	-------------	------------	------------	--------	-----------	-----------	----	------------	-----------

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	STORM DAY 4
15031	1608BC	468.	908.	1546.	2182.	5	1350.	0.00510	10.00	0.00	0.	50	0	B98	0.00
15031	1609B	70.	204.	1616.	2204.	5	1275.	0.00470	12.00	0.00	0.	20	11	B98	0.15
15031	1610B	0.	0.	1616.	2200.	0	0.	0.00000	0.00	0.00	0.	20	99	A97	0.00
15031	1611C	0.	0.	0.	908.	0	0.	0.00000	0.00	0.00	0.	40	99	A97	0.00
15031	1612C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	40	99	A97	0.00
15031	1613C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	40	99	A97	0.00
15031	1614C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	40	99	A97	0.00
15031	1615C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	40	99	A97	0.00
15031	1616C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	50	99	A97	0.00
15031	1617C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	40	99	A97	0.00
15031	1618C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	50	99	A97	0.00
15031	1619D	60.	132.	60.	132.	4	900.	0.00490	4.50	0.00	0.	50	12	A97	0.70
15031	1620D	65.	159.	125.	276.	4	1350.	0.00840	5.25	0.00	0.	40	10	A97	0.70

CALLEGUA. 990

15031	1621D	48.	117.	173.	376.	0	0.	0.0000	0.00	0.00	0.	40	10	A97	0.70
-------	-------	-----	------	------	------	---	----	--------	------	------	----	----	----	-----	------

CONFLUENCE Q' S

15031	1622B	TB	1173	QB	2200.	QBD	2295.	QD	95.	15031	1622D	TD	1160	QD	376.	QDB	1870.	QB	1494.	
					15031	1622BD	TBD	1172	QBD	2300.	QB	2197.	QD	102.						

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1622BD	173.	376.	1789.	2300.	5	1730.	0.00470	16.00	0.00	0.	40	0	A97	0.00
15031 1623C	64.	130.	64.	130.	1	2300.	0.06740	0.00	0.00	0.	40	16	B98	0.05
15031 1624C	59.	130.	123.	223.	1	2100.	0.06670	0.00	0.00	0.	40	14	B98	0.05
15031 1625C	48.	87.	171.	285.	1	1250.	0.04800	0.00	0.00	0.	40	19	B98	0.05
15031 1626C	68.	146.	239.	362.	1	1900.	0.05000	0.00	0.00	0.	40	15	B98	0.10
15031 1627C	82.	156.	321.	463.	1	3400.	0.04560	0.00	0.00	0.	40	18	B98	0.10
15031 1628C	113.	199.	434.	539.	1	2225.	0.03150	0.00	0.00	0.	40	21	B98	0.15
15031 1629C	95.	138.	529.	522.	0	0.	0.00000	0.00	0.00	0.	60	19	B98	0.15
15031 1630D	68.	163.	68.	163.	1	3750.	0.06530	0.00	0.00	0.	20	15	B98	0.05
15031 1631D	70.	123.	138.	238.	1	2600.	0.05380	0.00	0.00	0.	40	20	B98	0.05
15031 1632D	56.	87.	194.	286.	0	0.	0.00000	0.00	0.00	0.	50	21	B98	0.05
15031 1633D	0.	0.	194.	286.	0	0.	0.00000	0.00	0.00	0.	50	99	B98	0.00
15031 1634E	96.	168.	96.	168.	1	1700.	0.05880	0.00	0.00	0.	40	20	B98	0.05
15031 1635E	69.	138.	165.	290.	1	2200.	0.03860	0.00	0.00	0.	30	18	B98	0.05
15031 1636E	46.	90.	211.	343.	0	0.	0.00000	0.00	0.00	0.	30	19	B98	0.10
15031 1637DE	211.	343.	405.	621.	4	1600.	0.04000	5.25	0.00	0.	30	0	B98	0.00
15031 1638D	48.	105.	453.	654.	0	0.	0.00000	0.00	0.00	0.	40	15	B98	0.15
15031 1639F	85.	135.	85.	135.	0	0.	0.00000	0.00	0.00	0.	50	22	B98	0.15

CONFLUENCE Q' S

15031	1640D	TD	1166	QD	654.	QDF	775.	QF	121.	15031	1640F	TF	1158	QF	135.	QFD	643.	QD	508.	
					15031	1640DF	TDF	1166	QDF	775.	QD	654.	QF	121.						

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1640DF	85.	135.	538.	775.	1	1700.	0.03530	0.00	0.00	0.	50	0	B98	0.00
15031 1641D	45.	100.	583.	831.	1	1700.	0.03530	0.00	0.00	0.	10	20	B98	0.15
15031 1642D	75.	154.	658.	904.	0	0.	0.00000	0.00	0.00	0.	20	20	B98	0.15
15031 1643E	53.	99.	53.	99.	1	450.	0.08890	0.00	0.00	0.	40	18	B98	0.05

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1644E	0.	0.	53.	99.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031 1645F	69.	134.	69.	134.	1	400.	0.05000	0.00	0.00	0.	20	21	B98	0.05
15031 1646EF	69.	134.	122.	233.	1	1900.	0.04210	0.00	0.00	0.	20	0	B98	0.00
15031 1647E	75.	134.	197.	342.	5	1300.	0.03460	2.00	2.00	0.	40	20	B98	0.10
15031 1648E	32.	64.	229.	394.	0	0.	0.00000	0.00	0.00	0.	20	21	B98	0.15
15031 1649F	59.	123.	59.	123.	5	1600.	0.05000	1.00	2.00	0.	10	22	B98	0.10
15031 1650F	73.	159.	132.	274.	0	0.	0.00000	0.00	0.00	0.	20	18	B98	0.15
15031 1651EF	132.	274.	361.	648.	1	1900.	0.03160	0.00	0.00	0.	20	0	B98	0.00
15031 1652E	101.	228.	462.	787.	5	1350.	0.02220	3.00	2.00	0.	20	17	B98	0.15
15031 1653E	0.	0.	462.	771.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1654E	57.	156.	519.	801.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.05

CONFLUENCE Q' S

15031	1655D	TD	1171	QD	904.	QDE	1661.	QE	758.	15031	1655E	TE	1163	QE	801.	QED	1573.	QD	772.	
					15031	1655DE	TDE	1169	QDE	1691.	QD	897.	QE	794.						

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	-------------	------------	------------	--------	-----------	-----------	----	------------	----------

CALLEGUA. 990															
15031	1655DE	519.	801.	1177.	1691.	5	1900.	0.02370	11.00	0.00	0.	20	0	B98	0.00
15031	1656D	40.	115.	1217.	1691.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.05
15031	1657CD	1217.	1691.	1746.	2213.	2	1500.	0.02600	0.00	0.00	0.	40	0	B98	0.00
15031	1658C	87.	239.	1833.	2223.	2	1950.	0.02560	0.00	0.00	0.	30	11	B98	0.10
15031	1659C	89.	219.	1922.	2224.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.10
15031	1660D	64.	155.	64.	155.	3	750.	0.04530	0.00	0.00	0.	40	12	B98	0.05
15031	1661D	61.	148.	125.	297.	4	1300.	0.02150	4.50	0.00	0.	40	12	B98	0.05
15031	1662D	52.	133.	177.	414.	4	1875.	0.01870	5.25	0.00	0.	40	11	B98	0.05
15031	1663D	52.	133.	229.	516.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.05

 * CONFLUENCE Q' S *
 * 15031 1664C TC 1174 QC 2224. QCD 2287. QD 64. 15031 1664D TD 1159 QD 516. QDC 2249. QC 1733. *
 * 15031 1664CD TCD 1163 QCD 2377. QC 1954. QD 422. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI TC	RAI ZONE	PCT IMPV	
15031	1664CD	229.	516.	2151.	2377.	1	1800.	0.02330	0.00	0.00	0.	40	0	B98	0.00
15031	1665C	68.	177.	2219.	2355.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.10
15031	1666C	44.	114.	2263.	2371.	1	1800.	0.02330	0.00	0.00	0.	40	11	B98	0.10
15031	1667C	86.	211.	2349.	2368.	1	1700.	0.02350	0.00	0.00	0.	40	12	B98	0.10
15031	1668C	71.	174.	2420.	2356.	2	900.	0.02000	0.00	0.00	0.	40	12	B98	0.10
15031	1669C	21.	64.	2441.	2358.	5	100.	0.01750	13.00	0.00	0.	30	9	B98	0.05
15031	1670C	0.	0.	2441.	2358.	5	2120.	0.00980	14.00	0.00	0.	30	99	B98	0.00
15031	1671C	30.	88.	2471.	2360.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.15
15031	1672C	58.	136.	2529.	2365.	5	720.	0.01850	8.00	1.50	0.	50	12	B98	0.15
15031	1673C	42.	77.	2571.	2373.	5	220.	0.01630	8.00	0.00	0.	60	11	A97	0.40

 * CONFLUENCE Q' S *
 * 15031 1674B TB 1174 QB 2295. QBC 4623. QC 2328. 15031 1674C TC 1177 QC 2373. QCB 4636. QB 2263. *
 * 15031 1674BC TBC 1176 QBC 4649. QB 2281. QC 2368. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI TC	RAI ZONE	PCT IMPV	
15031	1674BC	2571.	2373.	4360.	4649.	5	1250.	0.00600	14.00	0.00	0.	60	0	A97	0.00
15031	1675B	25.	64.	4385.	4649.	0	0.	0.00000	0.00	0.00	0.	60	10	B98	0.40
15031	1676D	39.	107.	39.	107.	4	1200.	0.01250	3.50	0.00	0.	20	12	B98	0.10
15031	1677D	0.	0.	39.	105.	0	0.	0.00000	0.00	0.00	0.	20	99	A97	0.00

 * CONFLUENCE Q' S *
 * 15031 1678B TB 1177 QB 4649. QBD 4663. QD 14. 15031 1678D TD 1158 QD 105. QDB 2642. QB 2537. *
 * 15031 1678BD TBD 1177 QBD 4663. QB 4649. QD 14. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI TC	RAI ZONE	PCT IMPV	
15031	1678BD	39.	105.	4424.	4663.	5	3300.	0.00900	19.00	0.00	0.	60	0	A97	0.00

 * CONFLUENCE Q' S *
 * 15031 1679A TA 1216 QA 42572. QAB 44431. QB 1859. 15031 1679B TB 1180 QB 4640. QBA 28857. QA 24216. *
 * 15031 1679AB TAB 1214 QAB 44487. QA 42496. QB 1990. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI TC	RAI ZONE	PCT IMPV	
15031	1679AB	4424.	4640.	81856.	44487.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00
15031	1680A	177.	97.	82033.	44487.	5	1550.	0.00350	100.00	1.50	0.	60	43	A97	0.00
15031	1681A	69.	101.	82102.	44474.	5	1300.	0.00350	100.00	1.50	0.	10	30	A97	0.10

CALLEGUA. 990															
15031	1682A	94.	214.	82196.	44467.	0	0.	0.00000	0.00	0.00	0.	10	12	A97	0.02
15031	1683A	200.	249.	82396.	44467.	2	1800.	0.00590	0.00	0.00	0.	50	20	A97	0.00
15031	1684A	0.	0.	82396.	44448.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1685A	0.	0.	82396.	44448.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1686B	279.	426.	279.	426.	0	0.	0.00000	0.00	0.00	0.	30	27	B98	0.00
15031	1687C	82.	164.	82.	164.	0	0.	0.00000	0.00	0.00	0.	40	16	B98	0.01

 * CONFLUENCE Q' S *
 * 15031 1688B TB 1157 QB 426. QBC 588. QC 162. 15031 1688C TC 1156 QC 164. QCB 589. QB 425. *
 * 15031 1688BC TBC 1156 QBC 589. QB 425. QC 164. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV
15031 1688BC	82.	164.	361.	589.	1	4767.	0.01890	0.00	0.00	0.	30 0	B98	0.00
15031 1689B	170.	242.	531.	672.	1	3298.	0.03490	0.00	0.00	0.	30 30	B98	0.00
15031 1690B	107.	204.	638.	667.	0	0.	0.00000	0.00	0.00	0.	30 20	B98	0.10
15031 1691C	375.	605.	375.	605.	1	2860.	0.03040	0.00	0.00	0.	30 25	B98	0.01
15031 1692C	146.	266.	521.	811.	0	0.	0.00000	0.00	0.00	0.	20 23	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1693B TB 1181 QB 667. QBC 1128. QC 461. 15031 1693C TC 1166 QC 811. QCB 1349. QB 538. *
 * 15031 1693BC TBC 1171 QBC 1370. QB 599. QC 771. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV
15031 1693BC	521.	811.	1159.	1370.	1	8813.	0.02350	0.00	0.00	0.	30 0	B98	0.00
15031 1694B	332.	456.	1491.	1297.	0	0.	0.00000	0.00	0.00	0.	30 32	B98	0.01
15031 1695C	612.	1010.	612.	1010.	1	9354.	0.02960	0.00	0.00	0.	30 24	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV
15031 1696C	369.	549.	981.	1170.	0	0.	0.00000	0.00	0.00	0.	20 32	B98	0.01

 * CONFLUENCE Q' S *
 * 15031 1697B TB 1180 QB 1297. QBC 2458. QC 1161. 15031 1697C TC 1177 QC 1170. QCB 2393. QB 1223. *
 * 15031 1697BC TBC 1180 QBC 2458. QB 1297. QC 1161. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV
15031 1697BC	981.	1170.	2472.	2458.	1	4071.	0.01720	0.00	0.00	0.	30 0	B98	0.00
15031 1698B	162.	232.	2634.	2351.	0	0.	0.00000	0.00	0.00	0.	30 30	B98	0.01
15031 1699C	362.	559.	362.	559.	0	0.	0.00000	0.00	0.00	0.	20 30	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1700B TB 1188 QB 2351. QBC 2447. QC 96. 15031 1700C TC 1160 QC 559. QCB 1756. QB 1198. *
 * 15031 1700BC TBC 1181 QBC 2513. QB 2213. QC 300. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV
15031 1700BC	362.	559.	2996.	2513.	2	5669.	0.01200	0.00	0.00	0.	30 0	B98	0.00
15031 1701B	184.	289.	3180.	2450.	0	0.	0.00000	0.00	0.00	0.	30 26	B98	0.01
15031 1702C	346.	432.	346.	432.	0	0.	0.00000	0.00	0.00	0.	20 44	B98	0.03

 * CONFLUENCE Q' S *
 * 15031 1703B TB 1193 QB 2450. QBC 2707. QC 257. 15031 1703C TC 1164 QC 432. QCB 2053. QB 1622. *
 * 15031 1703BC TBC 1186 QBC 2774. QB 2425. QC 348. *

SUBAREA SUBAREA TOTAL TOTAL CONV CONV CONV CONV CONV CONTROL SOIL RAI N PCT

CALLEGUA. 990														
LOCATION	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 1703BC	346.	432.	3526.	2774.	1	1400.	0.01430	0.00	0.00	0.	30	0	B98	0.00
15031 1704B	335.	461.	3861.	2918.	0	0.	0.00000	0.00	0.00	0.	30	32	B98	0.01

 * CONFLUENCE Q' S *
 * 15031 1705A TA 1219 QA 44448. QAB 46358. QB 1910. 15031 1705B TB 1179 QB 2918. QBA 28291. QA 25373. *
 * 15031 1705AB TAB 1219 QAB 46358. QA 44448. QB 1910. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1705AB	3861.	2918.	86257.	46358.	2	1300.	0.00770	0.00	0.00	0.	30	0	B98	0.00
15031 1706A	81.	120.	86338.	46347.	5	900.	0.00450	200.00	2.00	0.	40	25	B98	0.00
15031 1707A	113.	245.	86451.	46343.	5	1000.	0.00450	200.00	2.00	0.	20	11	A97	0.00
15031 1708A	141.	294.	86592.	46336.	2	2700.	0.01037	0.00	0.00	0.	20	12	A97	0.04
15031 1709A	152.	224.	86744.	46336.	2	800.	0.00625	0.00	0.00	0.	50	28	B98	0.29
15031 1710B	373.	654.	373.	654.	1	9096.	0.01850	0.00	0.00	0.	10	29	B98	0.00
15031 1711B	415.	595.	788.	881.	2	4638.	0.01400	0.00	0.00	0.	20	34	B98	0.00
15031 1712B	393.	717.	1181.	1356.	2	1000.	0.02145	0.00	0.00	0.	20	23	B98	0.01

 VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

 * CONFLUENCE Q' S *
 * 15031 1713A TA 1223 QA 46330. QAB 46801. QB 471. 15031 1713B TB 1167 QB 1355. QBA 22562. QA 21207. *
 * 15031 1713AB TAB 1223 QAB 46801. QA 46330. QB 471. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1713AB	1181.	1355.	87925.	46801.	2	620.	0.06450	0.00	0.00	0.	60	0	B98	0.00
15031 1714A	91.	183.	88016.	46800.	2	600.	0.00560	0.00	0.00	0.	20	13	A97	0.05
15031 1715A	202.	282.	88218.	46792.	2	1100.	0.00910	0.00	0.00	0.	30	22	A97	0.00
15031 1716A	73.	197.	88291.	46783.	2	1000.	0.01000	0.00	0.00	0.	30	11	B98	0.00
15031 1717A	73.	221.	88364.	46781.	2	1000.	0.00700	0.00	0.00	0.	30	9	B98	0.00
15031 1718B	0.	0.	0.	1355.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1719B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1720B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1721B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1722B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1723B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1724B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1725B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1726B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1727B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1728B	597.	1344.	597.	1344.	1	8812.	0.02720	0.00	0.00	0.	10	19	B98	0.00
15031 1729B	348.	618.	945.	1424.	0	0.	0.00000	0.00	0.00	0.	20	24	B98	0.00
15031 1730C	429.	781.	429.	781.	1	3246.	0.02620	0.00	0.00	0.	20	23	B98	0.00
15031 1731C	0.	0.	429.	731.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1732C	0.	0.	429.	731.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1733C	0.	0.	429.	731.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1734C	294.	535.	723.	1204.	0	0.	0.00000	0.00	0.00	0.	20	23	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1735B TB 1172 QB 1424. QBC 2498. QC 1075. 15031 1735C TC 1166 QC 1204. QCB 2479. QB 1274. *
 * 15031 1735BC TBC 1169 QBC 2556. QB 1380. QC 1176. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1735BC	723.	1204.	1668.	2556.	1	5308.	0.02070	0.00	0.00	0.	20	0	B98	0.00

CALLEGUA. 990
 15031 1736B 221. 357. 1889. 2599. 0 0. 0.0000 0.00 0.00 0. 20 28 B98 0.01
 15031 1737C 239. 448. 239. 448. 0 0. 0.0000 0.00 0.00 0. 10 26 B98 0.01

*
 * CONFLUENCE Q' S *
 * 15031 1738B TB 1176 QB 2599. QBC 2856. QC 257. 15031 1738C TC 1158 QC 448. QCB 1843. QB 1394. *
 * 15031 1738BC TBC 1174 QBC 2866. QB 2527. QC 339. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1738BC	239.	448.	2128.	2866.	1	2319.	0.01510	0.00	0.00	0.	20	0	B98	0.00
15031 1739B	111.	264.	2239.	2844.	1	722.	0.04160	0.00	0.00	0.	20	15	B98	0.01
15031 1740B	42.	79.	2281.	2850.	0	0.	0.00000	0.00	0.00	0.	20	22	B98	0.01
15031 1741C	329.	546.	329.	546.	1	500.	0.05000	0.00	0.00	0.	10	32	B98	0.01

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002
 15031 1742C 30. 53. 359. 598. 0 0. 0.00000 0.00 0.00 0. 10 29 B98 0.01

*
 * CONFLUENCE Q' S *
 * 15031 1743B TB 1181 QB 2850. QBC 3265. QC 415. 15031 1743C TC 1159 QC 598. QCB 2362. QB 1764. *
 * 15031 1743BC TBC 1180 QBC 3288. QB 2845. QC 444. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1743BC	359.	598.	2640.	3288.	1	8993.	0.01800	0.00	0.00	0.	20	0	B98	0.00
15031 1744B	600.	835.	3240.	3166.	2	1850.	0.02700	0.00	0.00	0.	20	36	B98	0.01
15031 1745A	139.	193.	88503.	46788.	0	0.	0.00000	0.00	0.00	0.	20	36	B98	0.00

*
 * CONFLUENCE Q' S *
 * 15031 1746A TA 1226 QA 46788. QAB 48671. QB 1882. 15031 1746B TB 1188 QB 3134. QBA 32782. QA 29648. *
 * 15031 1746AB TAB 1225 QAB 48702. QA 46777. QB 1926. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1746AB	3240.	3134.	91743.	48702.	2	2300.	0.00430	0.00	0.00	0.	40	0	B98	0.00
15031 1747A	172.	409.	91915.	48693.	2	1800.	0.00440	0.00	0.00	0.	20	15	B98	0.00
15031 1748A	94.	243.	92009.	48680.	2	1100.	0.00360	0.00	0.00	0.	20	13	B98	0.00
15031 1749B	0.	0.	0.	3134.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1750B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1751B	525.	981.	525.	981.	1	10900.	0.02610	0.00	0.00	0.	20	22	B98	0.00
15031 1752B	507.	717.	1032.	1214.	1	11106.	0.01710	0.00	0.00	0.	20	35	B98	0.01
15031 1753B	353.	424.	1385.	1110.	2	1450.	0.03350	0.00	0.00	0.	20	46	B98	0.00
15031 1754A	219.	306.	92228.	48671.	0	0.	0.00000	0.00	0.00	0.	30	31	B98	0.00

*
 * CONFLUENCE Q' S *
 * 15031 1755A TA 1230 QA 48671. QAB 49436. QB 765. 15031 1755B TB 1196 QB 1102. QBA 35289. QA 34188. *
 * 15031 1755AB TAB 1229 QAB 49439. QA 48661. QB 778. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1755AB	1385.	1102.	93613.	49439.	2	1200.	0.00830	0.00	0.00	0.	20	0	B98	0.00
15031 1756B	0.	0.	0.	1102.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1757B	522.	916.	522.	916.	0	0.	0.00000	0.00	0.00	0.	10	29	B98	0.00
15031 1758C	294.	564.	294.	564.	0	0.	0.00000	0.00	0.00	0.	10	25	B98	0.00

*
 * CONFLUENCE Q' S *
 * 15031 1759B TB 1160 QB 916. QBC 1473. QC 557. 15031 1759C TC 1157 QC 564. QCB 1480. QB 916. *
 * 15031 1759BC TBC 1157 QBC 1480. QB 916. QC 564. *

CALLEGUA. 990

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 1759BC	294.	564.	816.	1480.	1	2010.	0.01240	0.00	0.00	0.	10	0	B98	0.00
15031 1760B	357.	603.	1173.	2023.	1	4509.	0.01440	0.00	0.00	0.	10	31	B98	0.01
15031 1761B	166.	275.	1339.	2052.	0	0.	0.00000	0.00	0.00	0.	20	27	B98	0.02
15031 1762B	161.	239.	1500.	2256.	1	2080.	0.02640	0.00	0.00	0.	20	32	B98	0.00
15031 1763B	33.	134.	1533.	2235.	0	0.	0.00000	0.00	0.00	0.	20	6	B98	0.02

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q10OP, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 1764B	97.	154.	1630.	2294.	1	1200.	0.02417	0.00	0.00	0.	30	26	B98	0.05
15031 1765A	54.	88.	93667.	49433.	0	0.	0.00000	0.00	0.00	0.	40	22	B98	0.02

STORM DAY 4

CONFLUENCE Q' S

* 15031 1766A	TA 1230 QA	49433. QAB	49938. QB	505.	15031 1766B	TB 1180 QB	2277. QBA	29784. QA	27507. *
		15031 1766AB	TAB 1230 QAB	49938. QA	49433. QB	505.			

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 1766AB	1630.	2277.	95297.	49938.	2	850.	0.00940	0.00	0.00	0.	20	0	B98	0.00
15031 1767A	201.	520.	95498.	49969.	2	750.	0.00860	0.00	0.00	0.	10	15	B98	0.00
15031 1768A	47.	131.	95545.	49978.	2	1700.	0.01270	0.00	0.00	0.	10	13	B98	0.00
15031 1769A	176.	304.	95721.	49978.	0	0.	0.00000	0.00	0.00	0.	10	21	A97	0.00
15031 1770B	91.	247.	91.	247.	1	1160.	0.03020	0.00	0.00	0.	20	12	B98	0.00
15031 1771B	77.	199.	168.	414.	1	850.	0.02940	0.00	0.00	0.	20	13	B98	0.00
15031 1772C	94.	199.	94.	199.	1	600.	0.03330	0.00	0.00	0.	20	18	B98	0.00
15031 1773C	58.	138.	152.	332.	2	1700.	0.02350	0.00	0.00	0.	20	15	B98	0.00
15031 1774C	27.	45.	179.	368.	0	0.	0.00000	0.00	0.00	0.	40	22	B98	0.10

CONFLUENCE Q' S

* 15031 1775B	TB 1162 QB	408. QBC	775. QC	368.	15031 1775C	TC 1162 QC	368. QCB	775. QB	408. *
		15031 1775BC	TBC 1162 QBC	775. QB	408. QC	368.			

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 1775BC	179.	368.	347.	775.	1	900.	0.03330	0.00	0.00	0.	10	0	B98	0.00
15031 1776B	80.	207.	427.	903.	1	1860.	0.02690	0.00	0.00	0.	20	13	B98	0.00
15031 1777B	87.	207.	514.	978.	0	0.	0.00000	0.00	0.00	0.	20	15	B98	0.00
15031 1778C	106.	252.	106.	252.	0	0.	0.00000	0.00	0.00	0.	20	15	B98	0.00
15031 1779C	110.	262.	216.	514.	0	0.	0.00000	0.00	0.00	0.	20	15	B98	0.00
15031 1780C	60.	137.	276.	651.	2	2160.	0.02780	0.00	0.00	0.	20	16	B98	0.00
15031 1781C	64.	103.	340.	733.	0	0.	0.00000	0.00	0.00	0.	40	22	B98	0.00
15031 1782BC	340.	733.	854.	1635.	1	2080.	0.04330	0.00	0.00	0.	10	0	B98	0.00
15031 1783B	63.	185.	917.	1646.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031 1784C	0.	0.	0.	733.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 1785C	65.	113.	65.	113.	1	1700.	0.04120	0.00	0.00	0.	20	25	B98	0.02
15031 1786C	97.	206.	162.	295.	0	0.	0.00000	0.00	0.00	0.	20	18	B98	0.02

CONFLUENCE Q' S

* 15031 1787B	TB 1167 QB	1646. QBC	1897. QC	251.	15031 1787C	TC 1161 QC	295. QCB	1779. QB	1484. *
		15031 1787BC	TBC 1166 QBC	1910. QB	1636. QC	274.			

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 1787BC	162.	295.	1079.	1910.	1	1160.	0.02590	0.00	0.00	0.	10	0	B98	0.00
15031 1788B	45.	99.	1124.	1954.	1	1500.	0.02000	0.00	0.00	0.	20	17	B98	0.00
15031 1789B	108.	194.	1232.	1959.	1	1780.	0.01690	0.00	0.00	0.	30	14	B97	0.00

CALLEGUA. 990															
15031	1790B	129.	284.	1361.	1972.	1	2470.	0.01420	0.00	0.00	0.	20	17	B98	0.00
15031	1791B	96.	198.	1457.	1954.	1	1700.	0.03530	0.00	0.00	0.	10	22	B98	0.00
15031	1792B	90.	179.	1547.	1965.	0	0.	0.00000	0.00	0.00	0.	20	20	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															STORM DAY 4	
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV		
15031	1793C	56.	157.	56.	157.	1	1500.	0.05330	0.00	0.00	0.	10	13	B98	0.00	
15031	1794C	56.	135.	112.	276.	1	3100.	0.03550	0.00	0.00	0.	10	17	B98	0.00	
15031	1795C	109.	249.	221.	403.	0	0.	0.00000	0.00	0.00	0.	20	16	B98	0.00	
15031	1796C	61.	134.	282.	517.	1	500.	0.02000	0.00	0.00	0.	20	17	B98	0.00	

* CONFLUENCE Q' S *
* 15031 1797B TB 1183 QB 1965. QBC 2150. QC 185. 15031 1797C TC 1165 QC 512. QCB 1754. QB 1242. *
* 15031 1797BC TBC 1182 QBC 2155. QB 1957. QC 197. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1797BC	282.	512.	1829.	2155.	2	1390.	0.01800	0.00	0.00	0.	10	0	B98	0.00
15031	1798B	73.	141.	1902.	2168.	2	3250.	0.00620	0.00	0.00	0.	20	21	B98	0.00
15031	1799B	68.	91.	1970.	2144.	0	0.	0.00000	0.00	0.00	0.	20	28	A97	0.00
15031	1800B	0.	0.	1970.	2144.	0	0.	0.00000	0.00	0.00	0.	20	99	A97	0.00
15031	1801C	77.	163.	77.	163.	1	2000.	0.01000	0.00	0.00	0.	20	18	B98	0.00
15031	1802C	56.	119.	133.	207.	0	0.	0.00000	0.00	0.00	0.	20	18	B98	0.00
15031	1803C	63.	130.	196.	325.	1	3320.	0.01510	0.00	0.00	0.	10	22	B98	0.00
15031	1804C	56.	81.	252.	327.	0	0.	0.00000	0.00	0.00	0.	20	24	A97	0.00

* CONFLUENCE Q' S *
* 15031 1805B TB 1190 QB 2144. QBC 2362. QC 218. 15031 1805C TC 1174 QC 327. QCB 2208. QB 1881. *
* 15031 1805BC TBC 1188 QBC 2368. QB 2134. QC 234. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1805BC	252.	327.	2222.	2368.	1	700.	0.01430	0.00	0.00	0.	10	0	A97	0.00
15031	1806C	0.	0.	0.	327.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1807C	69.	160.	69.	160.	0	0.	0.00000	0.00	0.00	0.	30	14	B98	0.00
15031	1808D	115.	351.	115.	351.	1	2090.	0.04780	0.00	0.00	0.	20	10	B98	0.02
15031	1809D	121.	309.	236.	578.	1	1460.	0.04110	0.00	0.00	0.	30	12	B98	0.01
15031	1810D	68.	174.	304.	681.	0	0.	0.00000	0.00	0.00	0.	30	12	B98	0.01

* CONFLUENCE Q' S *
* 15031 1811C TC 1154 QC 160. QCD 620. QD 460. 15031 1811D TD 1160 QD 681. QDC 826. QC 145. *
* 15031 1811CD TCD 1160 QCD 826. QC 145. QD 681. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV	
15031	1811CD	304.	681.	373.	826.	1	2470.	0.02830	0.00	0.00	0.	10	0	B98	0.00
15031	1812C	115.	257.	488.	911.	1	1470.	0.02720	0.00	0.00	0.	30	15	B98	0.01
15031	1813C	81.	220.	569.	927.	1	1780.	0.01690	0.00	0.00	0.	20	12	B98	0.00
15031	1814C	46.	102.	615.	910.	0	0.	0.00000	0.00	0.00	0.	30	15	B98	0.00
15031	1815C	88.	187.	703.	984.	1	600.	0.01670	0.00	0.00	0.	20	18	B98	0.01
15031	1816D	64.	183.	64.	183.	1	2700.	0.02960	0.00	0.00	0.	20	11	B98	0.00
15031	1817D	60.	132.	124.	246.	0	0.	0.00000	0.00	0.00	0.	20	17	B98	0.00
15031	1818D	0.	0.	124.	246.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															STORM DAY 4	
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV		

CALLEGUA. 990															
LOCATION	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	

CONFLUENCE Q' S															
* 15031 1819C	TC 1168	QC	972.	QCD	1184.	QD	212.	15031 1819D	TD 1164	QD	246.	QDC	1137.	QC	891.

CONFLUENCE Q' S															
* 15031 1819CD	TCD	1168	QCD	1184.	QC	972.	QD	212.	*****						

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1819CD	124.	246.	827.	1184.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 1820D	76.	249.	76.	249.	1	2010.	0.12940	0.00	0.00	0.	10	10	B98	0.00
15031 1821D	87.	225.	163.	446.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.00
15031 1822D	91.	261.	254.	693.	1	2010.	0.04980	0.00	0.00	0.	20	11	B98	0.00
15031 1823D	83.	224.	337.	831.	1	1620.	0.03700	0.00	0.00	0.	30	11	B98	0.00
15031 1824D	121.	269.	458.	1017.	1	1780.	0.03300	0.00	0.00	0.	30	15	B98	0.00
15031 1825D	113.	224.	571.	1159.	1	2090.	0.02870	0.00	0.00	0.	30	18	B98	0.00
15031 1826D	79.	188.	650.	1139.	1	2090.	0.02870	0.00	0.00	0.	20	15	B98	0.00
15031 1827D	78.	196.	728.	1135.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.10

CONFLUENCE Q' S															
* 15031 1828C	TC 1168	QC	1184.	QCD	2168.	QD	985.	15031 1828D	TD 1174	QD	1135.	QDC	2198.	QC	1063.

CONFLUENCE Q' S															
* 15031 1828CD	TCD	1172	QCD	2208.	QC	1092.	QD	1116.	*****						

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1828CD	728.	1135.	1555.	2208.	1	1470.	0.07480	0.00	0.00	0.	10	0	B98	0.00
15031 1829C	113.	269.	1668.	2244.	1	350.	0.02860	0.00	0.00	0.	20	15	B98	0.00
15031 1830C	31.	61.	1699.	2253.	1	1700.	0.04100	0.00	0.00	0.	30	18	B98	0.00
15031 1831C	58.	135.	1757.	2259.	0	0.	0.00000	0.00	0.00	0.	30	14	B98	0.00
15031 1832C	57.	125.	1814.	2277.	1	2080.	0.00720	0.00	0.00	0.	20	17	B98	0.00
15031 1833C	125.	265.	1939.	2282.	1	1620.	0.01540	0.00	0.00	0.	20	18	B98	0.00
15031 1834C	60.	156.	1999.	2286.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.05
15031 1835C	39.	78.	2038.	2295.	1	1700.	0.02350	0.00	0.00	0.	20	20	B98	0.03
15031 1836C	72.	155.	2110.	2296.	1	3860.	0.02590	0.00	0.00	0.	30	16	B98	0.03
15031 1837C	62.	125.	2172.	2284.	1	2630.	0.00950	0.00	0.00	0.	10	23	B98	0.00
15031 1838C	81.	151.	2253.	2257.	0	0.	0.00000	0.00	0.00	0.	20	22	B98	0.00

CONFLUENCE Q' S															
* 15031 1839B	TB 1190	QB	2367.	QBC	4236.	QC	1869.	15031 1839C	TC 1203	QC	2257.	QCB	4198.	QB	1941.

CONFLUENCE Q' S															
* 15031 1839BC	TBC	1196	QBC	4405.	QB	2269.	QC	2135.	*****						

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1839BC	2253.	2257.	4475.	4405.	1	1000.	0.02000	0.00	0.00	0.	10	0	B98	0.00
15031 1840B	84.	133.	4559.	4406.	0	0.	0.00000	0.00	0.00	0.	20	21	A97	0.08
15031 1841C	156.	226.	156.	226.	1	4170.	0.02400	0.00	0.00	0.	10	30	A97	0.05
15031 1842C	195.	390.	351.	479.	0	0.	0.00000	0.00	0.00	0.	10	16	A97	0.08

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952															
CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	

CONFLUENCE Q' S															
* 15031 1843B	TB 1198	QB	4406.	QBC	4569.	QC	162.	15031 1843C	TC 1156	QC	479.	QCB	2153.	QB	1674.

CONFLUENCE Q' S															
* 15031 1843BC	TBC	1197	QBC	4573.	QB	4406.	QC	168.	*****						

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1843BC	351.	479.	4910.	4573.	1	2470.	0.01620	0.00	0.00	0.	10	0	A97	0.00
15031 1844B	105.	148.	5015.	4548.	0	0.	0.00000	0.00	0.00	0.	30	22	A97	0.02

CALLEGUA. 990															
15031	1845B	0.	0.	5015.	4548.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	1846C	41.	125.	41.	125.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.00
15031	1847C	71.	244.	112.	369.	1	1700.	0.07650	0.00	0.00	0.	10	9	B98	0.00
15031	1848C	133.	405.	245.	714.	1	1080.	0.06480	0.00	0.00	0.	20	10	B98	0.00
15031	1849C	59.	180.	304.	860.	1	1550.	0.05160	0.00	0.00	0.	20	10	B98	0.00
15031	1850C	66.	201.	370.	953.	1	1700.	0.02940	0.00	0.00	0.	20	10	B98	0.00
15031	1851C	58.	166.	428.	960.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00
15031	1852D	69.	226.	69.	226.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.00
15031	1853D	50.	164.	119.	389.	1	1930.	0.08290	0.00	0.00	0.	10	10	B98	0.00
15031	1854D	66.	179.	185.	529.	1	2780.	0.05040	0.00	0.00	0.	20	12	B98	0.00
15031	1855D	94.	255.	279.	625.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00

* CONFLUENCE Q' S *
* 15031 1856C TC 1162 QC 960. QCD 1569. QD 608. 15031 1856D TD 1163 QD 625. QDC 1580. QC 955. *
* 15031 1856CD TCD 1163 QCD 1580. QC 955. QD 625. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	1856CD	279.	625.	707.	1580.	1	3870.	0.03360	0.00	0.00	0.	10	0	B98	0.00
15031	1857C	86.	207.	793.	1514.	0	0.	0.00000	0.00	0.00	0.	10	17	B98	0.00
15031	1858D	63.	206.	63.	206.	1	1620.	0.07410	0.00	0.00	0.	10	10	B98	0.00
15031	1859D	94.	234.	157.	417.	1	1620.	0.04320	0.00	0.00	0.	10	16	B98	0.00
15031	1860D	124.	320.	281.	668.	1	2950.	0.02370	0.00	0.00	0.	20	13	B98	0.00
15031	1861D	95.	246.	376.	715.	0	0.	0.00000	0.00	0.00	0.	10	15	B98	0.00
15031	1862D	91.	187.	467.	853.	1	700.	0.07140	0.00	0.00	0.	30	17	B98	0.00
15031	1863D	36.	105.	503.	893.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00

* CONFLUENCE Q' S *
* 15031 1864C TC 1168 QC 1514. QCD 2330. QD 816. 15031 1864D TD 1163 QD 893. QDC 2097. QC 1204. *
* 15031 1864CD TCD 1168 QCD 2330. QC 1514. QD 816. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	1864CD	503.	893.	1296.	2330.	1	1800.	0.02220	0.00	0.00	0.	10	0	B98	0.00
15031	1865C	77.	215.	1373.	2318.	1	2000.	0.02000	0.00	0.00	0.	10	13	B98	0.00
15031	1866C	78.	194.	1451.	2301.	1	2100.	0.01430	0.00	0.00	0.	10	16	B98	0.00
15031	1867C	96.	239.	1547.	2276.	0	0.	0.00000	0.00	0.00	0.	10	16	B98	0.00
15031	1868C	0.	0.	1547.	2276.	1	1100.	0.04550	0.00	0.00	0.	10	99	B98	0.00
15031	1869D	85.	230.	85.	230.	1	1700.	0.03530	0.00	0.00	0.	20	12	B98	0.00
15031	1870D	61.	157.	146.	344.	1	1500.	0.04000	0.00	0.00	0.	20	13	B98	0.00
15031	1871D	84.	208.	230.	490.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	1872D	101.	240.	331.	698.	1	2100.	0.02380	0.00	0.00	0.	20	15	B98	0.00
15031	1873D	106.	233.	437.	846.	1	1240.	0.02020	0.00	0.00	0.	20	17	B98	0.00
15031	1874D	68.	162.	505.	899.	1	1500.	0.02670	0.00	0.00	0.	20	15	B98	0.00
15031	1875D	92.	210.	597.	961.	1	300.	0.03330	0.00	0.00	0.	20	16	B98	0.00
15031	1876D	67.	122.	664.	1055.	1	300.	0.10000	0.00	0.00	0.	20	23	B98	0.00
15031	1877D	0.	0.	664.	1054.	1	900.	0.03890	0.00	0.00	0.	10	99	B98	0.00
15031	1878C	23.	57.	1570.	2275.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.00

* CONFLUENCE Q' S *
* 15031 1879C TC 1181 QC 2275. QCD 3008. QD 733. 15031 1879D TD 1169 QD 1047. QDC 2738. QC 1691. *
* 15031 1879CD TCD 1179 QCD 3046. QC 2233. QD 813. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

CALLEGUA. 990															
15031	1879CD	664.	1047.	2234.	3046.	2	2500.	0.01200	0.00	0.00	0.	10	0	B98	0.00
15031	1880C	32.	63.	2266.	3043.	2	2400.	0.01880	0.00	0.00	0.	10	24	B98	0.00
15031	1881C	38.	44.	2304.	3040.	2	2200.	0.01590	0.00	0.00	0.	50	32	B98	0.00
15031	1882C	74.	107.	2378.	3029.	2	2470.	0.01820	0.00	0.00	0.	40	26	B98	0.00
15031	1883C	106.	181.	2484.	3046.	2	3090.	0.01340	0.00	0.00	0.	20	26	B98	0.05
15031	1884D	104.	229.	104.	229.	2	1500.	0.02000	0.00	0.00	0.	20	17	B98	0.00
15031	1885D	81.	134.	185.	354.	2	1550.	0.01610	0.00	0.00	0.	30	24	B98	0.00
15031	1886D	92.	148.	277.	485.	2	1550.	0.01610	0.00	0.00	0.	40	22	B98	0.00
15031	1887D	70.	120.	347.	575.	2	1700.	0.01180	0.00	0.00	0.	40	20	B98	0.00
15031	1888D	86.	149.	433.	688.	2	1780.	0.01970	0.00	0.00	0.	20	25	B98	0.00
15031	1889D	73.	155.	506.	768.	0	0.	0.00000	0.00	0.00	0.	10	21	B98	0.00
15031	1890D	73.	114.	579.	864.	2	900.	0.04440	0.00	0.00	0.	30	26	B98	0.00
15031	1891D	10.	21.	589.	865.	0	0.	0.00000	0.00	0.00	0.	30	17	B98	0.00

* CONFLUENCE Q' S *
* 15031 1892C TC 1193 QC 3028. QCD 3308. QD 280. 15031 1892D TD 1171 QD 865. QDC 2508. QC 1643. *
* 15031 1892CD TCD 1190 QCD 3326. QC 2985. QD 341. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1892CD	589.	865.	3073.	3326.	2	3300.	0.01670	0.00	0.00	0.	10	0	B98	0.00
15031 1893C	54.	85.	3127.	3321.	0	0.	0.00000	0.00	0.00	0.	30	26	B98	0.00
15031 1894C	43.	67.	3170.	3321.	0	0.	0.00000	0.00	0.00	0.	30	18	A97	0.00
15031 1895C	0.	0.	3170.	3321.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 1896C	59.	121.	3229.	3335.	2	2240.	0.08900	0.00	0.00	0.	20	20	B98	0.15
15031 1897C	50.	68.	3279.	3334.	0	0.	0.00000	0.00	0.00	0.	30	24	A97	0.05

* CONFLUENCE Q' S *
* 15031 1898B TB 1202 QB 4548. QBC 7744. QC 3196. 15031 1898C TC 1195 QC 3334. QCB 7692. QB 4357. *
* 15031 1898BC TBC 1199 QBC 7812. QB 4518. QC 3294. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1898BC	3279.	3334.	8294.	7812.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002
SUBAREA SUBAREA TOTAL TOTAL CONV CONV CONV CONV CONTROL SOIL RAIN PCT
LOCATION AREA Q AREA Q TYPE LNGTH SLOPE SIZE Z Q NAME TC ZONE IMPV

* CONFLUENCE Q' S *
* 15031 1899A TA 1232 QA 49978. QAB 54007. QB 4029. 15031 1899B TB 1199 QB 7812. QBA 44880. QA 37067. *
* 15031 1899AB TAB 1230 QAB 54145. QA 49887. QB 4258. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 1899AB	8294.	7812.	104015.	54145.	2	2600.	0.00500	0.00	2.00	0.	10	0	A97	0.00
15031 1900A	83.	187.	104098.	54120.	0	0.	0.00000	0.00	0.00	0.	30	15	B98	0.05
15031 1901A	94.	274.	104192.	54125.	2	2600.	0.00500	0.00	2.00	0.	30	10	B98	0.10
15031 1902A	63.	150.	104255.	54114.	2	2000.	0.00500	0.00	2.00	0.	40	16	B98	0.58
15031 1903A	77.	175.	104332.	54089.	0	0.	0.00000	0.00	0.00	0.	40	13	B98	0.00
15031 1904A	35.	59.	104367.	54089.	0	0.	0.00000	0.00	0.00	0.	50	18	B98	0.00
15031 1905A	0.	0.	104367.	54089.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1906A	0.	0.	104367.	54089.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1907A	0.	0.	104367.	54089.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1908A	0.	0.	104367.	54089.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1909A	0.	0.	104367.	54089.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1910A	0.	0.	104367.	54089.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1911B	0.	0.	0.	7812.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1912B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CALLEGUA. 990															
15031	1913B	46.	81.	46.	81.	5	3550.	0.00500	2.00	2.00	0.	50	17	B98	0.00
15031	1914B	32.	52.	78.	86.	0	0.	0.00000	0.00	0.00	0.	40	22	B98	0.00
15031	1915C	63.	81.	63.	81.	5	1200.	0.00900	2.00	2.00	0.	50	27	B98	0.00
15031	1916C	0.	0.	63.	80.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1917B TB 1170 QB 86. QBC 162. QC 77. 15031 1917C TC 1164 QC 80. QCB 159. QB 79. *
 * 15031 1917BC TBC 1169 QBC 163. QB 85. QC 78. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1917BC	63.	80.	141.	163.	5	200.	0.00800	2.00	3.00	0.	10	0	B98	0.00
15031 1918B	0.	0.	141.	163.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1919B	111.	213.	252.	361.	0	0.	0.00000	0.00	0.00	0.	10	25	B98	0.00
15031 1920B	73.	198.	325.	521.	5	800.	0.00800	3.00	2.00	0.	20	12	B98	0.00
15031 1921B	45.	57.	370.	575.	0	0.	0.00000	0.00	0.00	0.	40	32	B98	0.00
15031 1922B	14.	51.	384.	602.	5	2300.	0.02600	10.00	1.00	0.	30	7	B98	0.30
15031 1923B	50.	97.	434.	687.	0	0.	0.00000	0.00	0.00	0.	30	19	B98	0.05
15031 1924B	30.	82.	464.	759.	5	1700.	0.02600	10.00	1.00	0.	20	12	B98	0.05
15031 1925B	24.	43.	488.	784.	5	800.	0.01600	10.00	1.00	0.	30	21	B98	0.00
15031 1926B	96.	275.	584.	903.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.00
15031 1927C	71.	193.	71.	193.	5	1300.	0.02300	2.00	2.00	0.	20	12	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1928B TB 1161 QB 903. QBC 1082. QC 178. 15031 1928C TC 1158 QC 185. QCB 1011. QB 825. *
 * 15031 1928BC TBC 1161 QBC 1082. QB 903. QC 178. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	------------	-------------	-----------	-----------	----	------------	----------

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														STORM DAY 4
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1928BC	71.	185.	655.	1082.	5	700.	0.01400	10.00	2.00	0.	10	0	B98	0.00
15031 1929B	52.	88.	707.	1142.	5	2000.	0.00900	10.00	2.00	0.	30	23	B98	0.00
15031 1930D	52.	93.	52.	93.	5	1700.	0.01700	2.00	2.00	0.	30	21	B98	0.00
15031 1931D	39.	70.	91.	154.	5	1400.	0.01000	4.00	2.00	0.	30	21	B98	0.00
15031 1932D	38.	55.	129.	203.	5	1300.	0.00800	6.00	2.00	0.	30	29	B98	0.00
15031 1933D	44.	69.	173.	263.	0	0.	0.00000	0.00	0.00	0.	30	26	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1934B TB 1166 QB 1095. QBD 1356. QD 260. 15031 1934D TD 1169 QD 263. QDB 1316. QB 1053. *
 * 15031 1934BD TBD 1166 QBD 1356. QB 1095. QD 260. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1934BD	173.	263.	880.	1356.	5	400.	0.01000	12.00	0.00	0.	10	0	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1935A TA 1236 QA 54089. QAB 54165. QB 76. 15031 1935B TB 1167 QB 1353. QBA 27101. QA 25748. *
 * 15031 1935AB TAB 1235 QAB 54166. QA 54089. QB 77. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
15031 1935AB	880.	1353.	105247.	54166.	2	200.	0.00450	200.00	0.00	0.	10	0	B98	0.00
15031 1936A	0.	0.	105247.	54165.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1937A	0.	0.	105247.	54165.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1938A	0.	0.	105247.	54165.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1939B	82.	235.	82.	235.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00

CALLEGUA. 990															
15031	1940B	55.	180.	137.	415.	5	1700.	0.00250	10.00	2.00	0.	10	10	B98	0.00
15031	1941B	36.	84.	173.	392.	0	0.	0.00000	0.00	0.00	0.	50	11	B98	0.00
15031	1942B	31.	70.	204.	445.	5	2000.	0.00200	8.00	0.00	0.	40	13	B98	0.00
15031	1943B	0.	0.	204.	367.	5	700.	0.00400	8.00	0.00	0.	10	99	B98	0.00
15031	1944B	58.	152.	262.	371.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.14

 * CONFLUENCE Q' S *
 * 15031 1945A TA 1236 QA 54165. QAB 54198. QB 33. 15031 1945B TB 1172 QB 371. QBA 29676. QA 29305. *
 * 15031 1945AB TAB 1236 QAB 54198. QA 54165. QB 33. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV	
15031	1945AB	262.	371.	105509.	54198.	2	1500.	0.00450	0.00	0.00	0.	10	0	B98	0.00
15031	1946A	19.	39.	105528.	54187.	5	450.	0.00500	200.00	0.00	0.	40	16	B98	0.10
15031	1947A	0.	0.	105528.	54177.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1948A	0.	0.	105528.	54177.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1949A	0.	0.	105528.	54177.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1950A	0.	0.	105528.	54177.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1951A	0.	0.	105528.	54177.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1952A	0.	0.	105528.	54177.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1953A	0.	0.	105528.	54177.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1954B	0.	0.	0.	371.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1955B	55.	142.	55.	142.	1	1000.	0.05000	0.00	0.00	0.	20	13	B98	0.00
15031	1956B	89.	293.	144.	405.	1	1400.	0.02500	0.00	0.00	0.	10	10	B98	0.21

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV	
15031	1957B	84.	207.	228.	559.	2	1800.	0.01400	0.00	0.00	0.	30	13	B98	0.09
15031	1958B	68.	179.	296.	638.	2	1400.	0.03000	0.00	0.00	0.	30	12	B98	0.16
15031	1959B	73.	217.	369.	709.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.20

 * CONFLUENCE Q' S *
 * 15031 1960A TA 1237 QA 54177. QAB 54228. QB 50. 15031 1960B TB 1161 QB 709. QBA 23600. QA 22891. *
 * 15031 1960AB TAB 1237 QAB 54228. QA 54177. QB 50. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV	
15031	1960AB	369.	709.	105897.	54228.	5	1200.	0.00500	250.00	0.00	0.	10	0	B98	0.00
15031	1961A	45.	80.	105942.	54219.	5	1800.	0.00500	250.00	0.00	0.	50	20	B98	0.26
15031	1962A	88.	258.	106030.	54195.	5	1500.	0.00500	250.00	0.00	0.	30	10	B98	0.12
15031	1963A	41.	151.	106071.	54182.	5	300.	0.00500	200.00	2.00	0.	10	8	B98	0.29
15031	1964A	99.	123.	106170.	54188.	0	0.	0.00000	0.00	0.00	0.	70	16	B98	0.19
15031	1965A	0.	0.	106170.	54188.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1966D	0.	0.	0.	263.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	1967D	25.	69.	25.	69.	4	2000.	0.00800	3.25	0.00	0.	40	11	B98	0.31
15031	1968E	0.	0.	0.	801.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	1969E	29.	87.	29.	87.	5	700.	0.00400	6.00	0.00	0.	40	9	B98	0.23
15031	1970E	24.	65.	53.	147.	5	200.	0.00400	8.00	0.00	0.	40	11	B98	0.23

 * CONFLUENCE Q' S *
 * 15031 1971D TD 1161 QD 63. QDE 176. QE 113. 15031 1971E TE 1157 QE 146. QED 201. QD 55. *
 * 15031 1971DE TDE 1158 QDE 203. QD 59. QE 144. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV	
15031	1971DE	53.	146.	78.	203.	5	1200.	0.00400	8.00	0.00	0.	10	0	B98	0.00
15031	1972E	60.	142.	60.	142.	4	800.	0.00600	4.50	0.00	0.	40	14	B98	0.30
15031	1973E	35.	88.	95.	227.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.20

CALLEGUA. 990

 * CONFLUENCE Q' S *
 * 15031 1974D TD 1161 QD 196. QDE 396. QE 199. 15031 1974E TE 1156 QE 227. QED 365. QD 138. *
 * 15031 1974DE TDE 1160 QDE 409. QD 194. QE 214. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 1974DE	95.	227.	173.	409.	5	2200.	0.00400	8.00	0.00	0.	10	0	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 1975A TA 1243 QA 54188. QAD 54210. QD 22. 15031 1975D TD 1164 QD 385. QDA 22089. QA 21704. *
 * 15031 1975AD TAD 1243 QAD 54210. QA 54188. QD 22. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 1975AD	173.	385.	106343.	54210.	5	2200.	0.00500	150.00	1.50	0.	10	0	B98	0.00
15031 1976A	0.	0.	106343.	54165.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1977D	50.	139.	50.	139.	4	1000.	0.00500	4.50	0.00	0.	50	11	B98	0.50
15031 1978D	55.	162.	105.	288.	4	800.	0.00500	6.00	0.00	0.	50	11	B98	0.70

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 1979A	21.	60.	106364.	54172.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.70

 * CONFLUENCE Q' S *
 * 15031 1980A TA 1246 QA 54172. QAD 54202. QD 30. 15031 1980D TD 1159 QD 286. QDA 19738. QA 19452. *
 * 15031 1980AD TAD 1246 QAD 54202. QA 54172. QD 30. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 1980AD	105.	286.	106469.	54202.	5	350.	0.00600	100.00	1.50	0.	10	0	B98	0.00
15031 1981A	74.	208.	106543.	54217.	5	750.	0.00600	100.00	1.50	0.	20	12	B98	0.28
15031 1982A	18.	54.	106561.	54212.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.70
15031 1983A	0.	0.	106561.	54212.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1984A	0.	0.	106561.	54212.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1985A	0.	0.	106561.	54212.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 1986D	82.	229.	82.	229.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.14
15031 1987D	0.	0.	82.	229.	4	2000.	0.00200	6.50	0.00	0.	10	99	B98	0.00
15031 1988D	26.	62.	108.	253.	4	700.	0.00250	6.25	0.00	0.	40	14	B98	0.34
15031 1989B	67.	114.	67.	114.	0	0.	0.00000	0.00	0.00	0.	50	20	B98	0.16

 * CONFLUENCE Q' S *
 * 15031 1990B TB 1156 QB 114. QBD 267. QD 154. 15031 1990D TD 1164 QD 247. QDB 351. QB 104. *
 * 15031 1990BD TBD 1163 QBD 352. QB 105. QD 247. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 1990BD	108.	247.	175.	352.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 1991BD	0.	259.	175.	93.	4	1200.	0.00360	4.25	0.00	93.	10	0	B98	0.00
15031 1991D	0.	0.	0.	259.	3	3200.	0.00560	52.00	0.00	0.	10	99	B98	0.00
15031 1992F	37.	90.	37.	90.	4	1300.	0.00540	3.75	0.00	0.	40	13	B98	0.23
15031 1993BF	37.	86.	212.	179.	0	0.	0.00000	0.00	0.00	0.	40	0	B98	0.00
15031 1994B	29.	77.	241.	248.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.20
15031 1995BE	0.	102.	241.	146.	4	2000.	0.00270	5.25	0.00	146.	10	0	B98	0.00
15031 1995E	0.	0.	0.	102.	3	1200.	0.00600	40.00	0.00	0.	10	99	B98	0.00
15031 1996BD	0.	148.	241.	273.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 1997E	42.	113.	42.	131.	4	1100.	0.00200	4.75	0.00	0.	40	11	B98	0.23
15031 1998D	43.	116.	43.	116.	0	0.	0.00000	0.00	0.00	0.	10	14	B98	0.08

CALLEGUA. 990															
15031	1999D	54.	140.	97.	256.	0	0.	0.0000	0.00	0.00	0.	20	13	B98	0.05
15031	2000D	46.	115.	143.	371.	4	1550.	0.03400	4.50	0.00	0.	10	16	B98	0.09
15031	2001D	36.	73.	179.	441.	0	0.	0.00000	0.00	0.00	0.	50	16	B98	0.23
15031	2002F	34.	66.	34.	66.	0	0.	0.00000	0.00	0.00	0.	50	17	B98	0.23
15031	2003F	26.	50.	60.	117.	4	650.	0.02000	3.25	0.00	0.	50	17	B98	0.23

 * CONFLUENCE Q'S *
 * 15031 2004D TD 1157 QD 441. QDF 557. QF 116. 15031 2004F TF 1157 QF 116. QFD 557. QD 441. *
 * 15031 2004DF TDF 1157 QDF 557. QD 441. QF 116. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2004DF	60.	116.	239.	557.	4	200.	0.01800	6.00	0.00	0.	10	0	B98	0.00
15031 2005D	0.	0.	239.	557.	0	0.	0.00000	0.00	0.00	0.	60	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q10OP, DBT/DL/OR, 11/2002

STORM DAY 4														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2006D	0.	0.	239.	557.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2007D	53.	132.	292.	683.	5	500.	0.01600	1.75	1.50	0.	50	11	B98	0.18
15031 2008D	0.	0.	292.	683.	5	1300.	0.00640	5.00	1.50	0.	10	99	B98	0.00
15031 2009F	55.	129.	55.	129.	0	0.	0.00000	0.00	0.00	0.	30	15	B98	0.23

 * CONFLUENCE Q'S *
 * 15031 2010D TD 1160 QD 674. QDF 794. QF 120. 15031 2010F TF 1155 QF 129. QFD 645. QD 516. *
 * 15031 2010DF TDF 1159 QDF 797. QD 673. QF 123. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2010DF	55.	129.	347.	797.	5	300.	0.00640	5.00	1.50	0.	10	0	B98	0.00
15031 2011F	25.	45.	25.	45.	4	100.	0.00500	3.00	0.00	0.	40	21	B98	0.23

 * CONFLUENCE Q'S *
 * 15031 2012D TD 1160 QD 795. QDF 839. QF 45. 15031 2012F TF 1157 QF 45. QFD 778. QD 733. *
 * 15031 2012DF TDF 1160 QDF 839. QD 795. QF 45. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2012DF	25.	45.	372.	839.	5	300.	0.00640	5.00	1.50	0.	10	0	B98	0.00

 * CONFLUENCE Q'S *
 * 15031 2013B TB 1177 QB 273. QBD 433. QD 159. 15031 2013D TD 1160 QD 838. QDB 983. QB 145. *
 * 15031 2013BD TBD 1160 QBD 983. QB 145. QD 838. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2013BD	372.	838.	613.	983.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

 * CONFLUENCE Q'S *
 * 15031 2014B TB 1160 QB 983. QBE 1092. QE 109. 15031 2014E TE 1162 QE 129. QEB 1099. QB 969. *
 * 15031 2014BE TBE 1161 QBE 1102. QB 981. QE 121. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2014BE	42.	129.	655.	1102.	5	1200.	0.00490	7.00	1.50	0.	10	0	B98	0.00
15031 2015B	0.	0.	655.	1094.	5	500.	0.00490	8.00	1.50	0.	10	99	B98	0.00
15031 2016B	42.	92.	697.	1153.	5	800.	0.00490	8.00	1.50	0.	50	14	B98	0.23
15031 2017D	0.	0.	0.	838.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2018D	48.	105.	48.	105.	4	100.	0.00300	4.50	0.00	0.	50	14	B98	0.23

CALLEGUA. 990

 * CONFLUENCE Q' S *
 * 15031 2019B TB 1164 QB 1148. QBD 1216. QD 68. 15031 2019D TD 1155 QD 105. QDB 746. QB 641. *
 * 15031 2019BD TBD 1163 QBD 1217. QB 1137. QD 80. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE IMPV
15031 2019BD	48.	105.	745.	1217.	5	1800.	0.00100	10.00	1.50	0.	10 0	B98	0.00
15031 2020D	63.	177.	63.	177.	4	1400.	0.00500	5.00	0.00	0.	50 12	B98	0.70

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE IMPV
15031 2021D	78.	219.	141.	377.	0	0.	0.00000	0.00	0.00	0.	50 12	B98	0.70

 * CONFLUENCE Q' S *
 * 15031 2022B TB 1168 QB 1165. QBD 1285. QD 121. 15031 2022D TD 1157 QD 377. QDB 950. QB 573. *
 * 15031 2022BD TBD 1167 QBD 1292. QB 1150. QD 142. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE IMPV
15031 2022BD	141.	377.	886.	1292.	5	2000.	0.00100	10.00	1.50	0.	10 0	B98	0.00
15031 2023B	0.	0.	886.	1256.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 2024A TA 1247 QA 54212. QAB 54368. QB 156. 15031 2024B TB 1172 QB 1256. QBA 24947. QA 23691. *
 * 15031 2024AB TAB 1247 QAB 54368. QA 54212. QB 156. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE IMPV
15031 2024AB	886.	1256.	107447.	54368.	5	2500.	0.00600	175.00	1.50	0.	10 0	B98	0.00
15031 2025B	0.	0.	0.	1256.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2026B	49.	108.	49.	108.	5	1300.	0.00500	4.00	2.00	0.	50 14	B98	0.25
15031 2027B	69.	129.	118.	230.	0	0.	0.00000	0.00	0.00	0.	50 18	B98	0.23
15031 2028AB	118.	230.	107565.	54333.	0	0.	0.00000	0.00	0.00	0.	10 0	B98	0.00
15031 2029A	0.	0.	107565.	54333.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2030A	0.	0.	107565.	54333.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2031A	0.	0.	107565.	54333.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2032A	0.	0.	107565.	54333.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2033D	0.	0.	0.	377.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2034D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2035D	53.	135.	53.	135.	4	1400.	0.00400	4.75	0.00	0.	40 15	B98	0.70
15031 2036D	79.	220.	132.	338.	4	2200.	0.00200	7.50	0.00	0.	30 13	B98	0.70
15031 2037D	49.	120.	181.	418.	0	0.	0.00000	0.00	0.00	0.	40 16	B98	0.70

 * CONFLUENCE Q' S *
 * 15031 2038A TA 1249 QA 54333. QAD 54393. QD 61. 15031 2038D TD 1164 QD 418. QDA 21340. QA 20922. *
 * 15031 2038AD TAD 1249 QAD 54393. QA 54333. QD 61. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE IMPV
15031 2038AD	181.	418.	107746.	54393.	5	4120.	0.00500	170.00	1.50	0.	10 0	B98	0.00
15031 2039A	0.	0.	107746.	54259.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2040A	0.	0.	107746.	54259.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2041A	0.	0.	107746.	54259.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2042A	40.	36.	107786.	54266.	0	0.	0.00000	0.00	0.00	0.	70 28	B98	0.37
15031 2043B	0.	0.	0.	230.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 2044B	59.	122.	59.	122.	4	3200.	0.00100	5.25	0.00	0.	50 15	B98	0.18
15031 2045B	96.	138.	155.	164.	0	0.	0.00000	0.00	0.00	0.	70 14	B98	0.21

CALLEGUA. 990

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
CONFLUENCE Q'S														
* 15031 2046A	TA 1254	QA 54266.	QAB 54282.	QB 15.	15031	2046B	TB 1157	QB 164.	QBA 17522.	QA 17358.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2046AB	155.	164.	107941.	54282.	5	3260.	0.00500	100.00	1.50	0.	10	0	B98	0.00
15031 2047A	54.	113.	107995.	54194.	5	2750.	0.00500	100.00	1.50	0.	50	13	B98	0.00
15031 2048A	0.	0.	107995.	54136.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2049A	0.	0.	107995.	54136.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2050A	0.	0.	107995.	54136.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2051B	36.	73.	36.	73.	3	750.	0.00470	35.00	0.00	0.	50	16	B98	0.23
15031 2052B	50.	76.	86.	141.	5	750.	0.00864	6.00	0.00	0.	50	23	B98	0.13
15031 2053B	74.	159.	160.	285.	5	1400.	0.00450	10.00	0.00	0.	40	16	B98	0.23
15031 2054B	35.	97.	195.	344.	0	0.	0.00000	0.00	0.00	0.	50	10	B98	0.31
15031 2055B	14.	41.	209.	382.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.50
15031 2056B	57.	155.	266.	527.	0	0.	0.00000	0.00	0.00	0.	30	12	B98	0.34
15031 2057B	0.	0.	266.	527.	5	1700.	0.00480	10.00	0.00	0.	10	99	B98	0.00
15031 2058C	62.	164.	62.	164.	4	1900.	0.00500	4.75	0.00	0.	40	14	B98	0.70

CONFLUENCE Q'S														
* 15031 2059C	TC 1162	QC 156.	QCF 100.	QF 56.	15031	2059F	TF 1162	QF 56.	QFC 100.	QC 156.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2059CF	0.	56.	62.	100.	4	1900.	0.00500	4.00	0.00	100.	10	0	B98	0.00
15031 2059F	0.	0.	0.	56.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2060C	28.	69.	90.	154.	0	0.	0.00000	0.00	0.00	0.	50	13	B98	0.42

CONFLUENCE Q'S														
* 15031 2061B	TB 1161	QB 513.	QBC 666.	QC 153.	15031	2061C	TC 1160	QC 154.	QCB 664.	QB 511.				

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2061BC	90.	154.	356.	666.	5	1200.	0.00430	4.00	1.50	0.	10	0	B98	0.00
15031 2062B	61.	135.	417.	771.	5	1400.	0.00430	4.00	1.50	0.	70	15	B98	0.70
15031 2063B	50.	115.	467.	826.	5	1200.	0.00600	4.00	1.50	0.	70	14	B98	0.70
15031 2064B	0.	0.	467.	821.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 2065B	0.	0.	467.	821.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2066D	54.	42.	54.	42.	0	0.	0.00000	0.00	0.00	0.	70	18	B98	0.00
15031 2067D	71.	111.	125.	153.	5	1900.	0.00400	4.00	2.00	0.	50	20	B98	0.00
15031 2068D	72.	86.	197.	222.	0	0.	0.00000	0.00	0.00	0.	60	21	B98	0.00
15031 2069D	51.	94.	248.	309.	0	0.	0.00000	0.00	0.00	0.	40	18	B98	0.00
15031 2070D	0.	0.	248.	309.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2071E	0.	0.	0.	129.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2072E	57.	28.	57.	28.	5	1900.	0.00300	2.00	2.00	0.	70	23	B98	0.00
15031 2073E	53.	14.	110.	31.	5	1150.	0.00300	4.00	2.00	0.	70	28	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

CALLEGUA. 990

LOCATION	AREA	Q	AREA	Q	TYPE	LNGLH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
***** CONFLUENCE Q' S *****														
* 15031 2074D	TD 1161	QD	309.	QDE	318.	QE	9.	15031 2074E	TE	1171	QE	28.	QED	199. QD 171.
***** CONFLUENCE Q' S *****														
			15031 2074DE	TDE	1162	QDE	319.	QD	309.	QE	11.			

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV
15031 2074DE	110.	28.	358.	319.	5	1100.	0.00450	3.00	2.00	0.	10	0	B98	0.00
15031 2075D	56.	84.	414.	392.	5	1200.	0.00500	3.00	2.00	0.	30	28	B98	0.00
15031 2076D	48.	75.	462.	448.	5	1350.	0.00590	3.00	2.00	0.	30	26	B98	0.00
15031 2077D	43.	64.	505.	482.	5	1700.	0.00470	3.00	2.00	0.	40	25	B98	0.00
15031 2078D	42.	71.	547.	473.	0	0.	0.00000	0.00	0.00	0.	30	23	B98	0.00
15031 2079B	0.	0.	467.	821.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2080B	70.	84.	537.	902.	5	1200.	0.00600	4.00	1.50	0.	50	30	B98	0.00
15031 2081B	66.	81.	603.	972.	5	1400.	0.00400	4.00	1.50	0.	50	29	B98	0.00
15031 2082B	62.	80.	665.	1033.	5	2700.	0.00300	4.00	1.50	0.	50	27	B98	0.00
15031 2083B	49.	67.	714.	1040.	0	0.	0.00000	0.00	0.00	0.	50	25	B98	0.00

***** CONFLUENCE Q' S *****

* 15031 2084B	TB 1173	QB	1040.	QBD	1484.	QD	444.	15031 2084D	TD	1178	QD	473.	QDB	1405. QB 931.
***** CONFLUENCE Q' S *****														
			15031 2084BD	TBD	1174	QBD	1498.	QB	1038.	QD	460.			

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV
15031 2084BD	547.	473.	1261.	1498.	5	850.	0.00300	13.00	1.50	0.	10	0	B98	0.00
15031 2085B	0.	0.	1261.	1488.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

***** CONFLUENCE Q' S *****

* 15031 2086A	TA 1260	QA	54136.	QAB	54243.	QB	107.	15031 2086B	TB	1176	QB	1488.	QBA	22019. QA 20532.
***** CONFLUENCE Q' S *****														
			15031 2086AB	TAB	1260	QAB	54243.	QA	54136.	QB	107.			

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV
15031 2086AB	1261.	1488.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 2087A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2088A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2089A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2090A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2091A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2092A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2093A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2094A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2095A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2096A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2097A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2098A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2099A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2100A	0.	0.	109256.	54243.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2101B	59.	168.	59.	168.	6	1050.	0.00262	20.00	4.00	0.	20	15	C99	0.00
15031 2102B	63.	175.	122.	268.	6	1400.	0.00182	20.00	4.00	0.	30	14	C99	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q10OP, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT IMPV
15031 2103B	58.	155.	180.	277.	6	1400.	0.00177	20.00	4.00	0.	30	15	C99	0.00
15031 2104B	69.	185.	249.	317.	6	600.	0.00160	20.00	4.00	0.	30	15	C99	0.00
15031 2105B	47.	130.	296.	392.	6	1650.	0.00137	20.00	4.00	0.	30	14	C99	0.00
15031 2106B	49.	132.	345.	339.	0	0.	0.00000	0.00	0.00	0.	30	15	C99	0.05

CALLEGUA. 990															
15031	2107C	64.	182.	64.	182.	0	0.	0.00000	0.00	0.00	0.	20	15	C99	0.00
15031	2108C	58.	171.	122.	353.	6	1900.	0.01008	20.00	4.00	0.	20	14	C99	0.00
15031	2109C	75.	201.	197.	447.	0	0.	0.00000	0.00	0.00	0.	30	15	C99	0.00
15031	2110C	39.	123.	236.	511.	6	2150.	0.00341	20.00	4.00	0.	30	11	C99	0.00
15031	2111C	51.	138.	287.	435.	0	0.	0.00000	0.00	0.00	0.	30	15	C99	0.05
15031	2112BC	287.	435.	632.	770.	6	900.	0.00084	20.00	4.00	0.	30	0	C99	0.00
15031	2113B	52.	151.	684.	764.	6	100.	0.01023	11.00	1.00	0.	30	13	C99	0.05
15031	2114C	26.	92.	26.	92.	4	470.	0.05000	2.50	0.00	0.	20	10	C99	0.00
15031	2115C	9.	44.	35.	135.	4	550.	0.05000	3.00	0.00	0.	20	6	C99	0.00
15031	2116C	1.	6.	36.	137.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.40
15031	2117C	2.	12.	38.	145.	4	150.	0.06000	3.00	0.00	0.	20	5	C99	0.90
15031	2118D	7.	34.	7.	34.	4	30.	0.14000	2.00	0.00	0.	20	6	C99	0.10
15031	2119D	5.	24.	12.	59.	4	80.	0.02000	2.50	0.00	0.	20	6	C99	0.10
15031	2120E	7.	34.	7.	34.	4	30.	0.04000	2.00	0.00	0.	20	6	C99	0.10
15031	2121E	3.	17.	10.	51.	4	275.	0.01000	2.75	0.00	0.	20	5	C99	0.13
15031	2122E	1.	6.	11.	54.	4	70.	0.02000	2.50	0.00	0.	20	5	C99	0.13
15031	2123DE	11.	54.	23.	112.	4	250.	0.01000	3.75	0.00	0.	20	0	C99	0.00
15031	2124D	2.	11.	25.	118.	4	15.	0.03000	3.00	0.00	0.	20	5	C99	0.15
15031	2125D	3.	17.	28.	132.	4	90.	0.03000	3.25	0.00	0.	20	5	C99	0.15
15031	2126CD	28.	132.	66.	276.	4	270.	0.02600	4.25	0.00	0.	20	0	C99	0.00
15031	2127C	1.	6.	67.	279.	4	50.	0.02000	4.50	0.00	0.	20	5	C99	0.50
15031	2128E	3.	15.	3.	15.	4	290.	0.05200	2.00	0.00	0.	20	6	C99	0.00
15031	2129E	1.	6.	4.	20.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.90
15031	2130E	1.	6.	5.	25.	4	50.	0.01800	2.00	0.00	0.	20	5	C99	0.90
15031	2131E	2.	10.	7.	35.	4	530.	0.05000	2.00	0.00	0.	20	6	C99	0.23
15031	2132E	1.	6.	8.	39.	4	170.	0.01000	2.50	0.00	0.	20	5	C99	0.90
15031	2133E	1.	6.	9.	42.	4	730.	0.01400	2.50	0.00	0.	20	5	C99	0.50
15031	2134E	1.	6.	10.	44.	4	140.	0.01900	2.25	0.00	0.	20	5	C99	0.50
15031	2135E	1.	6.	11.	47.	4	90.	0.01900	2.50	0.00	0.	20	5	C99	0.50
15031	2136CE	11.	47.	78.	323.	4	250.	0.01900	4.75	0.00	0.	20	0	C99	0.00
15031	2137C	0.	0.	78.	319.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2138C	0.	0.	78.	319.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2139C	1.	6.	79.	323.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.80
15031	2140C	3.	17.	82.	335.	4	350.	0.01260	5.25	0.00	0.	20	5	C99	0.15
15031	2141C	3.	17.	85.	341.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.15
15031	2142C	1.	6.	86.	344.	4	250.	0.01260	5.25	0.00	0.	20	5	C99	0.90
15031	2143C	0.	0.	86.	342.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2144F	4.	22.	4.	59.	4	630.	0.08200	2.00	0.00	0.	20	5	C99	0.00
15031	2145F	2.	10.	6.	60.	0	0.	0.00000	0.00	0.00	0.	20	6	C99	0.13
15031	2146F	3.	17.	9.	63.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.13
15031	2147F	3.	17.	12.	65.	4	200.	0.05700	2.25	0.00	0.	20	5	C99	0.13
15031	2148F	1.	6.	13.	66.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.13
15031	2149F	3.	17.	16.	82.	4	320.	0.02000	3.00	0.00	0.	20	5	C99	0.13
15031	2150D	0.	0.	0.	132.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2151D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2152D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952															
CALLEGUAS	CRK. W/EXI	STG. DAMS &	INC	CONEJO, Q100P,	DBT/DL/OR,	11/2002					CONTROL	SOIL	STORM	DAY 4	
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONV	Q	NAME	TC	RAI N	PCT
AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	Z				ZONE	IMPV
15031	2153D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2154D	4.	22.	4.	22.	4	850.	0.09500	2.00	0.00	0.	20	5	C99	0.00
15031	2155D	4.	20.	8.	40.	0	0.	0.00000	0.00	0.00	0.	20	6	C99	0.13
15031	2156D	4.	20.	12.	60.	4	70.	0.09500	2.00	0.00	0.	20	6	C99	0.13
15031	2157DF	16.	80.	28.	140.	4	400.	0.04750	3.00	0.00	0.	20	0	C99	0.00
15031	2158E	0.	0.	0.	47.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2159E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2160E	5.	28.	5.	28.	4	800.	0.08400	2.00	0.00	0.	20	5	C99	0.00
15031	2161E	5.	22.	10.	48.	0	0.	0.00000	0.00	0.00	0.	20	7	C99	0.13

CALLEGUA. 990

15031	2162E	3.	13.	13.	61.	4	250.	0.03100	2.50	0.00	0.	20	7	C99	0.15
15031	2163E	2.	11.	15.	70.	4	200.	0.03100	2.50	0.00	0.	20	5	C99	0.15
15031	2164E	1.	6.	16.	74.	4	80.	0.03100	2.50	0.00	0.	20	5	C99	0.13
15031	2165F	4.	22.	4.	22.	4	920.	0.10300	2.00	0.00	0.	20	5	C99	0.00
15031	2166F	3.	17.	7.	35.	4	30.	0.03000	2.00	0.00	0.	20	5	C99	0.15
15031	2167F	4.	22.	11.	57.	4	40.	0.03000	2.25	0.00	0.	20	5	C99	0.15
15031	2168EF	11.	56.	27.	128.	4	70.	0.03000	3.25	0.00	0.	20	0	C99	0.00
15031	2169E	1.	6.	28.	132.	4	10.	0.03000	3.25	0.00	0.	20	5	C99	0.15
15031	2170E	3.	17.	31.	147.	4	30.	0.03000	3.25	0.00	0.	20	5	C99	0.15
15031	2171DE	31.	147.	59.	282.	4	230.	0.00600	5.75	0.00	0.	20	0	C99	0.00
15031	2172D	1.	6.	60.	281.	4	50.	0.00600	5.75	0.00	0.	20	5	C99	0.50
15031	2173CD	60.	281.	146.	611.	4	460.	0.01260	6.50	0.00	0.	20	0	C99	0.00
15031	2174C	1.	6.	147.	610.	4	350.	0.01000	6.75	0.00	0.	20	5	C99	0.50
15031	2175C	1.	6.	148.	605.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.90
15031	2176C	1.	6.	149.	607.	4	370.	0.01000	6.75	0.00	0.	20	5	C99	0.80
15031	2177C	1.	6.	150.	603.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.80
15031	2178C	6.	29.	156.	619.	4	100.	0.01000	6.75	0.00	0.	20	6	C99	0.00
15031	2179D	25.	138.	25.	138.	4	380.	0.08000	2.75	0.00	0.	20	5	C99	0.00
15031	2180D	1.	6.	26.	136.	4	85.	0.08000	2.75	0.00	0.	20	5	C99	0.00
15031	2181D	3.	16.	29.	150.	4	10.	0.01000	4.00	0.00	0.	30	5	C99	0.13
15031	2182D	2.	11.	31.	160.	4	10.	0.01000	4.25	0.00	0.	30	5	C99	0.13
15031	2183E	2.	10.	2.	10.	4	350.	0.01500	2.00	0.00	0.	30	5	C99	0.00
15031	2184E	2.	11.	4.	20.	4	60.	0.01500	2.00	0.00	0.	20	5	C99	0.15
15031	2185DE	4.	19.	35.	179.	4	270.	0.01000	4.25	0.00	0.	20	0	C99	0.00
15031	2186D	2.	9.	37.	185.	4	280.	0.01000	4.50	0.00	0.	40	6	C99	0.15
15031	2187D	5.	28.	42.	200.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.12
15031	2188D	1.	6.	43.	205.	4	540.	0.04200	3.50	0.00	0.	20	5	C99	0.15
15031	2189D	1.	5.	44.	207.	0	0.	0.00000	0.00	0.00	0.	40	5	C99	0.50
15031	2190D	1.	5.	45.	211.	4	90.	0.01000	4.50	0.00	0.	40	5	C99	0.50
15031	2191CD	45.	209.	201.	794.	4	260.	0.01000	7.50	0.00	0.	20	0	C99	0.00
15031	2192C	0.	0.	201.	790.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2193C	0.	0.	201.	790.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2194C	0.	0.	201.	790.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2195C	0.	0.	201.	790.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2196C	0.	0.	201.	790.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2197C	0.	0.	201.	790.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2198C	7.	35.	208.	804.	4	370.	0.01000	7.50	0.00	0.	40	5	C99	0.15
15031	2199C	0.	0.	208.	796.	0	0.	0.00000	0.00	0.00	0.	40	99	C99	0.00
15031	2200D	4.	20.	4.	20.	4	70.	0.01000	2.00	0.00	0.	40	5	C99	0.19
15031	2201D	1.	6.	5.	25.	4	60.	0.01000	2.25	0.00	0.	20	5	C99	0.50
15031	2202CD	5.	25.	213.	808.	0	0.	0.00000	0.00	0.00	0.	20	0	C99	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	DAY 4 PCT IMPV
15031	2203C	0.	213.	808.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2204C	1.	214.	811.	4	350.	0.01000	7.50	0.00	0.	20	5	C99	0.90
15031	2205C	2.	216.	806.	4	200.	0.02500	6.50	0.00	0.	40	5	C99	0.15
15031	2206C	1.	217.	806.	4	180.	0.02500	6.50	0.00	0.	20	5	C99	0.50
15031	2207C	0.	217.	804.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2208C	0.	217.	804.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2209C	0.	217.	804.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2210E	13.	13.	57.	4	180.	0.02000	2.50	0.00	0.	20	7	C99	0.00
15031	2211E	0.	13.	57.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2212E	2.	15.	66.	4	40.	0.02000	2.75	0.00	0.	30	5	C99	0.13
15031	2213E	1.	16.	71.	4	160.	0.07000	2.25	0.00	0.	30	5	C99	0.15
15031	2214E	2.	18.	79.	4	350.	0.05500	2.50	0.00	0.	40	5	C99	0.15
15031	2215E	3.	21.	92.	4	160.	0.04500	2.50	0.00	0.	40	5	C99	0.15
15031	2216E	1.	22.	96.	4	150.	0.04000	2.75	0.00	0.	40	5	C99	0.50

CALLEGUA. 990															
15031	2217CE	22.	95.	239.	864.	4	130.	0.04300	6.00	0.00	0.	20	0	C99	0.00
15031	2218C	2.	10.	241.	866.	4	320.	0.03900	6.00	0.00	0.	40	5	C99	0.15
15031	2219C	1.	6.	242.	866.	4	50.	0.04300	6.00	0.00	0.	30	5	C99	0.90
15031	2220C	2.	10.	244.	868.	4	330.	0.01800	7.00	0.00	0.	40	5	C99	0.30
15031	2221CF	0.	69.	244.	794.	0	0.	0.00000	0.00	0.00	92.	10	0	C99	0.00
15031	2222F	0.	0.	0.	69.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	2223F	7.	36.	7.	82.	0	0.	0.00000	0.00	0.00	0.	30	5	C99	0.00
15031	2224D	10.	46.	10.	46.	4	150.	0.03000	2.25	0.00	0.	30	6	C99	0.00
15031	2225D	1.	6.	11.	51.	4	90.	0.03000	2.25	0.00	0.	20	5	C99	0.00
15031	2226D	5.	23.	16.	74.	4	20.	0.03000	2.50	0.00	0.	30	6	C99	0.08
15031	2227D	3.	16.	19.	87.	4	320.	0.03000	2.75	0.00	0.	30	5	C99	0.15
15031	2228CD	19.	87.	263.	835.	4	100.	0.01800	6.75	0.00	0.	30	0	C99	0.00
15031	2229C	2.	11.	265.	836.	4	200.	0.04250	5.75	0.00	0.	30	5	C99	0.40
15031	2230E	2.	11.	2.	11.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.20
15031	2231E	3.	16.	5.	27.	4	170.	0.02400	2.00	0.00	0.	30	5	C99	0.00
15031	2232E	3.	17.	8.	42.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.20
15031	2233E	11.	50.	19.	93.	4	220.	0.02400	3.00	0.00	0.	30	6	C99	0.00
15031	2234F	2.	11.	9.	90.	4	80.	0.01000	3.50	0.00	0.	30	5	C99	0.15
15031	2235F	1.	5.	10.	95.	4	80.	0.01000	3.50	0.00	0.	30	5	C99	0.50
15031	2236EF	10.	94.	29.	184.	4	70.	0.02600	3.75	0.00	0.	10	0	C99	0.00
15031	2237E	2.	11.	31.	193.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.00
15031	2238E	0.	0.	31.	193.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2239E	0.	0.	31.	193.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2240F	3.	17.	3.	17.	4	40.	0.01000	2.00	0.00	0.	20	5	C99	0.15
15031	2241F	1.	4.	4.	21.	4	100.	0.01000	2.00	0.00	0.	30	7	C99	0.30
15031	2242EF	4.	20.	35.	213.	4	420.	0.05550	3.50	0.00	0.	20	0	C99	0.00
15031	2243E	1.	6.	36.	215.	4	660.	0.06000	3.25	0.00	0.	20	5	C99	0.00
15031	2244E	3.	16.	39.	223.	0	0.	0.00000	0.00	0.00	0.	30	5	C99	0.40
15031	2245E	3.	17.	42.	235.	4	300.	0.02500	4.00	0.00	0.	20	5	C99	0.20
15031	2246CE	42.	232.	307.	1027.	4	100.	0.01640	7.50	0.00	0.	30	0	C99	0.00
15031	2247CF	0.	20.	307.	1025.	0	0.	0.00000	0.00	0.00	0.	30	0	C99	0.00
15031	2248C	0.	0.	307.	1025.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2249C	0.	0.	307.	1025.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2250C	0.	0.	307.	1025.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2251C	0.	0.	307.	1025.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2252C	0.	0.	307.	1025.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATI ON	SUBAREA	STG. Q	DAMS SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	STORM RAI N ZONE	DAY 4 PCT I MPV
15031	2253C	0.	0.	307.	1025.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2254C	0.	0.	307.	1025.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2255D	2.	11.	2.	11.	4	250.	0.01500	2.00	0.00	0.	20	5	C99	0.00
15031	2256D	3.	16.	5.	26.	4	40.	0.05000	2.00	0.00	0.	30	5	C99	0.13
15031	2257D	10.	55.	15.	81.	4	440.	0.06800	2.25	0.00	0.	20	5	C99	0.00
15031	2258D	3.	14.	18.	90.	0	0.	0.00000	0.00	0.00	0.	30	6	C99	0.13
15031	2259D	2.	11.	20.	100.	4	200.	0.07100	2.50	0.00	0.	20	5	C99	0.13
15031	2260D	5.	25.	25.	124.	4	220.	0.01340	3.50	0.00	0.	20	6	C99	0.13
15031	2261D	3.	17.	28.	136.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.13
15031	2262D	0.	0.	28.	136.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2263D	0.	0.	28.	136.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2264D	0.	0.	28.	136.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2265F	1.	6.	1.	6.	4	260.	0.00900	2.00	0.00	0.	20	5	C99	0.00
15031	2266F	2.	11.	3.	16.	0	0.	0.00000	0.00	0.00	0.	20	5	C99	0.00
15031	2267F	1.	6.	4.	21.	4	60.	0.01000	2.00	0.00	0.	20	5	C99	0.90
15031	2268F	1.	6.	5.	26.	4	70.	0.02000	2.00	0.00	0.	20	5	C99	0.90
15031	2269DF	5.	26.	33.	162.	4	320.	0.06900	3.00	0.00	0.	10	0	C99	0.00
15031	2270D	1.	5.	34.	164.	4	40.	0.05000	3.25	0.00	0.	30	5	C99	0.13
15031	2271D	2.	11.	36.	173.	4	240.	0.02600	3.50	0.00	0.	30	5	C99	0.15

CALLEGUA. 990															
15031	2272D	2.	11.	38.	177.	0	0.	0.00000	0.00	0.00	0.	30	5	C99	0.13
15031	2273D	4.	19.	42.	195.	4	70.	0.01000	4.50	0.00	0.	30	6	C99	0.13
15031	2274CD	42.	194.	349.	1178.	0	0.	0.00000	0.00	0.00	0.	30	0	C99	0.00
15031	2275C	9.	44.	358.	1209.	0	0.	0.00000	0.00	0.00	0.	20	6	C99	0.00

 * HYDROGRAPH FATTENED AT 2275C *
 * INCOMING HYDROGRAPH PEAK = 1209.09 INCOMING HYDROGRAPH VOLUME = 168.57 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.97400 RUNOFF FACTOR = 6.20 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 1177.65 ADJUSTED HYDROGRAPH VOLUME = 164.19 AC. FT. *
 * ADJ/FATTENED HYDROGRAPH PEAK = 1177.65 ADJ/FATTENED HYDROGRAPH VOLUME = 184.95 AC. FT. *

 * RESERVOIR ROUTING AT 2275C *
 * INCOMING HYDROGRAPH PEAK = 1177.65 INCOMING HYDROGRAPH VOLUME = 184.95 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.97400 *
 * RESERVOIR INFLOW PEAK = 1177.65 TIME OF PEAK = 1156 VOLUME UNDER INFLOW HYDROGRAPH = 184.95 AC. FT. *
 * MAXIMUM ELEVATION = 807.05 TIME = 1174 SPI L LAGE ELEVATI ON = 810.00 DI FFERENCE = -2.95 *
 * SPI LLED FROM **** TO 1237 FOR **** MINUTES *
 * RESERVOIR OUTFLOW PEAK = 325.48 TIME OF PEAK = 1174 VOLUME UNDER OUTFLOW HYDROGRAPH = 175.15 AC. FT. *

15031	2275C	9.	44.	358.	325.	0	0.	0.00000	0.00	0.00	0.	20	8	C99	0.00
15031	2276CF	0.	325.	358.	0.	0	0.	0.00000	0.00	0.00	329.	10	0	C99	0.00
15031	2276F	0.	0.	0.	325.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2277F	0.	0.	0.	325.	4	800.	0.01900	4.75	0.00	0.	10	99	C99	0.00
15031 2278F	0.	0.	0.	325.	6	1250.	0.00157	20.00	4.00	0.	10	99	C99	0.00
15031 2279E	0.	0.	0.	232.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031 2280E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031 2281E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031 2282E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031 2283E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031 2284E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031 2285E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031 2286E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	30	99	C99	0.00
15031 2287E	90.	265.	90.	265.	6	1250.	0.00900	11.00	1.00	0.	30	13	C99	0.12
15031 2288E	0.	0.	90.	261.	5	900.	0.01100	6.00	0.00	0.	20	99	C99	0.00
15031 2289E	0.	0.	90.	260.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031 2290E	0.	0.	90.	260.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031 2291C	48.	181.	406.	181.	6	1300.	0.09224	20.00	4.00	0.	20	9	C99	0.01
15031 2292C	72.	230.	478.	388.	0	0.	0.00000	0.00	0.00	0.	20	12	C99	0.00
15031 2293C	80.	269.	558.	644.	6	1500.	0.01940	20.00	4.00	0.	20	11	C99	0.01
15031 2294C	49.	163.	607.	675.	6	500.	0.01869	20.00	4.00	0.	30	10	C99	0.00
15031 2295C	77.	258.	684.	861.	6	1600.	0.00939	20.00	4.00	0.	20	11	C99	0.00
15031 2296C	30.	96.	714.	786.	0	0.	0.00000	0.00	0.00	0.	20	12	C99	0.00
15031 2297C	72.	255.	786.	837.	6	1900.	0.00959	20.00	4.00	0.	20	10	C99	0.00
15031 2298C	67.	223.	853.	834.	4	1600.	0.02600	20.00	4.00	0.	30	10	C99	0.00
15031 2299C	74.	178.	927.	870.	0	0.	0.00000	0.00	0.00	0.	40	16	C99	0.00
15031 2300BC	927.	870.	1611.	1557.	0	0.	0.00000	0.00	0.00	0.	20	0	C99	0.00

 * HYDROGRAPH FATTENED AT 2300BC *
 * INCOMING HYDROGRAPH PEAK = 1557.24 INCOMING HYDROGRAPH VOLUME = 412.56 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.88000 RUNOFF FACTOR = 4.06 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 1370.37 ADJUSTED HYDROGRAPH VOLUME = 363.05 AC. FT. *
 * ADJ/FATTENED HYDROGRAPH PEAK = 1370.37 ADJ/FATTENED HYDROGRAPH VOLUME = 544.79 AC. FT. *

15031	2300BC	0.	870.	1611.	1370.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
-------	--------	----	------	-------	-------	---	----	---------	------	------	----	---	---	---	------

CALLEGUA. 990															
15031	2301BF	0.	321.	1611.	1676.	6	700.	0.00631	18.00	1.00	0.	20	0	C99	0.00
15031	2302B	0.	0.	1611.	1675.	6	550.	0.00631	18.00	1.00	0.	20	99	C99	0.00
15031	2303B	0.	0.	1611.	1675.	6	600.	0.00079	18.00	2.00	0.	20	99	C99	0.00
15031	2304B	0.	0.	1611.	1674.	6	350.	0.00079	18.00	2.00	0.	20	99	C99	0.00
15031	2305B	0.	0.	1611.	1673.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2306B	0.	0.	1611.	1673.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2307C	0.	0.	0.	870.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	2308C	54.	185.	54.	185.	4	2200.	0.08000	3.00	0.00	0.	10	12	C99	0.08
15031	2309C	61.	181.	115.	361.	0	0.	0.00000	0.00	0.00	0.	20	14	C99	0.08
15031	2310C	51.	157.	166.	516.	4	1900.	0.03900	5.00	0.00	0.	20	13	C99	0.07
15031	2311D	0.	0.	0.	194.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2312D	37.	121.	37.	121.	3	1450.	0.04500	0.00	0.00	0.	20	12	C99	0.20
15031	2313CD	37.	115.	203.	626.	4	550.	0.02900	5.75	0.00	0.	20	0	C99	0.00
15031	2314C	54.	186.	257.	799.	4	550.	0.02900	6.25	0.00	0.	10	12	C99	0.20
15031	2315C	41.	136.	298.	925.	0	0.	0.00000	0.00	0.00	0.	10	13	C99	0.20
15031	2316D	0.	0.	0.	115.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2317D	58.	179.	58.	179.	3	850.	0.06800	0.00	0.00	0.	20	13	C99	0.07
15031	2318D	39.	140.	97.	313.	0	0.	0.00000	0.00	0.00	0.	10	11	C99	0.10

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	STORM	DAY 4		
	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	RAIN	PCT	IMPV
15031	2319CD	97.	313.	395.	1230.	5	1100.	0.01400	11.00	0.00	0.	20	0	C99	0.00
15031	2320C	36.	123.	431.	1340.	0	0.	0.00000	0.00	0.00	0.	20	11	C99	0.18
15031	2321D	45.	136.	45.	136.	3	1100.	0.01800	0.00	0.00	0.	20	14	C99	0.20
15031	2322CD	45.	129.	476.	1466.	5	1350.	0.00830	13.00	0.00	0.	10	0	C99	0.00
15031	2323C	34.	117.	510.	1556.	0	0.	0.00000	0.00	0.00	0.	10	12	C99	0.23
15031	2324D	55.	182.	55.	182.	5	1600.	0.03800	5.00	0.00	0.	10	13	C99	0.13
15031	2325CD	55.	180.	565.	1730.	5	600.	0.00830	13.00	0.00	0.	10	0	C99	0.00
15031	2326C	34.	117.	599.	1822.	5	300.	0.01200	13.00	0.00	0.	10	12	C99	0.20
15031	2327C	49.	169.	648.	1967.	5	800.	0.00500	15.00	0.00	0.	10	12	C99	0.23
15031	2328CE	90.	260.	738.	2208.	5	550.	0.00900	14.00	0.00	0.	10	0	C99	0.00
15031	2329C	0.	0.	738.	2201.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2330C	47.	193.	785.	2235.	5	800.	0.01100	14.00	0.00	0.	40	7	C99	0.23
15031	2331C	0.	0.	785.	2228.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	2332C	82.	352.	867.	2316.	5	150.	0.01100	14.00	0.00	0.	10	8	C99	0.17
15031	2333C	66.	265.	933.	2446.	6	215.	0.00048	18.00	1.00	0.	10	9	C99	0.13

* HYDROGRAPH FATTENED AT 2333C *
* INCOMING HYDROGRAPH PEAK = 2439.77 INCOMING HYDROGRAPH VOLUME = 562.60 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.88000 RUNOFF FACTOR = 7.14 IN. *
* ADJUSTED HYDROGRAPH PEAK = 2147.00 ADJUSTED HYDROGRAPH VOLUME = 495.09 AC. FT. *
* ADJ/FATTENED HYDROGRAPH PEAK = 2147.00 ADJ/FATTENED HYDROGRAPH VOLUME = 554.89 AC. FT. *

15031	2333C	66.	265.	933.	2147.	0	0.	0.00000	0.00	0.00	0.	0	9	0	0.00
15031	2334BC	933.	2147.	2544.	3652.	0	0.	0.00000	0.00	0.00	0.	20	0	C99	0.00
15031	2335B	0.	0.	2544.	3652.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	2336BF	0.	1452.	2544.	2200.	0	0.	0.00000	0.00	0.00	2200.	20	0	C99	0.00
15031	2336F	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
15031	2337C	0.	187.	0.	187.	0	0.	0.00000	0.00	0.00	0.	20	0	C99	0.00
15031	2338BC	0.	187.	2544.	2387.	1	1285.	0.01400	0.00	0.00	0.	10	0	C99	0.00
15031	2339B	23.	82.	2567.	2349.	0	0.	0.00000	0.00	0.00	0.	20	10	C99	0.00
15031	2340B	0.	0.	2567.	2349.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	2341C	15.	70.	15.	70.	4	90.	0.04000	2.50	0.00	0.	10	7	C99	0.03
15031	2342C	3.	12.	18.	81.	4	50.	0.04000	2.50	0.00	0.	10	10	C99	0.99
15031	2343D	18.	59.	18.	59.	4	760.	0.04000	2.25	0.00	0.	10	10	B98	0.00
15031	2344D	30.	98.	48.	155.	4	650.	0.06000	3.00	0.00	0.	10	10	B98	0.02
15031	2345D	6.	24.	54.	176.	4	50.	0.06000	3.25	0.00	0.	10	7	B98	0.11
15031	2346D	21.	72.	75.	247.	4	50.	0.06000	3.50	0.00	0.	20	8	B98	0.00

CALLEGUA. 990

```

*****
*                                     CONFLUENCE Q' S                                     *
* 15031 2347C TC 1154 QC      81. QCD      321. QD      240. 15031 2347D TD 1155 QD      246. QDC      328. QC      81. *
*                                     15031 2347CD TCD 1155 QCD      328. QC      81. QD      246. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2347CD	75.	246.	93.	328.	4	750.	0.05333	4.00	0.00	0.	20	0	B98	0.00
15031 2348C	3.	14.	96.	334.	0	0.	0.00000	0.00	0.00	0.	10	5	B98	0.32
15031 2349D	11.	43.	11.	43.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK.W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

```

*****
*                                     CONFLUENCE Q' S                                     *
* 15031 2350C TC 1156 QC      334. QCD      370. QD      36. 15031 2350D TD 1153 QD      43. QDC      330. QC      286. *
*                                     15031 2350CD TCD 1155 QCD      374. QC      332. QD      42. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2350CD	11.	43.	107.	374.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 2351C	11.	38.	118.	412.	4	150.	0.04000	4.50	0.00	0.	10	9	B98	0.00
15031 2352C	0.	0.	118.	410.	2	670.	0.03900	0.00	0.00	0.	10	99	B98	0.00
15031 2353C	5.	24.	123.	422.	0	0.	0.00000	0.00	0.00	0.	10	5	B98	0.00
15031 2354D	7.	30.	7.	30.	4	350.	0.03000	2.00	0.00	0.	10	6	B98	0.00
15031 2355D	3.	14.	10.	42.	4	50.	0.03000	2.25	0.00	0.	10	5	B98	0.23
15031 2356E	4.	17.	4.	17.	4	28.	0.00750	2.00	0.00	0.	10	6	B98	0.00
15031 2357E	2.	10.	6.	27.	0	0.	0.00000	0.00	0.00	0.	10	5	B98	0.50

```

*****
*                                     CONFLUENCE Q' S                                     *
* 15031 2358D TD 1154 QD      42. QDE      68. QE      26. 15031 2358E TE 1153 QE      27. QED      68. QD      41. *
*                                     15031 2358DE TDE 1154 QDE      68. QD      42. QE      26. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2358DE	6.	27.	16.	68.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

```

*****
*                                     CONFLUENCE Q' S                                     *
* 15031 2359C TC 1156 QC      422. QCD      477. QD      55. 15031 2359D TD 1154 QD      68. QDC      438. QC      370. *
*                                     15031 2359CD TCD 1156 QCD      477. QC      422. QD      55. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2359CD	16.	68.	139.	477.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 2360E	31.	94.	31.	94.	4	1320.	0.04000	2.75	0.00	0.	20	10	B98	0.00
15031 2361E	35.	121.	66.	209.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.05
15031 2362E	1.	5.	67.	212.	0	0.	0.00000	0.00	0.00	0.	10	5	B98	0.64

```

*****
*                                     CONFLUENCE Q' S                                     *
* 15031 2363C TC 1156 QC      477. QCE      689. QE      212. 15031 2363E TE 1155 QE      212. QEC      678. QC      466. *
*                                     15031 2363CE TCE 1156 QCE      689. QC      477. QE      212. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2363CE	67.	212.	206.	689.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUA. 990

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
HYDROGRAPH FATTENED AT 2363CE														
* INCOMING HYDROGRAPH PEAK	=		689.14									63.15	AC. FT.	*
* HYDROGRAPH ADJUSTMENT FACTOR	=		1.00000									4.66	IN.	*
* ADJUSTED HYDROGRAPH PEAK	=		689.14									63.15	AC. FT.	*
* ADJ/FATTENED HYDROGRAPH PEAK	=		689.14									79.98	AC. FT.	*
RESERVOIR ROUTING AT 2363CE														
* INCOMING HYDROGRAPH PEAK	=		689.14									79.98	AC. FT.	*
* HYDROGRAPH ADJUSTMENT FACTOR	=		1.00000											*
* RESERVOIR INFLOW PEAK	=	689.14			1156							79.98	AC. FT.	*
* MAXIMUM ELEVATION	=	900.98			1168					900.10				+0.88
* SPILLED FROM 1159 TO 1193 FOR 35 MINUTES														
* RESERVOIR OUTFLOW PEAK	=	180.78			1168							75.73	AC. FT.	*
15031 2363CE	0.	212.	206.	181.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031 2364C	0.	0.	206.	181.	2	560.	0.03800	0.00	0.00	0.	10	99	B98	0.00
15031 2365D	4.	17.	4.	17.	0	0.	0.00000	0.00	0.00	0.	30	5	B98	0.00
15031 2366E	17.	73.	17.	73.	4	1340.	0.06000	2.25	0.00	0.	10	6	B98	0.00
15031 2367E	20.	73.	37.	142.	4	50.	0.02000	3.50	0.00	0.	10	8	B98	0.07
15031 2368E	1.	5.	38.	146.	4	50.	0.02000	3.50	0.00	0.	10	5	B98	0.60
CONFLUENCE Q'S														
* 15031 2369D TD 1153 QD		17. QDE	147. QE	130.	15031	2369E	TE 1155 QE	145. QED	158. QD	12. QE	145.			12.
		15031	2369DE	TDE 1155 QDE	158. QD	12. QE	145.							
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2369DE	38.	145.	42.	158.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
HYDROGRAPH FATTENED AT 2369DE														
* INCOMING HYDROGRAPH PEAK	=		157.52									12.14	AC. FT.	*
* HYDROGRAPH ADJUSTMENT FACTOR	=		1.00000									4.97	IN.	*
* ADJUSTED HYDROGRAPH PEAK	=		157.52									12.14	AC. FT.	*
* ADJ/FATTENED HYDROGRAPH PEAK	=		157.52									17.39	AC. FT.	*
VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952														
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2369DE	0.	145.	42.	158.	0	0.	0.00000	0.00	0.00	0.	0	6	0	0.00
15031 2370D	0.	0.	42.	158.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
CONFLUENCE Q'S														
* 15031 2371C TC 1169 QC		181. QCD	217. QD	36.	15031	2371D	TD 1155 QD	158. QDC	321. QC	166. QD	155.			163.
		15031	2371CD	TCD 1156 QCD	321. QC	166. QD	155.							
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2371CD	42.	158.	248.	321.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
RESERVOIR ROUTING AT 2371CD														
* INCOMING HYDROGRAPH PEAK	=		321.11									93.12	AC. FT.	*
* HYDROGRAPH ADJUSTMENT FACTOR	=		1.00000											*
* RESERVOIR INFLOW PEAK	=	321.11			1156							93.12	AC. FT.	*

CALLEGUA. 990

* MAXIMUM ELEVATION = 882.70 TIME = 1261 SPILLAGE ELEVATION = 882.00 DIFFERENCE = +0.70 *

* SPILLED FROM 1206 TO 1290 FOR 85 MINUTES

* RESERVOIR OUTFLOW PEAK = 148.13 TIME OF PEAK = 1261 VOLUME UNDER OUTFLOW HYDROGRAPH = 88.87 AC. FT. *

```
*****
15031 2371CD 0. 158. 248. 148. 0 0. 0.00000 0.00 0.00 0. 0 0 0 0.00
15031 2372C 0. 0. 248. 148. 2 660. 0.02270 0.00 0.00 0. 10 99 B98 0.00
15031 2373D 6. 26. 6. 26. 0 0. 0.00000 0.00 0.00 0. 30 5 B98 0.00
15031 2374E 47. 167. 47. 167. 4 700. 0.12000 2.75 0.00 0. 20 10 C99 0.03
15031 2375E 3. 14. 50. 179. 0 0. 0.00000 0.00 0.00 0. 10 5 B98 0.00
15031 2376F 6. 29. 6. 29. 4 340. 0.01230 2.25 0.00 0. 10 5 B98 0.23
*****
```

CONFLUENCE Q' S

* 15031 2377E TE 1154 QE 179. QEF 206. QF 27. 15031 2377F TF 1154 QF 27. QFE 206. QE 179. *

* 15031 2377EF TEF 1154 QEF 206. QE 179. QF 27. *

```
*****
LOCATION SUBAREA SUBAREA TOTAL TOTAL CONV CONV CONV CONV CONTROL SOIL RAIN PCT
AREA Q AREA Q TYPE LENGH SLOPE SIZE Z Q NAME TC ZONE IMPV
15031 2377EF 6. 27. 56. 206. 4 350. 0.03500 3.75 0.00 0. 10 0 B98 0.00
15031 2378E 0. 0. 56. 203. 0 0. 0.00000 0.00 0.00 0. 10 99 B98 0.00
15031 2379F 4. 17. 4. 17. 4 180. 0.11000 2.00 0.00 0. 30 5 B98 0.00
*****
```

CONFLUENCE Q' S

* 15031 2380E TE 1155 QE 203. QEF 216. QF 13. 15031 2380F TF 1153 QF 17. QFE 200. QE 183. *

* 15031 2380EF TEF 1154 QEF 217. QE 201. QF 15. *

```
*****
LOCATION SUBAREA SUBAREA TOTAL TOTAL CONV CONV CONV CONV CONTROL SOIL RAIN PCT
AREA Q AREA Q TYPE LENGH SLOPE SIZE Z Q NAME TC ZONE IMPV
```

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

```
*****
LOCATION SUBAREA SUBAREA TOTAL TOTAL CONV CONV CONV CONV CONTROL SOIL RAIN PCT
AREA Q AREA Q TYPE LENGH SLOPE SIZE Z Q NAME TC ZONE IMPV
15031 2380EF 4. 17. 60. 217. 4 200. 0.03500 3.75 0.00 0. 30 0 B98 0.00
15031 2381E 0. 0. 60. 216. 0 0. 0.00000 0.00 0.00 0. 30 99 B98 0.00
15031 2382F 9. 39. 9. 39. 4 500. 0.06800 2.00 0.00 0. 10 8 C99 0.00
*****
```

CONFLUENCE Q' S

* 15031 2383E TE 1155 QE 216. QEF 255. QF 39. 15031 2383F TF 1155 QF 39. QFE 255. QE 216. *

* 15031 2383EF TEF 1155 QEF 255. QE 216. QF 39. *

```
*****
LOCATION SUBAREA SUBAREA TOTAL TOTAL CONV CONV CONV CONV CONTROL SOIL RAIN PCT
AREA Q AREA Q TYPE LENGH SLOPE SIZE Z Q NAME TC ZONE IMPV
15031 2383EF 9. 39. 69. 255. 4 100. 0.03500 4.00 0.00 0. 10 0 B98 0.00
15031 2384E 7. 31. 76. 277. 4 30. 0.06000 3.75 0.00 0. 30 5 B98 0.23
15031 2385F 8. 38. 8. 38. 4 280. 0.11000 2.00 0.00 0. 10 5 B98 0.00
15031 2386F 8. 32. 16. 69. 0 0. 0.00000 0.00 0.00 0. 10 7 B98 0.23
*****
```

CONFLUENCE Q' S

* 15031 2387E TE 1155 QE 277. QEF 337. QF 60. 15031 2387F TF 1153 QF 69. QFE 324. QE 255. *

* 15031 2387EF TEF 1154 QEF 342. QE 275. QF 67. *

```
*****
LOCATION SUBAREA SUBAREA TOTAL TOTAL CONV CONV CONV CONV CONTROL SOIL RAIN PCT
AREA Q AREA Q TYPE LENGH SLOPE SIZE Z Q NAME TC ZONE IMPV
15031 2387EF 16. 69. 92. 342. 4 460. 0.06000 4.00 0.00 0. 10 0 B98 0.00
15031 2388E 8. 35. 100. 365. 4 250. 0.02000 5.00 0.00 0. 30 5 B98 0.23
15031 2389E 9. 32. 109. 396. 4 200. 0.03000 4.75 0.00 0. 30 7 B98 0.23
15031 2390E 3. 15. 112. 405. 4 60. 0.02000 5.25 0.00 0. 30 5 B98 0.99
*****
```

CONFLUENCE Q' S

* 15031 2391D TD 1153 QD 26. QDE 375. QE 350. 15031 2391E TE 1155 QE 405. QED 423. QD 18. *

CALLEGUA. 990

***** 15031 2391DE TDE 1155 QDE 423. QD 18. QE 405. *****

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
15031 2391DE	112.	405.	118.	423.	0	0.	0.00000	0.00	0.00	0.	30 0	B98	0.00
15031 2392D	0.	0.	118.	423.	0	0.	0.00000	0.00	0.00	0.	30 99	B98	0.00

HYDROGRAPH FATTENED AT 2392D

* INCOMING HYDROGRAPH PEAK	=	423.14	INCOMING HYDROGRAPH VOLUME	=	45.57 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR	=	1.00000	RUNOFF FACTOR	=	4.91 IN.
* ADJUSTED HYDROGRAPH PEAK	=	423.14	ADJUSTED HYDROGRAPH VOLUME	=	45.57 AC. FT.
* ADJ/FATTENED HYDROGRAPH PEAK	=	423.14	ADJ/FATTENED HYDROGRAPH VOLUME	=	48.29 AC. FT.

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
15031 2392D	0.	0.	118.	423.	0	0.	0.00000	0.00	0.00	0.	0 6	0	0.00
15031 2393D	0.	0.	118.	423.	0	0.	0.00000	0.00	0.00	0.	30 99	B98	0.00
15031 2394D	0.	0.	118.	423.	0	0.	0.00000	0.00	0.00	0.	30 99	B98	0.00
15031 2395E	12.	47.	12.	47.	4	1520.	0.05000	2.00	0.00	0.	10 7	B98	0.00
15031 2396E	30.	111.	42.	152.	4	350.	0.03000	3.25	0.00	0.	20 7	B98	0.05
15031 2397E	1.	5.	43.	154.	0	0.	0.00000	0.00	0.00	0.	10 5	B98	0.99
15031 2398F	16.	55.	16.	55.	0	0.	0.00000	0.00	0.00	0.	10 9	B98	0.23
15031 2399F	4.	18.	20.	74.	4	600.	0.00400	3.75	0.00	0.	20 5	B98	0.23
15031 2400F	4.	19.	24.	83.	0	0.	0.00000	0.00	0.00	0.	10 5	B98	0.00
15031 2401F	4.	18.	28.	97.	4	600.	0.00500	4.00	0.00	0.	20 5	B98	0.12
15031 2402F	1.	5.	29.	97.	0	0.	0.00000	0.00	0.00	0.	10 5	B98	0.90

CONFLUENCE Q'S

* 15031 2403E TE 1155 QE 154. QEF 245. QF 91. 15031 2403F TF 1157 QF 97. QFE 230. QE 133. *

* 15031 2403EF TEF 1156 QEF 246. QE 150. QF 96. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
15031 2403EF	29.	97.	72.	246.	4	350.	0.03000	4.00	0.00	0.	20 0	B98	0.00
15031 2404E	0.	0.	72.	246.	0	0.	0.00000	0.00	0.00	0.	20 99	B98	0.00

HYDROGRAPH FATTENED AT 2404E

* INCOMING HYDROGRAPH PEAK	=	245.72	INCOMING HYDROGRAPH VOLUME	=	20.24 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR	=	1.00000	RUNOFF FACTOR	=	4.91 IN.
* ADJUSTED HYDROGRAPH PEAK	=	245.72	ADJUSTED HYDROGRAPH VOLUME	=	20.24 AC. FT.
* ADJ/FATTENED HYDROGRAPH PEAK	=	245.72	ADJ/FATTENED HYDROGRAPH VOLUME	=	29.46 AC. FT.

15031 2404E	0.	0.	72.	246.	0	0.	0.00000	0.00	0.00	0.	0 99	0	0.00
15031 2405E	0.	0.	72.	246.	0	0.	0.00000	0.00	0.00	0.	20 99	B98	0.00

CONFLUENCE Q'S

* 15031 2406D TD 1155 QD 423. QDE 663. QE 240. 15031 2406E TE 1156 QE 246. QED 666. QD 420. *

* 15031 2406DE TDE 1156 QDE 666. QD 420. QE 246. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAIN ZONE	PCT IMPV
15031 2406DE	72.	246.	190.	666.	0	0.	0.00000	0.00	0.00	0.	20 0	B98	0.00
15031 2407D	0.	0.	190.	666.	0	0.	0.00000	0.00	0.00	0.	20 99	B98	0.00

CONFLUENCE Q'S

* 15031 2408C TC 1262 QC 148. QCD 203. QD 55. 15031 2408D TD 1156 QD 666. QDC 794. QC 128. *

* 15031 2408CD TCD 1156 QCD 794. QC 128. QD 666. *

CALLEGUA. 990

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2408CD	190.	666.	438.	794.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 2409C	0.	0.	438.	794.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

RESERVOIR ROUTING AT 2409C

* INCOMING HYDROGRAPH PEAK = 793.80 INCOMING HYDROGRAPH VOLUME = 166.60 AC. FT.
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000
 * RESERVOIR INFLOW PEAK = 793.80 TIME OF PEAK = 1156 VOLUME UNDER INFLOW HYDROGRAPH = 166.60 AC. FT.
 * MAXIMUM ELEVATION = 862.71 TIME = 1350 SPILLAGE ELEVATION = 863.00 DIFFERENCE = -0.29
 * SPILLED FROM **** TO 1290 FOR **** MINUTES
 * RESERVOIR OUTFLOW PEAK = 148.11 TIME OF PEAK = 1350 VOLUME UNDER OUTFLOW HYDROGRAPH = 135.01 AC. FT.

15031 2409C	0.	0.	438.	148.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031 2410C	0.	0.	438.	148.	2	750.	0.01600	0.00	0.00	0.	10	99	B98	0.00
15031 2411D	5.	23.	5.	23.	0	0.	0.00000	0.00	0.00	0.	20	5	B98	0.00
15031 2412E	8.	37.	8.	37.	4	450.	0.00800	2.50	0.00	0.	20	5	B98	0.23
15031 2413E	4.	18.	12.	49.	4	230.	0.01200	2.75	0.00	0.	20	5	B98	0.00
15031 2414E	3.	14.	15.	59.	0	0.	0.00000	0.00	0.00	0.	20	5	B98	0.23
15031 2415E	11.	45.	26.	104.	4	180.	0.01100	3.50	0.00	0.	20	6	B98	0.23

CONFLUENCE Q'S

* 15031 2416D TD 1153 QD 23. QDE 117. QE 94. 15031 2416E TE 1154 QE 102. QED 122. QD 20.
 * 15031 2416DE TDE 1154 QDE 122. QD 20. QE 102.

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2416DE	26.	102.	31.	122.	0	0.	0.00000	0.00	0.00	0.	20	0	B98	0.00

HYDROGRAPH FATTENED AT 2416DE

* INCOMING HYDROGRAPH PEAK = 122.21 INCOMING HYDROGRAPH VOLUME = 8.01 AC. FT.
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 5.67 IN.
 * ADJUSTED HYDROGRAPH PEAK = 122.21 ADJUSTED HYDROGRAPH VOLUME = 8.01 AC. FT.
 * ADJ/FATTENED HYDROGRAPH PEAK = 122.21 ADJ/FATTENED HYDROGRAPH VOLUME = 14.66 AC. FT.

15031 2416DE	0.	102.	31.	122.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031 2417D	0.	0.	31.	122.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 2418D	0.	0.	31.	122.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 2419F	10.	44.	10.	44.	4	300.	0.02000	2.25	0.00	0.	30	5	B98	0.23
15031 2420F	4.	18.	14.	57.	4	200.	0.01500	2.75	0.00	0.	20	5	B98	0.00
15031 2421F	2.	9.	16.	65.	4	200.	0.02000	2.75	0.00	0.	30	5	B98	0.23
15031 2422F	7.	28.	23.	91.	0	0.	0.00000	0.00	0.00	0.	30	6	B98	0.23
15031 2423F	1.	5.	24.	95.	4	70.	0.02000	3.00	0.00	0.	20	5	B98	0.23
15031 2424F	2.	10.	26.	103.	0	0.	0.00000	0.00	0.00	0.	30	5	B98	0.99
15031 2425F	1.	5.	27.	107.	0	0.	0.00000	0.00	0.00	0.	40	5	B98	0.90
15031 2426F	0.	0.	27.	107.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

HYDROGRAPH FATTENED AT 2426F

CALLEGUA. 990

* INCOMING HYDROGRAPH PEAK = 107.07 INCOMING HYDROGRAPH VOLUME = 8.21 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 5.67 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 107.07 ADJUSTED HYDROGRAPH VOLUME = 8.21 AC. FT. *
 * ADJ/FATTENED HYDROGRAPH PEAK = 107.07 ADJ/FATTENED HYDROGRAPH VOLUME = 12.76 AC. FT. *

15031	2426F	0.	0.	27.	107.	0	0.	0.00000	0.00	0.00	0.	0	5	0	0.00
15031	2427F	0.	0.	27.	107.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2428F	0.	0.	27.	107.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2429F	0.	0.	27.	107.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2430F	0.	0.	27.	107.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2431F	0.	0.	27.	107.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00

CONFLUENCE Q'S

* 15031 2432D TD 1154 QD 122. QDF 229. QF 107. 15031 2432F TF 1154 QF 107. QFD 229. QD 122. *
 * 15031 2432DF TDF 1154 QDF 229. QD 122. QF 107. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	2432DF	27.	107.	58.	229.	0	0.	0.00000	0.00	0.00	0.	40	0	B98	0.00
15031	2433D	0.	0.	58.	229.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00

CONFLUENCE Q'S

* 15031 2434C TC 1350 QC 148. QCD 159. QD 11. 15031 2434D TD 1154 QD 229. QDC 351. QC 122. QD 229. *
 * 15031 2434CD TCD 1154 QCD 351. QC 122. QD 229. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	2434CD	58.	229.	496.	351.	0	0.	0.00000	0.00	0.00	0.	40	0	B98	0.00
15031	2435C	0.	0.	496.	351.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00

RESERVOIR ROUTING AT 2435C

* INCOMING HYDROGRAPH PEAK = 351.09 INCOMING HYDROGRAPH VOLUME = 161.85 AC. FT. *
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *
 * RESERVOIR INFLOW PEAK = 351.09 TIME OF PEAK = 1154 VOLUME UNDER INFLOW HYDROGRAPH = 161.85 AC. FT. *
 * MAXIMUM ELEVATION = 838.64 TIME = 1170 SPILLAGE ELEVATION = 840.00 DIFFERENCE = -1.36 *
 * SPILLED FROM **** TO 1290 FOR **** MINUTES *
 * RESERVOIR OUTFLOW PEAK = 189.91 TIME OF PEAK = 1170 VOLUME UNDER OUTFLOW HYDROGRAPH = 151.48 AC. FT. *

15031	2435C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031	2436C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	2437C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2438C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2439C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2440C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2441C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2442C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2443C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2444C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2445C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2446C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2447C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2448C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2449C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2450C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2451C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00

CALLEGUA. 990

15031	2452C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2453C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2454C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2455C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2456C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2457C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2458C	0.	0.	496.	190.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00
15031	2459D	0.	0.	0.	229.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	2460E	90.	236.	90.	236.	4	1050.	0.00500	5.50	0.00	0.	20	13	B98	0.11
15031	2461E	0.	0.	90.	232.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 2462D TD 0 QD 0. QDE 0. QE 0. 15031 2462E TE 1158 QE 232. QED 232. QD 0. *
 * 15031 2462DE TDE 1158 QDE 232. QD 0. QE 232. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	2462DE	90.	232.	90.	232.	0	0.	0.00000	0.00	0.00	0.	30	0	B98	0.00
15031	2463D	0.	0.	90.	232.	5	1000.	0.00900	14.00	0.00	0.	30	99	B98	0.00
15031	2464D	27.	83.	117.	280.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.08
15031	2465E	46.	168.	46.	168.	4	1600.	0.02500	3.50	0.00	0.	10	8	B98	0.04
15031	2466E	55.	201.	101.	352.	4	920.	0.05100	4.25	0.00	0.	10	8	B98	0.04
15031	2467F	45.	165.	45.	165.	4	2200.	0.03860	3.25	0.00	0.	10	8	B98	0.12
15031	2468F	75.	275.	120.	417.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.10

 * CONFLUENCE Q' S *
 * 15031 2469E TE 1156 QE 347. QEF 764. QF 417. 15031 2469F TF 1156 QF 417. QFE 764. QE 347. *
 * 15031 2469EF TEF 1156 QEF 764. QE 347. QF 417. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	2469EF	120.	417.	221.	764.	4	1100.	0.02090	6.50	0.00	0.	10	0	B98	0.00
15031	2470E	32.	77.	253.	826.	0	0.	0.00000	0.00	0.00	0.	30	14	B98	0.15

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

 * CONFLUENCE Q' S *
 * 15031 2471D TD 1161 QD 280. QDE 873. QE 593. 15031 2471E TE 1157 QE 826. QED 1086. QD 260. *
 * 15031 2471DE TDE 1157 QDE 1086. QD 260. QE 826. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	2471DE	253.	826.	370.	1086.	5	900.	0.00800	16.00	0.00	0.	10	0	B98	0.00
15031	2472D	30.	105.	400.	1136.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.23
15031	2473D	27.	90.	427.	1197.	5	800.	0.00800	16.00	0.00	0.	30	8	B98	0.23
15031	2474D	42.	137.	469.	1256.	5	600.	0.00800	16.00	0.00	0.	20	9	B98	0.14
15031	2475D	14.	52.	483.	1246.	0	0.	0.00000	0.00	0.00	0.	40	7	B98	0.58
15031	2476D	33.	106.	516.	1299.	5	400.	0.00700	20.00	0.00	0.	30	9	B98	0.34
15031	2477D	27.	98.	543.	1308.	0	0.	0.00000	0.00	0.00	0.	30	7	B98	0.27
15031	2478F	87.	307.	87.	307.	4	900.	0.03000	4.25	0.00	0.	30	7	B98	0.10
15031	2479F	14.	42.	101.	345.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.23

 * CONFLUENCE Q' S *
 * 15031 2480D TD 1161 QD 1308. QDF 1421. QF 113. 15031 2480F TF 1155 QF 345. QFD 1304. QD 959. *
 * 15031 2480DF TDF 1159 QDF 1475. QD 1252. QF 223. *

SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI N	PCT
---------	---------	-------	-------	------	------	------	------	------	------	---------	------	-------	-----

CALLEGUA. 990														
LOCATION	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 2480DF	101.	345.	644.	1475.	0	0.	0.00000	0.00	0.00	0.	30	0	B98	0.00
15031 2481E	19.	67.	19.	67.	4	750.	0.01200	3.00	0.00	0.	20	10	C99	0.01
15031 2482E	84.	299.	103.	363.	4	2000.	0.04280	4.25	0.00	0.	20	10	C99	0.03
15031 2483E	35.	156.	138.	489.	0	0.	0.00000	0.00	0.00	0.	20	7	C99	0.18
15031 2484E	33.	147.	171.	636.	4	500.	0.06000	5.00	0.00	0.	20	7	C99	0.19
15031 2485E	7.	29.	178.	653.	4	350.	0.06000	5.00	0.00	0.	20	8	C99	0.27
15031 2486E	30.	129.	208.	775.	2	700.	0.05000	0.00	0.00	0.	10	8	C99	0.06
15031 2487E	18.	70.	226.	818.	4	700.	0.04300	5.75	0.00	0.	30	6	B98	0.10

* CONFLUENCE Q' S *
* 15031 2488D TD 1159 QD 1475. QDE 2191. QE 716. 15031 2488E TE 1157 QE 813. QED 2231. QD 1418. *
* 15031 2488DE TDE 1158 QDE 2256. QD 1471. QE 785. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2488DE	226.	813.	870.	2256.	0	0.	0.00000	0.00	0.00	0.	20	0	B98	0.00

* HYDROGRAPH FATTENED AT 2488DE *
* INCOMING HYDROGRAPH PEAK = 2255.91 INCOMING HYDROGRAPH VOLUME = 283.77 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.92500 RUNOFF FACTOR = 4.96 IN. *
* ADJUSTED HYDROGRAPH PEAK = 2086.72 ADJUSTED HYDROGRAPH VOLUME = 262.48 AC. FT. *
* ADJ/FATTENED HYDROGRAPH PEAK = 2086.72 ADJ/FATTENED HYDROGRAPH VOLUME = 359.46 AC. FT. *

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2488DE	0.	813.	870.	2087.	0	0.	0.00000	0.00	0.00	0.	0	6	0	0.00
15031 2489CD	870.	2087.	870.	2087.	5	1950.	0.01500	45.00	3.00	0.	20	0	B98	0.00
15031 2490F	11.	51.	11.	51.	4	1200.	0.01500	2.50	0.00	0.	20	5	B98	0.33
15031 2491F	39.	129.	50.	169.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.26
15031 2492F	53.	175.	103.	340.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.26
15031 2493E	20.	82.	20.	82.	1	450.	0.13333	0.00	0.00	0.	20	8	C99	0.18
15031 2494E	10.	49.	30.	127.	4	600.	0.03000	3.25	0.00	0.	20	6	C99	0.07
15031 2495E	27.	87.	57.	210.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.06

* CONFLUENCE Q' S *
* 15031 2496E TE 1155 QE 210. QEF 551. QF 340. 15031 2496F TF 1155 QF 340. QFE 551. QE 210. *
* 15031 2496EF TEF 1155 QEF 551. QE 210. QF 340. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 2496EF	103.	340.	160.	551.	0	0.	0.00000	0.00	0.00	0.	20	0	B98	0.00
15031 2497E	0.	0.	160.	551.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 2498E	19.	88.	179.	639.	0	0.	0.00000	0.00	0.00	0.	10	7	C99	0.00

* HYDROGRAPH FATTENED AT 2498E *
* INCOMING HYDROGRAPH PEAK = 638.89 INCOMING HYDROGRAPH VOLUME = 65.82 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 4.96 IN. *
* ADJUSTED HYDROGRAPH PEAK = 638.89 ADJUSTED HYDROGRAPH VOLUME = 65.82 AC. FT. *
* ADJ/FATTENED HYDROGRAPH PEAK = 638.89 ADJ/FATTENED HYDROGRAPH VOLUME = 73.97 AC. FT. *

15031 2498E	19.	88.	179.	639.	0	0.	0.00000	0.00	0.00	0.	0	7	0	0.00
15031 2499E	0.	0.	179.	639.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031 2500CE	179.	639.	1049.	2373.	0	0.	0.00000	0.00	0.00	0.	10	0	C99	0.00
15031 2501C	0.	0.	1049.	2373.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00

* RESERVOIR ROUTING AT 2501C *
Page 91

CALLEGUA. 990

```

* INCOMING HYDROGRAPH PEAK = 2373.32 INCOMING HYDROGRAPH VOLUME = 433.45 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000
* RESERVOIR INFLOW PEAK = 2373.32 TIME OF PEAK = 1160 VOLUME UNDER INFLOW HYDROGRAPH = 433.45 AC. FT.
* MAXIMUM ELEVATION = 746.16 TIME = 1161 SPILLAGE ELEVATION = 746.40 DIFFERENCE = -0.24
* SPILLED FROM **** TO 1290 FOR **** MINUTES
* RESERVOIR OUTFLOW PEAK = 2314.98 TIME OF PEAK = 1161 VOLUME UNDER OUTFLOW HYDROGRAPH = 410.45 AC. FT.
*****
15031 2501C 0. 0. 1049. 2315. 0 0. 0.00000 0.00 0.00 0. 10 99 C99 0.00
15031 2502C 0. 0. 1049. 2315. 0 0. 0.00000 0.00 0.00 0. 10 99 C99 0.00
15031 2503C 0. 0. 0. 0. 1 20. 0.01000 0.00 0.00 0. 10 99 C99 0.00
15031 2504C 0. 0. 0. 0. 0 0. 0.00000 0.00 0.00 0. 10 99 C99 0.00

```

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2505C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10 99	C99	0.00	
15031 2506C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10 99	C99	0.00	
15031 2507C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10 99	C99	0.00	
15031 2508C	1537.	1515.	1537.	1517.	0	0.	0.00000	0.00	0.00	0.	20 0	C99	0.00	
15031 2509C	0.	0.	1537.	1517.	0	0.	0.00000	0.00	0.00	0.	20 99	C99	0.00	

RESERVOIR ROUTING AT 2509C

```

* INCOMING HYDROGRAPH PEAK = 1517.00 INCOMING HYDROGRAPH VOLUME = 46.17 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000
* RESERVOIR INFLOW PEAK = 1517.00 TIME OF PEAK = 1161 VOLUME UNDER INFLOW HYDROGRAPH = 46.17 AC. FT.
* MAXIMUM ELEVATION = 736.47 TIME = 1189 SPILLAGE ELEVATION = 737.00 DIFFERENCE = -0.53
* SPILLED FROM **** TO 1290 FOR **** MINUTES
* RESERVOIR OUTFLOW PEAK = 33.71 TIME OF PEAK = 1189 VOLUME UNDER OUTFLOW HYDROGRAPH = 13.12 AC. FT.
*****
15031 2509C 0. 0. 1537. 34. 0 0. 0.00000 0.00 0.00 0. 0 0 0 0.00
15031 2510C 0. 0. 1537. 34. 0 0. 0.00000 0.00 0.00 0. 20 99 C99 0.00
15031 2511D 0. 942. 0. 940. 0 0. 0.00000 0.00 0.00 0. 20 0 C99 0.00
15031 2512D 0. 0. 0. 940. 5 620. 0.00790 8.00 0.00 0. 20 99 C99 0.00
15031 2513CD 0. 940. 1537. 952. 2 1700. 0.01400 0.00 0.00 0. 20 0 C99 0.00
15031 2514D 0. 0. 0. 0. 0 0. 0.00000 0.00 0.00 0. 20 99 C99 0.00
15031 2515D 0. 0. 0. 0. 0 0. 0.00000 0.00 0.00 0. 20 99 C99 0.00
15031 2516D 0. 0. 0. 0. 0 0. 0.00000 0.00 0.00 0. 20 99 C99 0.00
15031 2517D 0. 0. 0. 0. 0 0. 0.00000 0.00 0.00 0. 20 99 C99 0.00
15031 2518D 35. 114. 35. 114. 0 0. 0.00000 0.00 0.00 0. 20 12 C99 0.15
15031 2519D 39. 128. 74. 241. 0 0. 0.00000 0.00 0.00 0. 20 12 C99 0.24

```

CONFLUENCE Q'S

```

* 15031 2520C TC 1169 QC 950. QCD 1003. QD 53. 15031 2520D TD 1155 QD 241. QDC 1138. QC 897.
* 15031 2520CD TCD 1159 QCD 1145. QC 920. QD 226.

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2520CD	74.	241.	1611.	1145.	2	1000.	0.01500	0.00	0.00	0.	20 0	C99	0.00	
15031 2521D	16.	58.	16.	58.	0	0.	0.00000	0.00	0.00	0.	20 10	C99	0.23	
15031 2522D	0.	0.	16.	58.	0	0.	0.00000	0.00	0.00	0.	20 99	C99	0.00	
15031 2523D	30.	102.	46.	160.	0	0.	0.00000	0.00	0.00	0.	30 10	C99	0.10	

CONFLUENCE Q'S

```

* 15031 2524C TC 1160 QC 1144. QCD 1252. QD 108. 15031 2524D TD 1154 QD 160. QDC 1265. QC 1105.
* 15031 2524CD TCD 1158 QCD 1292. QC 1140. QD 151.

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----------	----------	------

CALLEGUA. 990
VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
INCONEJO, Q10OP, DBT/DL/OR, 11/2002

CALLEGUAS CRK. W/EXI		STG. DAMS &	INCONEJO, Q10OP, DBT/DL/OR, 11/2002		STORM DAY 4									
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT	
	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	
15031 2524CD	46.	160.	1657.	1292.	2	400.	0.00700	0.00	0.00	0.	20	0	C99 0.00	
15031 2525D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	C99 0.00	
15031 2526D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	C99 0.00	
15031 2527D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	C99 0.00	

* CONFLUENCE Q' S *
* 15031 2528B TB 1190 QB 2349. QBC 3308. QC 959. 15031 2528C TC 1158 QC 1291. QCB 3568. QB 2277. *
* 15031 2528BC TBC 1158 QBC 3568. QB 2277. QC 1291. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE
15031 2528BC	1657.	1291.	4224.	3568.	0	0.	0.00000	0.00	0.00	0.	20	0	C99 0.00

* RESERVOIR ROUTING AT 2528BC *
* INCOMING HYDROGRAPH PEAK = 3568.19 INCOMING HYDROGRAPH VOLUME = 1810.36 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *
* RESERVOIR INFLOW PEAK = 3568.19 TIME OF PEAK = 1158 VOLUME UNDER INFLOW HYDROGRAPH = 1810.36 AC. FT. *
* MAXIMUM ELEVATION = 699.92 TIME = 1158 SPILLAGE ELEVATION = 700.00 DIFFERENCE = -0.08 *
* SPILLED FROM **** TO 1290 FOR **** MINUTES *
* RESERVOIR OUTFLOW PEAK = 3561.11 TIME OF PEAK = 1158 VOLUME UNDER OUTFLOW HYDROGRAPH = 1718.49 AC. FT. *

15031 2528BC	0.	1291.	4224.	3561.	5	1050.	0.00300	70.00	3.00	0.	20	0	C99 0.00
15031 2529B	0.	0.	4224.	3521.	5	680.	0.01330	18.00	0.00	0.	20	99	C99 0.00
15031 2530B	0.	0.	4224.	3519.	5	1230.	0.01600	8.00	1.50	0.	10	99	C99 0.00
15031 2531B	0.	0.	4224.	3517.	5	1500.	0.00300	8.00	1.50	0.	10	99	B98 0.00
15031 2532B	0.	0.	4224.	3509.	5	1300.	0.00800	17.00	0.00	0.	10	99	B98 0.00
15031 2533B	0.	0.	4224.	3506.	6	1150.	0.00100	70.00	2.00	0.	10	99	B98 0.00
15031 2534B	0.	0.	4224.	3488.	6	250.	0.00100	70.00	2.00	0.	10	99	B98 0.00
15031 2535B	0.	0.	4224.	3486.	6	200.	0.00100	70.00	2.00	0.	10	99	B98 0.00
15031 2536B	0.	0.	4224.	3484.	6	600.	0.00100	72.00	2.00	0.	10	99	B98 0.00
15031 2537B	0.	0.	4224.	3479.	6	1250.	0.00100	85.00	2.00	0.	10	99	B98 0.00
15031 2538B	0.	0.	4224.	3461.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031 2539B	0.	0.	4224.	3461.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031 2540C	49.	153.	49.	153.	3	650.	0.01400	0.00	0.00	0.	20	10	B98 0.23
15031 2541C	30.	96.	79.	233.	4	400.	0.01000	4.75	0.00	0.	20	10	B98 0.40
15031 2542C	60.	208.	139.	420.	0	0.	0.00000	0.00	0.00	0.	20	8	B98 0.14
15031 2543BC	139.	420.	4363.	3503.	0	0.	0.00000	0.00	0.00	0.	20	0	C99 0.00
15031 2544B	0.	0.	4363.	3503.	0	0.	0.00000	0.00	0.00	0.	20	99	C99 0.00
15031 2545B	0.	0.	4363.	3503.	5	1230.	0.01600	8.00	1.50	0.	20	99	C99 0.00
15031 2546B	0.	0.	4363.	3501.	0	0.	0.00000	0.00	0.00	0.	20	99	B98 0.00
15031 2547B	0.	0.	4363.	3501.	0	0.	0.00000	0.00	0.00	0.	20	99	B98 0.00
15031 2548B	45.	162.	4408.	3510.	5	1500.	0.00300	8.00	1.50	0.	30	7	B98 0.23

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
INCONEJO, Q10OP, DBT/DL/OR, 11/2002

CALLEGUAS CRK. W/EXI		STG. DAMS &	INCONEJO, Q10OP, DBT/DL/OR, 11/2002		STORM DAY 4									
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT	
	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	
15031 2549B	0.	0.	4408.	3506.	0	0.	0.00000	0.00	0.00	0.	30	99	B98 0.00	
15031 2550D	55.	190.	55.	190.	4	1100.	0.01800	4.00	0.00	0.	10	9	B98 0.12	
15031 2551D	0.	0.	55.	187.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00	
15031 2552D	0.	0.	55.	187.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00	
15031 2553E	59.	182.	59.	182.	0	0.	0.00000	0.00	0.00	0.	10	11	B98 0.00	
15031 2554E	61.	189.	120.	371.	4	3050.	0.03000	4.75	0.00	0.	10	11	B98 0.05	
15031 2555E	114.	317.	234.	643.	0	0.	0.00000	0.00	0.00	0.	40	10	B98 0.12	
15031 2556E	40.	144.	274.	757.	0	0.	0.00000	0.00	0.00	0.	30	7	B98 0.23	

CALLEGUA. 990															
15031	2557DE	274.	757.	329.	943.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	2558CD	329.	943.	329.	943.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	2559BC	329.	943.	4737.	4019.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	2560B	35.	115.	4772.	4123.	6	1150.	0.00100	70.00	2.00	0.	10	10	B98	0.18
15031	2561D	0.	0.	0.	943.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2562D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2563D	59.	203.	59.	203.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.08
15031	2564D	71.	221.	130.	424.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.16
15031	2565D	48.	150.	178.	574.	5	1150.	0.00250	11.00	0.00	0.	10	11	B98	0.26
15031	2566D	0.	0.	178.	553.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2567E	69.	203.	69.	203.	4	100.	0.02000	4.00	0.00	0.	10	12	B98	0.07
15031	2568DE	69.	203.	247.	750.	4	150.	0.01300	7.00	0.00	0.	10	0	B98	0.00
15031	2569D	57.	197.	304.	932.	4	1900.	0.02000	7.00	0.00	0.	10	9	B98	0.12
15031	2570D	0.	0.	304.	913.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2571E	86.	267.	86.	267.	4	500.	0.02000	4.50	0.00	0.	10	11	B98	0.10
15031	2572DE	86.	266.	390.	1156.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	2573D	49.	159.	439.	1280.	5	1400.	0.00100	17.00	0.00	0.	20	9	B98	0.12
15031	2574D	0.	0.	439.	1222.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2575E	39.	121.	39.	121.	3	1750.	0.04000	0.00	0.00	0.	10	11	B98	0.07
15031	2576DE	39.	109.	478.	1331.	5	1200.	0.00100	18.00	0.00	0.	10	0	B98	0.00
15031	2577D	98.	289.	576.	1445.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.17
15031	2578E	51.	187.	51.	187.	3	1400.	0.03900	0.00	0.00	0.	10	8	B98	0.15
15031	2579E	48.	160.	99.	315.	4	2400.	0.02800	4.50	0.00	0.	10	10	B98	0.56
15031	2580E	51.	168.	150.	442.	4	1350.	0.00400	7.25	0.00	0.	10	10	B98	0.20
15031	2581DE	150.	426.	726.	1857.	5	1300.	0.00300	16.00	0.00	0.	10	0	B98	0.00
15031	2582D	45.	133.	771.	1844.	5	450.	0.00100	20.00	0.00	0.	20	11	B98	0.23
15031	2583CD	771.	1831.	771.	1831.	6	250.	0.00100	70.00	2.00	0.	10	0	B98	0.00
15031	2584C	72.	213.	843.	1875.	6	200.	0.00100	70.00	2.00	0.	10	12	B98	0.23
15031	2585C	41.	135.	884.	1895.	6	600.	0.00100	72.00	2.00	0.	10	10	B98	0.23
15031	2586C	38.	118.	922.	1899.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.23
15031	2587D	0.	0.	0.	1831.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	2588D	60.	227.	60.	227.	4	1550.	0.01900	4.25	0.00	0.	10	10	C99	0.12
15031	2589D	53.	213.	113.	428.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.13
15031	2590E	73.	276.	73.	276.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.12
15031	2591DE	73.	276.	186.	699.	4	700.	0.02500	6.00	0.00	0.	10	0	C99	0.00
15031	2592D	77.	282.	263.	965.	4	900.	0.01100	8.00	0.00	0.	10	8	B98	0.15
15031	2593D	0.	0.	263.	957.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2594E	0.	0.	0.	276.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	2595E	70.	266.	70.	266.	4	1900.	0.02200	4.25	0.00	0.	20	9	C99	0.12
15031	2596E	30.	112.	100.	346.	4	400.	0.01300	5.25	0.00	0.	20	7	B98	0.15
15031	2597DE	100.	343.	363.	1298.	5	1550.	0.00200	15.00	0.00	0.	10	0	B98	0.00
15031	2598D	62.	192.	425.	1376.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.15

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATI ON	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	STORM	DAY 4		
AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SI ZE	Z	Q	NAME	TC	RAIN	PCT		
												ZONE	IMPV		
15031	2599CD	425.	1376.	1347.	2838.	6	1250.	0.00100	85.00	2.00	0.	10	0	B98	0.00
15031	2600C	54.	187.	1401.	2739.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.23
15031	2601C	59.	193.	1460.	2771.	6	1200.	0.00100	85.00	2.00	0.	20	9	B98	0.15
15031	2602C	0.	0.	1460.	2710.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2603C	30.	118.	1490.	2725.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.23
15031	2604D	0.	0.	0.	1376.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	2605D	42.	180.	42.	180.	3	2100.	0.08000	0.00	0.00	0.	10	8	C99	0.05
15031	2606D	62.	213.	104.	366.	0	0.	0.00000	0.00	0.00	0.	10	12	C99	0.07
15031	2607D	78.	268.	182.	623.	4	2200.	0.04100	5.25	0.00	0.	10	12	C99	0.10
15031	2608D	55.	181.	237.	772.	4	1900.	0.01600	6.75	0.00	0.	10	10	B98	0.11
15031	2609D	30.	93.	267.	818.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.15
15031	2610CD	267.	818.	1757.	3068.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

CALLEGUA. 990

HYDROGRAPH FATTENED AT 2610CD
 * INCOMING HYDROGRAPH PEAK = 3067.66 INCOMING HYDROGRAPH VOLUME = 747.83 AC. FT.
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.87700 RUNOFF FACTOR = 6.50 IN.
 * ADJUSTED HYDROGRAPH PEAK = 2690.34 ADJUSTED HYDROGRAPH VOLUME = 655.85 AC. FT.
 * ADJ./FATTENED HYDROGRAPH PEAK = 2690.34 ADJ./FATTENED HYDROGRAPH VOLUME = 951.27 AC. FT.

15031	2610CD	0.	818.	1757.	2690.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
15031	2611BC	1757.	2690.	6529.	6574.	0	0.	0.00000	0.00	0.00	0.	30	0	B98	0.00
15031	2612BF	0.	2074.	6529.	4500.	6	2600.	0.00200	85.00	2.00	4500.	30	0	B98	0.00
15031	2612F	0.	0.	0.	2074.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031	2613F	0.	0.	0.	2074.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00

RESERVOIR ROUTING AT 2613F

* INCOMING HYDROGRAPH PEAK = 2074.19 INCOMING HYDROGRAPH VOLUME = 91.44 AC. FT.
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000
 * RESERVOIR INFLOW PEAK = 2074.19 TIME OF PEAK = 1163 VOLUME UNDER INFLOW HYDROGRAPH = 91.44 AC. FT.
 * MAXIMUM ELEVATION = 640.39 TIME = 1221 SPI L LAGE ELEVATI ON = 642.50 DI FFERENCE = -2.11
 * SPILLED FROM **** TO 1290 FOR **** MINUTES
 * RESERVOIR OUTFLOW PEAK = 3.98 TIME OF PEAK = 1221 VOLUME UNDER OUTFLOW HYDROGRAPH = 1.77 AC. FT.

15031	513F	0.	0.	0.	4.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031	2614F	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031	2615B	0.	0.	6529.	4500.	5	500.	0.00200	46.00	0.00	0.	10	99	B98	0.00
15031	2616B	0.	0.	6529.	4500.	5	1400.	0.00400	22.00	0.00	0.	10	99	B98	0.00
15031	2617B	0.	0.	6529.	4500.	5	400.	0.00400	22.00	0.00	0.	10	99	B98	0.00
15031	2618B	0.	0.	6529.	4500.	5	2300.	0.00400	22.00	0.00	0.	10	99	B98	0.00
15031	2619B	0.	0.	6529.	4500.	5	900.	0.01200	18.00	0.00	0.	10	99	B98	0.00
15031	2620B	0.	0.	6529.	4500.	5	800.	0.04300	14.00	0.00	0.	10	99	B98	0.00
15031	2621B	0.	0.	6529.	4500.	5	1200.	0.04300	14.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031	2622C	59.	185.	59.	185.	0	0.	0.00000	0.00	0.00	0.	30	9	B98 0.21
15031	2623CF	0.	69.	59.	116.	0	0.	0.00000	0.00	0.00	116.	10	0	B98 0.00
15031	2623F	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031	2624D	55.	202.	55.	202.	0	0.	0.00000	0.00	0.00	0.	10	8	B98 0.19

CONFLUENCE Q'S

* 15031 2625D TD 1154 QD 202. QDF 120. QF 82. 15031 2625F TF 1154 QF 82. QFD 120. QD 202.
 * 15031 2625DF TDF 1150 QDF 120. QD 132. QF 12.

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031	2625DF	0.	82.	55.	120.	0	0.	0.00000	0.00	0.00	120.	10	0	B98 0.00
15031	2625F	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031	2626CD	55.	120.	114.	236.	0	0.	0.00000	0.00	0.00	0.	10	0	B98 0.00
15031	2627D	39.	131.	39.	131.	3	2700.	0.01200	0.00	0.00	0.	10	10	B98 0.70
15031	2628D	45.	142.	84.	188.	3	3600.	0.02500	0.00	0.00	0.	10	11	B98 0.57
15031	2629DF	0.	52.	84.	107.	0	0.	0.00000	0.00	0.00	107.	10	0	B98 0.00
15031	2629F	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00

CONFLUENCE Q'S

* 15031 2630C TC 1150 QC 236. QCD 306. QD 70. 15031 2630D TD 1159 QD 107. QDC 343. QC 236.
 * 15031 2630CD TCD 1159 QCD 343. QC 236. QD 107.

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031	2630CD	84.	107.	198.	343.	0	0.	0.00000	0.00	0.00	0.	10	0	B98 0.00

CALLEGUA. 990															
15031	2631D	0.	0.	0.	107.	0	0.	0.0000	0.00	0.00	0.	10	99	B98	0.00
15031	2632D	45.	157.	45.	157.	4	1900.	0.00200	5.50	0.00	0.	20	8	B98	0.17
15031	2633D	55.	182.	100.	269.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.29
15031	2634DF	0.	104.	100.	165.	0	0.	0.00000	0.00	0.00	165.	20	0	B98	0.00
15031	2634F	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031	2635D	0.	0.	100.	165.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031	2636CD	100.	165.	298.	508.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	2637C	0.	0.	298.	508.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2638D	48.	165.	48.	165.	5	1950.	0.03800	4.00	0.00	0.	10	9	B98	0.07
15031	2639D	71.	254.	119.	408.	5	2800.	0.01000	8.00	0.00	0.	20	10	C99	0.10
15031	2640D	71.	191.	190.	558.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.30
15031	2641E	79.	224.	79.	224.	4	750.	0.04000	3.75	0.00	0.	10	13	B98	0.25
15031	2642E	0.	0.	79.	224.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2643DE	79.	224.	269.	769.	5	1600.	0.00200	13.00	0.00	0.	10	0	B98	0.00
15031	2644D	84.	242.	353.	943.	5	250.	0.01700	9.00	0.00	0.	10	13	B98	0.61
15031	2645D	61.	185.	414.	1085.	5	1350.	0.00200	15.00	0.00	0.	10	12	B98	0.70
15031	2646D	69.	209.	483.	1197.	5	300.	0.00300	14.00	0.00	0.	10	12	B98	0.68
15031	2647D	40.	127.	523.	1267.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.66
15031	2648D	0.	0.	523.	1267.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2649CD	523.	1267.	821.	1711.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	2650C	64.	190.	885.	1884.	5	1400.	0.00400	16.00	0.00	0.	10	12	B98	0.31
15031	2651D	55.	208.	55.	208.	4	650.	0.02300	4.00	0.00	0.	10	10	C99	0.13
15031	2652D	45.	156.	100.	361.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.16
15031	2653D	56.	178.	156.	539.	4	900.	0.02300	5.50	0.00	0.	10	14	C99	0.09

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	STORM	DAY 4	
AREA	Q	Q	AREA	Q	TYPE	LNTH	SLOPE	SI ZE	Z	Z	Q	NAME	RAI N	PCT	
													ZONE	IMPV	
15031	2654D	0.	0.	156.	535.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2655E	61.	201.	61.	201.	3	150.	0.03000	0.00	0.00	0.	10	13	C99	0.07
15031	2656E	43.	126.	104.	327.	4	1300.	0.03000	4.50	0.00	0.	10	12	B98	0.04
15031	2657DE	104.	325.	260.	859.	4	250.	0.02300	6.75	0.00	0.	10	0	B98	0.00
15031	2658D	57.	167.	317.	1019.	4	1600.	0.01500	7.75	0.00	0.	20	11	B98	0.19
15031	2659E	67.	234.	67.	234.	4	1000.	0.01800	4.25	0.00	0.	20	8	B98	0.19
15031	2660DE	67.	230.	384.	1214.	5	800.	0.01500	11.00	0.00	0.	10	0	B98	0.00
15031	2661D	80.	266.	464.	1447.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.44

* HYDROGRAPH FATTENED AT 2661D *
* INCOMING HYDROGRAPH PEAK = 1446.97 INCOMING HYDROGRAPH VOLUME = 221.65 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.93000 RUNOFF FACTOR = 7.87 IN. *
* ADJUSTED HYDROGRAPH PEAK = 1345.68 ADJUSTED HYDROGRAPH VOLUME = 206.14 AC. FT. *
* ADJ/FATTENED HYDROGRAPH PEAK = 1345.68 ADJ/FATTENED HYDROGRAPH VOLUME = 304.21 AC. FT. *

15031	2661D	80.	266.	464.	1346.	0	0.	0.00000	0.00	0.00	0.	0	10	0	0.00
15031	2662DF	0.	621.	464.	725.	0	0.	0.00000	0.00	0.00	725.	10	0	B98	0.00
15031	2662F	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2663CD	464.	725.	1349.	2584.	5	400.	0.00400	18.00	0.00	0.	10	0	B98	0.00
15031	2664D	0.	0.	0.	725.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2665D	67.	231.	67.	231.	4	1400.	0.01400	4.50	0.00	0.	20	9	B98	0.68
15031	2666D	44.	163.	111.	378.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.50
15031	2667D	0.	0.	111.	378.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2668D	0.	0.	111.	378.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2669CD	111.	378.	1460.	2792.	5	2300.	0.00400	18.00	0.00	0.	10	0	B98	0.00
15031	2670C	47.	164.	1507.	2805.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.40
15031	2671C	71.	224.	1578.	2956.	5	900.	0.01200	15.00	0.00	0.	10	11	B98	0.50
15031	2672C	0.	0.	1578.	2945.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2673D	59.	204.	59.	204.	3	450.	0.04800	0.00	0.00	0.	20	8	B98	0.10
15031	2674E	61.	199.	61.	199.	3	400.	0.05000	0.00	0.00	0.	20	9	B98	0.14
15031	2675DE	61.	198.	120.	399.	4	1050.	0.04800	4.50	0.00	0.	10	0	B98	0.00

CALLEGUA. 990															
15031	2676D	0.	0.	120.	395.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2677E	0.	0.	0.	198.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2678E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	2679E	64.	242.	64.	242.	3	1530.	0.08000	0.00	0.00	0.	10	10	C99	0.00
15031	2680E	40.	172.	104.	389.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.11
15031	2681E	40.	160.	144.	546.	4	2000.	0.08000	4.50	0.00	0.	10	9	C99	0.09
15031	2682E	44.	162.	188.	676.	4	1300.	0.06000	5.00	0.00	0.	10	8	B98	0.28
15031	2683DE	188.	666.	308.	1059.	4	650.	0.01200	8.00	0.00	0.	10	0	B98	0.00
15031	2684D	76.	267.	384.	1251.	4	1500.	0.02000	7.75	0.00	0.	20	8	B98	0.28
15031	2685D	54.	173.	438.	1382.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.46
15031	2686CD	438.	1382.	2016.	4254.	5	800.	0.04300	14.00	0.00	0.	10	0	B98	0.00
15031	2687C	53.	183.	2069.	4369.	5	1200.	0.04300	14.00	0.00	0.	10	9	B98	0.14
15031	2688C	39.	143.	2108.	4406.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.16

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	STG. Q	DAMS SUBAREA	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	STORM RAIN ZONE	DAY 4 PCT IMPV
15031	2688C	39.	143.	2108.	3957.	0	0.	0.00000	0.00	0.00	0.	0	5	0	0.00
15031	2689C	0.	0.	2108.	3957.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2690BC	2108.	3957.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	2691B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2692B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2693B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2694B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2695B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2696B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2697B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2698B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2699B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2700B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2701B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2702B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2703B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2704B	0.	0.	8637.	8322.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2705C	81.	237.	81.	237.	1	800.	0.13000	0.00	0.00	0.	10	12	B98	0.00
15031	2706C	73.	214.	154.	449.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031	2707C	71.	199.	225.	646.	1	800.	0.04400	0.00	0.00	0.	10	13	B98	0.00
15031	2708C	70.	196.	295.	831.	1	730.	0.08000	0.00	0.00	0.	10	13	B98	0.00
15031	2709C	87.	243.	382.	1058.	1	1800.	0.07000	0.00	0.00	0.	10	13	B98	0.00
15031	2710C	68.	199.	450.	1201.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031	2711D	0.	0.	0.	1382.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2712D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2713D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2714D	81.	237.	81.	237.	1	1600.	0.05000	0.00	0.00	0.	10	12	B98	0.00
15031	2715D	81.	237.	162.	434.	1	2000.	0.05000	0.00	0.00	0.	10	12	B98	0.00
15031	2716D	60.	162.	222.	508.	1	200.	0.05000	0.00	0.00	0.	30	11	B98	0.00
15031	2717CD	222.	503.	672.	1700.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	2718D	62.	158.	62.	158.	0	0.	0.00000	0.00	0.00	0.	30	12	B98	0.00
15031	2719CD	62.	158.	734.	1838.	1	1500.	0.05000	0.00	0.00	0.	10	0	B98	0.00
15031	2720C	61.	179.	795.	1915.	1	1200.	0.07000	0.00	0.00	0.	10	12	B98	0.04
15031	2721C	50.	155.	845.	1967.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.04
15031	2722D	0.	0.	0.	158.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031	2723D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031	2724D	71.	191.	71.	191.	1	1500.	0.07000	0.00	0.00	0.	30	11	B98	0.00
15031	2725D	45.	136.	116.	294.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.00
15031	2726CD	116.	294.	961.	2166.	1	700.	0.02900	0.00	0.00	0.	10	0	B98	0.00
15031	2727C	54.	177.	1015.	2189.	1	1000.	0.04000	0.00	0.00	0.	10	10	B98	0.04
15031	2728C	41.	118.	1056.	2200.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.01
15031	2729D	0.	0.	0.	294.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00

CALLEGUA. 990															
15031	2730D	0.	0.	0.	0.	0	0.	0.0000	0.00	0.00	0.	20	99	B98	0.00
15031	2731D	37.	113.	37.	113.	0	0.	0.0000	0.00	0.00	0.	20	10	B98	0.00
15031	2732D	69.	178.	106.	291.	1	1500.	0.05000	0.00	0.00	0.	20	13	B98	0.00
15031	2733D	52.	141.	158.	400.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.00
15031	2734D	21.	77.	179.	454.	1	1440.	0.04200	0.00	0.00	0.	10	8	B98	0.00
15031	2735D	25.	76.	204.	477.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.00
15031	2736CD	204.	477.	1260.	2616.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	2737C	0.	0.	1260.	2616.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														STORM	DAY 4
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	2738C	0.	1260.	2616.	1	2050.	0.01600	0.00	0.00	0.	10	99	B98	0.00	
15031	2739C	71.	1331.	2554.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.05	
15031	2740D	40.	40.	128.	4	1150.	0.05000	3.00	0.00	0.	30	9	B98	0.34	
15031	2741D	40.	80.	253.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.34	
15031	2742CD	80.	1411.	2592.	1	550.	0.04300	0.00	0.00	0.	10	0	B98	0.00	
15031	2743C	0.	1411.	2589.	0	0.	0.00000	0.00	0.00	0.	40	99	B98	0.00	
15031	2744D	0.	0.	253.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00	
15031	2745D	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00	
15031	2746D	39.	39.	128.	1	1400.	0.04000	0.00	0.00	0.	20	9	B98	0.23	
15031	2747D	50.	89.	237.	1	1400.	0.04300	0.00	0.00	0.	30	10	B98	0.20	
15031	2748D	42.	131.	298.	1	600.	0.03800	0.00	0.00	0.	30	10	B98	0.15	
15031	2749D	78.	209.	466.	1	1750.	0.03800	0.00	0.00	0.	30	12	B98	0.00	
15031	2750D	66.	275.	570.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.16	
15031	2751CD	275.	1686.	2978.	1	1800.	0.01400	0.00	0.00	0.	10	0	B98	0.00	
15031	2752C	38.	1724.	2949.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.20	
15031	2753D	0.	0.	570.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
15031	2754D	41.	41.	142.	4	900.	0.08000	2.75	0.00	0.	10	9	B98	0.16	
15031	2755D	43.	84.	281.	4	900.	0.04300	4.00	0.00	0.	20	9	B98	0.30	
15031	2756D	50.	134.	434.	4	1300.	0.04000	4.75	0.00	0.	10	11	B98	0.36	
15031	2757D	50.	184.	580.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.38	
15031	2758CD	184.	1908.	3047.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00	
15031	2759E	45.	45.	139.	4	1550.	0.06000	3.00	0.00	0.	20	10	B98	0.15	
15031	2760E	89.	134.	370.	4	1250.	0.06000	4.00	0.00	0.	20	13	B98	0.15	
15031	2761F	69.	69.	203.	3	1700.	0.05000	0.00	0.00	0.	10	12	B98	0.05	
15031	2762F	47.	116.	315.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.12	
15031	2763EF	116.	250.	681.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00	
15031	2764CE	250.	2158.	3196.	1	1800.	0.01300	0.00	0.00	0.	10	0	B98	0.00	
15031	2765D	29.	29.	95.	1	500.	0.04000	0.00	0.00	0.	20	9	B98	0.23	
15031	2766D	0.	29.	93.	4	600.	0.08000	2.25	0.00	0.	20	99	B98	0.00	
15031	2767D	58.	87.	272.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.26	

 * CONFLUENCE Q'S *
 * 15031 2768C TC 1175 QC 3172. QCD 3210. QD 38. 15031 2768D TD 1156 QD 272. QDC 2178. QC 1906. *
 * 15031 2768CD TCD 1174 QCD 3210. QC 3172. QD 38. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031	2768CD	87.	2245.	3210.	1	800.	0.01900	0.00	0.00	0.	10	0	B98	0.00
15031	2769C	56.	2301.	3228.	1	1920.	0.01600	0.00	0.00	0.	10	10	B98	0.05
15031	2770C	40.	2341.	3227.	1	280.	0.01800	0.00	0.00	0.	10	10	B98	0.15
15031	2771D	54.	54.	177.	4	1150.	0.04800	3.25	0.00	0.	10	10	B98	0.09
15031	2772D	64.	118.	392.	4	2000.	0.03700	4.50	0.00	0.	10	9	B98	0.22
15031	2773D	58.	176.	543.	4	850.	0.03900	5.00	0.00	0.	10	13	B98	0.23
15031	2774D	100.	276.	818.	4	1350.	0.02600	6.25	0.00	0.	10	12	B98	0.21
15031	2775D	60.	336.	975.	4	1350.	0.05000	6.00	0.00	0.	10	11	B98	0.09
15031	2776D	21.	357.	1022.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.20
15031	2777CD	357.	2698.	3379.	1	1550.	0.00600	0.00	0.00	0.	10	0	B98	0.00

CALLEGUA. 990															
15031	2778C	35.	108.	2733.	3382.	0	0.	0.0000	0.00	0.00	0.	10	11	B98	0.05
15031	2779C	49.	145.	2782.	3399.	0	0.	0.0000	0.00	0.00	0.	10	12	B98	0.20
15031	2780D	46.	158.	46.	158.	3	2200.	0.08000	0.00	0.00	0.	10	9	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	STORM DAY 4	
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
15031	2781D	47.	151.	93.	270.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.00

CONFLUENCE Q' S																		
*	15031	2782C	TC 1183	QC	3399.	QCD	3424.	QD	25.	15031	2782D	TD 1157	QD	270.	QDC	2352.	QC	2083.
*	15031 2782CD TCD 1182 QCD 3425. QC 3398. QD 26.																	

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT		
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
15031	2782CD	93.	270.	2875.	3425.	5	1300.	0.02200	15.00	0.00	0.	10	0	B98	0.00
15031	2783C	74.	271.	2949.	3448.	5	970.	0.00100	26.00	0.00	0.	10	8	B98	0.16
15031	2784C	35.	103.	2984.	3456.	5	1500.	0.01300	16.00	0.00	0.	20	11	B98	0.23
15031	2785C	54.	169.	3038.	3469.	5	800.	0.01900	15.00	0.00	0.	20	10	B98	0.23
15031	2786D	57.	162.	57.	162.	3	2100.	0.06000	0.00	0.00	0.	10	13	B98	0.34
15031	2787D	53.	136.	110.	274.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.23

CONFLUENCE Q' S																		
*	15031	2788C	TC 1186	QC	3469.	QCD	3509.	QD	40.	15031	2788D	TD 1159	QD	274.	QDC	2819.	QC	2545.
*	15031 2788CD TCD 1179 QCD 3516. QC 3465. QD 51.																	

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT		
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
15031	2788CD	110.	274.	3148.	3516.	5	1800.	0.01000	17.00	0.00	0.	20	0	B98	0.00
15031	2789C	0.	0.	3148.	3515.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2790C	45.	140.	3193.	3530.	5	400.	0.05000	13.00	0.00	0.	10	11	B98	0.10
15031	2791C	67.	160.	3260.	3542.	5	1700.	0.01200	17.00	0.00	0.	30	14	B98	0.12
15031	2792C	49.	125.	3309.	3556.	5	2200.	0.00900	17.00	0.00	0.	20	14	B98	0.20
15031	2793C	65.	184.	3374.	3577.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.21
15031	2794D	37.	122.	37.	122.	4	300.	0.01600	3.50	0.00	0.	10	10	B98	0.23
15031	2795D	59.	184.	96.	305.	4	1800.	0.01400	5.00	0.00	0.	10	11	B98	0.23
15031	2796D	44.	137.	140.	420.	4	1800.	0.01400	5.50	0.00	0.	20	10	B98	0.22
15031	2797D	70.	142.	210.	544.	0	0.	0.00000	0.00	0.00	0.	30	18	B98	0.10
15031	2798E	48.	142.	48.	142.	3	1800.	0.01400	0.00	0.00	0.	10	12	B98	0.10
15031	2799E	44.	145.	92.	226.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.23

CONFLUENCE Q' S																		
*	15031	2800D	TD 1160	QD	544.	QDE	751.	QE	206.	15031	2800E	TE 1158	QE	226.	QED	752.	QD	527.
*	15031 2800DE TDE 1159 QDE 756. QD 540. QE 217.																	

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT		
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
15031	2800DE	92.	226.	302.	756.	4	500.	0.03000	6.00	0.00	0.	10	0	B98	0.00
15031	2801D	0.	0.	302.	754.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CONFLUENCE Q' S																		
*	15031	2802C	TC 1183	QC	3577.	QCD	3691.	QD	114.	15031	2802D	TD 1160	QD	754.	QDC	3639.	QC	2885.
*	15031 2802CD TCD 1164 QCD 3874. QC 3240. QD 634.																	

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT		
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
15031	2802CD	302.	754.	3676.	3874.	5	1200.	0.00800	18.00	0.00	0.	10	0	B98	0.00

CALLEGUA. 990														
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952														
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI N	PCT	STORM DAY 4
AREA	Q	AREA	Q	TYPE	LN GTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV	
15031 2803C	54.	160.	3730.	3912.	5	1000.	0. 00600	18. 00	0. 00	0.	10	12	B98	0. 23
15031 2804C	38.	105.	3768.	3936.	5	1600.	0. 00600	18. 00	0. 00	0.	20	12	B98	0. 16
15031 2805C	71.	184.	3839.	4010.	5	1300.	0. 01200	17. 00	0. 00	0.	20	14	B98	0. 34
15031 2806C	53.	146.	3892.	4034.	5	300.	0. 03300	14. 00	0. 00	0.	20	13	B98	0. 50
15031 2807C	0.	0.	3892.	4032.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2808C	0.	0.	3892.	4032.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2809C	0.	0.	3892.	4032.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2810C	0.	0.	3892.	4032.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2811E	93.	234.	93.	234.	1	1200.	0. 03500	0. 00	0. 00	0.	20	14	B98	0. 11
15031 2812E	27.	99.	120.	289.	0	0.	0. 00000	0. 00	0. 00	0.	10	8	B98	0. 13
15031 2813F	60.	186.	60.	186.	1	1400.	0. 04400	0. 00	0. 00	0.	20	10	B98	0. 15
15031 2814F	59.	182.	119.	325.	0	0.	0. 00000	0. 00	0. 00	0.	20	10	B98	0. 11
15031 2815EF	119.	325.	239.	608.	1	1150.	0. 03500	0. 00	0. 00	0.	10	0	B98	0. 00
15031 2816E	55.	169.	294.	703.	0	0.	0. 00000	0. 00	0. 00	0.	20	10	B98	0. 09
15031 2817EF	0.	703.	294.	0.	0	0.	0. 00000	0. 00	0. 00	725.	20	0	B99	0. 00
15031 2817F	0.	0.	0.	703.	0	0.	0. 00000	0. 00	0. 00	0.	20	99	B98	0. 00
15031 2818F	0.	0.	0.	703.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2819F	0.	0.	0.	703.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2820D	59.	183.	59.	183.	1	3000.	0. 06000	0. 00	0. 00	0.	10	11	B98	0. 05
15031 2821D	64.	210.	123.	294.	1	2775.	0. 04200	0. 00	0. 00	0.	10	10	B98	0. 09
15031 2822D	55.	171.	178.	346.	0	0.	0. 00000	0. 00	0. 00	0.	10	11	B98	0. 14
15031 2823D	96.	261.	274.	590.	0	0.	0. 00000	0. 00	0. 00	0.	10	14	B98	0. 19
15031 2824D	85.	239.	359.	813.	1	3000.	0. 03100	0. 00	0. 00	0.	10	13	B98	0. 14
15031 2825D	85.	240.	444.	905.	0	0.	0. 00000	0. 00	0. 00	0.	10	13	B98	0. 15
15031 2826D	0.	0.	444.	905.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2827E	71.	199.	365.	199.	0	0.	0. 00000	0. 00	0. 00	0.	10	13	B98	0. 05
15031 2828E	39.	121.	404.	320.	1	850.	0. 04200	0. 00	0. 00	0.	10	11	B98	0. 05
15031 2829E	67.	183.	471.	489.	1	3375.	0. 04100	0. 00	0. 00	0.	20	12	B98	0. 06
15031 2830E	73.	216.	544.	528.	0	0.	0. 00000	0. 00	0. 00	0.	10	12	B98	0. 22
15031 2831E	0.	0.	544.	528.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2832E	0.	0.	544.	528.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2833E	0.	0.	544.	528.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2834E	0.	0.	544.	528.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2835E	0.	0.	544.	528.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2836E	0.	0.	544.	528.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2837E	0.	0.	544.	528.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2838EF	0.	703.	544.	1199.	1	550.	0. 03500	0. 00	0. 00	0.	10	0	B98	0. 00
15031 2839E	66.	203.	610.	1316.	1	1650.	0. 02000	0. 00	0. 00	0.	20	10	B98	0. 11
15031 2840E	58.	189.	668.	1291.	0	0.	0. 00000	0. 00	0. 00	0.	20	9	B98	0. 11
15031 2841DE	668.	1291.	1112.	2196.	1	1050.	0. 02400	0. 00	0. 00	0.	10	0	B98	0. 00
15031 2842D	67.	231.	1179.	2204.	0	0.	0. 00000	0. 00	0. 00	0.	10	9	B98	0. 12
15031 2843D	43.	158.	1222.	2230.	0	0.	0. 00000	0. 00	0. 00	0.	10	8	B98	0. 15
15031 2844D	0.	0.	1222.	2230.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2845D	0.	0.	1222.	2230.	0	0.	0. 00000	0. 00	0. 00	0.	10	99	B98	0. 00
15031 2846E	79.	241.	79.	241.	3	1825.	0. 05000	0. 00	0. 00	0.	20	10	B98	0. 00
15031 2847E	66.	228.	145.	414.	1	775.	0. 05000	0. 00	0. 00	0.	10	9	B98	0. 10

VENTURA COUNTY FLOOD CONTROL DISTRICT														
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952														
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI N	PCT	STORM DAY 4
AREA	Q	AREA	Q	TYPE	LN GTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV	

* CONFLUENCE Q' S *														
* 15031 2848D	TD 1166	QD	2230. QDE	2450. QE	221.	15031 2848E	TE 1159	QE	402. QED	2372. QD	1970.			*
* 15031 2848DE TDE 1163 QDE 2477. QD 2171. QE 306. *														

CALLEGUA. 990														
LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT I MPV
15031 2848DE	145.	402.	1367.	2477.	1	325.	0.02200	0.00	0.00	0.	10	0	B98	0.00
15031 2849D	53.	194.	1420.	2514.	1	1350.	0.01000	0.00	0.00	0.	10	8	B98	0.13
15031 2850D	72.	289.	1492.	2551.	1	1850.	0.01600	0.00	0.00	0.	10	9	C99	0.15
15031 2851D	71.	269.	1563.	2575.	1	850.	0.01500	0.00	0.00	0.	10	10	C99	0.10
15031 2852D	31.	133.	1594.	2590.	5	400.	0.05000	11.00	0.00	0.	10	8	C99	0.22
15031 2853E	62.	266.	62.	266.	1	1800.	0.05000	0.00	0.00	0.	10	8	C99	0.05
15031 2854E	51.	219.	113.	403.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.06
15031 2855DE	113.	403.	1707.	2681.	5	1200.	0.01500	14.00	0.00	0.	10	0	C99	0.00
15031 2856D	49.	176.	1756.	2707.	5	200.	0.02300	13.00	0.00	0.	20	10	C99	0.14
15031 2857D	0.	0.	1756.	2706.	5	1600.	0.02300	13.00	0.00	0.	10	99	B98	0.00
15031 2858E	60.	187.	60.	187.	4	1100.	0.01400	4.25	0.00	0.	10	11	B98	0.18
15031 2859E	50.	215.	110.	394.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.23
15031 2860DE	110.	394.	1866.	2766.	5	2200.	0.01600	14.00	0.00	0.	10	0	C99	0.00
15031 2861D	74.	232.	1940.	2794.	5	800.	0.01700	14.00	0.00	0.	10	11	B98	0.39
15031 2862D	33.	89.	1973.	2808.	5	2250.	0.02200	13.00	0.00	0.	20	14	B98	0.60
15031 2863D	32.	102.	2005.	2814.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.40
15031 2864D	0.	0.	2005.	2814.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2865E	52.	179.	52.	179.	1	700.	0.10000	0.00	0.00	0.	20	8	B98	0.05
15031 2866E	48.	176.	100.	347.	4	1050.	0.04000	4.25	0.00	0.	10	8	B98	0.08
15031 2867E	24.	83.	124.	420.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.10
15031 2868F	64.	185.	64.	185.	1	1250.	0.04000	0.00	0.00	0.	20	11	B98	0.09
15031 2869F	52.	142.	116.	300.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.08
15031 2870EF	116.	300.	240.	703.	1	1500.	0.05000	0.00	0.00	0.	20	0	B98	0.00
15031 2871F	59.	172.	59.	172.	1	1200.	0.02100	0.00	0.00	0.	20	11	B98	0.15
15031 2872F	40.	125.	99.	248.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.25
15031 2873EF	99.	248.	339.	910.	1	1100.	0.03600	0.00	0.00	0.	20	0	B98	0.00
15031 2874DE	339.	891.	2344.	3518.	5	200.	0.03600	13.00	0.00	0.	10	0	B98	0.00
15031 2875D	0.	0.	2344.	3517.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2876D	0.	0.	2344.	3517.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2877D	0.	0.	2344.	3517.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2878E	75.	240.	75.	240.	4	1800.	0.00600	5.25	0.00	0.	20	13	C99	0.39
15031 2879E	54.	233.	129.	432.	4	1200.	0.00800	6.25	0.00	0.	10	8	C99	0.49
15031 2880E	70.	234.	199.	641.	4	600.	0.01700	6.25	0.00	0.	10	13	C99	0.42
15031 2881E	45.	186.	244.	779.	4	950.	0.01100	7.25	0.00	0.	20	8	C99	0.30
15031 2882E	0.	0.	244.	771.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031 2883F	47.	202.	47.	202.	1	1650.	0.04800	0.00	0.00	0.	10	8	C99	0.07
15031 2884F	50.	205.	97.	341.	4	1200.	0.04200	4.25	0.00	0.	20	8	C99	0.17
15031 2885EF	97.	332.	341.	1103.	5	10.	0.04000	9.00	0.00	0.	10	0	C99	0.00
15031 2886F	49.	169.	49.	169.	1	1350.	0.02200	0.00	0.00	0.	10	9	B98	0.11
15031 2887F	36.	120.	85.	221.	4	1000.	0.04000	3.75	0.00	0.	20	9	B98	0.37
15031 2888F	48.	159.	133.	353.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.28
15031 2889EF	133.	353.	474.	1444.	5	550.	0.00900	12.00	0.00	0.	10	0	B98	0.00
15031 2890E	0.	0.	474.	1442.	5	1900.	0.02100	11.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	STORM DAY 4 RAI N ZONE	PCT I MPV
15031 2891E	49.	149.	523.	1549.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.47
15031 2892E	0.	0.	523.	1549.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2893F	37.	136.	37.	136.	3	500.	0.01000	0.00	0.00	0.	10	8	B98	0.18

* CONFLUENCE Q' S *
* 15031 2894E TE 1159 QE 1549. QEF 1666. QF 117. 15031 2894F TF 1157 QF 130. QFE 1572. QE 1443. *
* 15031 2894EF TEF 1159 QEF 1666. QE 1549. QF 117. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOI L NAME	TC	RAI N ZONE	PCT I MPV
-----------	--------------	-----------	------------	---------	-----------	------------	------------	------------	--------	-----------	------------	----	------------	-----------

CALLEGUA. 990

```

15031 2894EF 37. 130. 560. 1666. 5 300. 0.01000 13.00 0.00 0. 10 0 B98 0.00
*****
* CONFLUENCE Q' S *
* 15031 2895D TD 1162 QD 3517. QDE 5064. QE 1547. 15031 2895E TE 1159 QE 1658. QED 4913. QD 3254. *
* 15031 2895DE TDE 1161 QDE 5109. QD 3498. QE 1612. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2895DE	560.	1658.	2904.	5109.	0	0.	0.00000	0.00	0.00	0.	20	0	B98	0.00
15031 2896D	0.	0.	2904.	5109.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2897D	0.	0.	2904.	5109.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2898D	50.	141.	2954.	5232.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.19
15031 2899D	0.	0.	2954.	5232.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2900E	62.	215.	62.	215.	1	1600.	0.02500	0.00	0.00	0.	10	9	B98	0.23
15031 2901E	50.	163.	112.	286.	4	850.	0.03100	4.25	0.00	0.	20	9	B98	0.14
15031 2902F	47.	153.	47.	153.	4	1200.	0.07000	3.00	0.00	0.	20	9	B98	0.14
15031 2903F	31.	109.	78.	259.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.26
15031 2904EF	78.	259.	190.	513.	4	1000.	0.01300	6.00	0.00	0.	10	0	B98	0.00
15031 2905E	0.	0.	190.	507.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2906E	33.	116.	223.	601.	4	500.	0.01300	6.50	0.00	0.	20	8	B98	0.29
15031 2907E	32.	115.	255.	691.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.50

```

*****
* CONFLUENCE Q' S *
* 15031 2908D TD 1161 QD 5232. QDE 5785. QE 553. 15031 2908E TE 1157 QE 691. QED 5215. QD 4524. *
* 15031 2908DE TDE 1160 QDE 5793. QD 5181. QE 612. *
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2908DE	255.	691.	3209.	5793.	5	1000.	0.00900	20.00	0.00	0.	10	0	B98	0.00
15031 2909D	68.	242.	3277.	5845.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.39
15031 2910E	39.	130.	39.	130.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.45
15031 2911DE	39.	130.	3316.	5931.	5	900.	0.01200	20.00	0.00	0.	10	0	B98	0.00
15031 2912D	0.	0.	3316.	5907.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2913D	0.	0.	3316.	5907.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2914E	54.	167.	54.	167.	4	1400.	0.02900	3.50	0.00	0.	10	11	B98	0.00
15031 2915E	64.	167.	118.	329.	4	250.	0.04400	4.25	0.00	0.	20	14	B98	0.35
15031 2916E	0.	0.	118.	328.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2917DE	118.	328.	3434.	6201.	5	650.	0.00600	22.00	0.00	0.	10	0	B98	0.00
15031 2918D	45.	160.	3479.	6220.	5	1000.	0.01400	19.00	0.00	0.	20	8	B98	0.40
15031 2919D	0.	0.	3479.	6204.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 2920E	42.	150.	42.	150.	4	400.	0.02300	3.50	0.00	0.	20	8	B98	0.46
15031 2921DE	42.	149.	3521.	6244.	5	550.	0.00900	21.00	0.00	0.	20	0	B98	0.00
15031 2922D	49.	156.	3570.	6283.	5	1300.	0.01700	19.00	0.00	0.	20	10	B98	0.39
15031 2923D	0.	0.	3570.	6275.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2924D	0.	0.	3570.	6275.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2925E	51.	163.	51.	163.	4	400.	0.02900	3.50	0.00	0.	20	10	B98	0.44
15031 2926E	0.	0.	51.	162.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 2927DE	51.	162.	3621.	6334.	5	900.	0.00600	23.00	0.00	0.	20	0	B98	0.00
15031 2928D	0.	0.	3621.	6318.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2929D	0.	0.	3621.	6318.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2930D	0.	0.	3621.	6318.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2931D	0.	0.	3621.	6318.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 2932E	50.	183.	50.	183.	1	550.	0.07000	0.00	0.00	0.	10	8	B98	0.05
15031 2933E	45.	155.	95.	332.	1	750.	0.05000	0.00	0.00	0.	10	9	B98	0.05
15031 2934E	38.	125.	133.	441.	1	500.	0.09000	0.00	0.00	0.	10	10	B98	0.07

CALLEGUA. 990

15031	2935E	0.	0.	133.	438.	0	0.	0.0000	0.00	0.00	0.	10	99	B98	0.00
15031	2936F	42.	180.	42.	180.	1	1300.	0.06000	0.00	0.00	0.	10	8	C99	0.02
15031	2937F	48.	172.	90.	333.	0	0.	0.00000	0.00	0.00	0.	10	11	C99	0.05
15031	2938EF	90.	333.	223.	772.	0	0.	0.00000	0.00	0.00	0.	20	0	B98	0.00
15031	2939F	69.	226.	69.	226.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.06
15031	2940EF	69.	226.	292.	976.	4	1650.	0.02400	7.00	0.00	0.	20	0	B98	0.00
15031	2941E	46.	150.	338.	1068.	4	2000.	0.01800	7.50	0.00	0.	20	9	B98	0.14
15031	2942E	68.	211.	406.	1183.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.15
15031	2943E	39.	115.	445.	1257.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.14
15031	2944F	62.	199.	62.	199.	1	2700.	0.06000	0.00	0.00	0.	20	9	B98	0.01
15031	2945F	67.	184.	129.	303.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.11
15031	2946EF	129.	303.	574.	1549.	5	1800.	0.01700	11.00	0.00	0.	20	0	B98	0.00
15031	2947E	44.	133.	618.	1639.	5	550.	0.01400	11.00	0.00	0.	20	11	B98	0.45
15031	2948E	0.	0.	618.	1631.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2949DE	618.	1631.	4239.	7844.	5	250.	0.00600	25.00	0.00	0.	10	0	B98	0.00
15031	2950D	0.	0.	4239.	7841.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2951D	0.	0.	4239.	7841.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2952D	0.	0.	4239.	7841.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2953D	0.	0.	4239.	7841.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2954D	0.	0.	4239.	7841.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2955E	65.	213.	65.	213.	1	2600.	0.04200	0.00	0.00	0.	10	10	B98	0.05
15031	2956E	77.	266.	142.	350.	4	1000.	0.02000	5.00	0.00	0.	10	9	B98	0.14
15031	2957E	51.	159.	193.	493.	4	900.	0.04400	4.75	0.00	0.	10	11	B98	0.23
15031	2958E	75.	234.	268.	715.	4	400.	0.05000	5.50	0.00	0.	10	11	B98	0.21
15031	2959E	48.	158.	316.	863.	4	1600.	0.01900	7.00	0.00	0.	10	10	B98	0.18
15031	2960E	40.	125.	356.	970.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.23
15031	2961E	0.	0.	356.	970.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2962F	60.	207.	60.	207.	4	2200.	0.03400	3.75	0.00	0.	10	9	B98	0.10
15031	2963F	43.	144.	103.	333.	4	850.	0.04000	4.25	0.00	0.	30	8	B98	0.23
15031	2964F	60.	177.	163.	495.	4	200.	0.03300	5.00	0.00	0.	20	11	B98	0.23
15031	2965F	0.	0.	163.	495.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2966EF	163.	495.	519.	1454.	4	2500.	0.02800	7.75	0.00	0.	20	0	B98	0.00
15031	2967E	60.	208.	579.	1573.	5	1000.	0.01600	11.00	0.00	0.	10	9	B98	0.23
15031	2968E	42.	154.	621.	1653.	5	1300.	0.02000	11.00	0.00	0.	10	8	B98	0.23
15031	2969E	45.	165.	666.	1720.	5	300.	0.01500	11.00	0.00	0.	10	8	B98	0.23

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031	2970E	60.	208.	726.	1852.	5	2900.	0.02400	11.00	0.00	0.	10	9	B98 0.23
15031	2971E	79.	250.	805.	1983.	5	850.	0.01200	13.00	0.00	0.	20	10	B98 0.33
15031	2972E	0.	0.	805.	1955.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00

CONFLUENCE Q'S

*	15031	2973D	TD 1163 QD	7841. QDE	9730. QE	1890.	15031	2973E	TE 1161 QE	1955. QED	9540. QD	7585.	*
*				15031	2973DE	TDE 1162 QDE	9730. QD	7778. QE	1952.				*

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031	2973DE	805.	1955.	5044.	9730.	5	1100.	0.01100	24.00	0.00	0.	10	0	B98 0.00
15031	2974D	67.	209.	5111.	9773.	5	100.	0.01100	24.00	0.00	0.	30	10	B98 0.48
15031	2975D	0.	0.	5111.	9767.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00

CONFLUENCE Q'S

*	15031	2976C	TC 1167 QC	4032. QCD	12992. QD	8960.	15031	2976D	TD 1163 QD	9767. QDC	13607. QC	3840.	*
*				15031	2976CD	TCD 1164 QCD	13675. QC	3943. QD	9731.				*

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

CALLEGUA. 990															
15031	2976CD	5111.	9767.	9003.	13675.	5	500.	0.01200	26.00	0.00	0.	10	0	B98	0.00
15031	2977C	0.	0.	9003.	13662.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2978D	0.	0.	0.	9767.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2979D	45.	181.	45.	181.	4	1750.	0.01400	4.00	0.00	0.	10	9	C99	0.31
15031	2980D	43.	137.	88.	299.	4	150.	0.02200	4.50	0.00	0.	20	10	B98	0.40
15031	2981CD	88.	299.	9091.	13786.	1	1350.	0.00900	0.00	0.00	0.	10	0	B98	0.00
15031	2982C	0.	0.	9091.	13647.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2983D	51.	188.	51.	188.	4	2400.	0.02100	3.75	0.00	0.	10	8	B98	0.30
15031	2984D	53.	196.	104.	350.	4	400.	0.00600	6.00	0.00	0.	10	8	B98	0.48
15031	2985D	0.	0.	104.	342.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2986CD	104.	342.	9195.	13749.	1	1100.	0.01000	0.00	0.00	0.	10	0	B98	0.00
15031	2987C	63.	214.	9258.	13721.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.52
15031	2988D	0.	0.	0.	342.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2989D	63.	172.	63.	172.	1	1700.	0.06000	0.00	0.00	0.	20	12	B98	0.07
15031	2990D	57.	176.	120.	306.	4	1450.	0.02800	4.50	0.00	0.	20	10	B98	0.14
15031	2991D	57.	200.	177.	457.	4	1100.	0.02700	10.00	0.00	0.	20	8	B98	0.27
15031	2992D	36.	128.	213.	566.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.39
15031	2993E	50.	173.	50.	173.	4	1600.	0.04100	3.25	0.00	0.	20	8	B98	0.11
15031	2994E	0.	0.	50.	168.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2995DE	50.	168.	263.	734.	2	300.	0.02200	0.00	0.00	0.	10	0	B98	0.00
15031	2996E	37.	137.	37.	137.	4	150.	0.01800	3.50	0.00	0.	10	8	B98	0.50
15031	2997DE	37.	136.	300.	854.	2	600.	0.02200	0.00	0.00	0.	10	0	B98	0.00
15031	2998D	0.	0.	300.	844.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	2999D	53.	176.	353.	1007.	2	600.	0.00800	0.00	0.00	0.	20	9	B98	0.29
15031	3000D	0.	0.	353.	983.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3001E	55.	150.	55.	150.	3	1200.	0.05000	0.00	0.00	0.	20	12	B98	0.04
15031	3002E	0.	0.	55.	144.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3003E	67.	172.	122.	306.	4	1700.	0.03200	4.25	0.00	0.	30	12	B98	0.05
15031	3004E	52.	168.	174.	444.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.06
15031	3005DE	174.	444.	527.	1413.	4	100.	0.05000	7.00	0.00	0.	10	0	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	STORM DAY 4 RAI N ZONE	PCT I MPV	
15031	3006E	0.	0.	0.	444.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	3007E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
15031	3008E	63.	226.	63.	226.	1	2000.	0.10000	0.00	0.00	0.	10	11	C99	0.05
15031	3009E	44.	179.	107.	361.	1	750.	0.07000	0.00	0.00	0.	20	8	C99	0.05
15031	3010E	34.	126.	141.	439.	1	800.	0.06000	0.00	0.00	0.	20	7	B98	0.05
15031	3011E	34.	126.	175.	516.	0	0.	0.00000	0.00	0.00	0.	20	7	B98	0.05
15031	3012F	52.	185.	52.	185.	1	2600.	0.07000	0.00	0.00	0.	20	10	C99	0.05
15031	3013F	79.	254.	131.	384.	0	0.	0.00000	0.00	0.00	0.	20	12	C99	0.05
15031	3014EF	131.	384.	306.	891.	1	2500.	0.04800	0.00	0.00	0.	10	0	B98	0.00
15031	3015E	46.	171.	352.	856.	0	0.	0.00000	0.00	0.00	0.	20	7	B98	0.05
15031	3016E	38.	104.	390.	922.	1	1300.	0.03500	0.00	0.00	0.	20	12	B98	0.05
15031	3017E	13.	53.	403.	918.	0	0.	0.00000	0.00	0.00	0.	20	6	B98	0.05
15031	3018DE	403.	918.	930.	2198.	5	300.	0.05000	11.00	0.00	0.	10	0	B98	0.00
15031	3019CD	930.	2197.	10188.	15130.	2	1400.	0.01500	0.00	0.00	0.	10	0	B98	0.00
15031	3020C	0.	0.	10188.	15092.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3021D	63.	196.	63.	196.	4	200.	0.00600	5.00	0.00	0.	20	10	B98	0.20
15031	3022CD	63.	195.	10251.	15123.	2	600.	0.01500	0.00	0.00	0.	10	0	B98	0.00
15031	3023C	42.	134.	10293.	15137.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.50
15031	3024D	55.	192.	55.	192.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.40
15031	3025D	72.	237.	127.	429.	4	1700.	0.01500	5.50	0.00	0.	10	10	B98	0.23
15031	3026D	42.	143.	169.	544.	0	0.	0.00000	0.00	0.00	0.	40	8	B98	0.50
15031	3027CD	169.	544.	10462.	15242.	5	600.	0.00800	33.00	0.00	0.	10	0	B98	0.00
15031	3028C	26.	92.	10488.	15241.	5	650.	0.00600	37.00	0.00	0.	20	8	B98	0.30
15031	3029C	0.	0.	10488.	15220.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3030D	0.	0.	0.	544.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CALLEGUA. 990															
15031	3031D	60.	178.	60.	178.	4	1200.	0.00400	5.25	0.00	0.	10	12	B98	0.22
15031	3032D	51.	159.	111.	319.	4	1600.	0.00900	5.50	0.00	0.	10	11	B98	0.25
15031	3033D	38.	126.	149.	410.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.41
15031	3034D	67.	209.	216.	604.	4	1150.	0.00900	7.00	0.00	0.	10	11	B98	0.30
15031	3035D	81.	228.	297.	807.	4	1100.	0.00900	7.75	0.00	0.	10	13	B98	0.15
15031	3036E	50.	147.	50.	147.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.13
15031	3037E	63.	178.	113.	325.	4	650.	0.01500	5.00	0.00	0.	10	13	B98	0.15
15031	3038DE	113.	324.	410.	1100.	4	4000.	0.01300	8.00	0.00	0.	10	0	B98	0.00
15031	3039D	34.	125.	444.	1083.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.15
15031	3040D	61.	211.	505.	1138.	2	1750.	0.00170	0.00	0.00	0.	10	9	B98	0.20
15031	3041D	36.	132.	541.	1070.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.12
15031	3042E	44.	145.	44.	145.	2	650.	0.08000	0.00	0.00	0.	10	10	B98	0.15
15031	3043DE	44.	144.	585.	1093.	2	2000.	0.02000	0.00	0.00	0.	10	0	B98	0.00
15031	3044D	70.	204.	655.	1106.	4	2300.	0.02200	7.25	0.00	0.	20	11	B98	0.15
15031	3045D	87.	255.	742.	1125.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031	3046CD	742.	1125.	11230.	16240.	2	1770.	0.01600	0.00	0.00	0.	10	0	B98	0.00
15031	3047C	0.	0.	11230.	16201.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3048D	48.	156.	48.	156.	4	700.	0.04300	3.25	0.00	0.	20	9	B98	0.13
15031	3049D	53.	147.	101.	302.	4	2300.	0.02600	4.50	0.00	0.	20	12	B98	0.15
15031	3050D	54.	149.	155.	432.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.15
15031	3051E	34.	129.	34.	129.	4	900.	0.10000	2.50	0.00	0.	20	9	C99	0.09
15031	3052F	49.	168.	49.	168.	4	800.	0.06000	3.00	0.00	0.	10	12	C99	0.08
15031	3053EF	49.	168.	83.	297.	4	200.	0.05000	4.00	0.00	0.	10	0	B98	0.00
15031	3054E	76.	209.	159.	505.	4	2200.	0.02600	5.25	0.00	0.	20	12	B98	0.10
15031	3055E	57.	188.	216.	657.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.23

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	STG. Q	DAMS SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	STORM RAIN ZONE	DAY 4 PCT IMPV
15031	3056DE	216.	657.	371.	1088.	2	1120.	0.03900	0.00	0.00	0.	10	0	B98	0.00
15031	3057CD	371.	1073.	11601.	16462.	2	280.	0.00700	0.00	0.00	0.	10	0	B98	0.00
15031	3058C	84.	269.	11685.	16494.	2	1750.	0.01700	0.00	0.00	0.	20	10	B98	0.46
15031	3059C	79.	258.	11764.	16480.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.14
15031	3060D	0.	0.	0.	1073.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3061D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3062D	80.	221.	80.	221.	4	150.	0.02400	4.00	0.00	0.	20	12	B98	0.14
15031	3063D	59.	183.	139.	402.	5	1900.	0.02400	3.00	2.00	0.	20	10	B98	0.15
15031	3064D	56.	174.	195.	558.	2	1000.	0.01500	0.00	0.00	0.	20	10	B98	0.16
15031	3065D	0.	0.	195.	548.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3066E	68.	224.	68.	224.	2	1050.	0.02400	0.00	0.00	0.	10	10	B98	0.15
15031	3067DE	68.	215.	263.	759.	2	1000.	0.02100	0.00	0.00	0.	10	0	B98	0.00
15031	3068D	42.	137.	305.	839.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.14
15031	3069CD	305.	839.	12069.	16733.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	3070D	0.	0.	0.	839.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3071D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3072D	37.	102.	37.	102.	2	1600.	0.05000	0.00	0.00	0.	20	12	B98	0.11
15031	3073D	43.	134.	80.	219.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.20
15031	3074E	49.	144.	49.	144.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.11
15031	3075DE	49.	144.	129.	360.	5	2100.	0.02900	5.00	0.00	0.	10	0	B98	0.00
15031	3076D	72.	225.	201.	557.	2	1950.	0.04100	0.00	0.00	0.	20	10	B98	0.22
15031	3077D	41.	135.	242.	646.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.22
15031	3078CD	242.	646.	12311.	16929.	2	1250.	0.01300	0.00	0.00	0.	10	0	B98	0.00
15031	3079C	0.	0.	12311.	16899.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3080BC	12311.	16899.	20948.	23851.	1	1800.	0.00800	0.00	0.00	0.	10	0	B98	0.00
15031	3081C	43.	142.	43.	142.	3	1500.	0.07300	0.00	0.00	0.	10	10	B98	0.27
15031	3082C	81.	267.	124.	380.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.20
15031	3083BC	124.	380.	21072.	23800.	1	770.	0.00700	0.00	0.00	0.	10	0	B98	0.00
15031	3084B	63.	196.	21135.	23803.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.15
15031	3085C	42.	141.	42.	141.	1	2100.	0.00200	0.00	0.00	0.	10	10	B98	0.70

CALLEGUA. 990															
15031	3086C	49.	163.	91.	188.	1	2600.	0.05400	0.00	0.00	0.	10	10	B98	0.51
15031	3087C	33.	109.	124.	231.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.18
15031	3088BC	124.	231.	21259.	23892.	1	2050.	0.02900	0.00	0.00	0.	10	0	B98	0.00
15031	3089B	77.	253.	21336.	23889.	1	1870.	0.06000	0.00	0.00	0.	10	10	B98	0.18
15031	3090C	0.	0.	0.	231.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3091C	52.	179.	52.	179.	1	1220.	0.12000	0.00	0.00	0.	10	9	B98	0.08
15031	3092C	54.	186.	106.	348.	1	480.	0.10000	0.00	0.00	0.	10	9	B98	0.08
15031	3093BC	106.	347.	21442.	23908.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	3094B	80.	248.	21522.	23937.	1	740.	0.19000	0.00	0.00	0.	10	11	B98	0.10
15031	3095B	60.	197.	21582.	23946.	1	1050.	0.28000	0.00	0.00	0.	10	10	B98	0.09
15031	3096B	49.	161.	21631.	23957.	1	1360.	0.22000	0.00	0.00	0.	10	10	B98	0.08
15031	3097B	81.	251.	21712.	23983.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.11
15031	3098C	0.	0.	0.	347.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3099C	56.	160.	56.	160.	1	2800.	0.12000	0.00	0.00	0.	20	11	B98	0.00
15031	3100C	71.	184.	127.	304.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.04
15031	3101BC	127.	304.	21839.	24028.	1	1000.	0.00500	0.00	0.00	0.	10	0	B98	0.00
15031	3102B	48.	149.	21887.	24010.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.19
15031	3103C	0.	0.	0.	304.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3104C	76.	235.	76.	235.	1	3000.	0.12500	0.00	0.00	0.	20	11	B98	0.63
15031	3105C	58.	170.	134.	356.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.20

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	STG. AREA	DAMS SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	STORM RAIN ZONE	DAY 4 PCT IMPV
15031	3106BC	134.	356.	22021.	24072.	1	2600.	0.00600	0.00	0.00	0.	10	0	B98	0.00
15031	3107B	73.	214.	22094.	23920.	1	400.	0.00600	0.00	0.00	0.	10	12	B98	0.05
15031	3108B	39.	115.	22133.	23921.	1	200.	0.00600	0.00	0.00	0.	10	12	B98	0.20
15031	3109C	43.	148.	43.	148.	1	2100.	0.08300	0.00	0.00	0.	20	9	B98	0.70
15031	3110C	51.	160.	94.	271.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.39
15031	3111BC	94.	271.	22227.	23955.	1	2000.	0.00600	0.00	0.00	0.	10	0	B98	0.00
15031	3112B	75.	212.	22302.	23877.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.21
15031	3113B	48.	142.	22350.	23893.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.18
15031	3114C	0.	0.	0.	271.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3115C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3116C	64.	193.	64.	193.	1	650.	0.06000	0.00	0.00	0.	20	11	B98	0.44
15031	3117C	43.	144.	107.	328.	1	2000.	0.07830	0.00	0.00	0.	20	9	B98	0.38
15031	3118C	72.	237.	179.	481.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.24
15031	3119D	59.	204.	59.	204.	1	1700.	0.07000	0.00	0.00	0.	10	9	B98	0.09
15031	3120D	50.	172.	109.	333.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.04
15031	3121CD	109.	333.	288.	814.	1	500.	0.07800	0.00	0.00	0.	10	0	B98	0.00
15031	3122C	0.	0.	288.	801.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3123D	0.	0.	0.	333.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3124D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3125D	50.	147.	50.	147.	1	1200.	0.10000	0.00	0.00	0.	10	12	B98	0.01
15031	3126D	73.	214.	123.	348.	1	1200.	0.10000	0.00	0.00	0.	10	12	B98	0.03
15031	3127D	52.	170.	175.	494.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.01
15031	3128D	60.	168.	235.	655.	1	300.	0.03300	0.00	0.00	0.	10	13	B98	0.04
15031	3129CD	235.	653.	523.	1454.	1	800.	0.05000	0.00	0.00	0.	10	0	B98	0.00
15031	3130C	27.	106.	550.	1480.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.04
15031	3131D	0.	0.	0.	653.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3132D	42.	123.	42.	123.	1	1500.	0.11000	0.00	0.00	0.	10	12	B98	0.05
15031	3133D	24.	88.	66.	189.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00
15031	3134CD	66.	189.	616.	1657.	1	700.	0.05000	0.00	0.00	0.	10	0	B98	0.00
15031	3135C	16.	63.	632.	1663.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.05
15031	3136D	57.	156.	57.	156.	1	700.	0.14000	0.00	0.00	0.	20	12	B98	0.08
15031	3137D	59.	153.	116.	308.	1	600.	0.18000	0.00	0.00	0.	20	13	B98	0.05
15031	3138D	41.	107.	157.	412.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.05
15031	3139E	0.	0.	0.	144.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3140E	47.	135.	47.	135.	1	1700.	0.15000	0.00	0.00	0.	20	11	B98	0.05

CALLEGUA. 990															
15031	3141E	58.	140.	105.	264.	0	0.	0.0000	0.00	0.00	0.	20	15	B98	0.09
15031	3142DE	105.	264.	262.	674.	1	700.	0.07200	0.00	0.00	0.	10	0	B98	0.00
15031	3143D	63.	177.	325.	839.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.05
15031	3144CD	325.	839.	957.	2495.	1	1200.	0.02400	0.00	0.00	0.	10	0	B98	0.00
15031	3145C	51.	176.	1008.	2526.	1	1700.	0.01300	0.00	0.00	0.	10	9	B98	0.11
15031	3146C	55.	170.	1063.	2444.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.09
15031	3147BC	1063.	2444.	23413.	24424.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	3148C	0.	0.	0.	2444.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3149C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3150C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3151C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3152C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3153C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3154C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3155C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAI	DAY	4
	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SI	Z	Q	NAME		NE	PCT	IMPV
15031	3156C	93.	262.	93.	262.	4	720.	0.05000	3.75	0.00	0.	10	13	B98	0.15
15031	3157C	36.	125.	129.	384.	4	2750.	0.03600	4.50	0.00	0.	10	9	B98	0.18
15031	3158C	86.	204.	215.	562.	4	650.	0.02800	5.50	0.00	0.	50	12	B98	0.19
15031	3159C	45.	121.	260.	668.	0	0.	0.00000	0.00	0.00	0.	50	10	B98	0.23
15031	3160D	43.	133.	43.	133.	4	1200.	0.01700	3.50	0.00	0.	20	10	B98	0.15
15031	3161CD	43.	129.	303.	796.	4	1580.	0.02500	6.25	0.00	0.	10	0	B98	0.00
15031	3162C	49.	163.	352.	913.	4	950.	0.02700	6.50	0.00	0.	10	10	B98	0.42
15031	3163C	36.	125.	388.	991.	1	1700.	0.02400	0.00	0.00	0.	10	9	B98	0.37
15031	3164C	0.	0.	388.	945.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3165D	0.	0.	0.	129.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3166D	52.	162.	52.	162.	4	1100.	0.05000	3.25	0.00	0.	20	10	B98	0.23
15031	3167D	68.	184.	120.	344.	5	1680.	0.03900	30.00	2.00	0.	50	11	B98	0.41
15031	3168D	30.	118.	150.	420.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.15
15031	3169CD	150.	420.	538.	1227.	1	1000.	0.02500	0.00	0.00	0.	10	0	B98	0.00
15031	3170C	89.	263.	627.	1369.	1	400.	0.01100	0.00	0.00	0.	10	12	B98	0.15
15031	3171C	45.	156.	672.	1383.	1	2900.	0.01100	0.00	0.00	0.	10	9	B98	0.15
15031	3172C	36.	142.	708.	1243.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.15
15031	3173C	37.	136.	745.	1259.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.15
15031	3174D	0.	0.	0.	420.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3175D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3176D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3177D	36.	119.	36.	119.	4	500.	0.14000	2.25	0.00	0.	10	10	B98	0.32
15031	3178D	47.	162.	83.	280.	4	1130.	0.02600	4.25	0.00	0.	10	9	B98	0.05
15031	3179D	54.	187.	137.	455.	4	2500.	0.04000	4.75	0.00	0.	10	9	B98	0.14
15031	3180D	51.	158.	188.	590.	1	1400.	0.01900	0.00	0.00	0.	10	11	B98	0.15
15031	3181D	44.	124.	232.	637.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.15
15031	3182E	0.	0.	0.	264.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3183E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3184E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3185E	47.	138.	47.	138.	4	2800.	0.03000	3.25	0.00	0.	10	12	B98	0.12
15031	3186E	76.	250.	123.	359.	4	1400.	0.02500	4.75	0.00	0.	10	10	B98	0.15
15031	3187E	41.	134.	164.	477.	1	200.	0.02500	0.00	0.00	0.	10	10	B98	0.00
15031	3188E	26.	90.	190.	554.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.15
15031	3189DE	190.	554.	422.	1124.	1	1000.	0.01800	0.00	0.00	0.	10	0	B98	0.00
15031	3190D	83.	245.	505.	1254.	1	55.	0.00900	0.00	0.00	0.	10	12	B98	0.19
15031	3191CD	505.	1253.	1250.	2062.	5	1250.	0.01200	13.00	0.00	0.	10	0	B98	0.00
15031	3192C	50.	183.	1300.	2085.	5	2000.	0.01400	18.00	2.00	0.	10	8	B98	0.16
15031	3193C	25.	68.	1325.	2089.	0	0.	0.00000	0.00	0.00	0.	10	8	A97	0.05
15031	3194D	70.	207.	70.	207.	4	1650.	0.01200	4.50	0.00	0.	10	12	B98	0.23
15031	3195D	42.	155.	112.	340.	4	1700.	0.02400	4.75	0.00	0.	10	8	B98	0.29

CALLEGUA. 990															
15031	3196D	58.	191.	170.	501.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.15
15031	3197CD	170.	501.	1495.	2351.	5	1800.	0.01600	14.00	2.00	0.	10	0	B98	0.00
15031	3198C	0.	0.	1495.	2334.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3199C	82.	231.	1577.	2526.	5	1000.	0.03800	12.00	0.00	0.	10	13	B98	0.15
15031	3200C	0.	0.	1577.	2517.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3201D	32.	111.	32.	111.	4	2800.	0.01700	3.25	0.00	0.	10	9	B98	0.17
15031	3202D	78.	256.	110.	329.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.15
15031	3203CD	110.	329.	1687.	2781.	5	1200.	0.06900	11.00	0.00	0.	10	0	B98	0.00
15031	3204C	67.	208.	1754.	2898.	1	1900.	0.05000	0.00	0.00	0.	10	11	B98	0.16
15031	3205C	59.	183.	1813.	2955.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.16

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	STG. Q	DAMS SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	STORM RAIN ZONE	DAY 4 PCT IMPV
15031	3206D	0.	0.	0.	329.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3207D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3208D	61.	190.	61.	190.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.15
15031	3209D	41.	127.	102.	317.	1	950.	0.01500	0.00	0.00	0.	10	11	B98	0.15
15031	3210E	55.	171.	55.	171.	4	500.	0.01500	4.00	0.00	0.	10	11	B98	0.15
15031	3211DE	55.	170.	157.	448.	5	200.	0.01400	42.00	2.00	0.	10	0	B98	0.00
15031	3212D	68.	192.	225.	623.	5	1400.	0.01400	42.00	2.00	0.	10	13	B98	0.15
15031	3213D	67.	220.	292.	718.	5	1550.	0.01400	50.00	2.00	0.	10	10	B98	0.13
15031	3214D	66.	217.	358.	745.	5	400.	0.01400	55.00	2.00	0.	10	10	B98	0.15
15031	3215D	50.	155.	408.	827.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.15
15031	3216D	0.	0.	408.	827.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3217E	48.	168.	48.	168.	4	1600.	0.01200	4.00	0.00	0.	10	9	B98	0.45
15031	3218E	49.	162.	97.	309.	4	1100.	0.01200	5.25	0.00	0.	10	10	B98	0.23
15031	3219DE	97.	306.	505.	1114.	5	1650.	0.01200	8.00	1.50	0.	10	0	B98	0.00
15031	3220D	70.	217.	575.	1252.	5	300.	0.07000	8.00	1.50	0.	10	11	B98	0.15
15031	3221D	69.	194.	644.	1427.	1	1900.	0.03600	0.00	0.00	0.	10	13	B98	0.15
15031	3222D	0.	0.	644.	1390.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3223E	73.	240.	73.	240.	4	350.	0.05700	3.50	0.00	0.	10	10	B98	0.15
15031	3224E	0.	0.	73.	238.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3225F	41.	127.	41.	127.	4	250.	0.02000	3.50	0.00	0.	10	11	B98	0.14
15031	3226F	59.	174.	100.	301.	4	900.	0.07200	3.75	0.00	0.	10	12	B98	0.14
15031	3227F	59.	166.	159.	466.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.14
15031	3228EF	159.	466.	232.	704.	4	950.	0.03100	5.75	0.00	0.	10	0	B98	0.00
15031	3229E	40.	148.	272.	840.	1	2700.	0.03700	0.00	0.00	0.	10	8	B98	0.42
15031	3230E	58.	200.	330.	836.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.03
15031	3231DE	330.	836.	974.	2175.	1	300.	0.05400	0.00	0.00	0.	10	0	B98	0.00
15031	3232D	66.	205.	1040.	2287.	1	1100.	0.05400	0.00	0.00	0.	10	11	B98	0.14
15031	3233D	30.	118.	1070.	2288.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.12
15031	3234CD	1070.	2288.	2883.	5229.	1	1200.	0.03300	0.00	0.00	0.	10	0	B98	0.00
15031	3235C	63.	195.	2946.	5252.	1	500.	0.01000	0.00	0.00	0.	10	11	B98	0.07
15031	3236C	83.	207.	3029.	5354.	1	700.	0.01400	0.00	0.00	0.	20	14	B98	0.07
15031	3237C	72.	188.	3101.	5361.	1	250.	0.01600	0.00	0.00	0.	20	13	B98	0.07
15031	3238C	41.	127.	3142.	5376.	1	950.	0.01600	0.00	0.00	0.	10	11	B98	0.15
15031	3239C	33.	114.	3175.	5366.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.06
15031	3240D	0.	0.	0.	2288.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3241D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3242D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3243D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3244D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3245D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3246D	41.	162.	41.	162.	4	2050.	0.03400	3.25	0.00	0.	10	7	B98	0.19
15031	3247D	53.	209.	94.	344.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.12
15031	3248D	79.	290.	173.	628.	4	1120.	0.01800	6.25	0.00	0.	10	8	B98	0.15
15031	3249D	43.	158.	216.	770.	4	920.	0.07000	5.25	0.00	0.	10	8	B98	0.12
15031	3250D	35.	138.	251.	878.	4	1600.	0.01900	7.00	0.00	0.	10	7	B98	0.14

CALLEGUA. 990															
15031	3251D	66.	195.	317.	1044.	1	1050.	0.01200	0.00	0.00	0.	10	12	B98	0.16
15031	3252D	43.	159.	360.	1029.	4	730.	0.01600	7.50	0.00	0.	10	8	B98	0.33
15031	3253D	20.	79.	380.	1042.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.50
15031	3254E	0.	0.	0.	836.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3255E	84.	261.	84.	261.	4	1650.	0.01200	4.75	0.00	0.	10	11	B98	0.15

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	STORM	DAY		
	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	RAI	PCT	
													ZONE	IMPV	
15031	3256E	50.	165.	134.	403.	4	720.	0.01200	5.75	0.00	0.	10	10	B98	0.23
15031	3257DE	134.	401.	514.	1403.	1	1450.	0.01700	0.00	0.00	0.	10	0	B98	0.00
15031	3258D	66.	228.	580.	1400.	1	850.	0.01800	0.00	0.00	0.	10	9	B98	0.15
15031	3259D	54.	177.	634.	1416.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.13
15031	3260E	44.	152.	44.	152.	4	1900.	0.03900	3.25	0.00	0.	10	9	B98	0.13
15031	3261E	52.	152.	96.	294.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.15
15031	3262E	53.	173.	149.	460.	1	1000.	0.01300	0.00	0.00	0.	20	9	B98	0.14
15031	3263E	58.	160.	207.	566.	1	1200.	0.00800	0.00	0.00	0.	20	12	B98	0.14
15031	3264E	58.	180.	265.	542.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.14
15031	3265F	74.	208.	74.	208.	1	1200.	0.03300	0.00	0.00	0.	10	13	B98	0.14
15031	3266EF	74.	198.	339.	738.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031	3267E	42.	154.	381.	772.	1	800.	0.01900	0.00	0.00	0.	10	8	B98	0.11
15031	3268DE	381.	756.	1015.	2167.	1	1400.	0.01100	0.00	0.00	0.	10	0	B98	0.00
15031	3269D	58.	200.	1073.	2153.	5	1200.	0.01700	13.00	0.00	0.	10	9	B98	0.09
15031	3270D	71.	233.	1144.	2180.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.11
15031	3271E	47.	162.	47.	162.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.11
15031	3272E	35.	128.	82.	290.	4	1300.	0.03100	4.25	0.00	0.	10	8	B98	0.11
15031	3273DE	82.	286.	1226.	2221.	5	1550.	0.01400	13.00	0.00	0.	10	0	B98	0.00
15031	3274D	58.	191.	1284.	2244.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.23
15031	3275D	55.	171.	1339.	2270.	5	750.	0.02600	12.00	0.00	0.	10	11	B98	0.14
15031	3276D	61.	200.	1400.	2296.	1	1700.	0.02800	0.00	0.00	0.	10	10	B98	0.13
15031	3277D	44.	152.	1444.	2294.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.12
15031	3278D	78.	229.	1522.	2411.	1	1800.	0.02800	0.00	0.00	0.	10	12	B98	0.08
15031	3279D	76.	213.	1598.	2493.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.06
15031	3280CD	1598.	2493.	4773.	7665.	1	600.	0.05000	0.00	0.00	0.	10	0	B98	0.00
15031	3281D	0.	0.	0.	2493.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3282D	63.	206.	63.	206.	1	1100.	0.05000	0.00	0.00	0.	10	10	B98	0.05
15031	3283D	44.	136.	107.	320.	1	1200.	0.03300	0.00	0.00	0.	10	11	B98	0.05
15031	3284CD	107.	305.	4880.	7848.	1	600.	0.02500	0.00	0.00	0.	10	0	B98	0.00
15031	3285C	43.	157.	4923.	7855.	1	2000.	0.04000	0.00	0.00	0.	10	8	B98	0.05
15031	3286C	69.	238.	4992.	7856.	1	1250.	0.01600	0.00	0.00	0.	10	9	B98	0.04
15031	3287C	49.	168.	5041.	7842.	1	500.	0.01600	0.00	0.00	0.	20	8	B98	0.03
15031	3288C	51.	147.	5092.	7844.	1	1050.	0.00900	0.00	0.00	0.	20	11	B98	0.05
15031	3289C	63.	182.	5155.	7830.	1	900.	0.00600	0.00	0.00	0.	20	11	B98	0.05
15031	3290C	43.	148.	5198.	7798.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.05
15031	3291C	53.	162.	5251.	7810.	1	2500.	0.00600	0.00	0.00	0.	20	10	B98	0.02
15031	3292C	61.	211.	5312.	7574.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.09
15031	3293BC	5312.	7574.	28725.	31877.	1	1100.	0.00600	0.00	0.00	0.	10	0	B98	0.00
15031	3294B	73.	226.	28798.	31869.	1	1100.	0.00600	0.00	0.00	0.	10	11	B98	0.05
15031	3295B	64.	210.	28862.	31855.	1	500.	0.00600	0.00	0.00	0.	10	10	B98	0.05
15031	3296B	47.	154.	28909.	31850.	1	650.	0.00600	0.00	0.00	0.	10	10	B98	0.05
15031	3297B	51.	167.	28960.	31848.	1	1100.	0.00600	0.00	0.00	0.	10	10	B98	0.05
15031	3298B	46.	168.	29006.	31824.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.05
15031	3299B	27.	106.	29033.	31832.	1	1240.	0.00600	0.00	0.00	0.	10	7	B98	0.05
15031	3300B	0.	0.	29033.	31793.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3301B	80.	190.	29113.	31806.	0	0.	0.00000	0.00	0.00	0.	10	11	A97	0.00
15031	3302B	55.	137.	29168.	31816.	1	900.	0.00600	0.00	0.00	0.	10	10	A97	0.05
15031	3303C	0.	0.	0.	7574.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3304C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3305C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

CALLEGUA. 990

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS	CRK. W/EXI	STG. DAMS & INC	CONEJO, Q100P, DBT/DL/OR, 11/2002	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	STORM RAI N	DAY 4 PCT
15031	3306C	51.	125.	51.	125.	1	1000.	0.11000	0.00	0.00	0.	20	9	A97	0.23
15031	3307C	101.	223.	152.	333.	1	1500.	0.11000	0.00	0.00	0.	20	11	A97	0.10
15031	3308C	75.	180.	227.	489.	1	950.	0.01900	0.00	0.00	0.	20	9	A97	0.11
15031	3309C	55.	135.	282.	563.	1	1800.	0.05000	0.00	0.00	0.	20	9	A97	0.25
15031	3310C	54.	147.	336.	564.	1	200.	0.01000	0.00	0.00	0.	10	8	A97	0.17
15031	3311D	0.	0.	0.	305.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3312D	87.	211.	87.	211.	1	600.	0.01000	0.00	0.00	0.	20	9	A97	0.16
15031	3313D	103.	230.	190.	397.	1	750.	0.01000	0.00	0.00	0.	20	11	A97	0.18
15031	3314D	86.	216.	276.	566.	1	100.	0.01000	0.00	0.00	0.	10	10	A97	0.20
15031	3315E	0.	0.	0.	286.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3316E	47.	123.	47.	123.	0	0.	0.00000	0.00	0.00	0.	10	9	A97	0.23
15031	3317E	82.	189.	129.	311.	0	0.	0.00000	0.00	0.00	0.	10	12	A97	0.14
15031	3318DE	129.	311.	405.	816.	1	1300.	0.02900	0.00	0.00	0.	10	0	A97	0.00
15031	3319D	28.	76.	433.	820.	0	0.	0.00000	0.00	0.00	0.	10	8	A97	0.21
15031	3320CD	433.	820.	769.	1363.	5	1500.	0.05000	9.00	0.00	0.	10	0	A97	0.00
15031	3321C	0.	0.	769.	1358.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3322D	70.	156.	70.	156.	4	1150.	0.05000	3.00	0.00	0.	20	11	A97	0.15
15031	3323CD	70.	154.	839.	1481.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00
15031	3324C	76.	191.	915.	1637.	1	650.	0.04600	0.00	0.00	0.	10	10	A97	0.16
15031	3325C	0.	0.	915.	1625.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3326D	0.	0.	0.	154.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3327D	62.	160.	62.	160.	1	1000.	0.10000	0.00	0.00	0.	10	9	A97	0.06
15031	3328D	60.	137.	122.	287.	4	1200.	0.03800	4.00	0.00	0.	10	12	A97	0.04
15031	3329D	36.	97.	158.	379.	0	0.	0.00000	0.00	0.00	0.	10	8	A97	0.10
15031	3330CD	158.	379.	1073.	1923.	1	700.	0.05000	0.00	0.00	0.	10	0	A97	0.00
15031	3331C	57.	142.	1130.	2022.	1	850.	0.03800	0.00	0.00	0.	10	10	A97	0.09
15031	3332C	66.	171.	1196.	2065.	1	500.	0.03000	0.00	0.00	0.	10	9	A97	0.09
15031	3333C	0.	0.	1196.	2062.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3334C	0.	0.	1196.	2062.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3335C	0.	0.	1196.	2062.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3336D	74.	127.	74.	127.	1	2650.	0.06110	0.00	0.00	0.	20	18	A97	0.10
15031	3337D	104.	190.	178.	283.	0	0.	0.00000	0.00	0.00	0.	10	19	A97	0.05
15031	3338E	52.	125.	52.	125.	1	1800.	0.04830	0.00	0.00	0.	10	11	A97	0.15
15031	3339E	107.	200.	159.	296.	0	0.	0.00000	0.00	0.00	0.	10	18	A97	0.05
15031	3340DE	159.	296.	337.	576.	2	1400.	0.02430	0.00	0.00	0.	10	0	A97	0.00
15031	3341D	95.	217.	432.	755.	0	0.	0.00000	0.00	0.00	0.	10	12	A97	0.05
15031	3342E	112.	172.	112.	172.	2	750.	0.01000	0.00	0.00	0.	20	22	A97	0.07
15031	3343E	0.	0.	112.	170.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

 * CONFLUENCE Q'S *
 * 15031 3344D TD 1162 QD 755. QDE 924. QE 168. 15031 3344E TE 1160 QE 170. QED 901. QD 731. *
 * 15031 3344DE TDE 1162 QDE 924. QD 755. QE 168. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N	DAY 4 PCT	
15031	3344DE	112.	170.	544.	924.	5	856.	0.00800	11.00	0.00	0.	10	0	A97	0.00
15031	3345D	22.	57.	566.	927.	5	1200.	0.00800	9.00	1.50	0.	10	9	A97	0.05
15031	3346D	0.	0.	566.	920.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3347CD	566.	920.	1762.	2965.	5	800.	0.00800	5.00	2.00	0.	10	0	A97	0.00
15031	3348C	57.	126.	1819.	3047.	5	1600.	0.00800	5.00	2.00	0.	10	13	A97	0.07

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS	CRK. W/EXI	STG. DAMS & INC	CONEJO, Q100P, DBT/DL/OR, 11/2002	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	STORM RAI N	DAY 4 PCT
-----------	------------	-----------------	-----------------------------------	------------	---------	-----------	------------	------------	------------	--------	-----------	-----------	----	-------------	-----------

CALLEGUA. 990														
LOCATION	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 3349C	59.	122.	1878.	3060.	0	0.	0.00000	0.00	0.00	0.	10	15	A97	0.05
15031 3350C	68.	109.	1946.	3150.	0	0.	0.00000	0.00	0.00	0.	20	20	A97	0.05
15031 3351C	50.	91.	1996.	3223.	5	1800.	0.04300	10.00	0.00	0.	10	19	A97	0.05
15031 3352C	39.	93.	2035.	3207.	5	1150.	0.04300	10.00	0.00	0.	10	11	A97	0.10
15031 3353C	39.	93.	2074.	3210.	5	500.	0.04300	10.00	0.00	0.	10	11	A97	0.10
15031 3354C	0.	0.	2074.	3205.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3355C	0.	0.	2074.	3205.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3356C	0.	0.	2074.	3205.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3357C	0.	0.	2074.	3205.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3358C	0.	0.	2074.	3205.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3359C	0.	0.	2074.	3205.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3360D	62.	132.	62.	132.	1	300.	0.05000	0.00	0.00	0.	10	14	A97	0.00
15031 3361D	81.	162.	143.	292.	1	3100.	0.05810	0.00	0.00	0.	10	16	A97	0.05
15031 3362D	80.	165.	223.	394.	1	450.	0.04440	0.00	0.00	0.	10	15	A97	0.02
15031 3363D	72.	135.	295.	504.	1	1150.	0.01740	0.00	0.00	0.	10	18	A97	0.05
15031 3364D	45.	85.	340.	554.	1	950.	0.03330	0.00	0.00	0.	20	15	A97	0.05
15031 3365D	52.	94.	392.	610.	0	0.	0.00000	0.00	0.00	0.	20	16	A97	0.05
15031 3366E	92.	211.	92.	211.	1	650.	0.03000	0.00	0.00	0.	10	12	A97	0.10
15031 3367E	71.	147.	163.	346.	2	1300.	0.00630	0.00	0.00	0.	10	15	A97	0.02
15031 3368E	81.	173.	244.	464.	0	0.	0.00000	0.00	0.00	0.	10	14	A97	0.05
15031 3369E	46.	105.	290.	551.	2	1700.	0.00630	0.00	0.00	0.	10	12	A97	0.00
15031 3370E	80.	161.	370.	619.	2	900.	0.00800	0.00	0.00	0.	20	13	A97	0.05
15031 3371F	35.	83.	35.	83.	1	450.	0.04440	0.00	0.00	0.	10	11	A97	0.02
15031 3372F	45.	107.	80.	185.	0	0.	0.00000	0.00	0.00	0.	10	11	A97	0.07
15031 3373F	42.	96.	122.	281.	1	1600.	0.04440	0.00	0.00	0.	10	12	A97	0.07
15031 3374F	60.	92.	182.	348.	0	0.	0.00000	0.00	0.00	0.	20	22	A97	0.05

* CONFLUENCE Q' S *
* 15031 3375E TE 1166 QE 604. QEF 911. QF 307. 15031 3375F TF 1161 QF 348. QFE 870. QE 522. *
* 15031 3375EF TEF 1165 QEF 926. QE 601. QF 325. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	N	PCT
AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
15031 3375EF	182.	348.	552.	926.	2	10.	0.00800	0.00	0.00	0.	20	0	A97	0.00

* CONFLUENCE Q' S *
* 15031 3376D TD 1166 QD 610. QDE 1522. QE 912. 15031 3376E TE 1165 QE 926. QED 1523. QD 597. *
* 15031 3376DE TDE 1165 QDE 1523. QD 597. QE 926. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	N	PCT
AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
15031 3376DE	552.	926.	944.	1523.	2	1250.	0.00800	0.00	0.00	0.	20	0	A97	0.00
15031 3377D	40.	92.	984.	1520.	2	900.	0.00800	0.00	0.00	0.	20	10	A97	0.05
15031 3378D	38.	95.	1022.	1527.	2	750.	0.01740	0.00	0.00	0.	10	10	A97	0.07
15031 3379D	56.	109.	1078.	1543.	2	675.	0.00800	0.00	0.00	0.	20	14	A97	0.05
15031 3380D	41.	82.	1119.	1560.	0	0.	0.00000	0.00	0.00	0.	10	16	A97	0.10
15031 3381E	77.	176.	77.	176.	1	2050.	0.03900	0.00	0.00	0.	10	12	A97	0.06
15031 3382E	53.	100.	130.	243.	0	0.	0.00000	0.00	0.00	0.	10	18	A97	0.10

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

* CONFLUENCE Q' S *
* 15031 3383D TD 1172 QD 1560. QDE 1683. QE 123. 15031 3383E TE 1162 QE 243. QED 1527. QD 1284. *
* 15031 3383DE TDE 1167 QDE 1726. QD 1500. QE 226. *

SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	N	PCT
---------	---------	-------	-------	------	------	------	------	------	------	---------	------	-----	---	-----

CALLEGUA. 990														
LOCATION	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 3383DE	130.	243.	1249.	1726.	5	500.	0.00800	18.00	0.00	0.	10	0	A97	0.00
15031 3384E	45.	99.	45.	99.	0	0.	0.00000	0.00	0.00	0.	10	13	A97	0.10
15031 3385E	33.	76.	78.	175.	1	2050.	0.03900	0.00	0.00	0.	10	12	A97	0.10
15031 3386E	70.	136.	148.	273.	0	0.	0.00000	0.00	0.00	0.	10	17	A97	0.10

 * CONFLUENCE Q'S *
 * 15031 3387D TD 1168 QD 1720. QDE 1959. QE 238. 15031 3387E TE 1161 QE 273. QED 1682. QD 1408. *
 * 15031 3387DE TDE 1167 QDE 1963. QD 1708. QE 255. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3387DE	148.	273.	1397.	1963.	5	274.	0.00700	14.00	0.00	0.	20	0	A97	0.00
15031 3388D	0.	0.	1397.	1959.	5	1918.	0.00260	11.00	2.00	0.	20	99	A97	0.00
15031 3389D	42.	81.	1439.	1887.	0	0.	0.00000	0.00	0.00	0.	20	14	A97	0.00
15031 3390D	52.	102.	1491.	1905.	0	0.	0.00000	0.00	0.00	0.	20	14	A97	0.10
15031 3391E	11.	28.	11.	28.	4	1634.	0.01500	2.00	0.00	0.	10	10	A97	0.10
15031 3392E	67.	139.	78.	158.	4	871.	0.01900	3.75	0.00	0.	10	15	A97	0.05
15031 3393E	0.	0.	78.	158.	5	1500.	0.04300	11.00	0.00	0.	10	99	A97	0.00
15031 3394DE	78.	135.	1569.	2029.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00

 * CONFLUENCE Q'S *
 * 15031 3395C TC 1170 QC 3205. QCD 5188. QD 1983. 15031 3395D TD 1172 QD 2029. QDC 5173. QC 3144. *
 * 15031 3395CD TCD 1171 QCD 5204. QC 3188. QD 2016. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3395CD	1569.	2029.	3643.	5204.	5	50.	0.04300	11.00	0.00	0.	10	0	A97	0.00
15031 3396E	49.	74.	49.	74.	4	300.	0.00800	3.25	0.00	0.	20	23	A97	0.10
15031 3397E	27.	41.	76.	115.	5	900.	0.00560	11.00	0.00	0.	20	23	A97	0.10

 * CONFLUENCE Q'S *
 * 15031 3398C TC 1171 QC 5204. QCE 5304. QE 100. 15031 3398E TE 1162 QE 112. QEC 4062. QC 3950. *
 * 15031 3398CE TCE 1171 QCE 5304. QC 5204. QE 100. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3398CE	76.	112.	3719.	5304.	5	1800.	0.00400	11.00	2.00	0.	10	0	A97	0.00
15031 3399C	96.	155.	3815.	5326.	5	700.	0.00400	11.00	2.00	0.	10	24	A97	0.00
15031 3400D	33.	86.	33.	86.	1	900.	0.02200	0.00	0.00	0.	10	9	A97	0.24
15031 3401D	54.	106.	87.	172.	0	0.	0.00000	0.00	0.00	0.	20	14	A97	0.10
15031 3402D	66.	136.	153.	300.	1	500.	0.04000	0.00	0.00	0.	20	13	A97	0.20
15031 3403D	0.	0.	153.	299.	1	1300.	0.01150	0.00	0.00	0.	10	99	A97	0.00
15031 3404CD	153.	275.	3968.	5477.	5	1000.	0.00450	10.00	2.00	0.	20	0	A97	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3405C	22.	42.	3990.	5455.	5	1150.	0.00450	10.00	2.00	0.	20	14	A97	0.00
15031 3406C	36.	67.	4026.	5435.	5	500.	0.00450	10.00	2.00	0.	10	18	A97	0.00
15031 3407D	63.	107.	63.	107.	0	0.	0.00000	0.00	0.00	0.	20	18	A97	0.05
15031 3408D	53.	100.	116.	207.	0	0.	0.00000	0.00	0.00	0.	20	15	A97	0.05
15031 3409CD	116.	207.	4142.	5450.	5	800.	0.00450	10.00	2.00	0.	20	0	A97	0.00
15031 3410C	0.	0.	4142.	5431.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3411C	0.	0.	4142.	5431.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3412D	68.	150.	68.	150.	1	500.	0.02500	0.00	0.00	0.	10	13	A97	0.07
15031 3413E	24.	62.	24.	62.	1	300.	0.06670	0.00	0.00	0.	10	9	A97	0.07
15031 3414DE	24.	62.	92.	205.	1	700.	0.02500	0.00	0.00	0.	10	0	A97	0.00
15031 3415D	64.	140.	156.	319.	1	200.	0.00100	0.00	0.00	0.	10	13	A97	0.00

CALLEGUA. 990															
15031	3416E	27.	70.	27.	70.	1	700.	0.01430	0.00	0.00	0.	10	9	A97	0.05
15031	3417DE	27.	62.	183.	373.	1	900.	0.00100	0.00	0.00	0.	10	0	A97	0.00
15031	3418D	29.	75.	212.	292.	1	500.	0.02000	0.00	0.00	0.	10	9	A97	0.05
15031	3419D	70.	139.	282.	313.	1	1000.	0.00770	0.00	0.00	0.	10	16	A97	0.00
15031	3420D	0.	0.	282.	301.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3421D	0.	0.	282.	301.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3422E	37.	88.	37.	88.	1	450.	0.01670	0.00	0.00	0.	10	11	A97	0.05
15031	3423DE	37.	83.	319.	355.	4	300.	0.00770	5.75	0.00	0.	10	0	A97	0.00
15031	3424D	55.	121.	374.	451.	0	0.	0.00000	0.00	0.00	0.	10	13	A97	0.00
15031	3425D	0.	0.	374.	451.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3426D	0.	0.	374.	451.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3427D	0.	0.	374.	451.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

*
* CONFLUENCE Q' S *
* 15031 3428C TC 1182 QC 5431. QCD 5747. QD 316. 15031 3428D TD 1163 QD 451. QDC 3274. QC 2823. *
* 15031 3428CD TCD 1182 QCD 5747. QC 5431. QD 316. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	3428CD	374.	451.	4516.	5747.	1	2500.	0.01600	0.00	0.00	0.	10	0	A97	0.00
15031	3429C	90.	225.	4606.	5675.	1	1200.	0.01667	0.00	0.00	0.	10	10	A97	0.10
15031	3430C	42.	82.	4648.	5659.	1	2650.	0.03019	0.00	0.00	0.	20	14	A97	0.05
15031	3431C	43.	111.	4691.	5617.	0	0.	0.00000	0.00	0.00	0.	10	9	A97	0.00
15031	3432C	47.	118.	4738.	5624.	1	150.	0.10000	0.00	0.00	0.	10	10	A97	0.14
15031	3433C	0.	0.	4738.	5624.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3434D	89.	157.	89.	157.	0	0.	0.00000	0.00	0.00	0.	10	20	A97	0.00
15031	3435D	39.	105.	128.	261.	1	1400.	0.04643	0.00	0.00	0.	10	8	A97	0.00
15031	3436D	21.	57.	149.	297.	0	0.	0.00000	0.00	0.00	0.	10	8	A97	0.05
15031	3437CD	149.	297.	4887.	5657.	1	1500.	0.04333	0.00	0.00	0.	10	0	A97	0.00
15031	3438C	56.	140.	4943.	5651.	1	3300.	0.01667	0.00	0.00	0.	10	10	A97	0.05
15031	3439C	96.	219.	5039.	5555.	0	0.	0.00000	0.00	0.00	0.	10	12	A97	0.02
15031	3440C	0.	0.	5039.	5555.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3441D	56.	144.	56.	144.	1	2200.	0.08864	0.00	0.00	0.	10	9	A97	0.02
15031	3442D	0.	0.	56.	129.	5	1000.	0.04000	1.00	2.00	0.	10	99	A97	0.00
15031	3443D	65.	150.	121.	254.	5	200.	0.07500	5.00	0.00	0.	20	10	A97	0.07
15031	3444CD	121.	253.	5160.	5571.	1	800.	0.01250	0.00	0.00	0.	10	0	A97	0.00
15031	3445C	48.	120.	5208.	5573.	5	600.	0.01167	19.00	0.00	0.	10	10	A97	0.14
15031	3446C	0.	0.	5208.	5568.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3447D	82.	204.	82.	204.	5	1200.	0.06875	3.00	2.00	0.	10	10	A97	0.02

*
* VENTURA COUNTY FLOOD CONTROL DISTRICT *
* MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952 *
* CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002 *
* LOCATION SUBAREA AREA SUBAREA Q TOTAL AREA TOTAL Q CONV TYPE CONV LNGTH CONV SLOPE CONV SIZE CONV Z CONTROL Q SOIL NAME TC RAIN ZONE PCT IMPV *
* 15031 3448D 39. 89. 121. 289. 5 1200. 0.06875 5.00 0.00 0. 30 9 A97 0.13 *

*
* CONFLUENCE Q' S *
* 15031 3449C TC 1202 QC 5568. QCD 5583. QD 15. 15031 3449D TD 1156 QD 287. QDC 2366. QC 2079. *
* 15031 3449CD TCD 1202 QCD 5583. QC 5568. QD 15. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV	
15031	3449CD	121.	287.	5329.	5583.	5	400.	0.01250	19.00	0.00	0.	10	0	A97	0.00
15031	3450D	57.	147.	57.	147.	5	3050.	0.05250	4.00	0.00	0.	10	9	A97	0.03
15031	3451D	40.	87.	97.	215.	0	0.	0.00000	0.00	0.00	0.	30	10	A97	0.11

*
* CONFLUENCE Q' S *
* 15031 3452C TC 1202 QC 5583. QCD 5594. QD 11. 15031 3452D TD 1157 QD 215. QDC 2616. QC 2400. *
* 15031 3452CD TCD 1202 QCD 5594. QC 5583. QD 11. *

CALLEGUA. 990													
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE IMPV
15031 3452CD	97.	215.	5426.	5594.	5	2850.	0.00114	20.00	2.00	0.	20	0	A97 0.00
15031 3453C	41.	90.	5467.	5314.	0	0.	0.00000	0.00	0.00	0.	20	11	A97 0.04
15031 3454C	43.	79.	5510.	5317.	5	900.	0.00116	20.00	2.00	0.	50	11	A97 0.14
15031 3455D	44.	110.	44.	110.	0	0.	0.00000	0.00	0.00	0.	10	10	A97 0.03
15031 3456D	53.	117.	97.	226.	4	1750.	0.03429	3.75	0.00	0.	30	10	A97 0.14
15031 3457D	48.	87.	145.	303.	4	400.	0.02000	4.75	0.00	0.	30	15	A97 0.13

 * CONFLUENCE Q' S *
 * 15031 3458C TC 1215 QC 5289. QCD 5307. QD 17. 15031 3458D TD 1157 QD 302. QDC 1866. QC 1564. *
 * 15031 3458CD TCD 1215 QCD 5307. QC 5289. QD 17. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE IMPV
15031 3458CD	145.	302.	5655.	5307.	5	2050.	0.00111	20.00	2.00	0.	50	0	A97 0.00
15031 3459C	72.	122.	5727.	5276.	6	100.	0.00117	20.00	2.00	0.	50	13	A97 0.15
15031 3460D	48.	114.	48.	114.	4	200.	0.06500	2.75	0.00	0.	10	11	A97 0.04
15031 3461D	39.	89.	87.	203.	4	500.	0.06567	3.25	0.00	0.	10	12	A97 0.05
15031 3462D	26.	59.	113.	260.	0	0.	0.00000	0.00	0.00	0.	30	9	A97 0.10
15031 3463E	42.	96.	42.	96.	4	850.	0.02000	3.00	0.00	0.	10	12	A97 0.10
15031 3464DE	42.	95.	155.	353.	4	2300.	0.04043	4.25	0.00	0.	10	0	A97 0.00
15031 3465D	63.	111.	218.	448.	5	1200.	0.01917	7.00	0.00	0.	50	13	A97 0.25

 * CONFLUENCE Q' S *
 * 15031 3466C TC 1219 QC 5273. QCD 5310. QD 37. 15031 3466D TD 1159 QD 444. QDC 2200. QC 1756. *
 * 15031 3466CD TCD 1219 QCD 5310. QC 5273. QD 37. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE IMPV
15031 3466CD	218.	444.	5945.	5310.	0	0.	0.00000	0.00	0.00	0.	10	0	A97 0.00
15031 3467E	69.	165.	69.	165.	1	1650.	0.03637	0.00	0.00	0.	10	11	A97 0.11
15031 3468E	90.	214.	159.	331.	1	1800.	0.03611	0.00	0.00	0.	10	11	A97 0.05
15031 3469E	27.	59.	186.	343.	0	0.	0.00000	0.00	0.00	0.	20	11	A97 0.05

VENTURA COUNTY FLOOD CONTROL DISTRICT													
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952													
CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002													
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE IMPV
15031 3470D	45.	107.	45.	107.	1	1200.	0.06250	0.00	0.00	0.	10	11	A97 0.00
15031 3471D	62.	154.	107.	236.	1	1600.	0.03125	0.00	0.00	0.	10	10	A97 0.00
15031 3472D	51.	116.	158.	304.	0	0.	0.00000	0.00	0.00	0.	20	10	A97 0.00

 * CONFLUENCE Q' S *
 * 15031 3473D TD 1160 QD 304. QDE 632. QE 328. 15031 3473E TE 1162 QE 343. QED 608. QD 265. *
 * 15031 3473DE TDE 1161 QDE 640. QD 299. QE 340. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE IMPV
15031 3473DE	186.	343.	344.	640.	0	0.	0.00000	0.00	0.00	0.	10	0	A97 0.00
15031 3474D	0.	0.	344.	640.	0	0.	0.00000	0.00	0.00	0.	10	99	A97 0.00
15031 3475D	22.	55.	366.	656.	5	1300.	0.02692	3.00	2.00	0.	20	8	A97 0.00
15031 3476D	0.	0.	366.	650.	0	0.	0.00000	0.00	0.00	0.	10	99	A97 0.00
15031 3477D	25.	62.	391.	666.	0	0.	0.00000	0.00	0.00	0.	20	8	A97 0.02
15031 3478E	40.	103.	40.	103.	1	1800.	0.03610	0.00	0.00	0.	10	9	A97 0.02
15031 3479E	78.	179.	118.	236.	0	0.	0.00000	0.00	0.00	0.	20	10	A97 0.05

 * CONFLUENCE Q' S *
 * 15031 3480D TD 1162 QD 666. QDE 825. QE 159. 15031 3480E TE 1160 QE 236. QED 884. QD 647. *
 * 15031 3480DE TDE 1160 QDE 884. QD 647. QE 236. *

CALLEGUA. 990

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3480DE	118.	236.	509.	884.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00
15031 3481D	29.	70.	538.	941.	5	1880.	0.02059	3.00	2.00	0.	20	9	A97	0.15
15031 3482D	0.	0.	538.	908.	0	0.	0.00000	0.00	0.00	0.	20	99	A97	0.00
15031 3483D	35.	95.	573.	934.	6	2100.	0.00322	4.00	2.00	0.	10	8	A97	0.05
15031 3484D	44.	86.	617.	885.	0	0.	0.00000	0.00	0.00	0.	20	14	A97	0.10
15031 3485D	62.	128.	679.	945.	0	0.	0.00000	0.00	0.00	0.	20	13	A97	0.20
15031 3486E	56.	130.	56.	130.	1	1200.	0.05280	0.00	0.00	0.	20	10	A97	0.10
15031 3487E	38.	85.	94.	192.	0	0.	0.00000	0.00	0.00	0.	20	11	A97	0.15
15031 3488F	68.	163.	68.	163.	5	1220.	0.03370	24.00	9.00	0.	20	9	A97	0.10
15031 3489EF	68.	149.	162.	339.	5	1420.	0.02320	1.00	3.00	0.	20	0	A97	0.00
15031 3490E	21.	43.	183.	364.	0	0.	0.00000	0.00	0.00	0.	30	11	A97	0.05
15031 3491F	40.	79.	40.	79.	1	1400.	0.03000	0.00	0.00	0.	20	14	A97	0.10
15031 3492EF	40.	69.	223.	432.	4	250.	0.05400	4.50	0.00	0.	20	0	A97	0.00
15031 3493E	0.	0.	223.	431.	0	0.	0.00000	0.00	0.00	0.	20	99	A97	0.00

 * CONFLUENCE Q' S *
 * 15031 3494D TD 1164 QD 945. QDE 1352. QE 408. 15031 3494E TE 1162 QE 431. QED 1314. QD 883. *
 * 15031 3494DE TDE 1164 QDE 1352. QD 945. QE 408. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3494DE	223.	431.	902.	1352.	6	1350.	0.00314	5.00	2.00	0.	20	0	A97	0.00
15031 3495D	26.	63.	928.	1305.	0	0.	0.00000	0.00	0.00	0.	20	9	A97	0.15
15031 3496D	32.	72.	960.	1321.	0	0.	0.00000	0.00	0.00	0.	20	11	A97	0.20
15031 3497D	0.	0.	960.	1321.	1	1150.	0.03043	0.00	0.00	0.	20	99	A97	0.00
15031 3498D	16.	41.	976.	1313.	0	0.	0.00000	0.00	0.00	0.	20	8	A97	0.15

VENTURA COUNTY FLOOD CONTROL DISTRICT

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3499E	39.	77.	39.	77.	1	1300.	0.00300	0.00	0.00	0.	20	14	A97	0.15
15031 3500E	31.	84.	70.	101.	0	0.	0.00000	0.00	0.00	0.	10	8	A97	0.05
15031 3501F	63.	151.	63.	151.	1	800.	0.04400	0.00	0.00	0.	10	11	A97	0.10
15031 3502EF	63.	144.	133.	244.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00
15031 3503DE	133.	244.	1109.	1413.	5	1700.	0.02150	10.00	0.00	0.	10	0	A97	0.00
15031 3504D	22.	53.	1131.	1418.	0	0.	0.00000	0.00	0.00	0.	10	11	A97	0.20
15031 3505E	77.	176.	77.	176.	0	0.	0.00000	0.00	0.00	0.	10	12	A97	0.08
15031 3506DE	77.	176.	1208.	1455.	5	750.	0.02150	10.00	0.00	0.	10	0	A97	0.00
15031 3507D	87.	187.	1295.	1507.	0	0.	0.00000	0.00	0.00	0.	10	14	A97	0.15
15031 3508E	7.	15.	7.	15.	0	0.	0.00000	0.00	0.00	0.	10	13	A97	0.05
15031 3509DE	7.	15.	1302.	1520.	5	1150.	0.02150	10.00	0.00	0.	10	0	A97	0.00
15031 3510E	50.	120.	50.	120.	0	0.	0.00000	0.00	0.00	0.	10	11	A97	0.20
15031 3511D	27.	67.	1329.	1534.	0	0.	0.00000	0.00	0.00	0.	10	10	A97	0.00
15031 3512D	0.	0.	1329.	1534.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

 * CONFLUENCE Q' S *
 * 15031 3513D TD 1161 QD 1534. QDE 1639. QE 105. 15031 3513E TE 1154 QE 120. QED 1315. QD 1194. *
 * 15031 3513DE TDE 1161 QDE 1639. QD 1534. QE 105. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3513DE	50.	120.	1379.	1639.	6	2400.	0.00369	5.00	2.00	0.	10	0	A97	0.00
15031 3514D	0.	0.	1379.	1544.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3515D	60.	149.	1439.	1572.	0	0.	0.00000	0.00	0.00	0.	10	10	A97	0.00
15031 3516E	33.	75.	33.	75.	6	1400.	0.01429	1.00	2.00	0.	10	12	A97	0.00
15031 3517E	87.	198.	120.	248.	6	1500.	0.01280	2.00	2.00	0.	10	12	A97	0.00

CALLEGUA. 990

15031 3518E	107.	300.	227.	510.	6	300.	0.01365	3.00	2.00	0.	10	13	B98	0.02
-------------	------	------	------	------	---	------	---------	------	------	----	----	----	-----	------

CONFLUENCE Q' S

* 15031 3519D	TD 1168 QD	1572. QDE	1826. QE	254.	15031 3519E	TE 1159 QE	510. QED	1791. QD	1281.
* 15031 3519DE	TDE 1165 QDE	1934. QD	1537. QE	396.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3519DE	227.	510.	1666.	1934.	6	1400.	0.00356	5.00	2.00	0.	10	0	A97	0.00
15031 3520D	50.	164.	1716.	1928.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.03
15031 3521D	87.	193.	1803.	2010.	6	1400.	0.00547	5.00	2.00	0.	10	13	A97	0.15
15031 3522D	55.	201.	1858.	2004.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00
15031 3523D	56.	113.	1914.	2004.	0	0.	0.00000	0.00	0.00	0.	50	8	A97	0.00
15031 3524D	0.	0.	1914.	2004.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3525E	43.	148.	43.	148.	1	450.	0.05556	0.00	0.00	0.	10	9	B98	0.00
15031 3526E	56.	193.	99.	335.	1	1150.	0.05652	0.00	0.00	0.	10	9	B98	0.00
15031 3527E	80.	262.	179.	557.	6	2650.	0.00566	3.00	2.00	0.	10	10	B98	0.00
15031 3528E	67.	207.	246.	558.	6	1000.	0.00134	4.00	2.00	0.	10	11	B98	0.00
15031 3529E	98.	303.	344.	633.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.02

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

STORM DAY 4

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	------------	--------	-----------	-----------	----	------------	-----------

CONFLUENCE Q' S

* 15031 3530D	TD 1169 QD	2004. QDE	2555. QE	551.	15031 3530E	TE 1162 QE	633. QED	2458. QD	1825.
* 15031 3530DE	TDE 1167 QDE	2560. QD	1995. QE	564.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3530DE	344.	633.	2258.	2560.	6	1450.	0.00328	6.00	2.00	0.	10	0	B98	0.00
15031 3531D	0.	0.	2258.	2542.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3532E	59.	193.	59.	193.	6	600.	0.00167	3.00	2.00	0.	10	10	B98	0.00
15031 3533E	81.	198.	140.	366.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.05
15031 3534DE	140.	366.	2398.	2631.	6	1000.	0.00327	6.00	2.00	0.	30	0	B98	0.00
15031 3535D	0.	0.	2398.	2608.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

CONFLUENCE Q' S

* 15031 3536C	TC 1219 QC	5310. QCD	6274. QD	964.	15031 3536D	TD 1166 QD	2608. QDC	4963. QC	2355.
* 15031 3536CD	TCD 1218 QCD	6287. QC	5297. QD	990.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3536CD	2398.	2608.	8343.	6287.	6	1250.	0.00261	20.00	2.00	0.	30	0	A97	0.00
15031 3537C	36.	81.	8379.	6270.	0	0.	0.00000	0.00	0.00	0.	40	8	A97	0.10
15031 3538C	40.	138.	8419.	6279.	6	100.	0.00261	20.00	2.00	0.	10	9	B98	0.05
15031 3539C	0.	0.	8419.	6278.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3540D	73.	166.	73.	166.	0	0.	0.00000	0.00	0.00	0.	10	12	A97	0.02
15031 3541E	30.	75.	30.	75.	5	200.	0.08000	3.00	0.00	0.	10	10	A97	0.11
15031 3542DE	30.	74.	103.	241.	4	1400.	0.04000	3.75	0.00	0.	10	0	A97	0.00
15031 3543D	85.	150.	188.	385.	5	1300.	0.01115	7.00	0.00	0.	50	12	A97	0.15
15031 3544D	0.	0.	188.	378.	0	0.	0.00000	0.00	0.00	0.	50	99	A97	0.00
15031 3545CD	188.	378.	8607.	6302.	6	750.	0.00260	20.00	2.00	0.	50	0	A97	0.00
15031 3546C	24.	73.	8631.	6296.	0	0.	0.00000	0.00	0.00	0.	40	8	B98	0.00
15031 3547C	26.	95.	8657.	6301.	6	1000.	0.00260	20.00	2.00	0.	10	8	B98	0.00
15031 3548C	31.	113.	8688.	6296.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00
15031 3549C	25.	71.	8713.	6296.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.00
15031 3550C	0.	0.	8713.	6296.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031 3551C	0.	0.	8713.	6296.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

CALLEGUA. 990															
15031	3552D	79.	181.	79.	181.	5	700.	0.05714	4.00	0.00	0.	10	12	A97	0.06
15031	3553E	42.	96.	42.	96.	0	0.	0.00000	0.00	0.00	0.	10	12	A97	0.10
15031	3554DE	42.	96.	121.	277.	5	1150.	0.02609	6.00	0.00	0.	10	0	A97	0.00
15031	3555E	43.	80.	43.	80.	5	750.	0.00400	5.00	0.00	0.	50	11	A97	0.15
15031	3556E	30.	58.	73.	130.	0	0.	0.00000	0.00	0.00	0.	50	10	A97	0.15
15031	3557DE	73.	130.	194.	404.	5	1100.	0.01136	7.00	0.00	0.	50	0	A97	0.00
15031	3558D	0.	0.	194.	398.	0	0.	0.00000	0.00	0.00	0.	50	99	A97	0.00
15031	3559D	0.	0.	194.	398.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

* CONFLUENCE Q' S *
* 15031 3560C TC 1225 QC 6296. QCD 6318. QD 23. 15031 3560D TD 1158 QD 398. QDC 3926. QC 3527. *
* 15031 3560CD TCD 1224 QCD 6320. QC 6296. QD 24. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV
-----------	--------------	-----------	------------	---------	-----------	------------	------------	------------	--------	-----------	-----------	----	------------	----------

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV	
15031	3560CD	194.	398.	8907.	6320.	6	1200.	0.00260	20.00	2.00	0.	50	0	A97	0.00
15031	3561C	19.	69.	8926.	6308.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00
15031	3562C	42.	113.	8968.	6309.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.00
15031	3563D	116.	193.	116.	193.	0	0.	0.00000	0.00	0.00	0.	40	14	A97	0.00
15031	3564E	58.	133.	58.	133.	0	0.	0.00000	0.00	0.00	0.	10	12	A97	0.08
15031	3565DE	58.	133.	174.	325.	4	1400.	0.02643	4.50	0.00	0.	10	0	A97	0.00
15031	3566D	0.	0.	174.	322.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
15031	3567D	44.	81.	218.	400.	5	1300.	0.00692	8.00	0.00	0.	40	12	A97	0.08

* CONFLUENCE Q' S *
* 15031 3568C TC 1227 QC 6309. QCD 6319. QD 10. 15031 3568D TD 1159 QD 393. QDC 4163. QC 3770. *
* 15031 3568CD TCD 1227 QCD 6319. QC 6309. QD 10. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV	
15031	3568CD	218.	393.	9186.	6319.	5	1200.	0.00440	24.00	0.00	0.	40	0	A97	0.00
15031	3569B	83.	146.	29251.	31799.	0	0.	0.00000	0.00	0.00	0.	40	13	A97	0.05

* CONFLUENCE Q' S *
* 15031 3570B TB 1199 QB 31799. QBC 36816. QC 5016. 15031 3570C TC 1228 QC 6314. QCB 26907. QB 20593. *
* 15031 3570BC TBC 1199 QBC 36816. QB 31799. QC 5016. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV	
15031	3570BC	9186.	6314.	38437.	36816.	5	1980.	0.00500	60.00	1.50	0.	10	0	B98	0.00
15031	3571B	0.	0.	38437.	36793.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3572B	73.	226.	38510.	36816.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.10
15031	3573B	0.	0.	38510.	36816.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3574C	55.	126.	55.	126.	1	2200.	0.00600	0.00	0.00	0.	50	12	B98	0.10
15031	3575C	45.	109.	100.	115.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.05

* CONFLUENCE Q' S *
* 15031 3576B TB 1200 QB 36816. QBC 36845. QC 29. 15031 3576C TC 1155 QC 115. QCB 16029. QB 15914. *
* 15031 3576BC TBC 1200 QBC 36845. QB 36816. QC 29. *

LOCATI ON	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT IMPV	
15031	3576BC	100.	115.	38610.	36845.	5	2000.	0.00650	60.00	1.50	0.	10	0	B98	0.00
15031	3577D	70.	150.	70.	150.	1	860.	0.04000	0.00	0.00	0.	50	13	B98	0.05
15031	3578D	39.	106.	109.	239.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.05

CALLEGUA. 990

 * CONFLUENCE Q' S *
 * 15031 3579B TB 1201 QB 36822. QBD 36825. QD 3. 15031 3579D TD 1158 QD 239. QDB 16837. QB 16598. *
 * 15031 3579BD TBD 1201 QBD 36825. QB 36822. QD 3. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 3579BD	109.	239.	38719.	36825.	5	50.	0.00500	60.00	1.50	0.	10	0	B98	0.00
15031 3580E	109.	293.	109.	293.	1	1460.	0.08000	0.00	0.00	0.	10	14	B98	0.00
15031 3581E	52.	161.	161.	432.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.05

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK.W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 3582E	106.	286.	267.	711.	1	2050.	0.01800	0.00	0.00	0.	10	14	B98	0.05
15031 3583E	48.	141.	315.	726.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 3584B TB 1201 QB 36824. QBE 36926. QE 102. 15031 3584E TE 1163 QE 726. QEB 19325. QB 18599. *
 * 15031 3584BE TBE 1201 QBE 36926. QB 36824. QE 102. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 3584BE	315.	726.	39034.	36926.	5	75.	0.00570	60.00	1.50	0.	10	0	B98	0.00
15031 3585C	82.	229.	82.	229.	1	790.	0.05060	0.00	0.00	0.	10	13	B98	0.00
15031 3586C	64.	188.	146.	407.	1	2370.	0.03380	0.00	0.00	0.	10	12	B98	0.00
15031 3587C	69.	199.	215.	472.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.05
15031 3588D	77.	183.	77.	183.	1	2480.	0.04830	0.00	0.00	0.	30	14	B98	0.10
15031 3589D	50.	121.	127.	234.	0	0.	0.00000	0.00	0.00	0.	50	11	B98	0.10

 * CONFLUENCE Q' S *
 * 15031 3590C TC 1162 QC 472. QCD 700. QD 227. 15031 3590D TD 1159 QD 234. QDC 692. QC 457. *
 * 15031 3590CD TCD 1162 QCD 700. QC 472. QD 227. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 3590CD	127.	234.	342.	700.	1	2580.	0.03290	0.00	0.00	0.	10	0	B98	0.00
15031 3591C	31.	70.	373.	646.	0	0.	0.00000	0.00	0.00	0.	60	9	B98	0.10
15031 3592E	83.	224.	83.	224.	1	3200.	0.04030	0.00	0.00	0.	10	14	B98	0.05
15031 3593E	83.	187.	166.	299.	1	1540.	0.04220	0.00	0.00	0.	50	12	B98	0.05
15031 3594E	83.	187.	249.	419.	0	0.	0.00000	0.00	0.00	0.	50	12	B98	0.05
15031 3595CE	249.	419.	622.	987.	1	1650.	0.03210	0.00	0.00	0.	10	0	B98	0.00
15031 3596B	45.	125.	39079.	36929.	0	0.	0.00000	0.00	0.00	0.	50	9	B98	0.15
15031 3597BC	622.	955.	39701.	37144.	5	2080.	0.00630	60.00	1.50	0.	10	0	B98	0.00
15031 3598C	53.	164.	53.	164.	1	1640.	0.01890	0.00	0.00	0.	10	11	B98	0.00
15031 3599C	86.	252.	139.	337.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 3600B TB 1202 QB 37119. QBC 37160. QC 41. 15031 3600C TC 1160 QC 337. QCB 18733. QB 18396. *
 * 15031 3600BC TBC 1202 QBC 37160. QB 37119. QC 41. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 3600BC	139.	337.	39840.	37160.	5	2160.	0.00460	60.00	1.50	0.	10	0	B98	0.00
15031 3601B	61.	200.	39901.	37147.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.10
15031 3602C	70.	188.	70.	188.	1	2315.	0.04320	0.00	0.00	0.	10	14	B98	0.00
15031 3603C	52.	132.	122.	242.	0	0.	0.00000	0.00	0.00	0.	50	10	B98	0.05
15031 3604C	47.	136.	169.	364.	1	3070.	0.03260	0.00	0.00	0.	30	10	B98	0.05
15031 3605C	62.	107.	231.	304.	0	0.	0.00000	0.00	0.00	0.	70	9	B98	0.05

CALLEGUA. 990															
15031	3606C	58.	179.	289.	416.	1	1000.	0.04000	0.00	0.00	0.	10	11	B98	0.05
15031	3607D	50.	164.	50.	164.	1	2320.	0.03450	0.00	0.00	0.	10	10	B98	0.05
15031	3608D	33.	114.	83.	185.	1	320.	0.03000	0.00	0.00	0.	10	9	B98	0.05

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952																	
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002																	
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT			
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	ZONE	IMPV				

* CONFLUENCE Q' S *																	
* 15031	3609C	TC 1161	QC	410.	QCD	588.	QD	177.	15031	3609D	TD 1161	QD	177.	QDC	588.	QC	410.
* 15031	3609CD	TCD	1161	QCD	588.	QC	410.	QD	177.								

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT	
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	ZONE	IMPV		
15031	3609CD	83.	177.	372.	588.	1	1620.	0.02470	0.00	0.00	0.	10	0	B98	0.00
15031	3610C	43.	131.	415.	579.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.05
15031	3611BC	415.	579.	40316.	37290.	5	470.	0.00420	80.00	1.50	0.	10	0	B98	0.00
15031	3612D	47.	154.	47.	154.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.05
15031	3613D	102.	274.	149.	428.	1	2030.	0.00500	0.00	0.00	0.	10	14	B98	0.00
15031	3614D	82.	241.	231.	373.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.05
15031	3615BD	231.	373.	40547.	37384.	5	1565.	0.00640	80.00	1.50	0.	10	0	B98	0.00
15031	3616B	40.	131.	40587.	37377.	5	920.	0.00430	80.00	1.50	0.	10	10	B98	0.05
15031	3617C	131.	339.	131.	339.	1	1290.	0.04650	0.00	0.00	0.	10	15	B98	0.00
15031	3618C	116.	301.	247.	617.	1	950.	0.04210	0.00	0.00	0.	10	15	B98	0.05
15031	3619C	46.	143.	293.	727.	1	2060.	0.02910	0.00	0.00	0.	10	11	B98	0.10
15031	3620C	70.	173.	363.	740.	1	470.	0.09570	0.00	0.00	0.	50	11	B98	0.15
15031	3621C	46.	133.	409.	771.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.05
15031	3622BC	409.	771.	40996.	37463.	5	770.	0.00300	100.00	1.50	0.	10	0	B98	0.00
15031	3623D	70.	229.	70.	229.	1	1900.	0.10500	0.00	0.00	0.	10	10	B98	0.00
15031	3624D	72.	247.	142.	424.	4	2400.	0.04800	4.50	0.00	0.	20	8	B98	0.00
15031	3625D	75.	245.	217.	624.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.14
15031	3626E	57.	185.	57.	185.	4	2200.	0.04300	3.50	0.00	0.	20	9	B98	0.08
15031	3627E	85.	241.	142.	407.	0	0.	0.00000	0.00	0.00	0.	40	10	B98	0.20
15031	3628DE	142.	407.	359.	1026.	2	1000.	0.04500	0.00	0.00	0.	40	0	B98	0.00
15031	3629D	15.	60.	374.	1026.	0	0.	0.00000	0.00	0.00	0.	50	4	B98	0.23
15031	3630BD	374.	1026.	41370.	37509.	5	2150.	0.00150	100.00	2.00	0.	10	0	B98	0.00
15031	3631C	64.	276.	64.	276.	4	750.	0.13300	3.25	0.00	0.	10	6	B98	0.23
15031	3632C	82.	256.	146.	531.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.23

* CONFLUENCE Q' S *																	
* 15031	3633B	TB 1211	QB	37334.	QBC	37373.	QC	39.	15031	3633C	TC 1154	QC	531.	QCB	15276.	QB	14745.
* 15031	3633BC	TBC	1211	QBC	37373.	QB	37334.	QC	39.								

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT	
AREA	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	ZONE	IMPV		
15031	3633BC	146.	531.	41516.	37373.	5	800.	0.00150	100.00	2.00	0.	10	0	B98	0.00
15031	3634B	66.	182.	41582.	37354.	5	550.	0.00500	100.00	2.00	0.	40	10	B98	0.10
15031	3635C	64.	261.	64.	261.	0	0.	0.00000	0.00	0.00	0.	20	6	B98	0.08
15031	3636C	54.	166.	118.	427.	4	1600.	0.06000	4.25	0.00	0.	40	8	B98	0.05
15031	3637C	45.	134.	163.	548.	4	1800.	0.05000	5.00	0.00	0.	30	10	B98	0.23
15031	3638D	49.	143.	49.	143.	4	2000.	0.05000	3.00	0.00	0.	40	9	B98	0.10
15031	3639D	55.	164.	104.	294.	4	2000.	0.04500	4.00	0.00	0.	40	9	B98	0.20
15031	3640D	58.	162.	162.	441.	4	1700.	0.03000	5.00	0.00	0.	20	12	B98	0.23
15031	3641CD	162.	437.	325.	943.	4	2350.	0.02770	6.75	0.00	0.	10	0	B98	0.00
15031	3642C	63.	196.	388.	1088.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.23
15031	3643E	63.	221.	63.	221.	1	2400.	0.05000	0.00	0.00	0.	20	8	B98	0.23
15031	3644E	71.	201.	134.	354.	4	2600.	0.02000	5.00	0.00	0.	10	13	B98	0.23

CALLEGUA. 990
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

													STORM DAY 4		
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI N	PCT		
AREA	Q	AREA	Q	TYPE	LN GTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV		
15031 3645E	32.	118.	166.	380.	4	300.	0.07000	4.00	0.00	0.	10	8	B98 0.23		

CONFLUENCE Q' S															
15031 3646C	TC 1159	QC	1088.	QCE	1463.	QE	375.	15031 3646E	TE 1159	QE	375.	QEC	1463.	QC	1088.

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI N	PCT		
AREA	Q	AREA	Q	TYPE	LN GTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV		
15031 3646CE	166.	375.	554.	1463.	5	900.	0.02000	18.00	2.00	0.	10	0	B98 0.00		
15031 3647C	38.	113.	592.	1473.	0	0.	0.00000	0.00	0.00	0.	50	8	B98 0.18		
15031 3648BC	592.	1473.	42174.	37457.	5	650.	0.00300	100.00	2.00	0.	10	0	B98 0.00		
15031 3649B	67.	197.	42241.	37467.	5	250.	0.00300	100.00	2.00	0.	10	12	B98 0.10		
15031 3650C	102.	274.	102.	274.	1	3280.	0.10970	0.00	0.00	0.	10	14	B98 0.00		
15031 3651C	107.	288.	209.	505.	0	0.	0.00000	0.00	0.00	0.	10	14	B98 0.00		
15031 3652C	84.	235.	293.	719.	1	2500.	0.01800	0.00	0.00	0.	10	13	B98 0.00		
15031 3653C	56.	174.	349.	689.	0	0.	0.00000	0.00	0.00	0.	10	11	B98 0.15		

CONFLUENCE Q' S															
15031 3654B	TB 1213	QB	37463.	QBC	37567.	QC	104.	15031 3654C	TC 1166	QC	689.	QCB	20287.	QB	19598.

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI N	PCT		
AREA	Q	AREA	Q	TYPE	LN GTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV		
15031 3654BC	349.	689.	42590.	37567.	5	200.	0.00300	100.00	2.00	0.	10	0	B98 0.00		
15031 3655D	93.	260.	93.	260.	1	2240.	0.10260	0.00	0.00	0.	10	13	B98 0.00		
15031 3656D	61.	188.	154.	411.	0	0.	0.00000	0.00	0.00	0.	10	11	B98 0.00		

CONFLUENCE Q' S															
15031 3657B	TB 1213	QB	37562.	QBD	37599.	QD	36.	15031 3657D	TD 1159	QD	411.	QDB	18478.	QB	18067.

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI N	PCT		
AREA	Q	AREA	Q	TYPE	LN GTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV		
15031 3657BD	154.	411.	42744.	37599.	5	630.	0.00300	100.00	2.00	0.	10	0	B98 0.00		
15031 3658B	28.	88.	42772.	37591.	5	370.	0.00300	100.00	2.00	0.	30	9	B98 0.23		
15031 3659C	72.	235.	72.	235.	1	1850.	0.07020	0.00	0.00	0.	10	10	B98 0.00		
15031 3660C	54.	177.	126.	367.	0	0.	0.00000	0.00	0.00	0.	10	10	B98 0.00		

CONFLUENCE Q' S															
15031 3661B	TB 1214	QB	37588.	QBC	37617.	QC	29.	15031 3661C	TC 1158	QC	367.	QCB	18013.	QB	17646.

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI N	PCT		
AREA	Q	AREA	Q	TYPE	LN GTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV		
15031 3661BC	126.	367.	42898.	37617.	5	700.	0.00300	100.00	2.00	0.	10	0	B98 0.00		
15031 3662B	59.	217.	42957.	37620.	5	500.	0.00300	100.00	2.00	0.	10	8	B98 0.23		
15031 3663C	40.	147.	40.	147.	4	1750.	0.01100	4.00	0.00	0.	10	8	B98 0.23		
15031 3664C	55.	191.	95.	314.	4	1100.	0.07300	3.75	0.00	0.	10	9	B98 0.23		
15031 3665C	54.	168.	149.	471.	4	1700.	0.00600	6.75	0.00	0.	10	11	B98 0.23		
15031 3666C	41.	124.	190.	531.	0	0.	0.00000	0.00	0.00	0.	50	8	B98 0.23		

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

													STORM DAY 4		
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI N	PCT		
AREA	Q	AREA	Q	TYPE	LN GTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV		

CALLEGUA. 990
CONFLUENCE Q' S

```

*
* 15031 3667B TB 1215 QB 37616. QBC 37664. QC 47. 15031 3667C TC 1159 QC 531. QCB 18578. QB 18047.
*
* 15031 3667BC TBC 1215 QBC 37664. QB 37616. QC 47.
*
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3667BC	190.	531.	43147.	37664.	5	1700.	0.00150	143.00	0.00	0.	50	0	B98	0.00
15031 3668D	0.	0.	0.	411.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3669D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3670D	84.	277.	84.	277.	4	2100.	0.02400	2.00	2.00	0.	10	10	B98	0.22
15031 3671E	78.	287.	78.	287.	4	400.	0.07500	3.50	0.00	0.	10	8	B98	0.23
15031 3672E	41.	142.	119.	428.	4	1000.	0.02500	5.00	0.00	0.	10	9	B98	0.23
15031 3673DE	119.	423.	203.	696.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
15031 3674D	65.	226.	268.	918.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.35
15031 3675D	40.	138.	308.	1054.	5	2400.	0.02000	5.00	2.00	0.	10	9	B98	0.15
15031 3676D	66.	243.	374.	1137.	5	2800.	0.00100	17.00	0.00	0.	10	8	B98	0.23
15031 3677D	74.	212.	448.	978.	0	0.	0.00000	0.00	0.00	0.	50	9	B98	0.25
15031 3678B	73.	197.	43220.	37646.	0	0.	0.00000	0.00	0.00	0.	10	14	B98	0.05
15031 3679B	0.	0.	43220.	37646.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

```

*****
*
* 15031 3680B TB 1217 QB 37646. QBD 37784. QD 137. 15031 3680D TD 1165 QD 978. QDB 20919. QB 19941.
*
* 15031 3680BD TBD 1217 QBD 37784. QB 37646. QD 137.
*
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3680BD	448.	978.	43668.	37784.	5	1800.	0.00100	100.00	2.00	0.	10	0	B98	0.00
15031 3681B	124.	248.	43792.	37630.	0	0.	0.00000	0.00	0.00	0.	50	15	B98	0.10
15031 3682B	38.	108.	43830.	37634.	5	1700.	0.00100	100.00	2.00	0.	50	9	B98	0.23
15031 3683B	52.	140.	43882.	37496.	0	0.	0.00000	0.00	0.00	0.	50	10	B98	0.23
15031 3684D	0.	0.	0.	978.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3685D	80.	292.	80.	292.	1	1200.	0.04000	0.00	0.00	0.	10	8	B98	0.00
15031 3686D	109.	375.	189.	613.	1	1600.	0.05000	0.00	0.00	0.	10	9	B98	0.00
15031 3687D	59.	202.	248.	709.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.00
15031 3688E	112.	409.	112.	409.	1	2500.	0.06000	0.00	0.00	0.	10	8	B98	0.00
15031 3689E	50.	183.	162.	473.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.00
15031 3690DE	162.	473.	410.	1182.	5	300.	0.05000	8.00	1.50	0.	10	0	B98	0.00
15031 3691D	107.	368.	517.	1467.	5	1400.	0.03000	10.00	1.50	0.	10	9	B98	0.00
15031 3692D	79.	292.	596.	1648.	5	600.	0.03000	10.00	1.50	0.	20	7	B98	0.00
15031 3693D	48.	175.	644.	1753.	5	2500.	0.03000	10.00	1.50	0.	10	8	B98	0.00
15031 3694D	85.	168.	729.	1899.	0	0.	0.00000	0.00	0.00	0.	30	18	B98	0.00
15031 3695D	80.	224.	809.	2107.	5	2200.	0.01000	10.00	1.50	0.	10	13	B98	0.05
15031 3696D	86.	184.	895.	2255.	0	0.	0.00000	0.00	0.00	0.	20	18	B98	0.05
15031 3697D	0.	0.	895.	2255.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3698D	75.	148.	970.	2395.	5	900.	0.00400	20.00	2.00	0.	30	18	B98	0.00
15031 3699D	0.	0.	970.	2361.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3700D	0.	0.	970.	2361.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3701E	50.	183.	50.	183.	1	1500.	0.05000	0.00	0.00	0.	10	8	B98	0.00
15031 3702E	77.	302.	127.	406.	5	2700.	0.03000	6.00	1.50	0.	10	7	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

```

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002
*****
*
* 15031 3705D TD 1163 QD 2361. QDE 2858. QE 497. 15031 3705E TE 1164 QE 506. QED 2842. QD 2336.
*
* 15031 3705DE TDE 1163 QDE 2858. QD 2361. QE 497.
*
*****

```

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3703E	49.	192.	176.	521.	5	2500.	0.00300	8.00	2.00	0.	10	7	B98	0.00
15031 3704E	64.	122.	240.	506.	0	0.	0.00000	0.00	0.00	0.	30	19	B98	0.00

CALLEGUA. 990

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3705DE	240.	506.	1210.	2858.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

CONFLUENCE Q' S

* 15031 3706B	TB 1224 QB	37496.	QBD	37716.	QD	220.	15031 3706D	TD 1163 QD	2858.	QDB	19446.	QB	16588.	
		15031 3706BD	TBD 1224 QBD	37716.	QB	37496.	QD	220.						

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3706BD	1210.	2858.	45092.	37716.	5	1400.	0.00100	100.00	2.00	0.	10	0	B98	0.00
15031 3707C	37.	122.	37.	122.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.23
15031 3708C	50.	184.	87.	306.	4	2300.	0.00300	6.50	0.00	0.	10	8	B98	0.30
15031 3709D	111.	270.	111.	270.	4	1500.	0.00300	6.25	0.00	0.	50	12	B98	0.26
15031 3710D	79.	201.	190.	431.	0	0.	0.00000	0.00	0.00	0.	50	11	B98	0.23
15031 3711CD	190.	431.	277.	687.	5	700.	0.00300	11.00	0.00	0.	10	0	B98	0.00
15031 3712E	56.	194.	56.	194.	4	1700.	0.01000	4.50	0.00	0.	10	9	B98	0.21
15031 3713E	70.	277.	126.	429.	4	900.	0.00200	8.00	0.00	0.	10	7	B98	0.30
15031 3714E	31.	108.	157.	489.	4	1700.	0.00300	7.75	0.00	0.	20	8	B98	0.22
15031 3715E	33.	77.	190.	523.	0	0.	0.00000	0.00	0.00	0.	40	14	B98	0.23
15031 3716E	50.	141.	240.	638.	5	2100.	0.00300	11.00	0.00	0.	20	12	B98	0.29
15031 3717E	0.	0.	240.	603.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CONFLUENCE Q' S

* 15031 3718D	TD 1159 QD	431.	QDE	474.	QE	474.	15031 3718E	TE 1164 QE	603.	QED	603.	QD	0.
		15031 3718DE	TDE 1164 QDE	603.	QD	0.	QE	603.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3718DE	240.	603.	240.	603.	5	600.	0.00300	3.00	1.50	0.	10	0	B98	0.00
15031 3719C	70.	178.	347.	831.	5	700.	0.00300	5.00	1.50	0.	40	12	B98	0.23
15031 3720C	64.	177.	411.	934.	5	300.	0.00300	5.00	1.50	0.	50	12	B98	0.65
15031 3721D	73.	162.	313.	703.	5	4300.	0.00300	12.00	0.00	0.	40	15	B98	0.20
15031 3722D	61.	165.	374.	656.	0	0.	0.00000	0.00	0.00	0.	40	13	B98	0.65

CONFLUENCE Q' S

* 15031 3723C	TC 1162 QC	928.	QCD	1430.	QD	502.	15031 3723D	TD 1171 QD	656.	QDC	1124.	QC	469.
		15031 3723CD	TCD 1164 QCD	1447.	QC	900.	QD	548.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3723CD	374.	656.	785.	1447.	5	900.	0.00300	6.00	1.50	0.	10	0	B98	0.00
15031 3724C	59.	148.	844.	1514.	0	0.	0.00000	0.00	0.00	0.	30	15	B98	0.54

VENTURA COUNTY FLOOD CONTROL DISTRICT

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

STORM DAY 4

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
----------	--------------	-----------	------------	---------	-----------	-------------	------------	------------	--------	-----------	-----------	----	------------	-----------

CONFLUENCE Q' S

* 15031 3725B	TB 1227 QB	37622.	QBC	37819.	QC	197.	15031 3725C	TC 1166 QC	1514.	QCB	20701.	QB	19186.
		15031 3725BC	TBC 1227 QBC	37819.	QB	37622.	QC	197.					

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3725BC	844.	1514.	45936.	37819.	3	800.	0.00100	100.00	2.00	0.	10	0	B98	0.00
15031 3726B	0.	0.	45936.	37667.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3727B	82.	220.	46018.	37684.	5	2100.	0.00100	100.00	2.00	0.	10	14	B98	0.00
15031 3728B	73.	122.	46091.	37501.	5	200.	0.00100	100.00	2.00	0.	40	21	B98	0.00

CALLEGUA. 990															
15031	3729C	48.	101.	48.	101.	5	1350.	0.00200	4.00	2.00	0.	50	14	B98	0.12
15031	3730C	55.	88.	103.	163.	5	2000.	0.00200	10.00	2.00	0.	50	20	B98	0.05
15031	3731C	70.	120.	173.	201.	0	0.	0.00000	0.00	0.00	0.	40	20	B98	0.00

 * CONFLUENCE Q' S *
 * 15031 3732B TB 1236 QB 37499. QBC 37507. QC 8. 15031 3732C TC 1168 QC 201. QCB 17440. QB 17239. *
 * 15031 3732BC TBC 1236 QBC 37507. QB 37499. QC 8. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV
15031 3732BC	173.	201.	46264.	37507.	5	190.	0.00100	100.00	2.00	0.	10 0	B98	0.00
15031 3733C	0.	0.	0.	201.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 3734C	90.	264.	90.	264.	5	1500.	0.07000	4.00	1.50	0.	10 12	B98	0.00
15031 3735C	53.	182.	143.	441.	5	2300.	0.10000	5.00	0.00	0.	10 9	B98	0.00
15031 3736C	63.	219.	206.	643.	0	0.	0.00000	0.00	0.00	0.	10 9	B98	0.26
15031 3737D	64.	188.	64.	188.	1	1400.	0.22000	0.00	0.00	0.	10 12	B98	0.00
15031 3738D	40.	117.	104.	299.	1	1100.	0.22000	0.00	0.00	0.	10 12	B98	0.00
15031 3739E	80.	247.	80.	247.	1	2000.	0.09000	0.00	0.00	0.	10 11	B98	0.00
15031 3740E	80.	247.	160.	452.	1	2200.	0.26000	0.00	0.00	0.	10 11	B98	0.00
15031 3741E	105.	294.	265.	711.	0	0.	0.00000	0.00	0.00	0.	10 13	B98	0.00
15031 3742DE	265.	711.	369.	1007.	5	900.	0.12000	6.00	0.00	0.	10 0	B98	0.00
15031 3743D	63.	206.	432.	1180.	0	0.	0.00000	0.00	0.00	0.	10 10	B98	0.00
15031 3744CD	432.	1180.	638.	1799.	5	1300.	0.03000	20.00	9.99	0.	10 0	B98	0.00
15031 3745C	101.	331.	739.	2004.	5	1400.	0.03000	20.00	9.99	0.	10 10	B98	0.04
15031 3746C	85.	313.	824.	2046.	0	0.	0.00000	0.00	0.00	0.	10 8	B98	0.34
15031 3747D	0.	0.	0.	1180.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 3748D	58.	190.	58.	190.	1	2400.	0.16000	0.00	0.00	0.	10 10	B98	0.00
15031 3749D	77.	268.	135.	405.	0	0.	0.00000	0.00	0.00	0.	20 8	B98	0.15
15031 3750CD	135.	405.	959.	2401.	5	1400.	0.00500	20.00	8.00	0.	10 0	B98	0.00
15031 3751C	59.	147.	1018.	2324.	5	1300.	0.00150	20.00	9.99	0.	30 13	B98	0.15
15031 3752C	80.	225.	1098.	2179.	5	2000.	0.00100	20.00	9.99	0.	10 13	B98	0.09
15031 3753C	60.	184.	1158.	1914.	0	0.	0.00000	0.00	0.00	0.	20 10	B98	0.07
15031 3754C	95.	248.	1253.	1938.	0	0.	0.00000	0.00	0.00	0.	20 13	B98	0.09

 * CONFLUENCE Q' S *
 * 15031 3755B TB 1236 QB 37495. QBC 37858. QC 363. 15031 3755C TC 1181 QC 1938. QCB 24085. QB 22148. *
 * 15031 3755BC TBC 1236 QBC 37858. QB 37495. QC 363. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	-------------	------------	-----------	--------	-----------	--------------	------------	----------

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXISTG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV	
15031 3755BC	1253.	1938.	47517.	37858.	5	1850.	0.00100	100.00	2.00	0.	10 0	B98	0.00	
15031 3756B	0.	0.	47517.	37858.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 3757D	52.	135.	52.	135.	5	1350.	0.00400	6.00	2.00	0.	50 14	B98	0.70	
15031 3758D	53.	94.	105.	210.	0	0.	0.00000	0.00	0.00	0.	40 19	B98	0.00	

 * CONFLUENCE Q' S *
 * 15031 3759B TB 1241 QB 37689. QBD 37707. QD 18. 15031 3759D TD 1162 QD 210. QDB 15252. QB 15043. *
 * 15031 3759BD TBD 1241 QBD 37707. QB 37689. QD 18. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME TC	RAI N ZONE	PCT IMPV
15031 3759BD	105.	210.	47622.	37707.	5	1200.	0.00070	100.00	2.00	0.	10 0	B98	0.00
15031 3760B	0.	0.	47622.	37629.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00
15031 3761C	40.	104.	40.	104.	3	1750.	0.00400	6.00	2.00	0.	50 14	B98	0.70
15031 3762C	44.	56.	84.	122.	0	0.	0.00000	0.00	0.00	0.	60 19	B98	0.00

CALLEGUA. 990

 * CONFLUENCE Q' S *
 * 15031 3763B TB 1244 QB 37629. QBC 37642. QC 14. 15031 3763C TC 1166 QC 122. QCB 15457. QB 15334. *
 * 15031 3763BC TBC 1244 QBC 37642. QB 37629. QC 14. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 3763BC	84.	122.	47706.	37642.	5	250.	0.00070	100.00	2.00	0.	10 0	B98	0.00	
15031 3764B	76.	199.	47782.	37642.	5	375.	0.00100	100.00	2.00	0.	20 13	B98	0.11	
15031 3765C	63.	68.	63.	68.	5	1700.	0.00300	4.00	2.00	0.	70 16	B98	0.10	
15031 3766C	33.	66.	96.	92.	5	3500.	0.00300	6.00	0.00	0.	50 15	B98	0.10	
15031 3767C	62.	134.	158.	167.	0	0.	0.00000	0.00	0.00	0.	50 17	B98	0.50	

 * CONFLUENCE Q' S *
 * 15031 3768B TB 1245 QB 37634. QBC 37654. QC 21. 15031 3768C TC 1164 QC 167. QCB 14960. QB 14792. *
 * 15031 3768BC TBC 1245 QBC 37654. QB 37634. QC 21. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 3768BC	158.	167.	47940.	37654.	5	500.	0.00070	100.00	2.00	0.	10 0	B98	0.00	
15031 3769D	58.	200.	58.	200.	4	2300.	0.11000	3.00	0.00	0.	10 9	B98	0.00	
15031 3770D	78.	229.	136.	421.	0	0.	0.00000	0.00	0.00	0.	20 11	B98	0.19	

 * CONFLUENCE Q' S *
 * 15031 3771B TB 1246 QB 37632. QBD 37657. QD 24. 15031 3771D TD 1155 QD 421. QDB 13514. QB 13093. *
 * 15031 3771BD TBD 1246 QBD 37657. QB 37632. QD 24. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 3771BD	136.	421.	48076.	37657.	5	1900.	0.00030	75.00	2.00	0.	10 0	B98	0.00	
15031 3772B	0.	0.	48076.	37547.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 3773B	59.	182.	48135.	37559.	3	1100.	0.00030	50.00	2.00	0.	10 11	B98	0.00	
15031 3774B	0.	0.	48135.	36995.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 3775B	65.	132.	48200.	37005.	0	0.	0.00000	0.00	0.00	0.	40 18	B98	0.30	
15031 3776D	0.	0.	0.	421.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 3777C	113.	304.	113.	304.	1	2080.	0.07690	0.00	0.00	0.	10 14	B98	0.00	
15031 3778C	98.	266.	211.	523.	0	0.	0.00000	0.00	0.00	0.	20 12	B98	0.00	
15031 3779D	63.	194.	63.	194.	1	1700.	0.12350	0.00	0.00	0.	10 11	B98	0.00	
15031 3780D	59.	183.	122.	354.	0	0.	0.00000	0.00	0.00	0.	10 11	B98	0.05	

 * CONFLUENCE Q' S *
 * 15031 3781C TC 1159 QC 523. QCD 871. QD 348. 15031 3781D TD 1157 QD 354. QDC 869. QC 515. *
 * 15031 3781CD TCD 1158 QCD 876. QC 523. QD 353. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 3781CD	122.	354.	333.	876.	1	600.	0.06670	0.00	0.00	0.	10 0	B98	0.00	
15031 3782E	58.	179.	58.	179.	0	0.	0.00000	0.00	0.00	0.	10 11	B98	0.00	
15031 3783E	62.	182.	120.	361.	1	1740.	0.11400	0.00	0.00	0.	10 12	B98	0.00	
15031 3784CE	120.	349.	453.	1220.	1	1500.	0.02000	0.00	0.00	0.	10 0	B98	0.00	
15031 3785C	93.	214.	546.	1349.	0	0.	0.00000	0.00	0.00	0.	30 15	B98	0.15	
15031 3786C	78.	210.	624.	1525.	1	2100.	0.00500	0.00	0.00	0.	10 14	B98	0.00	
15031 3787C	54.	167.	678.	1293.	0	0.	0.00000	0.00	0.00	0.	10 11	B98	0.00	

 * CONFLUENCE Q' S *
 *
 *

CALLEGUA. 990

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV
15031 3788B	TB 1259 QB	37005.	48878.	37130.	5	2380.	0.00117	170.00	2.00	0.	10	0	B98	0.00

15031 3789B	0.	0.	48878.	37070.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3790D	69.	190.	69.	190.	1	2000.	0.02650	0.00	0.00	0.	20	12	B98	0.10
15031 3791D	121.	266.	190.	404.	0	0.	0.00000	0.00	0.00	0.	10	20	B98	0.05
15031 3792BD	190.	404.	49068.	37105.	5	1000.	0.00117	170.00	2.00	0.	10	0	B98	0.00
15031 3793D	49.	90.	49.	90.	1	1400.	0.01210	0.00	0.00	0.	40	19	B98	0.10
15031 3794D	65.	146.	114.	174.	0	0.	0.00000	0.00	0.00	0.	50	12	B98	0.05
15031 3795D	0.	0.	114.	174.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3796C	0.	0.	0.	1293.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3797C	58.	179.	58.	179.	1	2050.	0.07560	0.00	0.00	0.	10	11	B98	0.00
15031 3798C	38.	131.	96.	260.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.15
15031 3799B	0.	0.	49068.	37091.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3800BC	96.	260.	49164.	37111.	5	750.	0.00117	170.00	2.00	0.	10	0	B98	0.00
15031 3801D	0.	0.	114.	174.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3802D	0.	0.	114.	174.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3803C	72.	124.	72.	124.	1	1400.	0.01390	0.00	0.00	0.	50	18	B98	0.05
15031 3804C	0.	0.	72.	108.	0	0.	0.00000	0.00	0.00	0.	50	99	B98	0.00
15031 3805C	47.	96.	119.	170.	0	0.	0.00000	0.00	0.00	0.	50	14	B98	0.05
15031 3806BC	119.	170.	49283.	37104.	5	700.	0.00117	170.00	2.00	0.	10	0	B98	0.00
15031 3807D	72.	211.	186.	381.	1	3750.	0.03970	0.00	0.00	0.	10	12	B98	0.00
15031 3808D	116.	290.	302.	539.	0	0.	0.00000	0.00	0.00	0.	10	16	B98	0.05

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q10OP, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SI ZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAI N ZONE	PCT I MPV

CONFLUENCE Q' S														
15031 3809B	TB 1265 QB	37094.	49585.	37137.	43.	1650.	0.00117	170.00	2.00	0.	10	0	B98	0.00

15031 3809BD	TBD 1265 QBD	37094.	49585.	37137.	43.	1650.	0.00117	170.00	2.00	0.	10	0	B98	0.00
15031 3810E	92.	99.	92.	99.	0	0.	0.00000	0.00	0.00	0.	70	15	B98	0.05

CONFLUENCE Q' S														
15031 3811B	TB 1267 QB	37112.	49677.	37114.	2.	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

15031 3811BE	TBE 1267 QBE	37112.	49677.	37114.	2.	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00

CONFLUENCE Q' S														
15031 3812A	TA 1260 QA	54243.	158933.	90912.	5	330.	0.00117	170.00	2.00	0.	10	0	B98	0.00

15031 3812AB	TAB 1264 QAB	54001.	158933.	90900.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3813A	0.	0.	158933.	90900.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3814A	0.	0.	158933.	90900.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3815A	0.	0.	158933.	90900.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3816A	0.	0.	158933.	90900.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CALLEGUA. 990															
15031	3817A	0.	0.	158933.	90900.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3818A	39.	128.	158972.	90907.	5	130.	0.00117	170.00	2.00	0.	10	10	B98	0.00
15031	3819A	0.	0.	158972.	90900.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3820A	28.	96.	159000.	90905.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.00
15031	3821A	0.	0.	159000.	90905.	5	1600.	0.00313	170.00	2.00	0.	10	99	B98	0.00
15031	3822A	38.	124.	159038.	90891.	5	1550.	0.00323	170.00	2.00	0.	10	10	B98	0.00
15031	3823B	0.	0.	0.	37114.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3824B	118.	317.	118.	317.	0	0.	0.00000	0.00	0.00	0.	10	14	B98	0.00
15031	3825B	49.	151.	167.	468.	1	1300.	0.07690	0.00	0.00	0.	10	11	B98	0.00
15031	3826B	0.	0.	167.	459.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3827B	50.	164.	217.	610.	1	1200.	0.05000	0.00	0.00	0.	10	10	B98	0.00
15031	3828B	0.	0.	217.	596.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3829B	0.	0.	217.	596.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3830B	67.	196.	284.	771.	1	1010.	0.00100	0.00	0.00	0.	10	12	B98	0.00
15031	3831B	0.	0.	284.	567.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3832B	0.	0.	284.	567.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3833B	46.	142.	330.	587.	1	1400.	0.00100	0.00	0.00	0.	10	11	B98	0.00
15031	3834B	0.	0.	330.	456.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3835B	0.	0.	330.	456.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3836B	44.	51.	374.	459.	0	0.	0.00000	0.00	0.00	0.	70	15	B98	0.10

VENTURA COUNTY FLOOD CONTROL DISTRICT															
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952															
CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002															
STORM DAY 4															
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT		
AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SI	Z	Q	NAME	TC	ZONE	IMPV		

CONFLUENCE Q'S															
*	15031	3837A	TA 1267 QA	90870. QAB	90976. QB	106.	15031	3837B	TB 1192 QB	459. QBA	42759. QA	42300.	*		
*	15031 3837AB TAB 1267 QAB 90976. QA 90870. QB 106.														

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT			
AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SI	Z	Q	NAME	TC	ZONE	IMPV		
15031	3837AB	374.	459.	159412.	90976.	5	920.	0.00430	180.00	2.00	0.	10	0	B98	0.00
15031	3838A	0.	0.	159412.	90970.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3839A	30.	98.	159442.	90976.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.05
15031	3840C	0.	0.	0.	170.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3841C	87.	255.	87.	255.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031	3842C	0.	0.	87.	255.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3843C	0.	0.	87.	255.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3844C	0.	0.	87.	255.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3845C	55.	170.	142.	425.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031	3846C	0.	0.	142.	425.	1	2580.	0.00969	0.00	0.00	0.	10	99	B98	0.00
15031	3847C	95.	280.	237.	417.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.10
15031	3848C	0.	0.	237.	417.	1	1800.	0.00333	0.00	0.00	0.	10	99	B98	0.00
15031	3849C	92.	228.	329.	371.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.10

CONFLUENCE Q'S															
*	15031	3850A	TA 1267 QA	90976. QAC	91041. QC	65.	15031	3850C	TC 1161 QC	371. QCA	29571. QA	29200.	*		
*	15031 3850AC TAC 1267 QAC 91041. QA 90976. QC 65.														

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT			
AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SI	Z	Q	NAME	TC	ZONE	IMPV		
15031	3850AC	329.	371.	159771.	91041.	5	8000.	0.00450	200.00	2.00	0.	10	0	B98	0.00
15031	3851B	0.	0.	0.	459.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3852B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3853B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3854B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3855B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3856B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3857B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CALLEGUA. 990															
15031	3858B	0.	0.	0.	0.	0	0.	0.0000	0.00	0.00	0.	10	99	B98	0.00
15031	3859B	0.	0.	0.	0.	0	0.	0.0000	0.00	0.00	0.	10	99	B98	0.00
15031	3860B	0.	0.	0.	0.	0	0.	0.0000	0.00	0.00	0.	10	99	B98	0.00
15031	3861B	196.	507.	196.	507.	1	1000.	0.05000	0.00	0.00	0.	10	15	B98	0.00
15031	3862B	186.	501.	382.	992.	1	750.	0.03467	0.00	0.00	0.	10	14	B98	0.05
15031	3863B	0.	0.	382.	986.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031	3864C	99.	277.	99.	277.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.00
15031	3865D	119.	286.	119.	286.	0	0.	0.00000	0.00	0.00	0.	10	17	B98	0.00
15031	3866D	50.	134.	169.	420.	1	500.	0.08000	0.00	0.00	0.	10	14	B98	0.00

* CONFLUENCE Q' S *
* 15031 3867C TC 1154 QC 277. QCD 679. QD 403. 15031 3867D TD 1156 QD 419. QDC 695. QC 276. *
* 15031 3867CD TCD 1156 QCD 695. QC 276. QD 419. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----------	----------	------

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
CALLEGUAS CRK.W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	3867CD	169.	419.	268.	695.	1	900.	0.02777	0.00	0.00	0.	10	0	B98	0.00

* CONFLUENCE Q' S *
* 15031 3868B TB 1159 QB 986. QBC 1672. QC 685. 15031 3868C TC 1159 QC 685. QCB 1672. QB 986. *
* 15031 3868BC TBC 1159 QBC 1672. QB 986. QC 685. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	3868BC	268.	685.	650.	1672.	1	600.	0.05800	0.00	0.00	0.	10	0	B98	0.00
15031	3869B	82.	213.	732.	1859.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.05
15031	3870C	67.	153.	67.	153.	0	0.	0.00000	0.00	0.00	0.	20	16	B98	0.00

* CONFLUENCE Q' S *
* 15031 3871B TB 1159 QB 1859. QBC 2006. QC 147. 15031 3871C TC 1156 QC 153. QCB 1799. QB 1646. *
* 15031 3871BC TBC 1159 QBC 2006. QB 1859. QC 147. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	3871BC	67.	153.	799.	2006.	1	1300.	0.02692	0.00	0.00	0.	10	0	B98	0.00
15031	3872B	59.	147.	858.	2103.	0	0.	0.00000	0.00	0.00	0.	20	14	B98	0.05
15031	3873B	0.	0.	858.	2103.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031	3874B	71.	169.	929.	2248.	1	1900.	0.02895	0.00	0.00	0.	20	15	B98	0.00
15031	3875B	53.	155.	982.	2227.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031	3876B	56.	173.	1038.	2271.	1	700.	0.04286	0.00	0.00	0.	10	11	B98	0.05
15031	3877B	0.	0.	1038.	2268.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031	3878C	88.	212.	88.	212.	0	0.	0.00000	0.00	0.00	0.	10	17	B98	0.00
15031	3879C	65.	162.	153.	373.	1	650.	0.06154	0.00	0.00	0.	20	14	B98	0.05

* CONFLUENCE Q' S *
* 15031 3880B TB 1165 QB 2268. QBC 2562. QC 294. 15031 3880C TC 1157 QC 372. QCB 1790. QB 1418. *
* 15031 3880BC TBC 1164 QBC 2563. QB 2248. QC 315. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV	
15031	3880BC	153.	372.	1191.	2563.	1	2100.	0.02857	0.00	0.00	0.	10	0	B98	0.00
15031	3881B	0.	0.	1191.	2503.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031	3882B	82.	187.	1273.	2582.	0	0.	0.00000	0.00	0.00	0.	20	16	B98	0.00
15031	3883B	46.	139.	1319.	2612.	1	1000.	0.02600	0.00	0.00	0.	30	12	C99	0.05
15031	3884B	53.	138.	1372.	2625.	1	2100.	0.01905	0.00	0.00	0.	10	15	B98	0.05

CALLEGUA. 990
 15031 3885B 0. 0. 1372. 2561. 0 0. 0.0000 0.00 0.00 0. 20 99 B98 0.00
 15031 3886C 88. 230. 88. 230. 0 0. 0.0000 0.00 0.00 0. 10 15 B98 0.15

CONFLUENCE Q' S
 * 15031 3887B TB 1174 QB 2561. QBC 2603. QC 43. 15031 3887C TC 1155 QC 230. QCB 1211. QB 981. *
 * 15031 3887BC TBC 1174 QBC 2603. QB 2561. QC 43. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3887BC	88.	230.	1460.	2603.	1	1200.	0.02083	0.00	0.00	0.	20	0	B98	0.00
15031 3888B	71.	183.	1531.	2609.	1	1250.	0.02632	0.00	0.00	0.	30	13	B98	0.30

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q10OP, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3889B	47.	141.	1578.	2610.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.40
15031 3890D	97.	233.	97.	233.	1	1700.	0.02353	0.00	0.00	0.	10	17	B98	0.00
15031 3891D	63.	147.	160.	345.	1	2260.	0.02800	0.00	0.00	0.	10	18	B98	0.05
15031 3892D	152.	303.	312.	554.	1	2400.	0.00333	0.00	0.00	0.	20	20	B98	0.00
15031 3893D	42.	121.	354.	451.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.05

CONFLUENCE Q' S
 * 15031 3894B TB 1178 QB 2610. QBD 3032. QD 422. 15031 3894D TD 1183 QD 451. QDB 2872. QB 2421. *
 * 15031 3894BD TBD 1179 QBD 3039. QB 2607. QD 433. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3894BD	354.	451.	1932.	3039.	1	900.	0.00500	0.00	0.00	0.	20	0	B98	0.00
15031 3895B	31.	97.	1963.	3013.	1	1700.	0.00090	0.00	0.00	0.	30	10	B98	0.50
15031 3896B	57.	150.	2020.	2666.	1	2420.	0.00207	0.00	0.00	0.	20	13	B98	0.15
15031 3897B	55.	155.	2075.	2444.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.10
15031 3898B	0.	0.	2075.	2444.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
15031 3899B	451.	654.	2526.	2477.	0	0.	0.00000	0.00	0.00	0.	30	30	B98	0.05

CONFLUENCE Q' S
 * 15031 3900A TA 1272 QA 90749. QAB 91574. QB 825. 15031 3900B TB 1213 QB 2477. QBA 55140. QA 52663. *
 * 15031 3900AB TAB 1272 QAB 91574. QA 90749. QB 825. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3900AB	2526.	2477.	162297.	91574.	5	9650.	0.00260	400.00	2.00	0.	10	0	B98	0.00
15031 3901B	0.	0.	0.	2477.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3902B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3903B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3904B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3905B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3906B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3907C	0.	0.	0.	230.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3908C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3909C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3910C	29.	106.	29.	106.	1	1850.	0.05405	0.00	0.00	0.	10	8	B98	0.05
15031 3911C	0.	0.	29.	86.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3912C	38.	124.	67.	187.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.05
15031 3913C	34.	104.	101.	281.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.05
15031 3914C	50.	155.	151.	426.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.05
15031 3915D	22.	80.	22.	80.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.05
15031 3916D	80.	235.	102.	315.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.05
15031 3917D	81.	238.	183.	553.	1	1820.	0.00330	0.00	0.00	0.	10	12	B98	0.05
15031 3918D	0.	0.	183.	381.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CALLEGUA. 990														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IMPV	
15031 3919D	0.	0.	183.	381.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3920CD	183.	381.	334.	575.	1	1300.	0.00400	0.00	0.00	0.	10	0	B98	0.00
15031 3921B	58.	179.	58.	179.	1	490.	0.00100	0.00	0.00	0.	10	11	B98	0.00
15031 3922B	0.	0.	58.	139.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3923B	77.	171.	135.	268.	1	120.	0.00100	0.00	0.00	0.	30	15	B98	0.00
15031 3924B	0.	0.	135.	264.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IMPV	
15031 3925B	41.	134.	176.	346.	1	2000.	0.00100	0.00	0.00	0.	10	10	B98	0.00
15031 3926C	42.	128.	376.	529.	1	1810.	0.00100	0.00	0.00	0.	30	10	B98	0.35
15031 3927C	49.	126.	425.	436.	1	2650.	0.00260	0.00	0.00	0.	30	12	B98	0.05
15031 3928C	106.	218.	531.	387.	0	0.	0.00000	0.00	0.00	0.	30	17	B98	0.00
15031 3929B	54.	167.	230.	212.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00

* CONFLUENCE Q'S *
* 15031 3930B TB 1155 QB 212. QBC 548. QC 336. 15031 3930C TC 1225 QC 387. QCB 514. QB 127. *
* 15031 3930BC TBC 1155 QBC 548. QB 212. QC 336. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IMPV	
15031 3930BC	531.	387.	761.	548.	1	2410.	0.00100	0.00	0.00	0.	10	0	B98	0.00
15031 3931D	80.	196.	80.	196.	1	4200.	0.00590	0.00	0.00	0.	30	13	B98	0.05
15031 3932D	131.	259.	211.	271.	0	0.	0.00000	0.00	0.00	0.	30	18	B98	0.00

* CONFLUENCE Q'S *
* 15031 3933B TB 1254 QB 481. QBD 504. QD 23. 15031 3933D TD 1156 QD 271. QDB 431. QB 160. *
* 15031 3933BD TBD 1252 QBD 504. QB 480. QD 24. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IMPV	
15031 3933BD	211.	271.	972.	504.	1	1150.	0.00100	0.00	0.00	0.	30	0	B98	0.00
15031 3934B	56.	173.	1028.	506.	1	1080.	0.00100	0.00	0.00	0.	10	11	B98	0.00
15031 3935C	77.	200.	77.	200.	1	2500.	0.00200	0.00	0.00	0.	30	12	B98	0.10
15031 3936C	109.	243.	186.	256.	1	2350.	0.00150	0.00	0.00	0.	30	15	B98	0.00
15031 3937C	105.	234.	291.	253.	0	0.	0.00000	0.00	0.00	0.	30	15	B98	0.00

* CONFLUENCE Q'S *
* 15031 3938B TB 1286 QB 501. QBC 549. QC 48. 15031 3938C TC 1155 QC 253. QCB 435. QB 182. *
* 15031 3938BC TBC 1281 QBC 550. QB 499. QC 51. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IMPV	
15031 3938BC	291.	253.	1319.	550.	1	1350.	0.00100	0.00	0.00	0.	30	0	B98	0.00
15031 3939D	114.	234.	114.	234.	1	2600.	0.00150	0.00	0.00	0.	30	17	B98	0.00
15031 3940D	161.	319.	275.	327.	1	2100.	0.00150	0.00	0.00	0.	30	18	B98	0.00
15031 3941D	141.	279.	416.	307.	0	0.	0.00000	0.00	0.00	0.	30	18	B98	0.00

* CONFLUENCE Q'S *
* 15031 3942B TB 1300 QB 545. QBD 594. QD 48. 15031 3942D TD 1157 QD 307. QDB 500. QB 194. *
* 15031 3942BD TBD 1241 QBD 606. QB 503. QD 103. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT	
AREA	Q	AREA	Q	TYPE	LN	SLO	SI	Z	Q	NAME	TC	ZONE	IMPV	
15031 3942BD	416.	307.	1735.	606.	1	1400.	0.00100	0.00	0.00	0.	30	0	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUA. 990
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT
AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV

 * CONFLUENCE Q' S *
 * 15031 3943A TA 1280 QA 90876. QAB 91470. QB 594. 15031 3943B TB 1259 QB 602. QBA 79281. QA 78679. *
 * 15031 3943AB TAB 1280 QAB 91470. QA 90876. QB 594. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT
AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV
15031 3943AB	1735.	602.	164032.	91470.	5	4200.	0.00190	291.00	0.00	0.	10	0	B98 0.00
15031 3944B	53.	152.	53.	152.	1	1440.	0.07290	0.00	0.00	0.	20	11	B98 0.00
15031 3945B	31.	94.	84.	225.	0	0.	0.00000	0.00	0.00	0.	20	10	B98 0.00
15031 3946B	44.	136.	128.	350.	1	450.	0.15500	0.00	0.00	0.	10	11	B98 0.00
15031 3947B	53.	155.	181.	497.	1	920.	0.04890	0.00	0.00	0.	10	12	B98 0.00
15031 3948B	30.	98.	211.	574.	0	0.	0.00000	0.00	0.00	0.	10	10	B98 0.00
15031 3949C	46.	150.	46.	150.	1	1300.	0.07690	0.00	0.00	0.	10	10	B98 0.00
15031 3950C	0.	0.	46.	141.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031 3951C	0.	0.	46.	141.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031 3952C	25.	86.	71.	217.	0	0.	0.00000	0.00	0.00	0.	10	9	B98 0.00

 * CONFLUENCE Q' S *
 * 15031 3953B TB 1158 QB 574. QBC 783. QC 209. 15031 3953C TC 1157 QC 217. QCB 777. QB 560. *
 * 15031 3953BC TBC 1158 QBC 783. QB 574. QC 209. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT
AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV
15031 3953BC	71.	217.	282.	783.	1	285.	0.03510	0.00	0.00	0.	10	0	B98 0.00
15031 3954B	23.	75.	305.	846.	1	320.	0.05000	0.00	0.00	0.	10	10	B98 0.00
15031 3955B	43.	133.	348.	958.	1	600.	0.03670	0.00	0.00	0.	10	11	B98 0.00
15031 3956B	0.	0.	348.	950.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031 3957B	27.	88.	375.	1010.	1	730.	0.10960	0.00	0.00	0.	10	10	B98 0.00
15031 3958B	0.	0.	375.	1005.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031 3959B	36.	111.	411.	1091.	1	100.	0.04000	0.00	0.00	0.	10	11	B98 0.00
15031 3960B	0.	0.	411.	1090.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031 3961B	22.	72.	433.	1137.	1	230.	0.04000	0.00	0.00	0.	10	10	B98 0.00
15031 3962B	66.	193.	499.	1304.	1	660.	0.02270	0.00	0.00	0.	10	12	B98 0.00
15031 3963B	18.	66.	517.	1301.	1	170.	0.02000	0.00	0.00	0.	10	8	B98 0.00
15031 3964B	56.	164.	573.	1415.	1	85.	0.02000	0.00	0.00	0.	10	12	B98 0.05
15031 3965B	38.	110.	611.	1483.	1	440.	0.04550	0.00	0.00	0.	20	11	B98 0.05
15031 3966B	39.	112.	650.	1549.	1	580.	0.01720	0.00	0.00	0.	20	11	B98 0.05
15031 3967B	0.	0.	650.	1539.	0	0.	0.00000	0.00	0.00	0.	20	99	B98 0.00
15031 3968B	20.	69.	670.	1551.	0	0.	0.00000	0.00	0.00	0.	20	8	B98 0.05
15031 3969B	49.	141.	719.	1631.	1	265.	0.01500	0.00	0.00	0.	20	11	B98 0.05
15031 3970B	0.	0.	719.	1618.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
15031 3971B	42.	137.	761.	1667.	1	700.	0.02000	0.00	0.00	0.	10	10	B98 0.03
15031 3972B	60.	163.	821.	1756.	0	0.	0.00000	0.00	0.00	0.	20	12	B98 0.03
15031 3973C	46.	142.	46.	142.	1	1650.	0.03640	0.00	0.00	0.	10	11	B98 0.00
15031 3974C	38.	124.	84.	216.	0	0.	0.00000	0.00	0.00	0.	10	10	B98 0.05

 VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT
AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SI ZE	Z	Q	NAME	TC	ZONE	IMPV

 * CONFLUENCE Q' S *
 * 15031 3975B TB 1163 QB 1756. QBC 1913. QC 157. 15031 3975C TC 1158 QC 216. QCB 1713. QB 1497. *
 * 15031 3975BC TBC 1163 QBC 1913. QB 1756. QC 157. *

SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAI	PCT
---------	---------	-------	-------	------	------	------	------	------	------	---------	------	-----	-----

CALLEGUA. 990														
LOCATION	AREA	Q	AREA	Q	TYPE	LNPTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
15031 3975BC	84.	216.	905.	1913.	1	930.	0.02150	0.00	0.00	0.	30	0	B98	0.00
15031 3976B	43.	141.	948.	1935.	1	475.	0.02110	0.00	0.00	0.	10	10	B98	0.00
15031 3977B	59.	150.	1007.	1989.	1	550.	0.01820	0.00	0.00	0.	30	12	B98	0.00
15031 3978B	30.	86.	1037.	1990.	1	1080.	0.02000	0.00	0.00	0.	30	10	B98	0.00
15031 3979B	0.	0.	1037.	1971.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
15031 3980D	0.	0.	0.	307.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
15031 3981D	41.	127.	41.	127.	1	2130.	0.01880	0.00	0.00	0.	10	11	B98	0.00
15031 3982D	30.	86.	71.	128.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.00
15031 3983D	32.	93.	103.	211.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.05
15031 3984B	64.	163.	1101.	1995.	0	0.	0.00000	0.00	0.00	0.	30	12	B98	0.00
15031 3985B	111.	299.	1212.	2124.	0	0.	0.00000	0.00	0.00	0.	10	14	B98	0.05
15031 3986B	60.	168.	1272.	2192.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.05

* CONFLUENCE Q' S *
* 15031 3987B TB 1164 QB 2192. QBD 2317. QD 126. 15031 3987D TD 1154 QD 211. QDB 1717. QB 1506. *
* 15031 3987BD TBD 1164 QBD 2317. QB 2192. QD 126. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3987BD	103.	211.	1375.	2317.	1	500.	0.00600	0.00	0.00	0.	10	0	B98	0.00
15031 3988B	94.	212.	1469.	2436.	1	830.	0.00500	0.00	0.00	0.	30	15	B98	0.05
15031 3989C	51.	157.	51.	157.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031 3990C	86.	252.	137.	409.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031 3991C	109.	270.	246.	679.	1	4300.	0.05260	0.00	0.00	0.	20	14	B98	0.00
15031 3992C	64.	152.	310.	642.	0	0.	0.00000	0.00	0.00	0.	50	11	B98	0.05

* CONFLUENCE Q' S *
* 15031 3993B TB 1168 QB 2408. QBC 2946. QC 537. 15031 3993C TC 1162 QC 642. QCB 2717. QB 2075. *
* 15031 3993BC TBC 1167 QBC 2957. QB 2394. QC 563. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3993BC	310.	642.	1779.	2957.	1	500.	0.00500	0.00	0.00	0.	10	0	B98	0.00
15031 3994B	67.	162.	1846.	2970.	1	1020.	0.00500	0.00	0.00	0.	30	13	B98	0.00
15031 3995B	61.	141.	1907.	2941.	0	0.	0.00000	0.00	0.00	0.	30	14	B98	0.00
15031 3996D	65.	190.	65.	190.	1	1790.	0.05600	0.00	0.00	0.	10	12	B98	0.00
15031 3997D	124.	243.	189.	400.	0	0.	0.00000	0.00	0.00	0.	50	15	B98	0.05
15031 3998D	54.	167.	243.	549.	1	1720.	0.02600	0.00	0.00	0.	10	11	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----	-----------	----------

* CONFLUENCE Q' S *
* 15031 3999B TB 1173 QB 2941. QBD 3202. QD 261. 15031 3999D TD 1163 QD 519. QDB 2676. QB 2157. *
* 15031 3999BD TBD 1171 QBD 3246. QB 2915. QD 331. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNPTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
15031 3999BD	243.	519.	2150.	3246.	1	1750.	0.00500	0.00	0.00	0.	10	0	B98	0.00
15031 4000B	91.	223.	2241.	3150.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.05
15031 4001C	79.	231.	79.	231.	1	2160.	0.11100	0.00	0.00	0.	10	12	B98	0.00
15031 4002C	49.	151.	128.	352.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00
15031 4003D	51.	167.	51.	167.	1	2825.	0.15570	0.00	0.00	0.	10	10	B98	0.00
15031 4004D	85.	249.	136.	373.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.00
15031 4005D	57.	176.	193.	536.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.00

* CONFLUENCE Q' S *
Page 131

CALLEGUA. 990
 * 15031 4006C TC 1159 QC 352. QCD 880. QD 528. 15031 4006D TD 1157 QD 536. QDC 881. QC 345. *
 * 15031 4006CD TCD 1158 QCD 886. QC 351. QD 535. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 4006CD	193.	536.	321.	886.	1	3070.	0.04130	0.00	0.00	0.	10 0	B98	0.00	
15031 4007B	70.	196.	2311.	3174.	1	100.	0.00500	0.00	0.00	0.	10 13	B98	0.00	
15031 4008B	0.	0.	2311.	3173.	0	0.	0.00000	0.00	0.00	0.	10 99	B98	0.00	
15031 4009C	59.	150.	380.	898.	1	2050.	0.00500	0.00	0.00	0.	30 12	B98	0.00	
15031 4010C	72.	176.	452.	736.	0	0.	0.00000	0.00	0.00	0.	30 13	B98	0.03	

CONFLUENCE Q' S
 * 15031 4011B TB 1178 QB 3173. QBC 3861. QC 688. 15031 4011C TC 1174 QC 736. QCB 3773. QB 3038. *
 * 15031 4011BC TBC 1177 QBC 3873. QB 3167. QC 706. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 4011BC	452.	736.	2763.	3873.	1	2140.	0.00500	0.00	0.00	0.	10 0	B98	0.00	
15031 4012B	144.	359.	2907.	3756.	1	500.	0.00500	0.00	0.00	0.	10 16	B98	0.00	
15031 4013D	66.	168.	66.	168.	1	2800.	0.00110	0.00	0.00	0.	30 12	B98	0.00	
15031 4014D	120.	278.	186.	280.	1	350.	0.00110	0.00	0.00	0.	30 14	B98	0.00	

CONFLUENCE Q' S
 * 15031 4015B TB 1187 QB 3749. QBD 3784. QD 36. 15031 4015D TD 1163 QD 254. QDB 2104. QB 1849. *
 * 15031 4015BD TBD 1187 QBD 3784. QB 3749. QD 36. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 4015BD	186.	254.	3093.	3784.	0	0.	0.00000	0.00	0.00	0.	30 0	B98	0.00	
15031 4016AB	3093.	3784.	167125.	91853.	5	1400.	0.00110	380.00	0.00	0.	30 0	B98	0.00	
15031 4017A	28.	64.	167153.	91819.	5	350.	0.00110	400.00	2.00	0.	60 8	B98	0.00	
15031 4018A	42.	144.	167195.	91824.	5	1720.	0.00110	400.00	2.00	0.	10 9	B98	0.00	
15031 4019A	82.	240.	167277.	91801.	5	1275.	0.00110	400.00	2.00	0.	10 12	B98	0.00	
15031 4020A	53.	124.	167330.	91769.	0	0.	0.00000	0.00	0.00	0.	50 11	B98	0.00	

VENTURA COUNTY FLOOD CONTROL DISTRICT
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CALLEGUAS CRK. W/EXI STG. DAMS & INC CONEJO, Q100P, DBT/DL/OR, 11/2002

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 4021B	70.	206.	70.	206.	0	0.	0.00000	0.00	0.00	0.	10 12	B98	0.05	
15031 4022B	54.	167.	124.	372.	0	0.	0.00000	0.00	0.00	0.	10 11	B98	0.00	
15031 4023B	46.	150.	170.	523.	1	2365.	0.07820	0.00	0.00	0.	10 10	B98	0.00	
15031 4024B	39.	91.	209.	568.	0	0.	0.00000	0.00	0.00	0.	50 11	B98	0.00	

CONFLUENCE Q' S
 * 15031 4025A TA 1289 QA 91769. QAB 91796. QB 27. 15031 4025B TB 1159 QB 568. QBA 25109. QA 24541. *
 * 15031 4025AB TAB 1289 QAB 91796. QA 91769. QB 27. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
15031 4025AB	209.	568.	167539.	91796.	5	1500.	0.00110	400.00	2.00	0.	50 0	B98	0.00	
15031 4026C	65.	191.	65.	191.	1	1420.	0.05980	0.00	0.00	0.	10 12	B98	0.05	
15031 4027C	25.	72.	90.	242.	0	0.	0.00000	0.00	0.00	0.	30 10	B98	0.00	

CONFLUENCE Q' S
 * 15031 4028A TA 1291 QA 91771. QAC 91782. QC 11. 15031 4028C TC 1158 QC 242. QCA 24506. QA 24264. *
 * 15031 4028AC TAC 1291 QAC 91782. QA 91771. QC 11. *

LOCATION	SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAI N TC	PCT ZONE	IMPV
----------	--------------	-----------	------------	---------	-----------	------------	------------	-----------	--------	-----------	-----------	----------	----------	------

15031	4028AC	90.	242.	167629.	91782.	5	900.	0.00110	400.00	2.00	0.	30	0	B98	0.00
15031	4029A	79.	203.	167708.	91766.	5	1185.	0.00110	400.00	2.00	0.	30	12	B98	0.05

CALLEGUA. 990

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 ARROYO SIMI AT KUEHNER DR. (HEADWATERS) Q100P (MDP '88)
 HYDROGRAPH AT 15031 22A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	15.	200	16.	300	37.	400	54.
500	61.	600	83.	700	99.	800	118.	900	153.
1000	220.	1050	291.	1100	347.	1110	384.	1120	439.
1130	534.	1131	545.	1132	557.	1133	570.	1134	583.
1135	596.	1136	609.	1137	624.	1138	640.	1139	655.
1140	671.	1141	689.	1142	708.	1143	729.	1144	751.
1145	776.	1146	804.	1147	837.	1148	874.	1149	927.
1150	987.	1151	1040.	1152	1149.	1153	1255.	1154	1370.
1155	1503.	1156	1640.	1157	1774.	1158	1905.	1159	2029.
1160	2146.	1161	2237.	1162	2311.	1163	2378.	1164	2368.
1165	2337.	1166	2286.	1167	2195.	1168	2071.	1169	1936.
1170	1799.	1171	1671.	1172	1548.	1173	1431.	1174	1318.
1175	1212.	1176	1113.	1177	1026.	1178	946.	1179	874.
1180	808.	1181	749.	1182	701.	1183	656.	1184	614.
1185	577.	1186	544.	1187	515.	1188	489.	1189	467.
1190	446.	1191	429.	1192	414.	1193	400.	1194	387.
1195	376.	1196	366.	1197	357.	1198	349.	1199	341.
1200	335.	1201	329.	1202	324.	1203	319.	1204	315.
1205	310.	1206	306.	1207	303.	1208	299.	1209	296.
1210	292.	1211	289.	1212	286.	1213	283.	1214	280.
1215	276.	1216	273.	1217	270.	1218	267.	1219	264.
1220	261.	1221	259.	1222	256.	1223	253.	1224	251.
1225	249.	1226	246.	1227	244.	1228	242.	1229	239.
1230	237.	1231	235.	1232	234.	1233	232.	1234	230.
1235	229.	1236	228.	1237	227.	1238	226.	1239	225.
1240	224.	1241	223.	1242	222.	1243	222.	1244	221.
1245	221.	1246	220.	1247	219.	1248	219.	1249	219.
1250	218.	1251	218.	1252	217.	1253	217.	1254	217.
1255	216.	1256	216.	1257	216.	1258	215.	1259	215.
1260	215.	1261	214.	1262	214.	1263	213.	1264	213.
1265	213.	1266	212.	1267	211.	1268	210.	1269	209.
1270	208.	1271	207.	1272	206.	1273	205.	1274	203.
1275	202.	1276	200.	1277	198.	1278	197.	1279	195.
1280	194.	1281	192.	1282	191.	1283	189.	1284	187.
1285	186.	1286	184.	1287	183.	1288	181.	1289	180.
1290	179.	1291	177.	1292	176.	1293	174.	1294	173.
1295	172.	1296	171.	1297	170.	1298	169.	1299	168.
1300	167.	1310	154.	1320	138.	1330	121.	1340	107.
1350	91.	1360	73.	1370	58.	1380	47.	1390	37.
1400	29.	1420	19.	1440	15.	1460	7.	1500	6.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 INFLOW TO DETENTION BASIN 'A' NORTH W/ AR APPLIED 100P
 HYDROGRAPH AT 15031 53C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	11.	200	11.	300	16.	400	18.
500	18.	600	22.	700	23.	800	28.	900	43.
1000	70.	1050	100.	1100	119.	1110	141.	1120	169.
1130	198.	1131	201.	1132	205.	1133	210.	1134	215.
1135	221.	1136	226.	1137	232.	1138	239.	1139	245.
1140	251.	1141	258.	1142	264.	1143	270.	1144	277.
1145	285.	1146	295.	1147	306.	1148	318.	1149	341.

CALLEGUA. 990

1150	365.	1151	380.	1152	427.	1153	470.	1154	517.
1155	578.	1156	653.	1157	730.	1158	793.	1159	836.
1160	858.	1161	861.	1162	852.	1163	835.	1164	808.
1165	762.	1166	708.	1167	658.	1168	578.	1169	508.
1170	447.	1171	393.	1172	346.	1173	305.	1174	272.
1175	245.	1176	223.	1177	205.	1178	190.	1179	177.
1180	165.	1181	157.	1182	149.	1183	142.	1184	136.
1185	129.	1186	125.	1187	120.	1188	116.	1189	113.
1190	109.	1191	107.	1192	105.	1193	103.	1194	102.
1195	100.	1196	99.	1197	98.	1198	97.	1199	97.
1200	96.	1201	96.	1202	95.	1203	95.	1204	94.
1205	93.	1206	93.	1207	92.	1208	91.	1209	90.
1210	89.	1211	87.	1212	86.	1213	84.	1214	82.
1215	80.	1216	78.	1217	77.	1218	75.	1219	74.
1220	73.	1221	72.	1222	71.	1223	70.	1224	70.
1225	69.	1226	69.	1227	68.	1228	68.	1229	68.
1230	68.	1231	68.	1232	68.	1233	67.	1234	67.
1235	67.	1236	67.	1237	67.	1238	67.	1239	67.
1240	67.	1241	67.	1242	67.	1243	66.	1244	66.
1245	66.	1246	66.	1247	66.	1248	65.	1249	65.
1250	65.	1251	65.	1252	65.	1253	65.	1254	65.
1255	64.	1256	65.	1257	64.	1258	64.	1259	64.
1260	64.	1261	64.	1262	64.	1263	64.	1264	63.
1265	63.	1266	63.	1267	62.	1268	62.	1269	61.
1270	61.	1271	60.	1272	59.	1273	58.	1274	57.
1275	56.	1276	55.	1277	54.	1278	53.	1279	52.
1280	51.	1281	50.	1282	49.	1283	49.	1284	48.
1285	47.	1286	47.	1287	47.	1288	46.	1289	46.
1290	46.	1291	46.	1292	46.	1293	45.	1294	45.
1295	45.	1296	45.	1297	45.	1298	45.	1299	45.
1300	45.	1310	39.	1320	31.	1330	25.	1340	23.
1350	21.	1360	18.	1370	15.	1380	12.	1390	11.
1400	11.	1420	11.	1440	11.	1460	11.	1500	11.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

OUTFLOW FROM DETENTION BASIN 'A' Q-100 P

HYDROGRAPH AT 15031 56B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	9.	200	17.	300	28.	400	40.
500	46.	600	59.	700	71.	800	86.	900	122.
1000	195.	1050	288.	1100	385.	1110	434.	1120	487.
1130	559.	1131	570.	1132	579.	1133	588.	1134	596.
1135	606.	1136	616.	1137	626.	1138	636.	1139	648.
1140	661.	1141	672.	1142	684.	1143	697.	1144	712.
1145	728.	1146	746.	1147	766.	1148	787.	1149	812.
1150	852.	1151	899.	1152	957.	1153	1048.	1154	1145.
1155	1223.	1156	1296.	1157	1361.	1158	1424.	1159	1487.
1160	1530.	1161	1570.	1162	1621.	1163	1665.	1164	1694.
1165	1704.	1166	1695.	1167	1666.	1168	1623.	1169	1571.
1170	1518.	1171	1457.	1172	1396.	1173	1339.	1174	1284.
1175	1227.	1176	1170.	1177	1113.	1178	1060.	1179	1009.
1180	960.	1181	915.	1182	872.	1183	833.	1184	800.
1185	772.	1186	745.	1187	720.	1188	697.	1189	677.
1190	657.	1191	640.	1192	624.	1193	610.	1194	596.
1195	584.	1196	573.	1197	562.	1198	553.	1199	544.
1200	536.	1201	529.	1202	521.	1203	513.	1204	505.
1205	498.	1206	491.	1207	484.	1208	478.	1209	471.
1210	466.	1211	461.	1212	456.	1213	451.	1214	446.
1215	441.	1216	436.	1217	432.	1218	427.	1219	423.
1220	416.	1221	410.	1222	405.	1223	399.	1224	394.

CALLEGUA. 990

1225	388.	1226	383.	1227	379.	1228	374.	1229	369.
1230	364.	1231	360.	1232	356.	1233	352.	1234	349.
1235	345.	1236	341.	1237	338.	1238	334.	1239	331.
1240	324.	1241	318.	1242	312.	1243	308.	1244	303.
1245	299.	1246	296.	1247	293.	1248	291.	1249	289.
1250	287.	1251	284.	1252	283.	1253	281.	1254	279.
1255	278.	1256	276.	1257	275.	1258	273.	1259	271.
1260	270.	1261	269.	1262	268.	1263	266.	1264	265.
1265	264.	1266	262.	1267	260.	1268	259.	1269	257.
1270	256.	1271	254.	1272	252.	1273	250.	1274	249.
1275	247.	1276	244.	1277	242.	1278	240.	1279	238.
1280	237.	1281	234.	1282	232.	1283	231.	1284	228.
1285	226.	1286	224.	1287	222.	1288	221.	1289	219.
1290	217.	1291	215.	1292	213.	1293	212.	1294	210.
1295	208.	1296	207.	1297	206.	1298	204.	1299	203.
1300	202.	1310	190.	1320	173.	1330	155.	1340	141.
1350	128.	1360	116.	1370	104.	1380	93.	1390	84.
1400	77.	1420	66.	1440	60.	1460	54.	1500	50.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

WHITE OAK CHL. PRIOR TO JCT. W/HUMMINGBIRD Q100P
 HYDROGRAPH AT 15031 58B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	6.	200	14.	300	25.	400	37.
500	49.	600	58.	700	73.	800	88.	900	116.
1000	175.	1050	264.	1100	358.	1110	398.	1120	425.
1130	477.	1131	481.	1132	484.	1133	489.	1134	495.
1135	501.	1136	504.	1137	511.	1138	518.	1139	525.
1140	532.	1141	541.	1142	549.	1143	556.	1144	565.
1145	578.	1146	591.	1147	604.	1148	616.	1149	652.
1150	697.	1151	705.	1152	773.	1153	829.	1154	836.
1155	840.	1156	837.	1157	820.	1158	792.	1159	781.
1160	735.	1161	699.	1162	673.	1163	659.	1164	664.
1165	666.	1166	670.	1167	675.	1168	679.	1169	689.
1170	696.	1171	709.	1172	722.	1173	740.	1174	769.
1175	800.	1176	828.	1177	850.	1178	871.	1179	890.
1180	908.	1181	923.	1182	933.	1183	939.	1184	942.
1185	943.	1186	941.	1187	937.	1188	931.	1189	924.
1190	915.	1191	906.	1192	896.	1193	886.	1194	878.
1195	870.	1196	862.	1197	853.	1198	845.	1199	835.
1200	827.	1201	817.	1202	808.	1203	798.	1204	788.
1205	779.	1206	769.	1207	759.	1208	750.	1209	741.
1210	732.	1211	724.	1212	719.	1213	716.	1214	713.
1215	709.	1216	707.	1217	704.	1218	700.	1219	697.
1220	694.	1221	691.	1222	687.	1223	684.	1224	681.
1225	677.	1226	674.	1227	670.	1228	668.	1229	666.
1230	664.	1231	662.	1232	661.	1233	659.	1234	656.
1235	655.	1236	653.	1237	651.	1238	649.	1239	648.
1240	645.	1241	644.	1242	642.	1243	639.	1244	637.
1245	635.	1246	632.	1247	630.	1248	628.	1249	626.
1250	623.	1251	621.	1252	619.	1253	617.	1254	614.
1255	612.	1256	610.	1257	607.	1258	605.	1259	603.
1260	600.	1261	598.	1262	595.	1263	592.	1264	589.
1265	587.	1266	584.	1267	581.	1268	579.	1269	576.
1270	573.	1271	570.	1272	568.	1273	565.	1274	562.
1275	559.	1276	556.	1277	554.	1278	551.	1279	548.
1280	545.	1281	542.	1282	539.	1283	536.	1284	534.
1285	531.	1286	528.	1287	525.	1288	522.	1289	518.
1290	515.	1291	512.	1292	508.	1293	505.	1294	502.
1295	498.	1296	495.	1297	492.	1298	488.	1299	485.

CALLEGUA. 990									
1300	481.	1310	445.	1320	412.	1330	374.	1340	336.
1350	292.	1360	242.	1370	206.	1380	182.	1390	164.
1400	148.	1420	123.	1440	106.	1460	91.	1500	76.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 WHITE OAK CHL. AFTER JCT. W/HUMMINGBIRD Q100P
 HYDROGRAPH AT 15031 87B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	18.	200	26.	300	52.	400	83.
500	104.	600	134.	700	166.	800	200.	900	265.
1000	396.	1050	553.	1100	721.	1110	796.	1120	892.
1130	1034.	1131	1053.	1132	1071.	1133	1089.	1134	1107.
1135	1126.	1136	1145.	1137	1166.	1138	1187.	1139	1210.
1140	1235.	1141	1262.	1142	1289.	1143	1319.	1144	1350.
1145	1385.	1146	1422.	1147	1463.	1148	1509.	1149	1573.
1150	1646.	1151	1717.	1152	1849.	1153	1972.	1154	2110.
1155	2264.	1156	2417.	1157	2567.	1158	2711.	1159	2847.
1160	2977.	1161	3073.	1162	3152.	1163	3239.	1164	3259.
1165	3263.	1166	3257.	1167	3232.	1168	3188.	1169	3125.
1170	3041.	1171	2948.	1172	2848.	1173	2744.	1174	2639.
1175	2537.	1176	2442.	1177	2361.	1178	2283.	1179	2208.
1180	2140.	1181	2077.	1182	2016.	1183	1956.	1184	1899.
1185	1849.	1186	1802.	1187	1753.	1188	1704.	1189	1656.
1190	1609.	1191	1567.	1192	1529.	1193	1492.	1194	1455.
1195	1422.	1196	1390.	1197	1362.	1198	1335.	1199	1310.
1200	1287.	1201	1265.	1202	1244.	1203	1225.	1204	1206.
1205	1187.	1206	1169.	1207	1152.	1208	1135.	1209	1119.
1210	1104.	1211	1089.	1212	1075.	1213	1062.	1214	1051.
1215	1041.	1216	1032.	1217	1024.	1218	1017.	1219	1010.
1220	1003.	1221	996.	1222	990.	1223	984.	1224	977.
1225	971.	1226	964.	1227	958.	1228	952.	1229	946.
1230	940.	1231	935.	1232	930.	1233	926.	1234	921.
1235	917.	1236	913.	1237	909.	1238	905.	1239	902.
1240	898.	1241	894.	1242	891.	1243	887.	1244	884.
1245	880.	1246	877.	1247	874.	1248	870.	1249	867.
1250	864.	1251	861.	1252	857.	1253	854.	1254	851.
1255	849.	1256	846.	1257	843.	1258	840.	1259	837.
1260	835.	1261	832.	1262	829.	1263	826.	1264	823.
1265	820.	1266	817.	1267	814.	1268	811.	1269	807.
1270	804.	1271	800.	1272	797.	1273	793.	1274	789.
1275	785.	1276	781.	1277	777.	1278	773.	1279	769.
1280	765.	1281	761.	1282	756.	1283	752.	1284	748.
1285	743.	1286	739.	1287	735.	1288	730.	1289	726.
1290	721.	1291	716.	1292	711.	1293	707.	1294	702.
1295	697.	1296	692.	1297	687.	1298	683.	1299	678.
1300	673.	1310	624.	1320	574.	1330	522.	1340	469.
1350	410.	1360	345.	1370	291.	1380	249.	1390	219.
1400	195.	1420	156.	1440	130.	1460	107.	1500	86.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 WHITE OAK PRIOR JCT. W/ARROYO SIMI Q-100P
 HYDROGRAPH AT 15031 88B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	21.	200	29.	300	55.	400	87.
500	107.	600	138.	700	169.	800	203.	900	269.
1000	401.	1050	559.	1100	727.	1110	804.	1120	899.
1130	1044.	1131	1062.	1132	1080.	1133	1098.	1134	1117.
1135	1136.	1136	1154.	1137	1176.	1138	1197.	1139	1221.
1140	1246.	1141	1273.	1142	1301.	1143	1331.	1144	1363.

CALLEGUA. 990

1145	1398.	1146	1437.	1147	1478.	1148	1525.	1149	1600.
1150	1689.	1151	1757.	1152	1917.	1153	2051.	1154	2192.
1155	2344.	1156	2494.	1157	2642.	1158	2782.	1159	2904.
1160	3019.	1161	3114.	1162	3166.	1163	3249.	1164	3269.
1165	3272.	1166	3265.	1167	3240.	1168	3195.	1169	3133.
1170	3048.	1171	2955.	1172	2855.	1173	2751.	1174	2645.
1175	2543.	1176	2448.	1177	2367.	1178	2289.	1179	2214.
1180	2146.	1181	2082.	1182	2022.	1183	1962.	1184	1904.
1185	1855.	1186	1807.	1187	1759.	1188	1710.	1189	1661.
1190	1615.	1191	1572.	1192	1535.	1193	1497.	1194	1461.
1195	1427.	1196	1396.	1197	1367.	1198	1341.	1199	1315.
1200	1292.	1201	1270.	1202	1250.	1203	1230.	1204	1211.
1205	1192.	1206	1174.	1207	1157.	1208	1140.	1209	1124.
1210	1109.	1211	1094.	1212	1080.	1213	1067.	1214	1055.
1215	1046.	1216	1037.	1217	1029.	1218	1022.	1219	1015.
1220	1008.	1221	1001.	1222	995.	1223	988.	1224	982.
1225	975.	1226	969.	1227	963.	1228	956.	1229	950.
1230	945.	1231	939.	1232	935.	1233	930.	1234	926.
1235	922.	1236	918.	1237	914.	1238	910.	1239	906.
1240	903.	1241	899.	1242	895.	1243	892.	1244	889.
1245	885.	1246	882.	1247	878.	1248	875.	1249	872.
1250	868.	1251	865.	1252	862.	1253	859.	1254	856.
1255	853.	1256	850.	1257	847.	1258	845.	1259	842.
1260	839.	1261	836.	1262	833.	1263	830.	1264	827.
1265	824.	1266	821.	1267	818.	1268	815.	1269	812.
1270	808.	1271	805.	1272	801.	1273	797.	1274	794.
1275	790.	1276	786.	1277	782.	1278	777.	1279	773.
1280	769.	1281	765.	1282	760.	1283	756.	1284	752.
1285	748.	1286	743.	1287	739.	1288	734.	1289	730.
1290	725.	1291	720.	1292	716.	1293	711.	1294	706.
1295	701.	1296	696.	1297	692.	1298	687.	1299	682.
1300	677.	1310	628.	1320	578.	1330	526.	1340	472.
1350	413.	1360	348.	1370	294.	1380	252.	1390	222.
1400	198.	1420	157.	1440	132.	1460	107.	1500	86.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO SIMI AFTER JCT. W/WHITE OAK CHANNEL Q100P

HYDROGRAPH AT 15031 96A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	68.	200	79.	300	138.	400	199.
500	232.	600	299.	700	358.	800	423.	900	549.
1000	796.	1050	1075.	1100	1346.	1110	1491.	1120	1679.
1130	1993.	1131	2035.	1132	2077.	1133	2122.	1134	2166.
1135	2211.	1136	2255.	1137	2301.	1138	2348.	1139	2399.
1140	2453.	1141	2513.	1142	2577.	1143	2646.	1144	2719.
1145	2802.	1146	2892.	1147	2992.	1148	3102.	1149	3254.
1150	3447.	1151	3643.	1152	3930.	1153	4272.	1154	4637.
1155	5008.	1156	5394.	1157	5780.	1158	6161.	1159	6528.
1160	6855.	1161	7119.	1162	7289.	1163	7395.	1164	7457.
1165	7397.	1166	7311.	1167	7193.	1168	7026.	1169	6823.
1170	6580.	1171	6306.	1172	6012.	1173	5710.	1174	5415.
1175	5126.	1176	4848.	1177	4584.	1178	4343.	1179	4117.
1180	3908.	1181	3721.	1182	3548.	1183	3387.	1184	3238.
1185	3104.	1186	2986.	1187	2877.	1188	2772.	1189	2672.
1190	2578.	1191	2491.	1192	2411.	1193	2339.	1194	2272.
1195	2211.	1196	2154.	1197	2102.	1198	2054.	1199	2010.
1200	1970.	1201	1933.	1202	1898.	1203	1866.	1204	1835.
1205	1806.	1206	1778.	1207	1751.	1208	1725.	1209	1701.
1210	1678.	1211	1655.	1212	1634.	1213	1613.	1214	1593.
1215	1576.	1216	1560.	1217	1545.	1218	1531.	1219	1518.

CALLEGUA. 990

1220	1505.	1221	1493.	1222	1481.	1223	1470.	1224	1459.
1225	1448.	1226	1437.	1227	1426.	1228	1416.	1229	1406.
1230	1396.	1231	1387.	1232	1378.	1233	1370.	1234	1362.
1235	1355.	1236	1348.	1237	1341.	1238	1335.	1239	1329.
1240	1323.	1241	1317.	1242	1312.	1243	1306.	1244	1301.
1245	1296.	1246	1292.	1247	1287.	1248	1283.	1249	1278.
1250	1274.	1251	1270.	1252	1266.	1253	1262.	1254	1258.
1255	1254.	1256	1251.	1257	1247.	1258	1244.	1259	1240.
1260	1237.	1261	1234.	1262	1230.	1263	1226.	1264	1223.
1265	1219.	1266	1215.	1267	1211.	1268	1206.	1269	1202.
1270	1197.	1271	1192.	1272	1187.	1273	1181.	1274	1176.
1275	1170.	1276	1164.	1277	1158.	1278	1151.	1279	1144.
1280	1138.	1281	1131.	1282	1123.	1283	1116.	1284	1109.
1285	1102.	1286	1095.	1287	1088.	1288	1082.	1289	1075.
1290	1068.	1291	1061.	1292	1054.	1293	1047.	1294	1040.
1295	1033.	1296	1027.	1297	1020.	1298	1013.	1299	1007.
1300	1001.	1310	929.	1320	851.	1330	772.	1340	694.
1350	609.	1360	518.	1370	436.	1380	370.	1390	321.
1400	283.	1420	220.	1440	183.	1460	150.	1500	125.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO SIMI PRIOR TO JCT W/STERN'S ST. DRAIN
 HYDROGRAPH AT 15031 124A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	117.	200	124.	300	167.	400	238.
500	282.	600	338.	700	409.	800	474.	900	603.
1000	861.	1050	1131.	1100	1467.	1110	1563.	1120	1703.
1130	1949.	1131	1978.	1132	2008.	1133	2039.	1134	2072.
1135	2107.	1136	2141.	1137	2177.	1138	2215.	1139	2255.
1140	2300.	1141	2349.	1142	2399.	1143	2451.	1144	2505.
1145	2564.	1146	2626.	1147	2691.	1148	2761.	1149	2849.
1150	2951.	1151	3046.	1152	3167.	1153	3294.	1154	3418.
1155	3545.	1156	3688.	1157	3857.	1158	4049.	1159	4276.
1160	4548.	1161	4830.	1162	5149.	1163	5509.	1164	5894.
1165	6274.	1166	6657.	1167	7034.	1168	7385.	1169	7700.
1170	7962.	1171	8162.	1172	8303.	1173	8384.	1174	8412.
1175	8387.	1176	8315.	1177	8200.	1178	8051.	1179	7874.
1180	7675.	1181	7457.	1182	7224.	1183	6978.	1184	6724.
1185	6466.	1186	6212.	1187	5958.	1188	5709.	1189	5470.
1190	5239.	1191	5018.	1192	4810.	1193	4611.	1194	4423.
1195	4245.	1196	4080.	1197	3929.	1198	3786.	1199	3649.
1200	3520.	1201	3402.	1202	3293.	1203	3189.	1204	3088.
1205	2992.	1206	2903.	1207	2821.	1208	2747.	1209	2679.
1210	2613.	1211	2548.	1212	2488.	1213	2430.	1214	2375.
1215	2324.	1216	2276.	1217	2234.	1218	2194.	1219	2156.
1220	2118.	1221	2083.	1222	2048.	1223	2016.	1224	1985.
1225	1955.	1226	1928.	1227	1901.	1228	1876.	1229	1852.
1230	1828.	1231	1807.	1232	1786.	1233	1767.	1234	1748.
1235	1730.	1236	1714.	1237	1699.	1238	1684.	1239	1670.
1240	1656.	1241	1643.	1242	1630.	1243	1617.	1244	1606.
1245	1594.	1246	1583.	1247	1572.	1248	1562.	1249	1552.
1250	1542.	1251	1532.	1252	1524.	1253	1515.	1254	1507.
1255	1499.	1256	1492.	1257	1485.	1258	1479.	1259	1472.
1260	1466.	1261	1460.	1262	1454.	1263	1449.	1264	1443.
1265	1438.	1266	1432.	1267	1427.	1268	1422.	1269	1418.
1270	1413.	1271	1408.	1272	1404.	1273	1399.	1274	1395.
1275	1391.	1276	1386.	1277	1382.	1278	1377.	1279	1373.
1280	1368.	1281	1364.	1282	1359.	1283	1354.	1284	1349.
1285	1344.	1286	1338.	1287	1333.	1288	1327.	1289	1322.
1290	1316.	1291	1310.	1292	1304.	1293	1298.	1294	1292.

CALLEGUA. 990									
1295	1286.	1296	1280.	1297	1273.	1298	1266.	1299	1260.
1300	1253.	1310	1183.	1320	1112.	1330	1036.	1340	956.
1350	878.	1360	802.	1370	720.	1380	639.	1390	563.
1400	495.	1420	394.	1440	321.	1460	257.	1500	185.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 STEARNS ST. DRAIN AT HWY 118 Q100P
 HYDROGRAPH AT 15031 134B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	17.	200	18.	300	20.	400	21.
500	21.	600	23.	700	24.	800	26.	900	34.
1000	53.	1050	82.	1100	103.	1110	130.	1120	150.
1130	197.	1131	204.	1132	209.	1133	216.	1134	223.
1135	229.	1136	234.	1137	241.	1138	248.	1139	256.
1140	264.	1141	274.	1142	284.	1143	297.	1144	308.
1145	323.	1146	340.	1147	358.	1148	377.	1149	413.
1150	461.	1151	504.	1152	583.	1153	657.	1154	737.
1155	797.	1156	826.	1157	846.	1158	875.	1159	847.
1160	834.	1161	828.	1162	804.	1163	762.	1164	724.
1165	681.	1166	633.	1167	594.	1168	563.	1169	534.
1170	504.	1171	474.	1172	445.	1173	417.	1174	390.
1175	365.	1176	339.	1177	313.	1178	286.	1179	259.
1180	236.	1181	215.	1182	195.	1183	179.	1184	164.
1185	152.	1186	141.	1187	132.	1188	125.	1189	118.
1190	113.	1191	109.	1192	105.	1193	102.	1194	99.
1195	96.	1196	94.	1197	92.	1198	91.	1199	89.
1200	88.	1201	87.	1202	86.	1203	84.	1204	83.
1205	81.	1206	80.	1207	78.	1208	77.	1209	75.
1210	73.	1211	72.	1212	70.	1213	69.	1214	67.
1215	66.	1216	66.	1217	65.	1218	64.	1219	63.
1220	63.	1221	62.	1222	61.	1223	60.	1224	60.
1225	59.	1226	58.	1227	58.	1228	57.	1229	56.
1230	56.	1231	55.	1232	55.	1233	54.	1234	54.
1235	54.	1236	53.	1237	53.	1238	53.	1239	52.
1240	52.	1241	52.	1242	52.	1243	51.	1244	51.
1245	51.	1246	51.	1247	51.	1248	51.	1249	50.
1250	50.	1251	50.	1252	50.	1253	50.	1254	50.
1255	50.	1256	50.	1257	49.	1258	49.	1259	49.
1260	49.	1261	49.	1262	49.	1263	49.	1264	48.
1265	48.	1266	48.	1267	48.	1268	48.	1269	48.
1270	47.	1271	47.	1272	47.	1273	47.	1274	47.
1275	46.	1276	46.	1277	46.	1278	46.	1279	45.
1280	45.	1281	44.	1282	44.	1283	43.	1284	43.
1285	43.	1286	42.	1287	42.	1288	41.	1289	41.
1290	40.	1291	40.	1292	39.	1293	39.	1294	39.
1295	38.	1296	38.	1297	38.	1298	38.	1299	38.
1300	38.	1310	35.	1320	32.	1330	28.	1340	25.
1350	22.	1360	20.	1370	19.	1380	18.	1390	18.
1400	17.	1420	16.	1440	16.	1460	14.	1500	14.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 STEARNS ST. DRAIN PRIOR JCT W/ARROYO SIMI Q100P
 HYDROGRAPH AT 15031 145B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	50.	200	53.	300	60.	400	62.
500	64.	600	68.	700	71.	800	75.	900	88.
1000	117.	1050	157.	1100	195.	1110	229.	1120	272.
1130	350.	1131	360.	1132	369.	1133	379.	1134	390.
1135	400.	1136	411.	1137	424.	1138	436.	1139	450.

CALLEGUA. 990

1140	464.	1141	481.	1142	497.	1143	515.	1144	533.
1145	555.	1146	578.	1147	604.	1148	633.	1149	678.
1150	728.	1151	765.	1152	850.	1153	925.	1154	1004.
1155	1100.	1156	1211.	1157	1335.	1158	1468.	1159	1597.
1160	1711.	1161	1781.	1162	1814.	1163	1830.	1164	1777.
1165	1711.	1166	1647.	1167	1578.	1168	1504.	1169	1426.
1170	1342.	1171	1258.	1172	1172.	1173	1091.	1174	1014.
1175	942.	1176	872.	1177	809.	1178	752.	1179	702.
1180	655.	1181	612.	1182	572.	1183	535.	1184	502.
1185	472.	1186	443.	1187	415.	1188	390.	1189	366.
1190	344.	1191	325.	1192	307.	1193	290.	1194	274.
1195	263.	1196	251.	1197	241.	1198	232.	1199	223.
1200	216.	1201	209.	1202	203.	1203	198.	1204	193.
1205	189.	1206	186.	1207	183.	1208	180.	1209	177.
1210	175.	1211	172.	1212	170.	1213	168.	1214	166.
1215	164.	1216	162.	1217	160.	1218	158.	1219	156.
1220	153.	1221	151.	1222	149.	1223	147.	1224	145.
1225	143.	1226	141.	1227	139.	1228	138.	1229	136.
1230	135.	1231	133.	1232	132.	1233	131.	1234	130.
1235	129.	1236	128.	1237	127.	1238	126.	1239	126.
1240	125.	1241	124.	1242	124.	1243	123.	1244	122.
1245	122.	1246	121.	1247	121.	1248	120.	1249	120.
1250	119.	1251	119.	1252	119.	1253	118.	1254	118.
1255	118.	1256	117.	1257	117.	1258	117.	1259	116.
1260	116.	1261	116.	1262	116.	1263	115.	1264	115.
1265	115.	1266	115.	1267	114.	1268	114.	1269	114.
1270	113.	1271	113.	1272	113.	1273	112.	1274	112.
1275	112.	1276	111.	1277	111.	1278	110.	1279	110.
1280	109.	1281	109.	1282	109.	1283	108.	1284	108.
1285	107.	1286	107.	1287	106.	1288	106.	1289	105.
1290	105.	1291	104.	1292	104.	1293	103.	1294	103.
1295	102.	1296	102.	1297	101.	1298	101.	1299	100.
1300	100.	1310	94.	1320	88.	1330	83.	1340	78.
1350	72.	1360	66.	1370	60.	1380	56.	1390	54.
1400	53.	1420	49.	1440	49.	1460	47.	1500	47.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO SIMI AFTER JCT. W/STEARNS ST. DRAIN Q100P

HYDROGRAPH AT 15031 146A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	166.	200	176.	300	227.	400	300.
500	346.	600	406.	700	480.	800	549.	900	691.
1000	979.	1050	1287.	1100	1662.	1110	1792.	1120	1974.
1130	2299.	1131	2338.	1132	2377.	1133	2418.	1134	2462.
1135	2507.	1136	2552.	1137	2600.	1138	2651.	1139	2705.
1140	2765.	1141	2829.	1142	2896.	1143	2965.	1144	3038.
1145	3119.	1146	3204.	1147	3295.	1148	3395.	1149	3527.
1150	3678.	1151	3811.	1152	4016.	1153	4218.	1154	4422.
1155	4645.	1156	4900.	1157	5192.	1158	5517.	1159	5873.
1160	6259.	1161	6611.	1162	6963.	1163	7340.	1164	7671.
1165	7985.	1166	8305.	1167	8612.	1168	8889.	1169	9126.
1170	9304.	1171	9420.	1172	9475.	1173	9475.	1174	9426.
1175	9329.	1176	9187.	1177	9009.	1178	8804.	1179	8575.
1180	8329.	1181	8069.	1182	7796.	1183	7513.	1184	7226.
1185	6938.	1186	6654.	1187	6373.	1188	6098.	1189	5836.
1190	5583.	1191	5343.	1192	5116.	1193	4901.	1194	4697.
1195	4508.	1196	4332.	1197	4170.	1198	4018.	1199	3873.
1200	3736.	1201	3611.	1202	3496.	1203	3386.	1204	3281.
1205	3182.	1206	3089.	1207	3004.	1208	2927.	1209	2856.
1210	2787.	1211	2721.	1212	2658.	1213	2598.	1214	2541.

CALLEGUA. 990

1215	2488.	1216	2438.	1217	2394.	1218	2352.	1219	2311.
1220	2272.	1221	2234.	1222	2198.	1223	2163.	1224	2130.
1225	2098.	1226	2069.	1227	2040.	1228	2013.	1229	1988.
1230	1963.	1231	1940.	1232	1918.	1233	1898.	1234	1878.
1235	1859.	1236	1842.	1237	1826.	1238	1811.	1239	1796.
1240	1781.	1241	1767.	1242	1753.	1243	1740.	1244	1728.
1245	1716.	1246	1704.	1247	1693.	1248	1682.	1249	1671.
1250	1661.	1251	1651.	1252	1642.	1253	1633.	1254	1625.
1255	1617.	1256	1609.	1257	1602.	1258	1595.	1259	1588.
1260	1582.	1261	1576.	1262	1570.	1263	1564.	1264	1558.
1265	1552.	1266	1547.	1267	1542.	1268	1536.	1269	1531.
1270	1526.	1271	1521.	1272	1517.	1273	1512.	1274	1507.
1275	1502.	1276	1497.	1277	1493.	1278	1488.	1279	1483.
1280	1478.	1281	1473.	1282	1467.	1283	1462.	1284	1456.
1285	1451.	1286	1445.	1287	1439.	1288	1433.	1289	1427.
1290	1421.	1291	1414.	1292	1408.	1293	1401.	1294	1395.
1295	1388.	1296	1381.	1297	1374.	1298	1367.	1299	1360.
1300	1353.	1310	1277.	1320	1201.	1330	1119.	1340	1034.
1350	950.	1360	868.	1370	781.	1380	695.	1390	617.
1400	548.	1420	444.	1440	370.	1460	304.	1500	232.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

LAS LLAJAS DAM OUTFLOW Q100 FR VCRAT RUN, 6/97, Y=3. 97"LS
 HYDROGRAPH AT 15031 160B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	13.	300	28.	400	62.
500	110.	600	162.	700	224.	800	310.	900	418.
1000	437.	1050	458.	1100	470.	1110	473.	1120	476.
1130	480.	1131	481.	1132	481.	1133	481.	1134	482.
1135	482.	1136	483.	1137	483.	1138	483.	1139	484.
1140	484.	1141	485.	1142	485.	1143	486.	1144	486.
1145	487.	1146	487.	1147	488.	1148	488.	1149	489.
1150	489.	1151	490.	1152	490.	1153	491.	1154	492.
1155	492.	1156	493.	1157	493.	1158	494.	1159	495.
1160	496.	1161	496.	1162	497.	1163	498.	1164	499.
1165	499.	1166	500.	1167	501.	1168	501.	1169	502.
1170	502.	1171	503.	1172	504.	1173	504.	1174	505.
1175	505.	1176	506.	1177	506.	1178	507.	1179	508.
1180	508.	1181	509.	1182	509.	1183	510.	1184	510.
1185	511.	1186	512.	1187	512.	1188	513.	1189	513.
1190	514.	1191	514.	1192	515.	1193	515.	1194	516.
1195	516.	1196	517.	1197	517.	1198	518.	1199	518.
1200	519.	1201	519.	1202	519.	1203	520.	1204	520.
1205	521.	1206	521.	1207	521.	1208	522.	1209	522.
1210	522.	1211	523.	1212	523.	1213	524.	1214	524.
1215	524.	1216	524.	1217	525.	1218	525.	1219	525.
1220	526.	1221	526.	1222	526.	1223	526.	1224	527.
1225	527.	1226	527.	1227	527.	1228	528.	1229	528.
1230	528.	1231	528.	1232	529.	1233	529.	1234	529.
1235	529.	1236	530.	1237	530.	1238	530.	1239	530.
1240	530.	1241	531.	1242	531.	1243	531.	1244	531.
1245	531.	1246	532.	1247	532.	1248	532.	1249	532.
1250	532.	1251	532.	1252	533.	1253	533.	1254	533.
1255	533.	1256	533.	1257	533.	1258	534.	1259	534.
1260	534.	1261	534.	1262	534.	1263	534.	1264	535.
1265	535.	1266	535.	1267	535.	1268	535.	1269	535.
1270	535.	1271	536.	1272	536.	1273	536.	1274	536.
1275	536.	1276	536.	1277	536.	1278	537.	1279	537.
1280	537.	1281	537.	1282	537.	1283	537.	1284	537.
1285	537.	1286	538.	1287	538.	1288	538.	1289	538.

CALLEGUA. 990									
1290	538.	1291	538.	1292	538.	1293	538.	1294	538.
1295	538.	1296	539.	1297	539.	1298	539.	1299	539.
1300	539.	1310	540.	1320	540.	1330	541.	1340	542.
1350	542.	1360	542.	1370	542.	1380	543.	1390	543.
1400	543.	1420	543.	1440	542.	1460	542.	1500	541.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CHI VO CANYON W/NO DAM, Q 100P W/O AR, FR VCRAT RUN, 6/97, LS
 HYDROGRAPH AT 15031 173C STORM DAY 4 REDUCTI ON FACTOR = 1. 000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	50.	200	58.	300	114.	400	139.
500	163.	600	201.	700	240.	800	292.	900	387.
1000	581.	1050	761.	1100	916.	1110	985.	1120	1060.
1130	1191.	1131	1204.	1132	1218.	1133	1235.	1134	1254.
1135	1272.	1136	1286.	1137	1308.	1138	1330.	1139	1352.
1140	1376.	1141	1405.	1142	1433.	1143	1462.	1144	1494.
1145	1536.	1146	1574.	1147	1614.	1148	1654.	1149	1756.
1150	1861.	1151	1890.	1152	2082.	1153	2201.	1154	2269.
1155	2332.	1156	2401.	1157	2481.	1158	2557.	1159	2629.
1160	2704.	1161	2781.	1162	2850.	1163	2918.	1164	2991.
1165	3051.	1166	3111.	1167	3174.	1168	3244.	1169	3323.
1170	3383.	1171	3450.	1172	3516.	1173	3578.	1174	3576.
1175	3567.	1176	3630.	1177	3521.	1178	3481.	1179	3492.
1180	3502.	1181	3499.	1182	3477.	1183	3444.	1184	3394.
1185	3316.	1186	3233.	1187	3147.	1188	3061.	1189	2968.
1190	2887.	1191	2802.	1192	2718.	1193	2631.	1194	2537.
1195	2455.	1196	2364.	1197	2276.	1198	2191.	1199	2105.
1200	2025.	1201	1946.	1202	1871.	1203	1800.	1204	1732.
1205	1667.	1206	1605.	1207	1548.	1208	1495.	1209	1444.
1210	1396.	1211	1352.	1212	1311.	1213	1272.	1214	1235.
1215	1201.	1216	1169.	1217	1140.	1218	1110.	1219	1083.
1220	1058.	1221	1035.	1222	1011.	1223	988.	1224	969.
1225	950.	1226	933.	1227	916.	1228	902.	1229	888.
1230	875.	1231	862.	1232	850.	1233	839.	1234	827.
1235	818.	1236	808.	1237	797.	1238	788.	1239	780.
1240	771.	1241	763.	1242	754.	1243	747.	1244	741.
1245	733.	1246	725.	1247	721.	1248	715.	1249	708.
1250	703.	1251	697.	1252	692.	1253	687.	1254	681.
1255	677.	1256	673.	1257	668.	1258	664.	1259	661.
1260	656.	1261	652.	1262	647.	1263	642.	1264	638.
1265	635.	1266	629.	1267	625.	1268	622.	1269	618.
1270	613.	1271	609.	1272	605.	1273	602.	1274	598.
1275	593.	1276	590.	1277	587.	1278	581.	1279	577.
1280	574.	1281	570.	1282	566.	1283	562.	1284	558.
1285	555.	1286	551.	1287	548.	1288	547.	1289	544.
1290	540.	1291	537.	1292	536.	1293	532.	1294	529.
1295	526.	1296	524.	1297	521.	1298	517.	1299	514.
1300	512.	1310	467.	1320	422.	1330	380.	1340	347.
1350	299.	1360	248.	1370	212.	1380	179.	1390	154.
1400	133.	1420	100.	1440	76.	1460	60.	1500	50.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LAS LLAJAS CHL AFTER JCT. W/CHI VO(NO DAM)Q100P
 HYDROGRAPH AT 15031 174B STORM DAY 4 REDUCTI ON FACTOR = 1. 000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	52.	200	70.	300	141.	400	200.
500	271.	600	362.	700	462.	800	600.	900	802.
1000	1016.	1050	1212.	1100	1386.	1110	1447.	1120	1531.
1130	1653.	1131	1670.	1132	1684.	1133	1699.	1134	1716.

CALLEGUA. 990

1135	1735.	1136	1753.	1137	1770.	1138	1790.	1139	1812.
1140	1835.	1141	1860.	1142	1888.	1143	1917.	1144	1948.
1145	1984.	1146	2025.	1147	2065.	1148	2105.	1149	2164.
1150	2255.	1151	2338.	1152	2431.	1153	2567.	1154	2686.
1155	2764.	1156	2833.	1157	2909.	1158	2988.	1159	3064.
1160	3138.	1161	3214.	1162	3289.	1163	3359.	1164	3430.
1165	3498.	1166	3561.	1167	3622.	1168	3688.	1169	3760.
1170	3832.	1171	3898.	1172	3966.	1173	4035.	1174	4075.
1175	4078.	1176	4096.	1177	4088.	1178	4027.	1179	3995.
1180	4001.	1181	4008.	1182	4000.	1183	3977.	1184	3940.
1185	3886.	1186	3812.	1187	3729.	1188	3644.	1189	3556.
1190	3469.	1191	3385.	1192	3301.	1193	3217.	1194	3128.
1195	3039.	1196	2953.	1197	2866.	1198	2785.	1199	2702.
1200	2618.	1201	2537.	1202	2459.	1203	2385.	1204	2314.
1205	2247.	1206	2182.	1207	2122.	1208	2065.	1209	2013.
1210	1966.	1211	1922.	1212	1878.	1213	1837.	1214	1798.
1215	1761.	1216	1727.	1217	1695.	1218	1665.	1219	1637.
1220	1610.	1221	1585.	1222	1561.	1223	1538.	1224	1516.
1225	1496.	1226	1478.	1227	1461.	1228	1445.	1229	1431.
1230	1418.	1231	1405.	1232	1392.	1233	1381.	1234	1369.
1235	1358.	1236	1348.	1237	1339.	1238	1329.	1239	1320.
1240	1311.	1241	1303.	1242	1295.	1243	1287.	1244	1280.
1245	1273.	1246	1266.	1247	1259.	1248	1253.	1249	1248.
1250	1242.	1251	1236.	1252	1231.	1253	1226.	1254	1221.
1255	1216.	1256	1211.	1257	1207.	1258	1203.	1259	1199.
1260	1195.	1261	1191.	1262	1187.	1263	1182.	1264	1178.
1265	1174.	1266	1170.	1267	1166.	1268	1161.	1269	1158.
1270	1154.	1271	1150.	1272	1146.	1273	1142.	1274	1138.
1275	1135.	1276	1130.	1277	1127.	1278	1123.	1279	1119.
1280	1115.	1281	1111.	1282	1108.	1283	1104.	1284	1100.
1285	1096.	1286	1093.	1287	1090.	1288	1087.	1289	1085.
1290	1082.	1291	1079.	1292	1076.	1293	1074.	1294	1071.
1295	1068.	1296	1065.	1297	1063.	1298	1060.	1299	1057.
1300	1054.	1310	1013.	1320	968.	1330	927.	1340	894.
1350	849.	1360	798.	1370	759.	1380	727.	1390	700.
1400	679.	1420	646.	1440	621.	1460	603.	1500	591.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

LAS LLAJAS PRIOR TO JCT. W/ARROYO SIMI Q100P(NO DAM ON CHI VO)
 HYDROGRAPH AT 15031 196B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	86.	200	100.	300	166.	400	242.
500	309.	600	409.	700	512.	800	652.	900	865.
1000	1113.	1050	1335.	1100	1585.	1110	1678.	1120	1798.
1130	1983.	1131	2007.	1132	2029.	1133	2054.	1134	2080.
1135	2107.	1136	2133.	1137	2162.	1138	2191.	1139	2221.
1140	2252.	1141	2286.	1142	2322.	1143	2360.	1144	2401.
1145	2447.	1146	2498.	1147	2555.	1148	2615.	1149	2697.
1150	2791.	1151	2886.	1152	3054.	1153	3233.	1154	3427.
1155	3636.	1156	3859.	1157	4091.	1158	4322.	1159	4533.
1160	4693.	1161	4819.	1162	4924.	1163	4923.	1164	4896.
1165	4864.	1166	4822.	1167	4774.	1168	4729.	1169	4695.
1170	4663.	1171	4637.	1172	4615.	1173	4595.	1174	4576.
1175	4557.	1176	4546.	1177	4538.	1178	4536.	1179	4535.
1180	4533.	1181	4527.	1182	4514.	1183	4492.	1184	4462.
1185	4426.	1186	4388.	1187	4353.	1188	4321.	1189	4289.
1190	4253.	1191	4211.	1192	4158.	1193	4094.	1194	4022.
1195	3942.	1196	3858.	1197	3774.	1198	3690.	1199	3608.
1200	3528.	1201	3448.	1202	3366.	1203	3283.	1204	3198.
1205	3113.	1206	3027.	1207	2942.	1208	2862.	1209	2785.

CALLEGUA. 990

1210	2716.	1211	2644.	1212	2571.	1213	2500.	1214	2433.
1215	2372.	1216	2317.	1217	2265.	1218	2215.	1219	2166.
1220	2117.	1221	2071.	1222	2026.	1223	1983.	1224	1943.
1225	1905.	1226	1869.	1227	1836.	1228	1804.	1229	1774.
1230	1746.	1231	1720.	1232	1695.	1233	1671.	1234	1649.
1235	1629.	1236	1609.	1237	1592.	1238	1576.	1239	1562.
1240	1548.	1241	1534.	1242	1521.	1243	1509.	1244	1497.
1245	1486.	1246	1475.	1247	1464.	1248	1454.	1249	1445.
1250	1435.	1251	1427.	1252	1418.	1253	1410.	1254	1402.
1255	1395.	1256	1388.	1257	1381.	1258	1374.	1259	1368.
1260	1363.	1261	1358.	1262	1353.	1263	1348.	1264	1343.
1265	1339.	1266	1335.	1267	1330.	1268	1325.	1269	1321.
1270	1316.	1271	1312.	1272	1307.	1273	1302.	1274	1298.
1275	1293.	1276	1288.	1277	1284.	1278	1279.	1279	1275.
1280	1270.	1281	1266.	1282	1261.	1283	1257.	1284	1253.
1285	1248.	1286	1244.	1287	1239.	1288	1235.	1289	1230.
1290	1226.	1291	1221.	1292	1217.	1293	1212.	1294	1208.
1295	1204.	1296	1199.	1297	1196.	1298	1192.	1299	1188.
1300	1185.	1310	1148.	1320	1104.	1330	1056.	1340	1009.
1350	963.	1360	914.	1370	862.	1380	816.	1390	779.
1400	749.	1420	700.	1440	667.	1460	637.	1500	610.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO SIMI AFTER JCT. W/LAS LLAJAS (ONE DAM) Q100P NO A. R.
 HYDROGRAPH AT 15031 197A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	259.	200	282.	300	395.	400	546.
500	660.	600	819.	700	997.	800	1205.	900	1558.
1000	2092.	1050	2615.	1100	3245.	1110	3457.	1120	3755.
1130	4237.	1131	4301.	1132	4361.	1133	4424.	1134	4491.
1135	4561.	1136	4633.	1137	4706.	1138	4783.	1139	4864.
1140	4949.	1141	5041.	1142	5140.	1143	5244.	1144	5353.
1145	5470.	1146	5599.	1147	5741.	1148	5891.	1149	6067.
1150	6286.	1151	6530.	1152	6816.	1153	7185.	1154	7587.
1155	7993.	1156	8426.	1157	8901.	1158	9418.	1159	9962.
1160	10511.	1161	11046.	1162	11530.	1163	11946.	1164	12310.
1165	12623.	1166	12907.	1167	13180.	1168	13435.	1169	13664.
1170	13855.	1171	13993.	1172	14076.	1173	14102.	1174	14075.
1175	14001.	1176	13882.	1177	13725.	1178	13538.	1179	13327.
1180	13097.	1181	12850.	1182	12584.	1183	12301.	1184	11999.
1185	11687.	1186	11369.	1187	11051.	1188	10739.	1189	10436.
1190	10143.	1191	9858.	1192	9579.	1193	9302.	1194	9027.
1195	8756.	1196	8491.	1197	8234.	1198	7987.	1199	7751.
1200	7526.	1201	7311.	1202	7105.	1203	6907.	1204	6714.
1205	6525.	1206	6340.	1207	6163.	1208	5995.	1209	5836.
1210	5689.	1211	5552.	1212	5418.	1213	5284.	1214	5153.
1215	5028.	1216	4911.	1217	4804.	1218	4704.	1219	4611.
1220	4521.	1221	4434.	1222	4348.	1223	4266.	1224	4187.
1225	4113.	1226	4042.	1227	3975.	1228	3912.	1229	3853.
1230	3796.	1231	3742.	1232	3692.	1233	3644.	1234	3599.
1235	3556.	1236	3516.	1237	3478.	1238	3444.	1239	3411.
1240	3382.	1241	3353.	1242	3325.	1243	3298.	1244	3272.
1245	3248.	1246	3224.	1247	3201.	1248	3179.	1249	3158.
1250	3137.	1251	3117.	1252	3098.	1253	3081.	1254	3063.
1255	3047.	1256	3031.	1257	3016.	1258	3002.	1259	2988.
1260	2975.	1261	2963.	1262	2951.	1263	2939.	1264	2928.
1265	2918.	1266	2907.	1267	2897.	1268	2887.	1269	2878.
1270	2868.	1271	2859.	1272	2849.	1273	2840.	1274	2830.
1275	2821.	1276	2811.	1277	2802.	1278	2793.	1279	2783.
1280	2774.	1281	2764.	1282	2755.	1283	2745.	1284	2735.

CALLEGUA. 990									
1285	2725.	1286	2715.	1287	2705.	1288	2695.	1289	2685.
1290	2674.	1291	2664.	1292	2653.	1293	2642.	1294	2631.
1295	2620.	1296	2609.	1297	2598.	1298	2587.	1299	2576.
1300	2565.	1310	2452.	1320	2334.	1330	2205.	1340	2074.
1350	1943.	1360	1812.	1370	1675.	1380	1542.	1390	1424.
1400	1322.	1420	1165.	1440	1051.	1460	953.	1500	845.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 MEIER CYN WEST FK PRIOR TO JCT W/EAST FK Q-100P
 HYDROGRAPH AT 15031 294D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	4.	300	11.	400	21.
500	27.	600	37.	700	48.	800	60.	900	94.
1000	168.	1050	257.	1100	331.	1110	385.	1120	438.
1130	548.	1131	560.	1132	571.	1133	586.	1134	601.
1135	616.	1136	628.	1137	646.	1138	664.	1139	682.
1140	701.	1141	724.	1142	747.	1143	769.	1144	793.
1145	823.	1146	856.	1147	888.	1148	923.	1149	997.
1150	1073.	1151	1110.	1152	1250.	1153	1358.	1154	1451.
1155	1563.	1156	1696.	1157	1846.	1158	2003.	1159	2139.
1160	2266.	1161	2395.	1162	2432.	1163	2464.	1164	2502.
1165	2463.	1166	2421.	1167	2368.	1168	2296.	1169	2208.
1170	2099.	1171	1988.	1172	1873.	1173	1756.	1174	1640.
1175	1532.	1176	1427.	1177	1328.	1178	1237.	1179	1151.
1180	1076.	1181	1004.	1182	937.	1183	879.	1184	825.
1185	776.	1186	731.	1187	691.	1188	654.	1189	620.
1190	588.	1191	560.	1192	533.	1193	510.	1194	487.
1195	467.	1196	448.	1197	430.	1198	415.	1199	400.
1200	387.	1201	374.	1202	362.	1203	352.	1204	342.
1205	332.	1206	323.	1207	316.	1208	307.	1209	301.
1210	294.	1211	287.	1212	281.	1213	276.	1214	270.
1215	265.	1216	260.	1217	255.	1218	251.	1219	246.
1220	242.	1221	239.	1222	234.	1223	230.	1224	227.
1225	224.	1226	220.	1227	216.	1228	214.	1229	211.
1230	208.	1231	205.	1232	203.	1233	200.	1234	198.
1235	196.	1236	194.	1237	192.	1238	190.	1239	188.
1240	187.	1241	186.	1242	184.	1243	183.	1244	182.
1245	180.	1246	179.	1247	178.	1248	177.	1249	176.
1250	175.	1251	174.	1252	173.	1253	173.	1254	171.
1255	171.	1256	170.	1257	169.	1258	169.	1259	169.
1260	168.	1261	167.	1262	166.	1263	165.	1264	165.
1265	165.	1266	164.	1267	163.	1268	163.	1269	162.
1270	162.	1271	161.	1272	160.	1273	159.	1274	158.
1275	158.	1276	157.	1277	156.	1278	155.	1279	154.
1280	153.	1281	151.	1282	150.	1283	148.	1284	147.
1285	145.	1286	144.	1287	142.	1288	141.	1289	139.
1290	137.	1291	136.	1292	135.	1293	133.	1294	131.
1295	130.	1296	129.	1297	128.	1298	126.	1299	125.
1300	124.	1310	111.	1320	100.	1330	87.	1340	75.
1350	59.	1360	51.	1370	44.	1380	38.	1390	31.
1400	25.	1420	16.	1440	11.	1460	8.	1500	5.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 ARROYO SIMI PRIOR TO JCT W/TAPO CYN CHL. Q100P
 HYDROGRAPH AT 15031 325A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	407.	200	421.	300	495.	400	652.
500	835.	600	1011.	700	1228.	800	1479.	900	1851.
1000	2544.	1050	3129.	1100	3985.	1110	4216.	1120	4480.

CALLEGUA. 990

1130	4842.	1131	4885.	1132	4928.	1133	4972.	1134	5018.
1135	5065.	1136	5116.	1137	5171.	1138	5226.	1139	5282.
1140	5339.	1141	5400.	1142	5463.	1143	5530.	1144	5602.
1145	5678.	1146	5757.	1147	5839.	1148	5927.	1149	6028.
1150	6135.	1151	6248.	1152	6400.	1153	6556.	1154	6729.
1155	6935.	1156	7150.	1157	7367.	1158	7579.	1159	7796.
1160	8030.	1161	8247.	1162	8476.	1163	8714.	1164	8935.
1165	9141.	1166	9351.	1167	9568.	1168	9794.	1169	10032.
1170	10287.	1171	10556.	1172	10826.	1173	11102.	1174	11391.
1175	11697.	1176	12026.	1177	12387.	1178	12779.	1179	13193.
1180	13626.	1181	14085.	1182	14575.	1183	15092.	1184	15613.
1185	16119.	1186	16611.	1187	17090.	1188	17548.	1189	17962.
1190	18322.	1191	18628.	1192	18877.	1193	19068.	1194	19201.
1195	19276.	1196	19295.	1197	19260.	1198	19175.	1199	19044.
1200	18871.	1201	18661.	1202	18419.	1203	18149.	1204	17856.
1205	17544.	1206	17220.	1207	16886.	1208	16546.	1209	16196.
1210	15839.	1211	15478.	1212	15116.	1213	14760.	1214	14411.
1215	14075.	1216	13739.	1217	13403.	1218	13071.	1219	12745.
1220	12430.	1221	12126.	1222	11832.	1223	11545.	1224	11261.
1225	10981.	1226	10707.	1227	10441.	1228	10186.	1229	9946.
1230	9713.	1231	9485.	1232	9263.	1233	9047.	1234	8836.
1235	8631.	1236	8432.	1237	8245.	1238	8066.	1239	7891.
1240	7721.	1241	7555.	1242	7395.	1243	7241.	1244	7092.
1245	6948.	1246	6809.	1247	6675.	1248	6552.	1249	6434.
1250	6321.	1251	6210.	1252	6103.	1253	5998.	1254	5896.
1255	5798.	1256	5702.	1257	5609.	1258	5519.	1259	5434.
1260	5353.	1261	5275.	1262	5200.	1263	5128.	1264	5059.
1265	4997.	1266	4935.	1267	4874.	1268	4815.	1269	4759.
1270	4705.	1271	4655.	1272	4607.	1273	4560.	1274	4515.
1275	4472.	1276	4431.	1277	4391.	1278	4353.	1279	4317.
1280	4282.	1281	4248.	1282	4216.	1283	4185.	1284	4155.
1285	4126.	1286	4098.	1287	4072.	1288	4046.	1289	4022.
1290	3999.	1291	3976.	1292	3954.	1293	3933.	1294	3912.
1295	3891.	1296	3872.	1297	3852.	1298	3834.	1299	3816.
1300	3798.	1310	3642.	1320	3503.	1330	3363.	1340	3220.
1350	3072.	1360	2913.	1370	2749.	1380	2587.	1390	2435.
1400	2277.	1420	1976.	1440	1723.	1460	1503.	1500	1200.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

TAPO CANYON AT CANYON MOUTH Q100 W/LS SUBAREAS RUN, 6/97, DDT/LS
 HYDROGRAPH AT 15031 359B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	437.	200	471.	300	617.	400	744.
500	825.	600	955.	700	1101.	800	1300.	900	1684.
1000	2464.	1050	3198.	1100	3925.	1110	4175.	1120	4512.
1130	4993.	1131	5049.	1132	5105.	1133	5166.	1134	5233.
1135	5305.	1136	5376.	1137	5458.	1138	5543.	1139	5632.
1140	5725.	1141	5827.	1142	5935.	1143	6047.	1144	6160.
1145	6283.	1146	6416.	1147	6560.	1148	6716.	1149	6944.
1150	7220.	1151	7461.	1152	7876.	1153	8298.	1154	8713.
1155	9109.	1156	9493.	1157	9845.	1158	10163.	1159	10466.
1160	10768.	1161	11061.	1162	11375.	1163	11731.	1164	12066.
1165	12428.	1166	12815.	1167	13196.	1168	13557.	1169	13899.
1170	14200.	1171	14455.	1172	14586.	1173	14666.	1174	14758.
1175	14670.	1176	14611.	1177	14651.	1178	14724.	1179	14786.
1180	14818.	1181	14815.	1182	14782.	1183	14707.	1184	14600.
1185	14458.	1186	14280.	1187	14068.	1188	13841.	1189	13593.
1190	13324.	1191	13034.	1192	12725.	1193	12419.	1194	12104.
1195	11786.	1196	11467.	1197	11149.	1198	10835.	1199	10526.
1200	10224.	1201	9926.	1202	9634.	1203	9348.	1204	9070.

CALLEGUA. 990

1205	8801.	1206	8542.	1207	8292.	1208	8052.	1209	7823.
1210	7601.	1211	7389.	1212	7187.	1213	6997.	1214	6812.
1215	6636.	1216	6468.	1217	6308.	1218	6153.	1219	6004.
1220	5863.	1221	5727.	1222	5597.	1223	5472.	1224	5354.
1225	5242.	1226	5136.	1227	5032.	1228	4935.	1229	4843.
1230	4753.	1231	4666.	1232	4581.	1233	4499.	1234	4421.
1235	4346.	1236	4273.	1237	4203.	1238	4137.	1239	4073.
1240	4010.	1241	3952.	1242	3896.	1243	3842.	1244	3790.
1245	3741.	1246	3694.	1247	3648.	1248	3602.	1249	3560.
1250	3519.	1251	3479.	1252	3440.	1253	3403.	1254	3368.
1255	3334.	1256	3302.	1257	3272.	1258	3241.	1259	3213.
1260	3186.	1261	3160.	1262	3135.	1263	3110.	1264	3085.
1265	3061.	1266	3037.	1267	3012.	1268	2987.	1269	2965.
1270	2941.	1271	2917.	1272	2895.	1273	2873.	1274	2851.
1275	2830.	1276	2808.	1277	2787.	1278	2767.	1279	2745.
1280	2725.	1281	2705.	1282	2685.	1283	2665.	1284	2645.
1285	2629.	1286	2613.	1287	2597.	1288	2580.	1289	2565.
1290	2551.	1291	2535.	1292	2520.	1293	2505.	1294	2491.
1295	2476.	1296	2461.	1297	2448.	1298	2436.	1299	2422.
1300	2409.	1310	2239.	1320	2064.	1330	1919.	1340	1780.
1350	1633.	1360	1496.	1370	1362.	1380	1232.	1390	1106.
1400	987.	1420	789.	1440	648.	1460	543.	1500	439.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 SPLIT 10,600 CFS AT WALNUT W/ EXCESS INTO STREETS Q-100P
 HYDROGRAPH AT 15031 360B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	437.	200	467.	300	605.	400	738.
500	818.	600	947.	700	1093.	800	1288.	900	1662.
1000	2425.	1050	3133.	1100	3878.	1110	4077.	1120	4392.
1130	4822.	1131	4873.	1132	4923.	1133	4975.	1134	5030.
1135	5088.	1136	5150.	1137	5216.	1138	5286.	1139	5360.
1140	5440.	1141	5525.	1142	5615.	1143	5710.	1144	5812.
1145	5919.	1146	6031.	1147	6149.	1148	6275.	1149	6412.
1150	6566.	1151	6756.	1152	6981.	1153	7247.	1154	7575.
1155	7958.	1156	8365.	1157	8776.	1158	9176.	1159	9556.
1160	9909.	1161	10241.	1162	10559.	1163	10600.	1164	10600.
1165	10600.	1166	10600.	1167	10600.	1168	10600.	1169	10600.
1170	10600.	1171	10600.	1172	10600.	1173	10600.	1174	10600.
1175	10600.	1176	10600.	1177	10600.	1178	10600.	1179	10600.
1180	10600.	1181	10600.	1182	10600.	1183	10600.	1184	10600.
1185	10600.	1186	10600.	1187	10600.	1188	10600.	1189	10600.
1190	10600.	1191	10600.	1192	10600.	1193	10600.	1194	10600.
1195	10600.	1196	10600.	1197	10600.	1198	10600.	1199	10600.
1200	10600.	1201	10600.	1202	10420.	1203	10127.	1204	9839.
1205	9557.	1206	9281.	1207	9014.	1208	8755.	1209	8505.
1210	8265.	1211	8033.	1212	7810.	1213	7595.	1214	7390.
1215	7194.	1216	7007.	1217	6827.	1218	6656.	1219	6491.
1220	6333.	1221	6181.	1222	6036.	1223	5896.	1224	5763.
1225	5634.	1226	5512.	1227	5395.	1228	5284.	1229	5177.
1230	5075.	1231	4978.	1232	4886.	1233	4796.	1234	4709.
1235	4624.	1236	4542.	1237	4463.	1238	4389.	1239	4316.
1240	4246.	1241	4179.	1242	4114.	1243	4053.	1244	3993.
1245	3936.	1246	3882.	1247	3831.	1248	3781.	1249	3733.
1250	3686.	1251	3640.	1252	3597.	1253	3554.	1254	3513.
1255	3474.	1256	3436.	1257	3400.	1258	3365.	1259	3332.
1260	3300.	1261	3269.	1262	3240.	1263	3212.	1264	3185.
1265	3159.	1266	3135.	1267	3111.	1268	3086.	1269	3062.
1270	3038.	1271	3014.	1272	2990.	1273	2966.	1274	2943.
1275	2920.	1276	2898.	1277	2876.	1278	2854.	1279	2832.

CALLEGUA. 990									
1280	2811.	1281	2790.	1282	2769.	1283	2749.	1284	2728.
1285	2708.	1286	2688.	1287	2669.	1288	2651.	1289	2633.
1290	2616.	1291	2600.	1292	2584.	1293	2569.	1294	2553.
1295	2538.	1296	2523.	1297	2509.	1298	2494.	1299	2479.
1300	2465.	1310	2316.	1320	2143.	1330	1985.	1340	1845.
1350	1702.	1360	1565.	1370	1430.	1380	1300.	1390	1176.
1400	1054.	1420	847.	1440	692.	1460	579.	1500	454.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 OVERFLOW FROM TAPO AT WALNUT IN STREET(WEST SIDE) Q-100P
 HYDROGRAPH AT 15031 360F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	273.	1164	598.
1165	938.	1166	1287.	1167	1652.	1168	2031.	1169	2413.
1170	2784.	1171	3135.	1172	3451.	1173	3706.	1174	3884.
1175	4010.	1176	4071.	1177	4061.	1178	4044.	1179	4064.
1180	4111.	1181	4160.	1182	4192.	1183	4198.	1184	4172.
1185	4111.	1186	4017.	1187	3888.	1188	3724.	1189	3532.
1190	3317.	1191	3081.	1192	2824.	1193	2548.	1194	2258.
1195	1960.	1196	1656.	1197	1348.	1198	1038.	1199	729.
1200	421.	1201	118.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 OVERFLOW FROM TAPO AT WALNUT RTED TO TOWNSHIP(EAST SIDE) Q-100P
 HYDROGRAPH AT 15031 367F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.

CALLEGUA. 990

1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	90.	1162	350.	1163	324.	1164	262.
1165	206.	1166	162.	1167	133.	1168	114.	1169	100.
1170	91.	1171	83.	1172	77.	1173	72.	1174	68.
1175	64.	1176	60.	1177	57.	1178	54.	1179	52.
1180	49.	1181	47.	1182	45.	1183	43.	1184	42.
1185	41.	1186	40.	1187	39.	1188	38.	1189	38.
1190	38.	1191	38.	1192	38.	1193	38.	1194	37.
1195	37.	1196	37.	1197	37.	1198	37.	1199	37.
1200	37.	1201	37.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 OVERFLOW FROM TAPO AFTER SPLIT AT TOWNSHIP Q-100P

HYDROGRAPH AT 15031 372F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	0.	1164	0.
1165	0.	1166	0.	1167	0.	1168	0.	1169	0.
1170	0.	1171	0.	1172	0.	1173	0.	1174	0.
1175	0.	1176	0.	1177	0.	1178	0.	1179	0.
1180	0.	1181	0.	1182	0.	1183	0.	1184	0.
1185	0.	1186	0.	1187	0.	1188	0.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.

CALLEGUA. 990

1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

JUNCTN. OVERFLOWS BACK INTO TAPO CHL. AT AVENIDA SIMI Q-100P
 HYDROGRAPH AT 15031 376B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	453.	200	482.	300	616.	400	754.
500	835.	600	963.	700	1110.	800	1305.	900	1679.
1000	2446.	1050	3162.	1100	3933.	1110	4142.	1120	4449.
1130	4890.	1131	4941.	1132	4991.	1133	5044.	1134	5102.
1135	5161.	1136	5220.	1137	5283.	1138	5349.	1139	5419.
1140	5494.	1141	5575.	1142	5661.	1143	5755.	1144	5854.
1145	5962.	1146	6079.	1147	6201.	1148	6330.	1149	6482.
1150	6654.	1151	6826.	1152	7053.	1153	7317.	1154	7617.
1155	7949.	1156	8329.	1157	8756.	1158	9207.	1159	9636.
1160	10031.	1161	10399.	1162	10663.	1163	10816.	1164	10867.
1165	10864.	1166	10843.	1167	10814.	1168	10787.	1169	10768.
1170	10749.	1171	10734.	1172	10722.	1173	10711.	1174	10700.
1175	10692.	1176	10685.	1177	10679.	1178	10673.	1179	10666.
1180	10662.	1181	10659.	1182	10656.	1183	10653.	1184	10650.
1185	10648.	1186	10645.	1187	10644.	1188	10643.	1189	10642.
1190	10641.	1191	10640.	1192	10639.	1193	10638.	1194	10638.
1195	10638.	1196	10637.	1197	10637.	1198	10636.	1199	10636.
1200	10636.	1201	10635.	1202	10626.	1203	10576.	1204	10443.
1205	10221.	1206	9953.	1207	9676.	1208	9402.	1209	9136.
1210	8876.	1211	8628.	1212	8387.	1213	8157.	1214	7933.
1215	7718.	1216	7511.	1217	7314.	1218	7126.	1219	6947.
1220	6776.	1221	6612.	1222	6453.	1223	6300.	1224	6153.
1225	6012.	1226	5876.	1227	5747.	1228	5625.	1229	5511.
1230	5399.	1231	5290.	1232	5186.	1233	5087.	1234	4992.
1235	4901.	1236	4812.	1237	4727.	1238	4644.	1239	4563.
1240	4487.	1241	4415.	1242	4345.	1243	4277.	1244	4211.
1245	4147.	1246	4087.	1247	4029.	1248	3973.	1249	3920.
1250	3869.	1251	3820.	1252	3772.	1253	3725.	1254	3680.
1255	3637.	1256	3595.	1257	3555.	1258	3516.	1259	3478.
1260	3442.	1261	3408.	1262	3374.	1263	3342.	1264	3312.
1265	3282.	1266	3254.	1267	3227.	1268	3201.	1269	3176.
1270	3153.	1271	3129.	1272	3104.	1273	3079.	1274	3054.

CALLEGUA. 990									
1275	3030.	1276	3006.	1277	2982.	1278	2958.	1279	2935.
1280	2913.	1281	2891.	1282	2869.	1283	2848.	1284	2827.
1285	2806.	1286	2786.	1287	2765.	1288	2745.	1289	2725.
1290	2706.	1291	2688.	1292	2670.	1293	2653.	1294	2637.
1295	2621.	1296	2605.	1297	2590.	1298	2575.	1299	2560.
1300	2545.	1310	2396.	1320	2229.	1330	2061.	1340	1917.
1350	1773.	1360	1634.	1370	1500.	1380	1368.	1390	1243.
1400	1121.	1420	909.	1440	744.	1460	618.	1500	476.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 OVERFLOW FROM TAPO AFTER SPLIT AT AVENIDA SIMI Q-100P
 HYDROGRAPH AT 15031 378F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	0.	1164	0.
1165	0.	1166	0.	1167	0.	1168	0.	1169	0.
1170	0.	1171	0.	1172	0.	1173	0.	1174	0.
1175	0.	1176	0.	1177	0.	1178	0.	1179	0.
1180	0.	1181	0.	1182	0.	1183	0.	1184	0.
1185	0.	1186	0.	1187	0.	1188	0.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.
1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 OVERFLOW UPSTREAM OF HWY 118 AFTER SPLIT AT ALAMO Q-100P
 HYDROGRAPH AT 15031 388F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.

CALLEGUA. 990

500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	282.	1158	729.	1159	1169.
1160	1594.	1161	1924.	1162	2193.	1163	2361.	1164	2408.
1165	2367.	1166	2293.	1167	2216.	1168	2149.	1169	2093.
1170	2044.	1171	2004.	1172	1967.	1173	1931.	1174	1900.
1175	1872.	1176	1847.	1177	1826.	1178	1807.	1179	1792.
1180	1778.	1181	1767.	1182	1758.	1183	1750.	1184	1742.
1185	1735.	1186	1730.	1187	1725.	1188	1721.	1189	1718.
1190	1716.	1191	1713.	1192	1711.	1193	1709.	1194	1708.
1195	1707.	1196	1706.	1197	1705.	1198	1704.	1199	1703.
1200	1702.	1201	1702.	1202	1698.	1203	1675.	1204	1601.
1205	1447.	1206	1220.	1207	954.	1208	680.	1209	409.
1210	145.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

TAPO CYN AT HWY 118 W/SPLITS OF CAPACITY AT XINGS Q100P
 HYDROGRAPH AT 15031 390B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	483.	200	512.	300	645.	400	786.
500	870.	600	998.	700	1148.	800	1341.	900	1714.
1000	2482.	1050	3206.	1100	4000.	1110	4227.	1120	4535.
1130	4998.	1131	5052.	1132	5106.	1133	5163.	1134	5221.
1135	5282.	1136	5343.	1137	5409.	1138	5478.	1139	5550.
1140	5626.	1141	5709.	1142	5797.	1143	5890.	1144	5989.
1145	6100.	1146	6223.	1147	6352.	1148	6491.	1149	6666.
1150	6864.	1151	7054.	1152	7335.	1153	7626.	1154	7937.
1155	8278.	1156	8652.	1157	8987.	1158	9168.	1159	9184.
1160	9156.	1161	9154.	1162	9091.	1163	9056.	1164	9048.
1165	9039.	1166	9033.	1167	9028.	1168	9025.	1169	9026.
1170	9021.	1171	9021.	1172	9020.	1173	9019.	1174	9017.
1175	9017.	1176	9016.	1177	9016.	1178	9016.	1179	9015.
1180	9015.	1181	9015.	1182	9015.	1183	9015.	1184	9014.
1185	9014.	1186	9014.	1187	9014.	1188	9015.	1189	9015.
1190	9014.	1191	9014.	1192	9014.	1193	9014.	1194	9014.

CALLEGUA. 990

1195	9014.	1196	9014.	1197	9014.	1198	9014.	1199	9014.
1200	9014.	1201	9014.	1202	9014.	1203	9014.	1204	9014.
1205	9013.	1206	9013.	1207	9013.	1208	9013.	1209	9013.
1210	9012.	1211	8985.	1212	8871.	1213	8666.	1214	8431.
1215	8202.	1216	7983.	1217	7771.	1218	7567.	1219	7371.
1220	7184.	1221	7007.	1222	6837.	1223	6676.	1224	6521.
1225	6370.	1226	6223.	1227	6082.	1228	5947.	1229	5819.
1230	5697.	1231	5581.	1232	5470.	1233	5365.	1234	5264.
1235	5165.	1236	5070.	1237	4978.	1238	4889.	1239	4803.
1240	4720.	1241	4640.	1242	4563.	1243	4490.	1244	4419.
1245	4351.	1246	4285.	1247	4221.	1248	4162.	1249	4105.
1250	4049.	1251	3995.	1252	3944.	1253	3895.	1254	3846.
1255	3800.	1256	3754.	1257	3710.	1258	3668.	1259	3627.
1260	3588.	1261	3550.	1262	3513.	1263	3477.	1264	3443.
1265	3411.	1266	3379.	1267	3349.	1268	3320.	1269	3292.
1270	3266.	1271	3240.	1272	3215.	1273	3193.	1274	3169.
1275	3144.	1276	3119.	1277	3095.	1278	3070.	1279	3046.
1280	3022.	1281	2999.	1282	2976.	1283	2954.	1284	2932.
1285	2911.	1286	2889.	1287	2868.	1288	2848.	1289	2827.
1290	2807.	1291	2787.	1292	2768.	1293	2749.	1294	2731.
1295	2713.	1296	2697.	1297	2681.	1298	2665.	1299	2649.
1300	2634.	1310	2480.	1320	2320.	1330	2149.	1340	1999.
1350	1851.	1360	1708.	1370	1576.	1380	1441.	1390	1315.
1400	1192.	1420	973.	1440	805.	1460	660.	1500	507.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

TAPO CYN SPLIT W/CAPACITY 3800 CFS REST TO SEQUOIA Q-100P
 HYDROGRAPH AT 15031 392B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	483.	200	511.	300	641.	400	784.
500	869.	600	995.	700	1146.	800	1337.	900	1708.
1000	2469.	1050	3184.	1100	3800.	1110	3800.	1120	3800.
1130	3800.	1131	3800.	1132	3800.	1133	3800.	1134	3800.
1135	3800.	1136	3800.	1137	3800.	1138	3800.	1139	3800.
1140	3800.	1141	3800.	1142	3800.	1143	3800.	1144	3800.
1145	3800.	1146	3800.	1147	3800.	1148	3800.	1149	3800.
1150	3800.	1151	3800.	1152	3800.	1153	3800.	1154	3800.
1155	3800.	1156	3800.	1157	3800.	1158	3800.	1159	3800.
1160	3800.	1161	3800.	1162	3800.	1163	3800.	1164	3800.
1165	3800.	1166	3800.	1167	3800.	1168	3800.	1169	3800.
1170	3800.	1171	3800.	1172	3800.	1173	3800.	1174	3800.
1175	3800.	1176	3800.	1177	3800.	1178	3800.	1179	3800.
1180	3800.	1181	3800.	1182	3800.	1183	3800.	1184	3800.
1185	3800.	1186	3800.	1187	3800.	1188	3800.	1189	3800.
1190	3800.	1191	3800.	1192	3800.	1193	3800.	1194	3800.
1195	3800.	1196	3800.	1197	3800.	1198	3800.	1199	3800.
1200	3800.	1201	3800.	1202	3800.	1203	3800.	1204	3800.
1205	3800.	1206	3800.	1207	3800.	1208	3800.	1209	3800.
1210	3800.	1211	3800.	1212	3800.	1213	3800.	1214	3800.
1215	3800.	1216	3800.	1217	3800.	1218	3800.	1219	3800.
1220	3800.	1221	3800.	1222	3800.	1223	3800.	1224	3800.
1225	3800.	1226	3800.	1227	3800.	1228	3800.	1229	3800.
1230	3800.	1231	3800.	1232	3800.	1233	3800.	1234	3800.
1235	3800.	1236	3800.	1237	3800.	1238	3800.	1239	3800.
1240	3800.	1241	3800.	1242	3800.	1243	3800.	1244	3800.
1245	3800.	1246	3800.	1247	3800.	1248	3800.	1249	3800.
1250	3800.	1251	3800.	1252	3800.	1253	3800.	1254	3800.
1255	3800.	1256	3800.	1257	3768.	1258	3724.	1259	3681.
1260	3640.	1261	3600.	1262	3561.	1263	3524.	1264	3488.
1265	3454.	1266	3421.	1267	3389.	1268	3359.	1269	3329.

CALLEGUA. 990									
1270	3301.	1271	3274.	1272	3248.	1273	3223.	1274	3200.
1275	3177.	1276	3152.	1277	3128.	1278	3103.	1279	3079.
1280	3055.	1281	3031.	1282	3008.	1283	2985.	1284	2962.
1285	2940.	1286	2919.	1287	2897.	1288	2876.	1289	2855.
1290	2835.	1291	2815.	1292	2795.	1293	2775.	1294	2756.
1295	2738.	1296	2720.	1297	2703.	1298	2687.	1299	2671.
1300	2655.	1310	2502.	1320	2345.	1330	2174.	1340	2020.
1350	1874.	1360	1729.	1370	1597.	1380	1463.	1390	1335.
1400	1214.	1420	992.	1440	819.	1460	676.	1500	511.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 OVERFLOW AT SEQUOIA AFTER SPLIT OF 3800 CAP. Q100P
 HYDROGRAPH AT 15031 392F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	181.	1110	395.	1120	696.
1130	1136.	1131	1190.	1132	1243.	1133	1298.	1134	1354.
1135	1413.	1136	1473.	1137	1534.	1138	1599.	1139	1668.
1140	1739.	1141	1815.	1142	1897.	1143	1984.	1144	2076.
1145	2175.	1146	2286.	1147	2410.	1148	2542.	1149	2687.
1150	2856.	1151	3044.	1152	3256.	1153	3512.	1154	3806.
1155	4128.	1156	4474.	1157	4828.	1158	5133.	1159	5315.
1160	5368.	1161	5362.	1162	5340.	1163	5300.	1164	5265.
1165	5249.	1166	5240.	1167	5234.	1168	5229.	1169	5226.
1170	5225.	1171	5222.	1172	5221.	1173	5220.	1174	5219.
1175	5217.	1176	5217.	1177	5216.	1178	5216.	1179	5215.
1180	5215.	1181	5215.	1182	5215.	1183	5215.	1184	5215.
1185	5214.	1186	5214.	1187	5214.	1188	5214.	1189	5215.
1190	5215.	1191	5214.	1192	5214.	1193	5214.	1194	5214.
1195	5214.	1196	5214.	1197	5214.	1198	5214.	1199	5214.
1200	5214.	1201	5214.	1202	5214.	1203	5214.	1204	5214.
1205	5214.	1206	5213.	1207	5213.	1208	5213.	1209	5213.
1210	5213.	1211	5206.	1212	5164.	1213	5052.	1214	4866.
1215	4643.	1216	4415.	1217	4195.	1218	3983.	1219	3783.
1220	3590.	1221	3406.	1222	3227.	1223	3057.	1224	2894.
1225	2737.	1226	2586.	1227	2439.	1228	2300.	1229	2170.
1230	2043.	1231	1919.	1232	1802.	1233	1690.	1234	1584.
1235	1481.	1236	1382.	1237	1286.	1238	1194.	1239	1107.
1240	1022.	1241	938.	1242	858.	1243	781.	1244	707.
1245	637.	1246	568.	1247	502.	1248	438.	1249	377.
1250	319.	1251	263.	1252	209.	1253	158.	1254	109.
1255	61.	1256	14.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 TAPO CYN AT COCHRAN ST. (OLD 396 & 397C)W/UPS. SPLITS Q-100P
 HYDROGRAPH AT 15031 393B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
------	---	------	---	------	---	------	---	------	---

CALLEGUA. 990									
0	0.	100	483.	200	511.	300	640.	400	783.
500	868.	600	994.	700	1145.	800	1336.	900	1705.
1000	2465.	1050	3185.	1100	3808.	1110	3829.	1120	3827.
1130	3846.	1131	3848.	1132	3850.	1133	3851.	1134	3853.
1135	3855.	1136	3854.	1137	3856.	1138	3858.	1139	3859.
1140	3862.	1141	3866.	1142	3869.	1143	3873.	1144	3877.
1145	3883.	1146	3889.	1147	3895.	1148	3903.	1149	3930.
1150	3958.	1151	3956.	1152	4014.	1153	4040.	1154	4044.
1155	4044.	1156	4043.	1157	4036.	1158	4028.	1159	4020.
1160	4013.	1161	3981.	1162	3949.	1163	3947.	1164	3890.
1165	3856.	1166	3846.	1167	3839.	1168	3834.	1169	3833.
1170	3828.	1171	3826.	1172	3822.	1173	3821.	1174	3820.
1175	3819.	1176	3814.	1177	3814.	1178	3813.	1179	3813.
1180	3812.	1181	3809.	1182	3811.	1183	3809.	1184	3809.
1185	3809.	1186	3808.	1187	3808.	1188	3808.	1189	3808.
1190	3808.	1191	3808.	1192	3808.	1193	3808.	1194	3808.
1195	3808.	1196	3808.	1197	3808.	1198	3808.	1199	3808.
1200	3808.	1201	3807.	1202	3807.	1203	3806.	1204	3806.
1205	3805.	1206	3804.	1207	3803.	1208	3803.	1209	3802.
1210	3801.	1211	3801.	1212	3800.	1213	3801.	1214	3800.
1215	3800.	1216	3800.	1217	3801.	1218	3801.	1219	3800.
1220	3801.	1221	3801.	1222	3801.	1223	3801.	1224	3801.
1225	3801.	1226	3801.	1227	3801.	1228	3801.	1229	3801.
1230	3801.	1231	3801.	1232	3801.	1233	3800.	1234	3800.
1235	3801.	1236	3800.	1237	3800.	1238	3800.	1239	3800.
1240	3800.	1241	3800.	1242	3800.	1243	3800.	1244	3800.
1245	3800.	1246	3800.	1247	3800.	1248	3800.	1249	3800.
1250	3800.	1251	3800.	1252	3800.	1253	3800.	1254	3800.
1255	3800.	1256	3800.	1257	3786.	1258	3750.	1259	3707.
1260	3665.	1261	3624.	1262	3585.	1263	3547.	1264	3510.
1265	3475.	1266	3441.	1267	3409.	1268	3378.	1269	3347.
1270	3319.	1271	3291.	1272	3264.	1273	3239.	1274	3214.
1275	3191.	1276	3167.	1277	3143.	1278	3119.	1279	3094.
1280	3070.	1281	3046.	1282	3022.	1283	2999.	1284	2976.
1285	2954.	1286	2932.	1287	2911.	1288	2889.	1289	2869.
1290	2848.	1291	2827.	1292	2807.	1293	2788.	1294	2768.
1295	2750.	1296	2732.	1297	2714.	1298	2697.	1299	2681.
1300	2665.	1310	2511.	1320	2356.	1330	2186.	1340	2030.
1350	1885.	1360	1739.	1370	1606.	1380	1473.	1390	1344.
1400	1224.	1420	1001.	1440	826.	1460	683.	1500	514.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 WEST LATERAL PRIOR TO JCT. W/TAPO CYN CHL. Q100P
 HYDROGRAPH AT 15031 405C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	42.	200	45.	300	51.	400	52.
500	54.	600	57.	700	60.	800	63.	900	69.
1000	85.	1050	118.	1100	140.	1110	188.	1120	213.
1130	271.	1131	282.	1132	289.	1133	297.	1134	305.
1135	315.	1136	323.	1137	331.	1138	340.	1139	350.
1140	360.	1141	372.	1142	386.	1143	401.	1144	415.
1145	434.	1146	457.	1147	483.	1148	512.	1149	561.
1150	633.	1151	694.	1152	799.	1153	923.	1154	1036.
1155	1128.	1156	1203.	1157	1258.	1158	1295.	1159	1301.
1160	1276.	1161	1240.	1162	1163.	1163	1062.	1164	945.
1165	837.	1166	745.	1167	658.	1168	576.	1169	506.
1170	445.	1171	394.	1172	353.	1173	320.	1174	292.
1175	267.	1176	245.	1177	226.	1178	211.	1179	196.
1180	185.	1181	174.	1182	165.	1183	158.	1184	151.
1185	145.	1186	140.	1187	136.	1188	132.	1189	129.

CALLEGUA. 990									
1190	127.	1191	124.	1192	122.	1193	120.	1194	119.
1195	118.	1196	117.	1197	116.	1198	116.	1199	115.
1200	114.	1201	114.	1202	113.	1203	112.	1204	111.
1205	110.	1206	109.	1207	107.	1208	106.	1209	104.
1210	102.	1211	100.	1212	98.	1213	96.	1214	94.
1215	92.	1216	91.	1217	89.	1218	88.	1219	87.
1220	86.	1221	85.	1222	85.	1223	84.	1224	84.
1225	83.	1226	83.	1227	83.	1228	82.	1229	82.
1230	82.	1231	82.	1232	82.	1233	82.	1234	81.
1235	81.	1236	81.	1237	81.	1238	81.	1239	80.
1240	80.	1241	80.	1242	80.	1243	79.	1244	79.
1245	79.	1246	79.	1247	79.	1248	78.	1249	78.
1250	78.	1251	78.	1252	78.	1253	78.	1254	78.
1255	78.	1256	78.	1257	77.	1258	77.	1259	77.
1260	77.	1261	77.	1262	77.	1263	77.	1264	76.
1265	76.	1266	75.	1267	75.	1268	74.	1269	74.
1270	73.	1271	73.	1272	72.	1273	72.	1274	72.
1275	71.	1276	71.	1277	71.	1278	71.	1279	70.
1280	70.	1281	70.	1282	70.	1283	70.	1284	70.
1285	70.	1286	70.	1287	70.	1288	70.	1289	69.
1290	69.	1291	69.	1292	69.	1293	69.	1294	69.
1295	69.	1296	69.	1297	69.	1298	69.	1299	69.
1300	69.	1310	63.	1320	60.	1330	59.	1340	58.
1350	50.	1360	45.	1370	44.	1380	43.	1390	43.
1400	43.	1420	40.	1440	40.	1460	37.	1500	37.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
OVERFLOW FROM TAPO AT COPLEY ST. W/EXCESS WEST 0-100P
HYDROGRAPH AT 15031 411F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	0.	1164	0.
1165	0.	1166	0.	1167	0.	1168	0.	1169	0.
1170	0.	1171	0.	1172	0.	1173	0.	1174	0.
1175	0.	1176	0.	1177	0.	1178	0.	1179	0.
1180	0.	1181	0.	1182	0.	1183	0.	1184	0.
1185	0.	1186	0.	1187	0.	1188	0.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.
1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.

CALLEGUA. 990

1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 OVERFLOW SO. OF RR TO WEST OF TAPO CHL. Q100P

HYDROGRAPH AT 15031 412F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	0.	1164	0.
1165	0.	1166	0.	1167	0.	1168	0.	1169	0.
1170	0.	1171	0.	1172	0.	1173	0.	1174	0.
1175	0.	1176	0.	1177	0.	1178	0.	1179	0.
1180	0.	1181	0.	1182	0.	1183	0.	1184	0.
1185	0.	1186	0.	1187	0.	1188	0.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.
1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 TAPO CYN PRIOR TO JCT W/ARROYO SIMI Q100P W/LS SUBAREAS

HYDROGRAPH AT 15031 418B STORM DAY 4 REDUCTION FACTOR = 1.000

CALLEGUA. 990									
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	546.	200	575.	300	702.	400	852.
500	943.	600	1069.	700	1223.	800	1414.	900	1777.
1000	2533.	1050	3257.	1100	3846.	1110	3911.	1120	3925.
1130	3966.	1131	3975.	1132	3981.	1133	3988.	1134	3995.
1135	4001.	1136	4004.	1137	4009.	1138	4014.	1139	4019.
1140	4025.	1141	4034.	1142	4044.	1143	4056.	1144	4067.
1145	4082.	1146	4099.	1147	4120.	1148	4141.	1149	4185.
1150	4243.	1151	4284.	1152	4380.	1153	4471.	1154	4548.
1155	4608.	1156	4643.	1157	4655.	1158	4649.	1159	4633.
1160	4588.	1161	4527.	1162	4484.	1163	4386.	1164	4294.
1165	4213.	1166	4144.	1167	4081.	1168	4026.	1169	3985.
1170	3954.	1171	3935.	1172	3923.	1173	3914.	1174	3906.
1175	3896.	1176	3891.	1177	3885.	1178	3881.	1179	3877.
1180	3872.	1181	3870.	1182	3868.	1183	3866.	1184	3865.
1185	3863.	1186	3862.	1187	3861.	1188	3860.	1189	3860.
1190	3860.	1191	3860.	1192	3859.	1193	3859.	1194	3859.
1195	3860.	1196	3859.	1197	3859.	1198	3859.	1199	3859.
1200	3859.	1201	3859.	1202	3858.	1203	3857.	1204	3856.
1205	3855.	1206	3853.	1207	3852.	1208	3850.	1209	3849.
1210	3847.	1211	3846.	1212	3845.	1213	3844.	1214	3843.
1215	3843.	1216	3843.	1217	3843.	1218	3843.	1219	3843.
1220	3843.	1221	3843.	1222	3843.	1223	3843.	1224	3843.
1225	3843.	1226	3843.	1227	3843.	1228	3843.	1229	3843.
1230	3843.	1231	3843.	1232	3843.	1233	3843.	1234	3843.
1235	3843.	1236	3842.	1237	3842.	1238	3842.	1239	3842.
1240	3842.	1241	3841.	1242	3841.	1243	3841.	1244	3841.
1245	3841.	1246	3841.	1247	3841.	1248	3841.	1249	3841.
1250	3841.	1251	3841.	1252	3841.	1253	3841.	1254	3841.
1255	3841.	1256	3841.	1257	3841.	1258	3841.	1259	3841.
1260	3841.	1261	3841.	1262	3840.	1263	3837.	1264	3827.
1265	3809.	1266	3781.	1267	3746.	1268	3708.	1269	3671.
1270	3634.	1271	3598.	1272	3563.	1273	3530.	1274	3498.
1275	3467.	1276	3437.	1277	3409.	1278	3382.	1279	3356.
1280	3331.	1281	3307.	1282	3285.	1283	3262.	1284	3240.
1285	3217.	1286	3193.	1287	3169.	1288	3145.	1289	3122.
1290	3099.	1291	3076.	1292	3054.	1293	3032.	1294	3011.
1295	2990.	1296	2969.	1297	2948.	1298	2928.	1299	2908.
1300	2889.	1310	2713.	1320	2556.	1330	2397.	1340	2232.
1350	2071.	1360	1917.	1370	1774.	1380	1645.	1390	1511.
1400	1388.	1420	1153.	1440	958.	1460	792.	1500	585.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 ARROYO SIMI AFTER JCT W/TAPO CYN CHL Q100P
 HYDROGRAPH AT 15031 419A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	954.	200	996.	300	1194.	400	1499.
500	1772.	600	2075.	700	2447.	800	2887.	900	3619.
1000	5062.	1050	6363.	1100	7803.	1110	8088.	1120	8364.
1130	8751.	1131	8801.	1132	8847.	1133	8897.	1134	8947.
1135	8999.	1136	9049.	1137	9104.	1138	9161.	1139	9221.
1140	9283.	1141	9349.	1142	9419.	1143	9492.	1144	9569.
1145	9654.	1146	9746.	1147	9844.	1148	9946.	1149	10078.
1150	10231.	1151	10377.	1152	10593.	1153	10824.	1154	11056.
1155	11288.	1156	11518.	1157	11740.	1158	11949.	1159	12147.
1160	12322.	1161	12489.	1162	12678.	1163	12813.	1164	12953.
1165	13096.	1166	13241.	1167	13389.	1168	13550.	1169	13735.
1170	13945.	1171	14184.	1172	14440.	1173	14702.	1174	14972.
1175	15251.	1176	15551.	1177	15876.	1178	16237.	1179	16627.
1180	17037.	1181	17469.	1182	17927.	1183	18418.	1184	18937.

CALLEGUA. 990

1185	19457.	1186	19963.	1187	20456.	1188	20937.	1189	21399.
1190	21815.	1191	22174.	1192	22478.	1193	22725.	1194	22915.
1195	23047.	1196	23122.	1197	23140.	1198	23105.	1199	23020.
1200	22889.	1201	22717.	1202	22507.	1203	22264.	1204	21994.
1205	21701.	1206	21389.	1207	21067.	1208	20737.	1209	20401.
1210	20052.	1211	19695.	1212	19334.	1213	18974.	1214	18619.
1215	18276.	1216	17941.	1217	17607.	1218	17274.	1219	16943.
1220	16618.	1221	16303.	1222	16002.	1223	15713.	1224	15429.
1225	15146.	1226	14866.	1227	14593.	1228	14327.	1229	14072.
1230	13831.	1231	13602.	1232	13377.	1233	13155.	1234	12938.
1235	12727.	1236	12520.	1237	12321.	1238	12132.	1239	11951.
1240	11779.	1241	11611.	1242	11447.	1243	11287.	1244	11132.
1245	10981.	1246	10836.	1247	10696.	1248	10561.	1249	10435.
1250	10315.	1251	10200.	1252	10089.	1253	9982.	1254	9880.
1255	9780.	1256	9681.	1257	9584.	1258	9490.	1259	9400.
1260	9313.	1261	9230.	1262	9150.	1263	9070.	1264	8988.
1265	8899.	1266	8806.	1267	8709.	1268	8610.	1269	8513.
1270	8419.	1271	8329.	1272	8242.	1273	8160.	1274	8081.
1275	8004.	1276	7931.	1277	7861.	1278	7796.	1279	7732.
1280	7670.	1281	7610.	1282	7553.	1283	7498.	1284	7444.
1285	7390.	1286	7336.	1287	7284.	1288	7233.	1289	7183.
1290	7136.	1291	7089.	1292	7044.	1293	7000.	1294	6956.
1295	6914.	1296	6872.	1297	6832.	1298	6792.	1299	6753.
1300	6716.	1310	6379.	1320	6081.	1330	5782.	1340	5475.
1350	5168.	1360	4860.	1370	4553.	1380	4262.	1390	3974.
1400	3696.	1420	3157.	1440	2707.	1460	2319.	1500	1800.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

RUNKLE CANYON DAM INFLOW Q100, AR=0. 92, Y=3. 6, VVM/DDT/LS, 6/97

HYDROGRAPH AT 15031 424B STORM DAY 4 REDUCTION FACTOR = 1. 000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	5.	400	9.
500	11.	600	15.	700	19.	800	26.	900	60.
1000	125.	1050	197.	1100	245.	1110	294.	1120	350.
1130	442.	1131	453.	1132	464.	1133	478.	1134	494.
1135	509.	1136	521.	1137	536.	1138	551.	1139	567.
1140	585.	1141	605.	1142	625.	1143	645.	1144	666.
1145	694.	1146	725.	1147	757.	1148	791.	1149	866.
1150	946.	1151	978.	1152	1137.	1153	1259.	1154	1358.
1155	1481.	1156	1643.	1157	1816.	1158	1967.	1159	2087.
1160	2170.	1161	2208.	1162	2213.	1163	2185.	1164	2135.
1165	2017.	1166	1877.	1167	1766.	1168	1547.	1169	1386.
1170	1252.	1171	1136.	1172	1027.	1173	923.	1174	827.
1175	739.	1176	662.	1177	599.	1178	546.	1179	501.
1180	457.	1181	427.	1182	399.	1183	375.	1184	353.
1185	328.	1186	315.	1187	299.	1188	285.	1189	273.
1190	262.	1191	252.	1192	243.	1193	236.	1194	230.
1195	225.	1196	220.	1197	215.	1198	211.	1199	208.
1200	205.	1201	201.	1202	199.	1203	196.	1204	193.
1205	190.	1206	188.	1207	186.	1208	184.	1209	182.
1210	179.	1211	176.	1212	174.	1213	171.	1214	167.
1215	163.	1216	160.	1217	158.	1218	154.	1219	151.
1220	148.	1221	147.	1222	144.	1223	140.	1224	139.
1225	137.	1226	135.	1227	133.	1228	131.	1229	130.
1230	129.	1231	128.	1232	127.	1233	126.	1234	125.
1235	125.	1236	124.	1237	123.	1238	124.	1239	123.
1240	122.	1241	122.	1242	122.	1243	122.	1244	121.
1245	120.	1246	120.	1247	120.	1248	119.	1249	119.
1250	119.	1251	118.	1252	117.	1253	118.	1254	117.
1255	116.	1256	117.	1257	116.	1258	115.	1259	116.

CALLEGUA. 990									
1260	115.	1261	115.	1262	114.	1263	112.	1264	112.
1265	112.	1266	110.	1267	109.	1268	109.	1269	108.
1270	107.	1271	105.	1272	104.	1273	103.	1274	101.
1275	98.	1276	97.	1277	96.	1278	94.	1279	92.
1280	91.	1281	89.	1282	88.	1283	86.	1284	85.
1285	83.	1286	82.	1287	80.	1288	79.	1289	77.
1290	76.	1291	75.	1292	74.	1293	73.	1294	73.
1295	72.	1296	71.	1297	71.	1298	71.	1299	70.
1300	70.	1310	55.	1320	46.	1330	34.	1340	25.
1350	21.	1360	17.	1370	13.	1380	8.	1390	6.
1400	4.	1420	2.	1440	1.	1460	1.	1500	1.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 TAPO HILLS DIVERSION NO. 2 OUTFLOW FROM DAM Q100F
 HYDROGRAPH AT 15031 453B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	2.	300	3.	400	6.
500	7.	600	9.	700	12.	800	15.	900	19.
1000	25.	1050	32.	1100	41.	1110	43.	1120	45.
1130	47.	1131	47.	1132	47.	1133	48.	1134	48.
1135	49.	1136	49.	1137	49.	1138	50.	1139	50.
1140	51.	1141	51.	1142	51.	1143	52.	1144	52.
1145	53.	1146	54.	1147	54.	1148	55.	1149	55.
1150	56.	1151	56.	1152	57.	1153	58.	1154	58.
1155	59.	1156	60.	1157	62.	1158	63.	1159	64.
1160	65.	1161	66.	1162	66.	1163	67.	1164	68.
1165	68.	1166	69.	1167	69.	1168	69.	1169	70.
1170	70.	1171	70.	1172	70.	1173	70.	1174	71.
1175	71.	1176	71.	1177	71.	1178	71.	1179	71.
1180	71.	1181	71.	1182	71.	1183	71.	1184	71.
1185	71.	1186	71.	1187	71.	1188	71.	1189	71.
1190	71.	1191	71.	1192	71.	1193	71.	1194	71.
1195	71.	1196	71.	1197	71.	1198	71.	1199	70.
1200	70.	1201	70.	1202	70.	1203	70.	1204	70.
1205	70.	1206	70.	1207	70.	1208	70.	1209	70.
1210	70.	1211	70.	1212	70.	1213	70.	1214	70.
1215	70.	1216	69.	1217	69.	1218	69.	1219	69.
1220	69.	1221	69.	1222	69.	1223	69.	1224	69.
1225	69.	1226	69.	1227	69.	1228	69.	1229	68.
1230	68.	1231	68.	1232	68.	1233	68.	1234	68.
1235	68.	1236	68.	1237	68.	1238	68.	1239	68.
1240	68.	1241	67.	1242	67.	1243	67.	1244	67.
1245	67.	1246	67.	1247	67.	1248	67.	1249	67.
1250	67.	1251	67.	1252	67.	1253	66.	1254	66.
1255	66.	1256	66.	1257	66.	1258	66.	1259	66.
1260	66.	1261	66.	1262	66.	1263	66.	1264	66.
1265	65.	1266	65.	1267	65.	1268	65.	1269	65.
1270	65.	1271	65.	1272	65.	1273	65.	1274	65.
1275	65.	1276	65.	1277	64.	1278	64.	1279	64.
1280	64.	1281	64.	1282	64.	1283	64.	1284	64.
1285	63.	1286	63.	1287	63.	1288	63.	1289	63.
1290	63.	1291	63.	1292	62.	1293	62.	1294	62.
1295	62.	1296	62.	1297	62.	1298	62.	1299	61.
1300	61.	1310	60.	1320	58.	1330	57.	1340	55.
1350	53.	1360	50.	1370	48.	1380	45.	1390	42.
1400	37.	1420	28.	1440	21.	1460	13.	1500	5.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 TAPO HILLS DIVERSION NO. 1 OUTFLOW FROM DAM Q100F
 HYDROGRAPH AT 15031 461C STORM DAY 4 REDUCTION FACTOR = 1.000

CALLEGUA. 990

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	2.	900	6.
1000	11.	1050	17.	1100	23.	1110	25.	1120	27.
1130	33.	1131	33.	1132	34.	1133	34.	1134	35.
1135	36.	1136	36.	1137	37.	1138	38.	1139	38.
1140	39.	1141	39.	1142	40.	1143	40.	1144	41.
1145	41.	1146	42.	1147	42.	1148	43.	1149	44.
1150	45.	1151	45.	1152	46.	1153	47.	1154	48.
1155	49.	1156	50.	1157	50.	1158	51.	1159	53.
1160	54.	1161	55.	1162	57.	1163	57.	1164	58.
1165	58.	1166	59.	1167	59.	1168	60.	1169	60.
1170	60.	1171	60.	1172	61.	1173	61.	1174	61.
1175	61.	1176	61.	1177	61.	1178	61.	1179	61.
1180	62.	1181	62.	1182	62.	1183	62.	1184	62.
1185	62.	1186	62.	1187	62.	1188	62.	1189	62.
1190	62.	1191	62.	1192	62.	1193	62.	1194	62.
1195	62.	1196	62.	1197	62.	1198	62.	1199	62.
1200	62.	1201	62.	1202	62.	1203	62.	1204	62.
1205	62.	1206	62.	1207	62.	1208	62.	1209	62.
1210	62.	1211	62.	1212	62.	1213	62.	1214	62.
1215	62.	1216	62.	1217	61.	1218	61.	1219	61.
1220	61.	1221	61.	1222	61.	1223	61.	1224	61.
1225	61.	1226	61.	1227	61.	1228	61.	1229	60.
1230	60.	1231	60.	1232	60.	1233	60.	1234	60.
1235	60.	1236	59.	1237	59.	1238	59.	1239	58.
1240	58.	1241	58.	1242	57.	1243	56.	1244	56.
1245	56.	1246	56.	1247	56.	1248	56.	1249	56.
1250	56.	1251	55.	1252	55.	1253	55.	1254	55.
1255	55.	1256	55.	1257	55.	1258	55.	1259	55.
1260	55.	1261	55.	1262	55.	1263	55.	1264	54.
1265	54.	1266	54.	1267	54.	1268	54.	1269	54.
1270	54.	1271	54.	1272	54.	1273	54.	1274	54.
1275	54.	1276	54.	1277	53.	1278	53.	1279	53.
1280	53.	1281	53.	1282	53.	1283	53.	1284	53.
1285	53.	1286	53.	1287	53.	1288	52.	1289	52.
1290	52.	1291	52.	1292	52.	1293	52.	1294	52.
1295	52.	1296	52.	1297	52.	1298	52.	1299	51.
1300	51.	1310	50.	1320	49.	1330	47.	1340	45.
1350	44.	1360	43.	1370	42.	1380	41.	1390	40.
1400	38.	1420	36.	1440	33.	1460	29.	1500	24.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

DRY CANYON AT HTE FREEWAY Q100 W DAM ON DRY
 HYDROGRAPH AT 15031 505B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	34.	200	37.	300	46.	400	53.
500	59.	600	67.	700	76.	800	89.	900	125.
1000	201.	1050	289.	1100	377.	1110	439.	1120	501.
1130	603.	1131	618.	1132	633.	1133	650.	1134	667.
1135	684.	1136	701.	1137	723.	1138	744.	1139	762.
1140	780.	1141	801.	1142	824.	1143	849.	1144	876.
1145	908.	1146	943.	1147	982.	1148	1028.	1149	1094.
1150	1173.	1151	1251.	1152	1394.	1153	1540.	1154	1700.
1155	1858.	1156	1988.	1157	2088.	1158	2166.	1159	2229.
1160	2278.	1161	2298.	1162	2291.	1163	2290.	1164	2244.
1165	2196.	1166	2167.	1167	2135.	1168	2089.	1169	2038.
1170	1981.	1171	1930.	1172	1878.	1173	1825.	1174	1768.
1175	1705.	1176	1637.	1177	1567.	1178	1493.	1179	1417.

CALLEGUA. 990

1180	1341.	1181	1266.	1182	1196.	1183	1131.	1184	1074.
1185	1020.	1186	971.	1187	923.	1188	878.	1189	837.
1190	799.	1191	764.	1192	731.	1193	702.	1194	675.
1195	652.	1196	631.	1197	614.	1198	598.	1199	582.
1200	568.	1201	554.	1202	541.	1203	528.	1204	517.
1205	505.	1206	494.	1207	483.	1208	472.	1209	462.
1210	453.	1211	443.	1212	435.	1213	427.	1214	419.
1215	412.	1216	405.	1217	399.	1218	393.	1219	388.
1220	384.	1221	379.	1222	375.	1223	372.	1224	368.
1225	365.	1226	362.	1227	359.	1228	356.	1229	353.
1230	351.	1231	348.	1232	346.	1233	343.	1234	341.
1235	339.	1236	337.	1237	334.	1238	332.	1239	330.
1240	328.	1241	326.	1242	324.	1243	322.	1244	320.
1245	318.	1246	317.	1247	315.	1248	313.	1249	312.
1250	310.	1251	309.	1252	307.	1253	306.	1254	305.
1255	303.	1256	302.	1257	301.	1258	300.	1259	299.
1260	298.	1261	297.	1262	296.	1263	295.	1264	294.
1265	292.	1266	291.	1267	289.	1268	288.	1269	286.
1270	285.	1271	283.	1272	282.	1273	280.	1274	279.
1275	277.	1276	276.	1277	274.	1278	273.	1279	272.
1280	271.	1281	270.	1282	270.	1283	269.	1284	268.
1285	268.	1286	267.	1287	266.	1288	266.	1289	265.
1290	264.	1291	263.	1292	262.	1293	262.	1294	261.
1295	260.	1296	259.	1297	258.	1298	257.	1299	256.
1300	255.	1310	238.	1320	219.	1330	207.	1340	196.
1350	182.	1360	167.	1370	156.	1380	147.	1390	139.
1400	132.	1420	116.	1440	101.	1460	81.	1500	57.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 DRY CANYON LATERAL PRIOR TO JCT. W/MAIN CHL. Q100F.

HYDROGRAPH AT 15031 513C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	13.	200	14.	300	16.	400	16.
500	16.	600	17.	700	18.	800	19.	900	21.
1000	25.	1050	32.	1100	37.	1110	52.	1120	61.
1130	87.	1131	90.	1132	93.	1133	96.	1134	100.
1135	103.	1136	105.	1137	109.	1138	112.	1139	115.
1140	119.	1141	124.	1142	128.	1143	134.	1144	139.
1145	147.	1146	154.	1147	162.	1148	172.	1149	193.
1150	215.	1151	226.	1152	270.	1153	300.	1154	331.
1155	364.	1156	389.	1157	406.	1158	420.	1159	432.
1160	441.	1161	436.	1162	426.	1163	423.	1164	387.
1165	357.	1166	329.	1167	299.	1168	271.	1169	248.
1170	224.	1171	202.	1172	185.	1173	170.	1174	155.
1175	140.	1176	124.	1177	112.	1178	101.	1179	92.
1180	84.	1181	78.	1182	72.	1183	67.	1184	63.
1185	59.	1186	55.	1187	53.	1188	50.	1189	48.
1190	46.	1191	44.	1192	42.	1193	41.	1194	39.
1195	38.	1196	37.	1197	36.	1198	36.	1199	35.
1200	35.	1201	34.	1202	34.	1203	33.	1204	33.
1205	33.	1206	32.	1207	32.	1208	32.	1209	31.
1210	31.	1211	31.	1212	30.	1213	30.	1214	30.
1215	29.	1216	29.	1217	29.	1218	28.	1219	28.
1220	28.	1221	27.	1222	27.	1223	27.	1224	27.
1225	26.	1226	26.	1227	26.	1228	26.	1229	25.
1230	25.	1231	25.	1232	25.	1233	25.	1234	25.
1235	25.	1236	25.	1237	25.	1238	25.	1239	25.
1240	24.	1241	24.	1242	24.	1243	24.	1244	24.
1245	24.	1246	24.	1247	24.	1248	24.	1249	24.
1250	24.	1251	24.	1252	24.	1253	24.	1254	24.

CALLEGUA. 990

1255	24.	1256	24.	1257	24.	1258	24.	1259	24.
1260	24.	1261	24.	1262	24.	1263	23.	1264	23.
1265	23.	1266	23.	1267	23.	1268	23.	1269	23.
1270	23.	1271	23.	1272	23.	1273	23.	1274	23.
1275	22.	1276	22.	1277	22.	1278	22.	1279	22.
1280	22.	1281	22.	1282	22.	1283	22.	1284	22.
1285	22.	1286	22.	1287	22.	1288	22.	1289	22.
1290	22.	1291	22.	1292	22.	1293	21.	1294	21.
1295	21.	1296	21.	1297	21.	1298	21.	1299	21.
1300	21.	1310	20.	1320	19.	1330	19.	1340	18.
1350	16.	1360	15.	1370	14.	1380	14.	1390	13.
1400	13.	1420	12.	1440	12.	1460	10.	1500	10.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

DRY CANYON CHL. AFTER JCT. W/DRY CYN LATERAL Q100 F W/DAM
 HYDROGRAPH AT 15031 514B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	61.	200	65.	300	77.	400	86.
500	93.	600	103.	700	114.	800	129.	900	166.
1000	247.	1050	342.	1100	439.	1110	502.	1120	584.
1130	720.	1131	737.	1132	755.	1133	773.	1134	792.
1135	813.	1136	833.	1137	856.	1138	878.	1139	903.
1140	928.	1141	956.	1142	985.	1143	1014.	1144	1046.
1145	1082.	1146	1122.	1147	1169.	1148	1224.	1149	1297.
1150	1384.	1151	1468.	1152	1600.	1153	1744.	1154	1916.
1155	2117.	1156	2321.	1157	2509.	1158	2677.	1159	2821.
1160	2933.	1161	2993.	1162	3022.	1163	3030.	1164	2969.
1165	2891.	1166	2810.	1167	2719.	1168	2628.	1169	2541.
1170	2456.	1171	2375.	1172	2298.	1173	2224.	1174	2151.
1175	2078.	1176	2004.	1177	1931.	1178	1857.	1179	1780.
1180	1705.	1181	1628.	1182	1553.	1183	1478.	1184	1403.
1185	1330.	1186	1260.	1187	1195.	1188	1135.	1189	1080.
1190	1032.	1191	989.	1192	948.	1193	911.	1194	874.
1195	839.	1196	805.	1197	774.	1198	746.	1199	722.
1200	700.	1201	680.	1202	663.	1203	647.	1204	632.
1205	618.	1206	604.	1207	591.	1208	579.	1209	567.
1210	557.	1211	547.	1212	537.	1213	527.	1214	517.
1215	507.	1216	497.	1217	489.	1218	481.	1219	473.
1220	466.	1221	459.	1222	452.	1223	446.	1224	441.
1225	436.	1226	432.	1227	427.	1228	423.	1229	420.
1230	416.	1231	413.	1232	410.	1233	407.	1234	404.
1235	401.	1236	399.	1237	396.	1238	394.	1239	391.
1240	389.	1241	387.	1242	384.	1243	382.	1244	380.
1245	378.	1246	376.	1247	374.	1248	372.	1249	370.
1250	368.	1251	366.	1252	364.	1253	363.	1254	361.
1255	360.	1256	358.	1257	357.	1258	355.	1259	354.
1260	353.	1261	351.	1262	350.	1263	349.	1264	348.
1265	346.	1266	345.	1267	344.	1268	342.	1269	341.
1270	340.	1271	338.	1272	336.	1273	334.	1274	333.
1275	331.	1276	329.	1277	327.	1278	326.	1279	324.
1280	322.	1281	321.	1282	320.	1283	318.	1284	317.
1285	316.	1286	315.	1287	315.	1288	314.	1289	313.
1290	312.	1291	312.	1292	311.	1293	310.	1294	309.
1295	308.	1296	308.	1297	307.	1298	306.	1299	305.
1300	304.	1310	288.	1320	267.	1330	251.	1340	240.
1350	225.	1360	206.	1370	191.	1380	181.	1390	172.
1400	164.	1420	146.	1440	129.	1460	106.	1500	77.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 EXISTING - MODIFIED ERRINGER DETENTION BASIN

HYDROGRAPH AT 15031 540C				CALLEGUA. 990 STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	1.	400	1.
500	1.	600	1.	700	1.	800	2.	900	14.
1000	36.	1050	62.	1100	75.	1110	106.	1120	117.
1130	157.	1131	164.	1132	169.	1133	176.	1134	184.
1135	189.	1136	190.	1137	195.	1138	199.	1139	205.
1140	212.	1141	220.	1142	229.	1143	238.	1144	248.
1145	263.	1146	279.	1147	295.	1148	310.	1149	355.
1150	417.	1151	442.	1152	532.	1153	615.	1154	660.
1155	682.	1156	704.	1157	724.	1158	734.	1159	733.
1160	727.	1161	716.	1162	691.	1163	628.	1164	575.
1165	543.	1166	433.	1167	356.	1168	317.	1169	292.
1170	263.	1171	236.	1172	211.	1173	188.	1174	169.
1175	154.	1176	142.	1177	131.	1178	117.	1179	110.
1180	104.	1181	99.	1182	94.	1183	85.	1184	83.
1185	80.	1186	76.	1187	73.	1188	71.	1189	69.
1190	67.	1191	66.	1192	65.	1193	64.	1194	63.
1195	62.	1196	61.	1197	60.	1198	60.	1199	59.
1200	59.	1201	58.	1202	57.	1203	55.	1204	54.
1205	52.	1206	51.	1207	50.	1208	48.	1209	47.
1210	46.	1211	44.	1212	42.	1213	42.	1214	40.
1215	39.	1216	39.	1217	39.	1218	38.	1219	38.
1220	38.	1221	37.	1222	37.	1223	36.	1224	36.
1225	36.	1226	36.	1227	35.	1228	35.	1229	35.
1230	35.	1231	34.	1232	35.	1233	35.	1234	34.
1235	34.	1236	34.	1237	34.	1238	34.	1239	33.
1240	33.	1241	33.	1242	33.	1243	32.	1244	32.
1245	32.	1246	32.	1247	32.	1248	32.	1249	31.
1250	32.	1251	32.	1252	31.	1253	32.	1254	32.
1255	31.	1256	31.	1257	31.	1258	31.	1259	31.
1260	31.	1261	31.	1262	30.	1263	30.	1264	29.
1265	28.	1266	27.	1267	26.	1268	26.	1269	25.
1270	24.	1271	23.	1272	23.	1273	22.	1274	21.
1275	20.	1276	20.	1277	20.	1278	20.	1279	19.
1280	19.	1281	19.	1282	19.	1283	18.	1284	18.
1285	18.	1286	18.	1287	17.	1288	17.	1289	17.
1290	17.	1291	16.	1292	17.	1293	16.	1294	16.
1295	16.	1296	16.	1297	17.	1298	16.	1299	16.
1300	16.	1310	8.	1320	5.	1330	4.	1340	2.
1350	2.	1360	1.	1370	1.	1380	1.	1390	1.
1400	1.	1420	1.	1440	1.	1460	1.	1500	1.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
PROPOSED TRACT 3045 DETENTION BASIN

HYDROGRAPH AT 15031 541D				STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	1.	600	1.	700	1.	800	1.	900	2.
1000	3.	1050	4.	1100	4.	1110	6.	1120	6.
1130	9.	1131	9.	1132	9.	1133	9.	1134	9.
1135	9.	1136	9.	1137	10.	1138	10.	1139	10.
1140	11.	1141	12.	1142	12.	1143	12.	1144	13.
1145	14.	1146	15.	1147	16.	1148	17.	1149	22.
1150	27.	1151	26.	1152	37.	1153	41.	1154	41.
1155	41.	1156	40.	1157	38.	1158	33.	1159	27.
1160	28.	1161	16.	1162	11.	1163	9.	1164	8.
1165	7.	1166	7.	1167	6.	1168	6.	1169	6.
1170	5.	1171	5.	1172	5.	1173	4.	1174	4.

CALLEGUA. 990

1175	4.	1176	4.	1177	4.	1178	3.	1179	4.
1180	4.	1181	4.	1182	4.	1183	3.	1184	3.
1185	3.	1186	3.	1187	3.	1188	3.	1189	3.
1190	3.	1191	3.	1192	3.	1193	3.	1194	3.
1195	3.	1196	3.	1197	3.	1198	3.	1199	3.
1200	3.	1201	3.	1202	3.	1203	3.	1204	3.
1205	3.	1206	3.	1207	3.	1208	3.	1209	2.
1210	2.	1211	2.	1212	2.	1213	2.	1214	2.
1215	2.	1216	2.	1217	3.	1218	2.	1219	2.
1220	3.	1221	3.	1222	2.	1223	2.	1224	3.
1225	3.	1226	2.	1227	2.	1228	3.	1229	3.
1230	2.	1231	2.	1232	3.	1233	2.	1234	2.
1235	2.	1236	2.	1237	2.	1238	2.	1239	2.
1240	2.	1241	2.	1242	2.	1243	2.	1244	2.
1245	2.	1246	2.	1247	2.	1248	2.	1249	2.
1250	2.	1251	2.	1252	2.	1253	2.	1254	2.
1255	2.	1256	2.	1257	2.	1258	2.	1259	2.
1260	2.	1261	2.	1262	2.	1263	2.	1264	2.
1265	2.	1266	2.	1267	2.	1268	2.	1269	2.
1270	2.	1271	2.	1272	2.	1273	2.	1274	2.
1275	2.	1276	2.	1277	2.	1278	2.	1279	2.
1280	2.	1281	2.	1282	2.	1283	2.	1284	2.
1285	2.	1286	2.	1287	2.	1288	2.	1289	2.
1290	2.	1291	2.	1292	2.	1293	2.	1294	2.
1295	2.	1296	2.	1297	2.	1298	2.	1299	2.
1300	2.	1310	1.	1320	1.	1330	1.	1340	1.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

BASIN NO. 8 48' 24"RCP CP= .632 SV/97

HYDROGRAPH AT 15031 542C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	1.	400	1.
500	1.	600	2.	700	2.	800	4.	900	16.
1000	39.	1050	66.	1100	79.	1110	112.	1120	123.
1130	166.	1131	172.	1132	178.	1133	185.	1134	193.
1135	198.	1136	200.	1137	204.	1138	209.	1139	216.
1140	222.	1141	232.	1142	241.	1143	251.	1144	261.
1145	277.	1146	294.	1147	311.	1148	327.	1149	377.
1150	444.	1151	468.	1152	569.	1153	656.	1154	702.
1155	723.	1156	744.	1157	762.	1158	767.	1159	760.
1160	755.	1161	732.	1162	701.	1163	637.	1164	583.
1165	550.	1166	440.	1167	362.	1168	323.	1169	298.
1170	268.	1171	241.	1172	216.	1173	193.	1174	173.
1175	159.	1176	147.	1177	135.	1178	121.	1179	114.
1180	107.	1181	103.	1182	97.	1183	89.	1184	87.
1185	83.	1186	79.	1187	77.	1188	74.	1189	72.
1190	70.	1191	69.	1192	68.	1193	67.	1194	66.
1195	65.	1196	64.	1197	64.	1198	63.	1199	62.
1200	62.	1201	61.	1202	60.	1203	58.	1204	57.
1205	55.	1206	54.	1207	53.	1208	51.	1209	49.
1210	48.	1211	46.	1212	45.	1213	44.	1214	43.
1215	42.	1216	41.	1217	41.	1218	41.	1219	40.
1220	40.	1221	40.	1222	40.	1223	39.	1224	39.
1225	39.	1226	38.	1227	38.	1228	38.	1229	38.
1230	38.	1231	37.	1232	37.	1233	37.	1234	36.
1235	36.	1236	36.	1237	36.	1238	36.	1239	35.
1240	35.	1241	35.	1242	35.	1243	34.	1244	35.
1245	35.	1246	34.	1247	34.	1248	34.	1249	34.

CALLEGUA. 990									
1250	34.	1251	34.	1252	34.	1253	34.	1254	34.
1255	34.	1256	34.	1257	34.	1258	33.	1259	34.
1260	34.	1261	33.	1262	33.	1263	32.	1264	31.
1265	30.	1266	29.	1267	28.	1268	27.	1269	27.
1270	26.	1271	25.	1272	24.	1273	23.	1274	22.
1275	22.	1276	22.	1277	22.	1278	21.	1279	21.
1280	21.	1281	21.	1282	20.	1283	20.	1284	20.
1285	20.	1286	19.	1287	19.	1288	19.	1289	19.
1290	19.	1291	18.	1292	18.	1293	18.	1294	18.
1295	18.	1296	18.	1297	18.	1298	18.	1299	17.
1300	18.	1310	9.	1320	6.	1330	5.	1340	3.
1350	2.	1360	1.	1370	1.	1380	1.	1390	1.
1400	1.	1420	1.	1440	1.	1460	1.	1500	1.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 FATTEN CN=50 YIELD 100-YR=6.66" OR 3.33" RUNOFF
 HYDROGRAPH AT 15031 543C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	1.	300	1.	400	1.
500	1.	600	2.	700	2.	800	3.	900	9.
1000	27.	1050	51.	1100	63.	1110	64.	1120	68.
1130	72.	1131	73.	1132	73.	1133	74.	1134	75.
1135	76.	1136	76.	1137	77.	1138	77.	1139	77.
1140	77.	1141	78.	1142	78.	1143	78.	1144	78.
1145	79.	1146	79.	1147	79.	1148	80.	1149	80.
1150	81.	1151	81.	1152	82.	1153	83.	1154	84.
1155	85.	1156	86.	1157	87.	1158	88.	1159	89.
1160	89.	1161	90.	1162	91.	1163	91.	1164	92.
1165	92.	1166	93.	1167	93.	1168	93.	1169	94.
1170	94.	1171	94.	1172	94.	1173	94.	1174	94.
1175	94.	1176	94.	1177	95.	1178	95.	1179	95.
1180	95.	1181	95.	1182	95.	1183	95.	1184	95.
1185	95.	1186	95.	1187	95.	1188	95.	1189	95.
1190	95.	1191	94.	1192	94.	1193	94.	1194	94.
1195	94.	1196	94.	1197	94.	1198	94.	1199	94.
1200	94.	1201	94.	1202	94.	1203	94.	1204	94.
1205	94.	1206	94.	1207	94.	1208	94.	1209	94.
1210	94.	1211	94.	1212	94.	1213	94.	1214	94.
1215	94.	1216	94.	1217	93.	1218	93.	1219	93.
1220	93.	1221	93.	1222	93.	1223	93.	1224	93.
1225	93.	1226	93.	1227	93.	1228	93.	1229	93.
1230	93.	1231	93.	1232	93.	1233	93.	1234	93.
1235	92.	1236	92.	1237	92.	1238	92.	1239	92.
1240	92.	1241	92.	1242	92.	1243	92.	1244	92.
1245	92.	1246	92.	1247	92.	1248	92.	1249	92.
1250	92.	1251	92.	1252	91.	1253	91.	1254	91.
1255	91.	1256	91.	1257	91.	1258	91.	1259	91.
1260	91.	1261	91.	1262	91.	1263	91.	1264	91.
1265	91.	1266	91.	1267	91.	1268	90.	1269	90.
1270	90.	1271	90.	1272	90.	1273	90.	1274	90.
1275	90.	1276	90.	1277	90.	1278	90.	1279	90.
1280	90.	1281	90.	1282	89.	1283	89.	1284	89.
1285	89.	1286	89.	1287	89.	1288	89.	1289	89.
1290	89.	1291	89.	1292	89.	1293	89.	1294	88.
1295	88.	1296	88.	1297	88.	1298	88.	1299	88.
1300	88.	1310	87.	1320	86.	1330	84.	1340	83.
1350	82.	1360	81.	1370	79.	1380	78.	1390	77.
1400	73.	1420	64.	1440	10.	1460	1.	1500	1.

CALLEGUA. 990
 BUS CANYON TRIBUTARY, OUTFLOW THRU DAM Q100F
 HYDROGRAPH AT 15031 605C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	5.	200	6.	300	6.	400	7.
500	7.	600	7.	700	8.	800	8.	900	11.
1000	16.	1050	22.	1100	28.	1110	40.	1120	42.
1130	59.	1131	60.	1132	61.	1133	63.	1134	65.
1135	67.	1136	68.	1137	71.	1138	73.	1139	76.
1140	79.	1141	82.	1142	85.	1143	88.	1144	91.
1145	98.	1146	103.	1147	109.	1148	115.	1149	135.
1150	154.	1151	156.	1152	196.	1153	221.	1154	230.
1155	240.	1156	253.	1157	264.	1158	257.	1159	247.
1160	254.	1161	220.	1162	201.	1163	196.	1164	196.
1165	190.	1166	184.	1167	177.	1168	170.	1169	159.
1170	147.	1171	138.	1172	130.	1173	122.	1174	118.
1175	114.	1176	110.	1177	106.	1178	101.	1179	98.
1180	94.	1181	90.	1182	86.	1183	82.	1184	79.
1185	75.	1186	72.	1187	69.	1188	66.	1189	63.
1190	61.	1191	58.	1192	56.	1193	54.	1194	52.
1195	50.	1196	49.	1197	47.	1198	46.	1199	45.
1200	43.	1201	42.	1202	41.	1203	40.	1204	39.
1205	38.	1206	37.	1207	36.	1208	35.	1209	34.
1210	33.	1211	32.	1212	31.	1213	31.	1214	30.
1215	29.	1216	28.	1217	28.	1218	27.	1219	26.
1220	26.	1221	25.	1222	25.	1223	24.	1224	24.
1225	24.	1226	23.	1227	23.	1228	23.	1229	22.
1230	22.	1231	22.	1232	22.	1233	21.	1234	21.
1235	21.	1236	21.	1237	21.	1238	20.	1239	20.
1240	20.	1241	20.	1242	20.	1243	20.	1244	19.
1245	19.	1246	19.	1247	19.	1248	19.	1249	18.
1250	18.	1251	18.	1252	18.	1253	18.	1254	18.
1255	18.	1256	17.	1257	17.	1258	17.	1259	17.
1260	17.	1261	17.	1262	17.	1263	17.	1264	17.
1265	16.	1266	16.	1267	16.	1268	16.	1269	16.
1270	16.	1271	16.	1272	15.	1273	15.	1274	15.
1275	15.	1276	15.	1277	15.	1278	14.	1279	14.
1280	14.	1281	14.	1282	13.	1283	13.	1284	13.
1285	13.	1286	13.	1287	13.	1288	13.	1289	13.
1290	13.	1291	12.	1292	12.	1293	12.	1294	12.
1295	12.	1296	12.	1297	12.	1298	12.	1299	12.
1300	12.	1310	11.	1320	10.	1330	8.	1340	8.
1350	7.	1360	7.	1370	6.	1380	6.	1390	6.
1400	6.	1420	5.	1440	5.	1460	3.	1500	3.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 ARROYO SIMI AFTER JCT. W/BUS CYN, EXISTING DAMS ONLY Q100F
 HYDROGRAPH AT 15031 649A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1207.	200	1249.	300	1433.	400	1757.
500	2085.	600	2430.	700	2843.	800	3339.	900	4124.
1000	5717.	1050	7179.	1100	9031.	1110	9496.	1120	10017.
1130	10686.	1131	10764.	1132	10843.	1133	10925.	1134	11009.
1135	11096.	1136	11185.	1137	11276.	1138	11371.	1139	11468.
1140	11570.	1141	11677.	1142	11791.	1143	11911.	1144	12037.
1145	12172.	1146	12317.	1147	12475.	1148	12645.	1149	12835.
1150	13055.	1151	13298.	1152	13580.	1153	13922.	1154	14308.
1155	14719.	1156	15153.	1157	15609.	1158	16075.	1159	16544.
1160	17012.	1161	17488.	1162	17972.	1163	18439.	1164	18886.
1165	19342.	1166	19806.	1167	20266.	1168	20712.	1169	21114.

CALLEGUA. 990

1170	21453.	1171	21735.	1172	21962.	1173	22136.	1174	22258.
1175	22338.	1176	22388.	1177	22421.	1178	22449.	1179	22483.
1180	22531.	1181	22597.	1182	22683.	1183	22787.	1184	22904.
1185	23033.	1186	23174.	1187	23325.	1188	23489.	1189	23667.
1190	23859.	1191	24066.	1192	24294.	1193	24544.	1194	24813.
1195	25102.	1196	25404.	1197	25711.	1198	26015.	1199	26312.
1200	26594.	1201	26854.	1202	27086.	1203	27281.	1204	27428.
1205	27521.	1206	27561.	1207	27548.	1208	27486.	1209	27378.
1210	27227.	1211	27035.	1212	26808.	1213	26550.	1214	26268.
1215	25962.	1216	25636.	1217	25291.	1218	24928.	1219	24555.
1220	24174.	1221	23788.	1222	23396.	1223	23004.	1224	22612.
1225	22218.	1226	21826.	1227	21434.	1228	21041.	1229	20657.
1230	20284.	1231	19928.	1232	19582.	1233	19241.	1234	18902.
1235	18572.	1236	18249.	1237	17937.	1238	17631.	1239	17335.
1240	17050.	1241	16776.	1242	16507.	1243	16245.	1244	15987.
1245	15735.	1246	15489.	1247	15255.	1248	15026.	1249	14807.
1250	14595.	1251	14392.	1252	14197.	1253	14008.	1254	13821.
1255	13639.	1256	13461.	1257	13287.	1258	13118.	1259	12953.
1260	12794.	1261	12641.	1262	12494.	1263	12354.	1264	12220.
1265	12091.	1266	11968.	1267	11849.	1268	11733.	1269	11620.
1270	11509.	1271	11403.	1272	11299.	1273	11199.	1274	11101.
1275	11004.	1276	10909.	1277	10814.	1278	10719.	1279	10624.
1280	10529.	1281	10433.	1282	10337.	1283	10241.	1284	10148.
1285	10054.	1286	9960.	1287	9869.	1288	9780.	1289	9694.
1290	9612.	1291	9533.	1292	9454.	1293	9378.	1294	9305.
1295	9233.	1296	9164.	1297	9098.	1298	9034.	1299	8972.
1300	8912.	1310	8376.	1320	7920.	1330	7522.	1340	7156.
1350	6795.	1360	6417.	1370	6045.	1380	5689.	1390	5355.
1400	5021.	1420	4382.	1440	3807.	1460	3270.	1500	2468.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO SIMI DOWN STREAM, FN=SIMI DOWN. HI, DBT/LS/SW, 7/97
 HYDROGRAPH AT 15031 650B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	0.	1164	0.
1165	0.	1166	0.	1167	0.	1168	0.	1169	0.
1170	0.	1171	0.	1172	0.	1173	0.	1174	0.
1175	0.	1176	0.	1177	0.	1178	0.	1179	0.
1180	0.	1181	0.	1182	0.	1183	0.	1184	0.
1185	0.	1186	0.	1187	0.	1188	0.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.
1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.

CALLEGUA. 990

1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

NO. SIMI DRN. W/GIS CKD REACHES/AREAS Q-100P W/ DAM DDT/DL/SH 3/03
 HYDROGRAPH AT 15031 652B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	1.	900	4.
1000	9.	1050	15.	1100	17.	1110	30.	1120	27.
1130	43.	1131	45.	1132	45.	1133	46.	1134	47.
1135	48.	1136	48.	1137	49.	1138	51.	1139	52.
1140	54.	1141	58.	1142	61.	1143	64.	1144	66.
1145	71.	1146	76.	1147	83.	1148	88.	1149	111.
1150	135.	1151	133.	1152	182.	1153	206.	1154	209.
1155	209.	1156	204.	1157	198.	1158	192.	1159	185.
1160	159.	1161	131.	1162	130.	1163	78.	1164	53.
1165	43.	1166	38.	1167	33.	1168	30.	1169	30.
1170	26.	1171	24.	1172	23.	1173	22.	1174	21.
1175	18.	1176	18.	1177	17.	1178	17.	1179	16.
1180	13.	1181	15.	1182	14.	1183	13.	1184	13.
1185	13.	1186	13.	1187	13.	1188	13.	1189	13.
1190	13.	1191	13.	1192	13.	1193	13.	1194	13.
1195	13.	1196	13.	1197	13.	1198	13.	1199	13.
1200	13.	1201	12.	1202	12.	1203	11.	1204	11.
1205	10.	1206	9.	1207	9.	1208	9.	1209	8.
1210	8.	1211	7.	1212	8.	1213	8.	1214	8.
1215	7.	1216	8.	1217	8.	1218	8.	1219	8.
1220	8.	1221	8.	1222	8.	1223	8.	1224	8.
1225	8.	1226	8.	1227	8.	1228	8.	1229	8.
1230	8.	1231	8.	1232	8.	1233	8.	1234	8.
1235	8.	1236	7.	1237	7.	1238	8.	1239	7.
1240	7.	1241	7.	1242	7.	1243	7.	1244	7.
1245	7.	1246	7.	1247	7.	1248	7.	1249	7.
1250	7.	1251	7.	1252	7.	1253	7.	1254	7.
1255	7.	1256	7.	1257	7.	1258	7.	1259	7.
1260	7.	1261	7.	1262	6.	1263	6.	1264	6.
1265	6.	1266	5.	1267	4.	1268	4.	1269	4.
1270	4.	1271	3.	1272	3.	1273	4.	1274	4.
1275	3.	1276	3.	1277	4.	1278	4.	1279	3.
1280	3.	1281	4.	1282	4.	1283	3.	1284	3.
1285	4.	1286	4.	1287	3.	1288	3.	1289	4.
1290	4.	1291	3.	1292	3.	1293	3.	1294	4.
1295	3.	1296	3.	1297	4.	1298	4.	1299	3.
1300	3.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

CALLEGUA. 990
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 NORTH SIMI DRN. INFLOW TO PROPOSED DETENTION DAM Q-100 P
 HYDROGRAPH AT 15031 665B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	4.	300	4.	400	4.
500	4.	600	4.	700	4.	800	5.	900	9.
1000	25.	1050	55.	1100	91.	1110	113.	1120	133.
1130	179.	1131	185.	1132	191.	1133	199.	1134	206.
1135	212.	1136	217.	1137	225.	1138	231.	1139	239.
1140	247.	1141	256.	1142	267.	1143	278.	1144	290.
1145	304.	1146	319.	1147	335.	1148	352.	1149	383.
1150	418.	1151	439.	1152	500.	1153	545.	1154	586.
1155	624.	1156	658.	1157	689.	1158	723.	1159	762.
1160	812.	1161	867.	1162	926.	1163	977.	1164	1023.
1165	1066.	1166	1067.	1167	1077.	1168	1089.	1169	1091.
1170	1080.	1171	1061.	1172	1032.	1173	997.	1174	956.
1175	911.	1176	863.	1177	813.	1178	761.	1179	715.
1180	670.	1181	628.	1182	589.	1183	551.	1184	519.
1185	487.	1186	458.	1187	431.	1188	405.	1189	381.
1190	359.	1191	339.	1192	319.	1193	301.	1194	284.
1195	269.	1196	254.	1197	241.	1198	229.	1199	217.
1200	207.	1201	196.	1202	187.	1203	178.	1204	170.
1205	162.	1206	155.	1207	148.	1208	141.	1209	135.
1210	129.	1211	124.	1212	119.	1213	115.	1214	110.
1215	106.	1216	103.	1217	100.	1218	97.	1219	94.
1220	92.	1221	89.	1222	87.	1223	84.	1224	83.
1225	81.	1226	79.	1227	77.	1228	75.	1229	73.
1230	71.	1231	69.	1232	68.	1233	66.	1234	64.
1235	62.	1236	61.	1237	59.	1238	58.	1239	56.
1240	55.	1241	54.	1242	52.	1243	51.	1244	50.
1245	50.	1246	49.	1247	48.	1248	47.	1249	46.
1250	46.	1251	45.	1252	44.	1253	44.	1254	43.
1255	42.	1256	42.	1257	41.	1258	40.	1259	40.
1260	40.	1261	39.	1262	38.	1263	37.	1264	36.
1265	36.	1266	35.	1267	34.	1268	33.	1269	33.
1270	32.	1271	31.	1272	31.	1273	30.	1274	29.
1275	28.	1276	28.	1277	28.	1278	28.	1279	27.
1280	27.	1281	27.	1282	26.	1283	26.	1284	26.
1285	26.	1286	25.	1287	25.	1288	25.	1289	25.
1290	25.	1291	24.	1292	24.	1293	24.	1294	24.
1295	24.	1296	24.	1297	24.	1298	24.	1299	23.
1300	23.	1310	19.	1320	19.	1330	18.	1340	16.
1350	15.	1360	13.	1370	11.	1380	10.	1390	9.
1400	8.	1420	6.	1440	5.	1460	3.	1500	3.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 NO. SIMI DRN. W/OUT RBF DAM AT HWY 118 Q-100P 4/2000
 HYDROGRAPH AT 15031 666B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	4.	300	4.	400	4.
500	4.	600	4.	700	4.	800	5.	900	8.
1000	21.	1050	46.	1100	84.	1110	94.	1120	113.
1130	142.	1131	146.	1132	150.	1133	154.	1134	159.
1135	163.	1136	168.	1137	174.	1138	180.	1139	186.
1140	193.	1141	199.	1142	206.	1143	213.	1144	220.
1145	228.	1146	237.	1147	247.	1148	257.	1149	269.
1150	281.	1151	296.	1152	312.	1153	333.	1154	358.
1155	388.	1156	426.	1157	468.	1158	510.	1159	552.
1160	592.	1161	632.	1162	673.	1163	718.	1164	768.

CALLEGUA. 990									
1165	822.	1166	877.	1167	930.	1168	975.	1169	1009.
1170	1034.	1171	1053.	1172	1065.	1173	1069.	1174	1063.
1175	1049.	1176	1028.	1177	1000.	1178	967.	1179	930.
1180	889.	1181	847.	1182	804.	1183	762.	1184	721.
1185	682.	1186	645.	1187	609.	1188	576.	1189	545.
1190	515.	1191	488.	1192	462.	1193	437.	1194	414.
1195	393.	1196	373.	1197	354.	1198	336.	1199	319.
1200	303.	1201	288.	1202	274.	1203	261.	1204	249.
1205	238.	1206	227.	1207	217.	1208	208.	1209	199.
1210	190.	1211	182.	1212	175.	1213	168.	1214	161.
1215	155.	1216	149.	1217	143.	1218	137.	1219	132.
1220	127.	1221	123.	1222	119.	1223	115.	1224	111.
1225	108.	1226	105.	1227	102.	1228	99.	1229	96.
1230	94.	1231	92.	1232	89.	1233	87.	1234	85.
1235	83.	1236	81.	1237	79.	1238	78.	1239	76.
1240	74.	1241	72.	1242	71.	1243	69.	1244	67.
1245	66.	1246	64.	1247	62.	1248	61.	1249	60.
1250	58.	1251	57.	1252	56.	1253	55.	1254	54.
1255	52.	1256	52.	1257	51.	1258	50.	1259	49.
1260	49.	1261	48.	1262	47.	1263	46.	1264	46.
1265	45.	1266	44.	1267	44.	1268	43.	1269	43.
1270	42.	1271	41.	1272	40.	1273	40.	1274	39.
1275	38.	1276	38.	1277	37.	1278	36.	1279	36.
1280	35.	1281	34.	1282	34.	1283	33.	1284	32.
1285	32.	1286	31.	1287	31.	1288	30.	1289	30.
1290	29.	1291	29.	1292	28.	1293	28.	1294	28.
1295	27.	1296	27.	1297	27.	1298	27.	1299	26.
1300	26.	1310	24.	1320	22.	1330	20.	1340	19.
1350	17.	1360	16.	1370	14.	1380	13.	1390	11.
1400	10.	1420	8.	1440	7.	1460	5.	1500	3.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LATERAL TO NO. SIMI DRN. PRIOR TO JCT. AT 118 Q-100P
 HYDROGRAPH AT 15031 670C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	2.	300	3.	400	4.
500	5.	600	6.	700	7.	800	8.	900	13.
1000	21.	1050	30.	1100	35.	1110	44.	1120	52.
1130	63.	1131	65.	1132	68.	1133	70.	1134	72.
1135	75.	1136	77.	1137	79.	1138	81.	1139	82.
1140	84.	1141	86.	1142	88.	1143	91.	1144	95.
1145	99.	1146	103.	1147	108.	1148	115.	1149	122.
1150	131.	1151	148.	1152	173.	1153	199.	1154	237.
1155	276.	1156	302.	1157	315.	1158	320.	1159	318.
1160	313.	1161	305.	1162	293.	1163	272.	1164	245.
1165	221.	1166	191.	1167	155.	1168	126.	1169	105.
1170	90.	1171	79.	1172	72.	1173	65.	1174	60.
1175	56.	1176	52.	1177	49.	1178	47.	1179	44.
1180	42.	1181	40.	1182	38.	1183	37.	1184	35.
1185	34.	1186	33.	1187	32.	1188	31.	1189	31.
1190	30.	1191	29.	1192	29.	1193	29.	1194	29.
1195	29.	1196	29.	1197	28.	1198	28.	1199	28.
1200	28.	1201	28.	1202	28.	1203	28.	1204	28.
1205	28.	1206	27.	1207	27.	1208	27.	1209	26.
1210	25.	1211	25.	1212	24.	1213	23.	1214	23.
1215	22.	1216	22.	1217	21.	1218	21.	1219	20.
1220	20.	1221	20.	1222	20.	1223	20.	1224	20.
1225	20.	1226	20.	1227	20.	1228	20.	1229	20.
1230	20.	1231	20.	1232	20.	1233	20.	1234	20.
1235	20.	1236	20.	1237	20.	1238	20.	1239	20.

CALLEGUA. 990									
1240	20.	1241	20.	1242	20.	1243	20.	1244	19.
1245	19.	1246	19.	1247	19.	1248	19.	1249	19.
1250	19.	1251	19.	1252	19.	1253	19.	1254	19.
1255	19.	1256	19.	1257	19.	1258	19.	1259	19.
1260	19.	1261	19.	1262	19.	1263	19.	1264	19.
1265	19.	1266	19.	1267	18.	1268	18.	1269	18.
1270	18.	1271	17.	1272	17.	1273	16.	1274	16.
1275	15.	1276	15.	1277	15.	1278	14.	1279	14.
1280	14.	1281	14.	1282	14.	1283	14.	1284	14.
1285	13.	1286	13.	1287	13.	1288	13.	1289	13.
1290	13.	1291	13.	1292	13.	1293	13.	1294	13.
1295	13.	1296	13.	1297	13.	1298	13.	1299	13.
1300	13.	1310	11.	1320	8.	1330	6.	1340	6.
1350	5.	1360	3.	1370	2.	1380	2.	1390	2.
1400	2.	1420	1.	1440	1.	1460	1.	1500	1.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 N. SIMI DRN AFTER JCT W/LATL. AB. HWY 118 RTD TO CALDW. Q100P
 HYDROGRAPH AT 15031 671B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	6.	200	6.	300	8.	400	9.
500	10.	600	11.	700	12.	800	14.	900	22.
1000	45.	1050	84.	1100	129.	1110	159.	1120	183.
1130	236.	1131	244.	1132	250.	1133	257.	1134	265.
1135	273.	1136	280.	1137	289.	1138	298.	1139	307.
1140	317.	1141	328.	1142	339.	1143	351.	1144	364.
1145	380.	1146	397.	1147	418.	1148	438.	1149	475.
1150	516.	1151	546.	1152	625.	1153	690.	1154	755.
1155	824.	1156	884.	1157	935.	1158	977.	1159	1011.
1160	1026.	1161	1037.	1162	1065.	1163	1048.	1164	1052.
1165	1074.	1166	1094.	1167	1108.	1168	1122.	1169	1134.
1170	1142.	1171	1148.	1172	1152.	1173	1148.	1174	1137.
1175	1115.	1176	1091.	1177	1059.	1178	1023.	1179	983.
1180	938.	1181	894.	1182	850.	1183	806.	1184	763.
1185	722.	1186	684.	1187	647.	1188	614.	1189	582.
1190	552.	1191	524.	1192	497.	1193	472.	1194	449.
1195	428.	1196	407.	1197	388.	1198	370.	1199	353.
1200	337.	1201	322.	1202	308.	1203	295.	1204	282.
1205	270.	1206	258.	1207	248.	1208	237.	1209	227.
1210	218.	1211	209.	1212	201.	1213	193.	1214	186.
1215	179.	1216	172.	1217	166.	1218	160.	1219	154.
1220	149.	1221	145.	1222	141.	1223	137.	1224	133.
1225	130.	1226	127.	1227	124.	1228	121.	1229	119.
1230	116.	1231	114.	1232	111.	1233	109.	1234	107.
1235	105.	1236	103.	1237	101.	1238	99.	1239	97.
1240	95.	1241	93.	1242	92.	1243	90.	1244	88.
1245	86.	1246	85.	1247	83.	1248	82.	1249	80.
1250	79.	1251	77.	1252	76.	1253	75.	1254	74.
1255	73.	1256	72.	1257	71.	1258	70.	1259	70.
1260	69.	1261	68.	1262	67.	1263	67.	1264	66.
1265	65.	1266	65.	1267	64.	1268	63.	1269	62.
1270	61.	1271	60.	1272	58.	1273	57.	1274	56.
1275	55.	1276	54.	1277	53.	1278	52.	1279	51.
1280	50.	1281	49.	1282	48.	1283	48.	1284	47.
1285	46.	1286	46.	1287	45.	1288	45.	1289	44.
1290	44.	1291	43.	1292	43.	1293	43.	1294	42.
1295	42.	1296	42.	1297	41.	1298	41.	1299	41.
1300	41.	1310	37.	1320	31.	1330	27.	1340	26.
1350	24.	1360	20.	1370	17.	1380	15.	1390	14.
1400	13.	1420	10.	1440	9.	1460	7.	1500	5.

CALLEGUA. 990

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 (OLD 675C) AT CALDWELL ABOVE HWY 118 W-100P
 HYDROGRAPH AT 15031 672C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	1.	1050	3.	1100	3.	1110	7.	1120	6.
1130	11.	1131	11.	1132	11.	1133	11.	1134	12.
1135	12.	1136	12.	1137	12.	1138	13.	1139	13.
1140	14.	1141	15.	1142	16.	1143	16.	1144	17.
1145	18.	1146	20.	1147	22.	1148	23.	1149	30.
1150	37.	1151	36.	1152	50.	1153	57.	1154	58.
1155	57.	1156	55.	1157	54.	1158	52.	1159	44.
1160	37.	1161	36.	1162	21.	1163	13.	1164	11.
1165	10.	1166	8.	1167	7.	1168	7.	1169	7.
1170	5.	1171	5.	1172	5.	1173	5.	1174	4.
1175	4.	1176	4.	1177	3.	1178	3.	1179	2.
1180	3.	1181	2.	1182	2.	1183	2.	1184	2.
1185	2.	1186	2.	1187	2.	1188	2.	1189	2.
1190	2.	1191	2.	1192	2.	1193	2.	1194	2.
1195	2.	1196	2.	1197	2.	1198	2.	1199	2.
1200	2.	1201	2.	1202	2.	1203	2.	1204	2.
1205	1.	1206	1.	1207	1.	1208	1.	1209	1.
1210	1.	1211	1.	1212	1.	1213	1.	1214	1.
1215	1.	1216	1.	1217	1.	1218	1.	1219	1.
1220	1.	1221	1.	1222	1.	1223	1.	1224	1.
1225	1.	1226	1.	1227	1.	1228	1.	1229	1.
1230	1.	1231	1.	1232	1.	1233	1.	1234	1.
1235	1.	1236	1.	1237	1.	1238	1.	1239	0.
1240	0.	1241	1.	1242	0.	1243	0.	1244	1.
1245	0.	1246	0.	1247	1.	1248	0.	1249	0.
1250	1.	1251	0.	1252	0.	1253	1.	1254	0.
1255	0.	1256	1.	1257	0.	1258	0.	1259	1.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 N. SIMI DRN. AT JCT. W/CALDWELL ST. Q-100P
 HYDROGRAPH AT 15031 673B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	6.	200	6.	300	8.	400	9.
500	10.	600	12.	700	13.	800	15.	900	21.
1000	44.	1050	81.	1100	129.	1110	151.	1120	180.
1130	223.	1131	230.	1132	236.	1133	242.	1134	249.
1135	256.	1136	263.	1137	271.	1138	278.	1139	286.
1140	295.	1141	304.	1142	314.	1143	324.	1144	335.
1145	347.	1146	360.	1147	374.	1148	390.	1149	409.
1150	434.	1151	471.	1152	510.	1153	557.	1154	618.
1155	686.	1156	753.	1157	819.	1158	885.	1159	947.

CALLEGUA. 990

1160	996.	1161	1029.	1162	1050.	1163	1066.	1164	1072.
1165	1069.	1166	1072.	1167	1082.	1168	1096.	1169	1110.
1170	1122.	1171	1134.	1172	1143.	1173	1149.	1174	1152.
1175	1150.	1176	1141.	1177	1125.	1178	1102.	1179	1075.
1180	1042.	1181	1004.	1182	962.	1183	920.	1184	877.
1185	835.	1186	795.	1187	758.	1188	721.	1189	686.
1190	651.	1191	618.	1192	587.	1193	557.	1194	529.
1195	502.	1196	478.	1197	455.	1198	433.	1199	413.
1200	396.	1201	381.	1202	366.	1203	352.	1204	337.
1205	323.	1206	309.	1207	296.	1208	283.	1209	271.
1210	260.	1211	249.	1212	238.	1213	228.	1214	219.
1215	210.	1216	202.	1217	195.	1218	187.	1219	181.
1220	174.	1221	168.	1222	162.	1223	157.	1224	152.
1225	147.	1226	143.	1227	139.	1228	136.	1229	132.
1230	129.	1231	126.	1232	124.	1233	122.	1234	119.
1235	117.	1236	115.	1237	113.	1238	110.	1239	108.
1240	106.	1241	104.	1242	102.	1243	100.	1244	98.
1245	96.	1246	95.	1247	93.	1248	91.	1249	89.
1250	88.	1251	86.	1252	84.	1253	83.	1254	82.
1255	80.	1256	79.	1257	78.	1258	77.	1259	76.
1260	75.	1261	74.	1262	73.	1263	72.	1264	71.
1265	71.	1266	70.	1267	69.	1268	68.	1269	67.
1270	67.	1271	66.	1272	65.	1273	64.	1274	63.
1275	62.	1276	61.	1277	60.	1278	59.	1279	58.
1280	57.	1281	56.	1282	55.	1283	54.	1284	53.
1285	52.	1286	51.	1287	50.	1288	50.	1289	49.
1290	48.	1291	48.	1292	47.	1293	46.	1294	46.
1295	45.	1296	45.	1297	44.	1298	44.	1299	44.
1300	43.	1310	40.	1320	36.	1330	31.	1340	28.
1350	26.	1360	23.	1370	20.	1380	18.	1390	16.
1400	14.	1420	12.	1440	9.	1460	8.	1500	6.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

(OLD 672B) Q-100P

HYDROGRAPH AT 15031		674B		STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	9.	200	10.	300	12.	400	13.
500	14.	600	16.	700	17.	800	19.	900	26.
1000	49.	1050	86.	1100	134.	1110	159.	1120	186.
1130	232.	1131	238.	1132	243.	1133	249.	1134	256.
1135	263.	1136	269.	1137	277.	1138	285.	1139	293.
1140	302.	1141	312.	1142	322.	1143	332.	1144	343.
1145	355.	1146	369.	1147	383.	1148	398.	1149	423.
1150	450.	1151	475.	1152	527.	1153	575.	1154	621.
1155	675.	1156	736.	1157	800.	1158	865.	1159	933.
1160	991.	1161	1033.	1162	1070.	1163	1075.	1164	1081.
1165	1086.	1166	1086.	1167	1087.	1168	1093.	1169	1105.
1170	1117.	1171	1129.	1172	1140.	1173	1149.	1174	1156.
1175	1158.	1176	1157.	1177	1150.	1178	1136.	1179	1115.
1180	1089.	1181	1058.	1182	1022.	1183	982.	1184	940.
1185	898.	1186	856.	1187	819.	1188	782.	1189	747.
1190	712.	1191	678.	1192	644.	1193	612.	1194	581.
1195	552.	1196	525.	1197	500.	1198	476.	1199	454.
1200	433.	1201	414.	1202	398.	1203	386.	1204	372.
1205	358.	1206	344.	1207	330.	1208	316.	1209	303.
1210	290.	1211	278.	1212	266.	1213	255.	1214	245.
1215	235.	1216	226.	1217	217.	1218	209.	1219	201.
1220	194.	1221	187.	1222	181.	1223	175.	1224	169.
1225	164.	1226	159.	1227	154.	1228	150.	1229	146.
1230	143.	1231	139.	1232	136.	1233	133.	1234	131.

CALLEGUA. 990									
1235	129.	1236	127.	1237	124.	1238	122.	1239	120.
1240	118.	1241	116.	1242	114.	1243	112.	1244	110.
1245	108.	1246	106.	1247	104.	1248	102.	1249	100.
1250	98.	1251	97.	1252	95.	1253	93.	1254	92.
1255	90.	1256	89.	1257	88.	1258	86.	1259	85.
1260	84.	1261	83.	1262	82.	1263	81.	1264	80.
1265	79.	1266	78.	1267	77.	1268	76.	1269	75.
1270	75.	1271	74.	1272	73.	1273	72.	1274	71.
1275	70.	1276	70.	1277	69.	1278	68.	1279	67.
1280	66.	1281	65.	1282	64.	1283	63.	1284	62.
1285	61.	1286	60.	1287	59.	1288	58.	1289	57.
1290	56.	1291	55.	1292	55.	1293	54.	1294	53.
1295	53.	1296	52.	1297	51.	1298	51.	1299	50.
1300	50.	1310	46.	1320	42.	1330	37.	1340	33.
1350	30.	1360	28.	1370	25.	1380	22.	1390	20.
1400	18.	1420	15.	1440	12.	1460	9.	1500	6.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
(OLD 673C) WESTERN LATL. ABOVE FUTURE PROJECT Q-100P
HYDROGRAPH AT 15031 675D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	1.	400	1.
500	1.	600	1.	700	1.	800	2.	900	5.
1000	9.	1050	15.	1100	18.	1110	30.	1120	27.
1130	42.	1131	43.	1132	43.	1133	44.	1134	46.
1135	47.	1136	46.	1137	48.	1138	49.	1139	51.
1140	53.	1141	56.	1142	59.	1143	62.	1144	64.
1145	68.	1146	73.	1147	80.	1148	84.	1149	106.
1150	129.	1151	127.	1152	174.	1153	196.	1154	199.
1155	199.	1156	194.	1157	189.	1158	182.	1159	176.
1160	151.	1161	125.	1162	124.	1163	75.	1164	51.
1165	42.	1166	37.	1167	33.	1168	30.	1169	30.
1170	26.	1171	24.	1172	23.	1173	22.	1174	21.
1175	18.	1176	19.	1177	17.	1178	17.	1179	16.
1180	14.	1181	15.	1182	15.	1183	14.	1184	14.
1185	14.	1186	13.	1187	13.	1188	14.	1189	14.
1190	14.	1191	14.	1192	13.	1193	13.	1194	14.
1195	14.	1196	13.	1197	14.	1198	14.	1199	13.
1200	13.	1201	13.	1202	12.	1203	12.	1204	12.
1205	11.	1206	10.	1207	10.	1208	10.	1209	9.
1210	9.	1211	8.	1212	8.	1213	8.	1214	8.
1215	8.	1216	8.	1217	9.	1218	8.	1219	8.
1220	8.	1221	9.	1222	9.	1223	8.	1224	8.
1225	9.	1226	9.	1227	8.	1228	8.	1229	9.
1230	9.	1231	8.	1232	8.	1233	8.	1234	8.
1235	8.	1236	8.	1237	8.	1238	8.	1239	8.
1240	8.	1241	8.	1242	8.	1243	8.	1244	8.
1245	8.	1246	8.	1247	8.	1248	8.	1249	8.
1250	8.	1251	8.	1252	8.	1253	8.	1254	8.
1255	8.	1256	8.	1257	8.	1258	8.	1259	8.
1260	8.	1261	8.	1262	7.	1263	7.	1264	7.
1265	7.	1266	6.	1267	6.	1268	6.	1269	6.
1270	5.	1271	4.	1272	4.	1273	5.	1274	5.
1275	4.	1276	4.	1277	5.	1278	5.	1279	4.
1280	4.	1281	5.	1282	5.	1283	4.	1284	4.
1285	5.	1286	5.	1287	4.	1288	4.	1289	5.
1290	5.	1291	4.	1292	4.	1293	4.	1294	5.
1295	4.	1296	4.	1297	5.	1298	5.	1299	4.
1300	4.	1310	1.	1320	1.	1330	1.	1340	1.
1350	1.	1360	1.	1370	1.	1380	1.	1390	1.

CALLEGUA. 990

1400 1. 1420 1. 1440 1. 1460 0. 1500 0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 (OLD 674C) WESTERN LATL. PRIOR TO SPLIT Q-100P
 HYDROGRAPH AT 15031 676D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	2.	300	3.	400	3.
500	3.	600	3.	700	3.	800	4.	900	6.
1000	11.	1050	17.	1100	20.	1110	31.	1120	36.
1130	51.	1131	53.	1132	55.	1133	58.	1134	60.
1135	62.	1136	63.	1137	65.	1138	67.	1139	69.
1140	71.	1141	74.	1142	77.	1143	80.	1144	84.
1145	89.	1146	95.	1147	100.	1148	105.	1149	123.
1150	139.	1151	143.	1152	177.	1153	202.	1154	216.
1155	234.	1156	255.	1157	273.	1158	282.	1159	286.
1160	287.	1161	283.	1162	265.	1163	243.	1164	232.
1165	190.	1166	159.	1167	137.	1168	117.	1169	101.
1170	86.	1171	75.	1172	67.	1173	58.	1174	53.
1175	48.	1176	44.	1177	39.	1178	36.	1179	34.
1180	32.	1181	30.	1182	28.	1183	27.	1184	26.
1185	25.	1186	23.	1187	22.	1188	21.	1189	21.
1190	20.	1191	19.	1192	19.	1193	18.	1194	18.
1195	18.	1196	18.	1197	17.	1198	17.	1199	17.
1200	17.	1201	17.	1202	17.	1203	17.	1204	16.
1205	16.	1206	16.	1207	16.	1208	16.	1209	16.
1210	16.	1211	15.	1212	15.	1213	15.	1214	14.
1215	14.	1216	14.	1217	13.	1218	13.	1219	13.
1220	12.	1221	12.	1222	12.	1223	12.	1224	12.
1225	12.	1226	12.	1227	11.	1228	11.	1229	11.
1230	11.	1231	11.	1232	11.	1233	11.	1234	11.
1235	11.	1236	11.	1237	11.	1238	11.	1239	11.
1240	11.	1241	11.	1242	11.	1243	11.	1244	11.
1245	11.	1246	11.	1247	11.	1248	11.	1249	11.
1250	11.	1251	11.	1252	11.	1253	11.	1254	11.
1255	11.	1256	11.	1257	10.	1258	10.	1259	10.
1260	10.	1261	10.	1262	10.	1263	10.	1264	10.
1265	10.	1266	10.	1267	10.	1268	10.	1269	10.
1270	10.	1271	10.	1272	10.	1273	10.	1274	10.
1275	9.	1276	9.	1277	9.	1278	9.	1279	9.
1280	8.	1281	8.	1282	8.	1283	8.	1284	8.
1285	8.	1286	8.	1287	7.	1288	7.	1289	7.
1290	7.	1291	7.	1292	7.	1293	7.	1294	7.
1295	7.	1296	7.	1297	7.	1298	7.	1299	7.
1300	7.	1310	6.	1320	5.	1330	4.	1340	3.
1350	3.	1360	3.	1370	2.	1380	2.	1390	2.
1400	2.	1420	2.	1440	2.	1460	1.	1500	1.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 NO SIMI WEST LATL. W/ SPLIT OF 150CFS TO PIPE Q-100P
 HYDROGRAPH AT 15031 677D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	2.	300	3.	400	3.
500	3.	600	3.	700	3.	800	4.	900	6.
1000	11.	1050	17.	1100	20.	1110	31.	1120	36.
1130	51.	1131	53.	1132	55.	1133	58.	1134	60.
1135	62.	1136	63.	1137	65.	1138	67.	1139	69.
1140	71.	1141	74.	1142	77.	1143	80.	1144	84.
1145	89.	1146	95.	1147	100.	1148	105.	1149	123.
1150	139.	1151	143.	1152	150.	1153	150.	1154	150.

CALLEGUA. 990

1155	150.	1156	150.	1157	150.	1158	150.	1159	150.
1160	150.	1161	150.	1162	150.	1163	150.	1164	150.
1165	150.	1166	150.	1167	137.	1168	117.	1169	101.
1170	86.	1171	75.	1172	67.	1173	58.	1174	53.
1175	48.	1176	44.	1177	39.	1178	36.	1179	34.
1180	32.	1181	30.	1182	28.	1183	27.	1184	26.
1185	25.	1186	23.	1187	22.	1188	21.	1189	21.
1190	20.	1191	19.	1192	19.	1193	18.	1194	18.
1195	18.	1196	18.	1197	17.	1198	17.	1199	17.
1200	17.	1201	17.	1202	17.	1203	17.	1204	16.
1205	16.	1206	16.	1207	16.	1208	16.	1209	16.
1210	16.	1211	15.	1212	15.	1213	15.	1214	14.
1215	14.	1216	14.	1217	13.	1218	13.	1219	13.
1220	12.	1221	12.	1222	12.	1223	12.	1224	12.
1225	12.	1226	12.	1227	11.	1228	11.	1229	11.
1230	11.	1231	11.	1232	11.	1233	11.	1234	11.
1235	11.	1236	11.	1237	11.	1238	11.	1239	11.
1240	11.	1241	11.	1242	11.	1243	11.	1244	11.
1245	11.	1246	11.	1247	11.	1248	11.	1249	11.
1250	11.	1251	11.	1252	11.	1253	11.	1254	11.
1255	11.	1256	11.	1257	10.	1258	10.	1259	10.
1260	10.	1261	10.	1262	10.	1263	10.	1264	10.
1265	10.	1266	10.	1267	10.	1268	10.	1269	10.
1270	10.	1271	10.	1272	10.	1273	10.	1274	10.
1275	9.	1276	9.	1277	9.	1278	9.	1279	9.
1280	8.	1281	8.	1282	8.	1283	8.	1284	8.
1285	8.	1286	8.	1287	7.	1288	7.	1289	7.
1290	7.	1291	7.	1292	7.	1293	7.	1294	7.
1295	7.	1296	7.	1297	7.	1298	7.	1299	7.
1300	7.	1310	6.	1320	5.	1330	4.	1340	3.
1350	3.	1360	3.	1370	2.	1380	2.	1390	2.
1400	2.	1420	2.	1440	2.	1460	1.	1500	1.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

HYDROG AFTER SPLIT OF 150 CFS TO NO. SIMI DRN. Q100P
 HYDROGRAPH AT 15031 677F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	27.	1153	52.	1154	66.
1155	84.	1156	105.	1157	123.	1158	132.	1159	136.
1160	137.	1161	133.	1162	115.	1163	93.	1164	82.
1165	40.	1166	9.	1167	0.	1168	0.	1169	0.
1170	0.	1171	0.	1172	0.	1173	0.	1174	0.
1175	0.	1176	0.	1177	0.	1178	0.	1179	0.
1180	0.	1181	0.	1182	0.	1183	0.	1184	0.
1185	0.	1186	0.	1187	0.	1188	0.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.
1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.

CALLEGUA. 990

1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

NO SIMI DRN BELOW HWY 118 AT JCT. W/42" PIPE Q100P
 HYDROGRAPH AT 15031 678B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	11.	200	12.	300	15.	400	16.
500	17.	600	19.	700	20.	800	23.	900	32.
1000	60.	1050	102.	1100	155.	1110	187.	1120	222.
1130	280.	1131	287.	1132	294.	1133	303.	1134	312.
1135	321.	1136	330.	1137	339.	1138	349.	1139	359.
1140	370.	1141	382.	1142	394.	1143	407.	1144	421.
1145	437.	1146	455.	1147	475.	1148	495.	1149	526.
1150	564.	1151	604.	1152	667.	1153	720.	1154	769.
1155	825.	1156	886.	1157	950.	1158	1015.	1159	1083.
1160	1141.	1161	1183.	1162	1220.	1163	1225.	1164	1231.
1165	1236.	1166	1236.	1167	1236.	1168	1236.	1169	1232.
1170	1227.	1171	1224.	1172	1222.	1173	1221.	1174	1220.
1175	1215.	1176	1209.	1177	1197.	1178	1179.	1179	1154.
1180	1125.	1181	1092.	1182	1054.	1183	1012.	1184	969.
1185	925.	1186	882.	1187	843.	1188	805.	1189	770.
1190	734.	1191	698.	1192	664.	1193	631.	1194	600.
1195	571.	1196	543.	1197	518.	1198	494.	1199	471.
1200	450.	1201	431.	1202	415.	1203	403.	1204	389.
1205	375.	1206	360.	1207	346.	1208	332.	1209	319.
1210	306.	1211	294.	1212	282.	1213	271.	1214	260.
1215	250.	1216	240.	1217	231.	1218	223.	1219	215.
1220	207.	1221	200.	1222	194.	1223	187.	1224	181.
1225	176.	1226	171.	1227	166.	1228	162.	1229	158.
1230	154.	1231	151.	1232	147.	1233	145.	1234	143.
1235	140.	1236	138.	1237	136.	1238	133.	1239	131.
1240	129.	1241	127.	1242	125.	1243	123.	1244	121.
1245	119.	1246	117.	1247	115.	1248	113.	1249	111.
1250	109.	1251	107.	1252	106.	1253	104.	1254	102.
1255	101.	1256	99.	1257	98.	1258	97.	1259	96.
1260	95.	1261	94.	1262	92.	1263	91.	1264	90.
1265	89.	1266	88.	1267	87.	1268	87.	1269	86.
1270	85.	1271	84.	1272	83.	1273	82.	1274	81.
1275	80.	1276	79.	1277	78.	1278	77.	1279	76.
1280	75.	1281	74.	1282	72.	1283	71.	1284	70.
1285	69.	1286	68.	1287	66.	1288	65.	1289	64.
1290	64.	1291	63.	1292	62.	1293	61.	1294	60.
1295	60.	1296	59.	1297	59.	1298	58.	1299	57.
1300	57.	1310	52.	1320	48.	1330	42.	1340	37.

CALLEGUA. 990

1350	33.	1360	30.	1370	27.	1380	25.	1390	22.
1400	21.	1420	17.	1440	14.	1460	11.	1500	8.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 EASTERN LATL. BELOW HWY 118 LMTD TO Q10=83 CFS Q100P
 HYDROGRAPH AT 15031 680D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	5.	200	5.	300	6.	400	6.
500	6.	600	6.	700	7.	800	7.	900	8.
1000	9.	1050	10.	1100	11.	1110	13.	1120	14.
1130	20.	1131	22.	1132	23.	1133	24.	1134	25.
1135	26.	1136	27.	1137	28.	1138	29.	1139	29.
1140	30.	1141	31.	1142	32.	1143	34.	1144	36.
1145	38.	1146	40.	1147	43.	1148	46.	1149	49.
1150	55.	1151	65.	1152	74.	1153	83.	1154	83.
1155	83.	1156	83.	1157	83.	1158	83.	1159	83.
1160	83.	1161	83.	1162	83.	1163	83.	1164	83.
1165	75.	1166	58.	1167	44.	1168	33.	1169	27.
1170	22.	1171	20.	1172	17.	1173	15.	1174	14.
1175	13.	1176	13.	1177	13.	1178	12.	1179	12.
1180	11.	1181	11.	1182	11.	1183	11.	1184	11.
1185	11.	1186	10.	1187	10.	1188	10.	1189	10.
1190	10.	1191	10.	1192	10.	1193	10.	1194	10.
1195	10.	1196	10.	1197	10.	1198	10.	1199	10.
1200	10.	1201	10.	1202	10.	1203	10.	1204	10.
1205	10.	1206	10.	1207	10.	1208	10.	1209	9.
1210	9.	1211	9.	1212	9.	1213	9.	1214	9.
1215	9.	1216	9.	1217	9.	1218	9.	1219	9.
1220	9.	1221	9.	1222	9.	1223	9.	1224	9.
1225	9.	1226	9.	1227	9.	1228	9.	1229	9.
1230	9.	1231	9.	1232	9.	1233	9.	1234	9.
1235	9.	1236	9.	1237	9.	1238	9.	1239	9.
1240	9.	1241	9.	1242	9.	1243	9.	1244	9.
1245	9.	1246	9.	1247	9.	1248	9.	1249	9.
1250	9.	1251	9.	1252	9.	1253	9.	1254	9.
1255	9.	1256	9.	1257	9.	1258	9.	1259	9.
1260	9.	1261	9.	1262	9.	1263	9.	1264	9.
1265	9.	1266	8.	1267	8.	1268	8.	1269	8.
1270	8.	1271	8.	1272	8.	1273	8.	1274	8.
1275	8.	1276	8.	1277	8.	1278	8.	1279	8.
1280	8.	1281	8.	1282	8.	1283	8.	1284	8.
1285	8.	1286	8.	1287	8.	1288	8.	1289	8.
1290	8.	1291	8.	1292	8.	1293	8.	1294	8.
1295	8.	1296	8.	1297	8.	1298	8.	1299	8.
1300	8.	1310	7.	1320	7.	1330	7.	1340	6.
1350	6.	1360	5.	1370	5.	1380	5.	1390	5.
1400	5.	1420	5.	1440	5.	1460	5.	1500	5.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 EAST LATL. IN COCHRAN PRIOR TO JCT. W/ NSIMI DRN Q-100P
 HYDROGRAPH AT 15031 683D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	13.	200	14.	300	16.	400	16.
500	17.	600	18.	700	18.	800	19.	900	21.
1000	25.	1050	28.	1100	31.	1110	39.	1120	41.
1130	56.	1131	59.	1132	61.	1133	63.	1134	66.
1135	68.	1136	70.	1137	72.	1138	75.	1139	78.
1140	80.	1141	84.	1142	87.	1143	91.	1144	95.
1145	101.	1146	106.	1147	112.	1148	119.	1149	134.

CALLEGUA. 990

1150	150.	1151	150.	1152	150.	1153	150.	1154	150.
1155	150.	1156	150.	1157	150.	1158	150.	1159	150.
1160	150.	1161	150.	1162	150.	1163	150.	1164	150.
1165	150.	1166	150.	1167	150.	1168	147.	1169	134.
1170	120.	1171	108.	1172	95.	1173	83.	1174	73.
1175	65.	1176	57.	1177	52.	1178	47.	1179	44.
1180	41.	1181	38.	1182	36.	1183	35.	1184	34.
1185	33.	1186	32.	1187	31.	1188	30.	1189	30.
1190	30.	1191	29.	1192	29.	1193	29.	1194	28.
1195	28.	1196	28.	1197	28.	1198	28.	1199	28.
1200	28.	1201	28.	1202	28.	1203	28.	1204	27.
1205	27.	1206	27.	1207	27.	1208	27.	1209	27.
1210	26.	1211	26.	1212	26.	1213	26.	1214	26.
1215	25.	1216	25.	1217	25.	1218	25.	1219	25.
1220	25.	1221	25.	1222	25.	1223	25.	1224	24.
1225	24.	1226	24.	1227	24.	1228	24.	1229	24.
1230	24.	1231	24.	1232	24.	1233	24.	1234	24.
1235	24.	1236	24.	1237	24.	1238	24.	1239	24.
1240	24.	1241	24.	1242	24.	1243	24.	1244	24.
1245	24.	1246	24.	1247	24.	1248	24.	1249	24.
1250	24.	1251	24.	1252	24.	1253	24.	1254	24.
1255	24.	1256	24.	1257	24.	1258	24.	1259	24.
1260	24.	1261	24.	1262	24.	1263	24.	1264	24.
1265	24.	1266	23.	1267	23.	1268	23.	1269	23.
1270	23.	1271	23.	1272	23.	1273	23.	1274	22.
1275	22.	1276	22.	1277	22.	1278	22.	1279	22.
1280	22.	1281	22.	1282	22.	1283	22.	1284	22.
1285	22.	1286	22.	1287	22.	1288	22.	1289	21.
1290	21.	1291	21.	1292	21.	1293	21.	1294	21.
1295	21.	1296	21.	1297	21.	1298	21.	1299	21.
1300	21.	1310	20.	1320	19.	1330	18.	1340	18.
1350	16.	1360	15.	1370	14.	1380	13.	1390	13.
1400	13.	1420	12.	1440	12.	1460	10.	1500	10.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

NO SIMI DRN. W/COCHRAN ST. LATL. LMTD TO 150 CFS Q100P

HYDROGRAPH AT 15031 684B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	24.	200	26.	300	31.	400	32.
500	34.	600	37.	700	39.	800	42.	900	54.
1000	84.	1050	129.	1100	184.	1110	220.	1120	261.
1130	327.	1131	337.	1132	346.	1133	356.	1134	367.
1135	379.	1136	391.	1137	402.	1138	414.	1139	427.
1140	440.	1141	454.	1142	469.	1143	485.	1144	503.
1145	521.	1146	543.	1147	567.	1148	593.	1149	625.
1150	670.	1151	722.	1152	782.	1153	842.	1154	894.
1155	947.	1156	1005.	1157	1068.	1158	1136.	1159	1204.
1160	1267.	1161	1316.	1162	1355.	1163	1374.	1164	1378.
1165	1384.	1166	1386.	1167	1386.	1168	1386.	1169	1382.
1170	1370.	1171	1353.	1172	1338.	1173	1324.	1174	1310.
1175	1296.	1176	1282.	1177	1264.	1178	1242.	1179	1215.
1180	1184.	1181	1149.	1182	1110.	1183	1068.	1184	1024.
1185	979.	1186	937.	1187	895.	1188	856.	1189	819.
1190	782.	1191	746.	1192	711.	1193	677.	1194	645.
1195	615.	1196	586.	1197	560.	1198	535.	1199	511.
1200	490.	1201	470.	1202	452.	1203	438.	1204	424.
1205	410.	1206	396.	1207	382.	1208	367.	1209	354.
1210	341.	1211	329.	1212	317.	1213	305.	1214	294.
1215	283.	1216	273.	1217	263.	1218	255.	1219	246.
1220	238.	1221	231.	1222	224.	1223	217.	1224	211.

CALLEGUA. 990

1225	205.	1226	199.	1227	194.	1228	190.	1229	186.
1230	182.	1231	178.	1232	175.	1233	171.	1234	169.
1235	167.	1236	164.	1237	162.	1238	160.	1239	157.
1240	155.	1241	153.	1242	151.	1243	149.	1244	147.
1245	145.	1246	143.	1247	141.	1248	139.	1249	137.
1250	135.	1251	133.	1252	131.	1253	129.	1254	128.
1255	126.	1256	125.	1257	123.	1258	122.	1259	121.
1260	120.	1261	119.	1262	118.	1263	116.	1264	115.
1265	114.	1266	113.	1267	112.	1268	111.	1269	110.
1270	109.	1271	108.	1272	107.	1273	106.	1274	105.
1275	104.	1276	103.	1277	102.	1278	101.	1279	99.
1280	98.	1281	97.	1282	96.	1283	94.	1284	93.
1285	92.	1286	91.	1287	89.	1288	88.	1289	87.
1290	86.	1291	85.	1292	84.	1293	83.	1294	83.
1295	82.	1296	81.	1297	81.	1298	80.	1299	80.
1300	79.	1310	73.	1320	67.	1330	61.	1340	56.
1350	50.	1360	45.	1370	42.	1380	38.	1390	36.
1400	34.	1420	30.	1440	27.	1460	24.	1500	24.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

NO SIMI DRN AFTER JCT. W/NORTH LATL. AT FIRST ST. Q100P
 HYDROGRAPH AT 15031 686B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	28.	200	30.	300	35.	400	37.
500	39.	600	42.	700	44.	800	48.	900	60.
1000	91.	1050	136.	1100	193.	1110	229.	1120	271.
1130	338.	1131	348.	1132	358.	1133	368.	1134	378.
1135	390.	1136	402.	1137	414.	1138	426.	1139	438.
1140	452.	1141	466.	1142	483.	1143	500.	1144	518.
1145	537.	1146	559.	1147	584.	1148	611.	1149	644.
1150	689.	1151	741.	1152	804.	1153	879.	1154	948.
1155	1005.	1156	1059.	1157	1116.	1158	1177.	1159	1238.
1160	1294.	1161	1345.	1162	1382.	1163	1397.	1164	1401.
1165	1403.	1166	1404.	1167	1404.	1168	1402.	1169	1400.
1170	1393.	1171	1379.	1172	1362.	1173	1346.	1174	1332.
1175	1317.	1176	1303.	1177	1287.	1178	1268.	1179	1245.
1180	1217.	1181	1185.	1182	1149.	1183	1110.	1184	1067.
1185	1024.	1186	980.	1187	938.	1188	897.	1189	859.
1190	822.	1191	786.	1192	751.	1193	717.	1194	683.
1195	652.	1196	622.	1197	593.	1198	567.	1199	542.
1200	519.	1201	498.	1202	478.	1203	461.	1204	446.
1205	433.	1206	419.	1207	405.	1208	391.	1209	377.
1210	363.	1211	350.	1212	338.	1213	326.	1214	314.
1215	303.	1216	292.	1217	282.	1218	273.	1219	264.
1220	255.	1221	247.	1222	240.	1223	233.	1224	226.
1225	219.	1226	214.	1227	208.	1228	203.	1229	198.
1230	194.	1231	190.	1232	187.	1233	183.	1234	180.
1235	177.	1236	175.	1237	172.	1238	170.	1239	168.
1240	166.	1241	163.	1242	161.	1243	159.	1244	157.
1245	155.	1246	153.	1247	151.	1248	149.	1249	147.
1250	145.	1251	143.	1252	141.	1253	139.	1254	138.
1255	136.	1256	134.	1257	133.	1258	131.	1259	130.
1260	129.	1261	128.	1262	126.	1263	125.	1264	124.
1265	123.	1266	122.	1267	121.	1268	119.	1269	118.
1270	117.	1271	116.	1272	115.	1273	114.	1274	113.
1275	112.	1276	111.	1277	110.	1278	109.	1279	108.
1280	107.	1281	106.	1282	104.	1283	103.	1284	102.
1285	100.	1286	99.	1287	98.	1288	97.	1289	96.
1290	94.	1291	93.	1292	92.	1293	91.	1294	91.
1295	90.	1296	89.	1297	88.	1298	88.	1299	87.

CALLEGUA. 990									
1300	86.	1310	80.	1320	74.	1330	68.	1340	62.
1350	56.	1360	50.	1370	47.	1380	43.	1390	40.
1400	39.	1420	35.	1440	31.	1460	29.	1500	28.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 SPLIT FLW=188 CFS AT AGNEW BEFORE JCT. W/ N SIMI DRN Q100
 HYDROGRAPH AT 15031 692C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	14.	200	15.	300	17.	400	18.
500	18.	600	19.	700	20.	800	21.	900	23.
1000	27.	1050	30.	1100	33.	1110	44.	1120	47.
1130	66.	1131	68.	1132	70.	1133	71.	1134	74.
1135	76.	1136	76.	1137	79.	1138	81.	1139	84.
1140	87.	1141	91.	1142	95.	1143	100.	1144	104.
1145	110.	1146	116.	1147	123.	1148	130.	1149	152.
1150	174.	1151	175.	1152	188.	1153	188.	1154	188.
1155	188.	1156	188.	1157	188.	1158	188.	1159	188.
1160	188.	1161	188.	1162	188.	1163	188.	1164	188.
1165	188.	1166	188.	1167	188.	1168	188.	1169	188.
1170	188.	1171	188.	1172	188.	1173	188.	1174	188.
1175	188.	1176	188.	1177	188.	1178	188.	1179	188.
1180	188.	1181	188.	1182	188.	1183	184.	1184	176.
1185	168.	1186	160.	1187	153.	1188	145.	1189	138.
1190	132.	1191	125.	1192	119.	1193	113.	1194	108.
1195	103.	1196	98.	1197	93.	1198	89.	1199	85.
1200	81.	1201	77.	1202	74.	1203	71.	1204	68.
1205	65.	1206	63.	1207	60.	1208	58.	1209	56.
1210	54.	1211	52.	1212	50.	1213	49.	1214	47.
1215	46.	1216	45.	1217	44.	1218	43.	1219	42.
1220	41.	1221	40.	1222	39.	1223	38.	1224	38.
1225	37.	1226	36.	1227	36.	1228	35.	1229	35.
1230	34.	1231	34.	1232	33.	1233	33.	1234	32.
1235	32.	1236	32.	1237	31.	1238	31.	1239	31.
1240	30.	1241	30.	1242	30.	1243	30.	1244	29.
1245	29.	1246	29.	1247	29.	1248	29.	1249	29.
1250	29.	1251	28.	1252	28.	1253	28.	1254	28.
1255	28.	1256	28.	1257	28.	1258	28.	1259	28.
1260	28.	1261	27.	1262	27.	1263	27.	1264	27.
1265	27.	1266	27.	1267	26.	1268	26.	1269	26.
1270	26.	1271	26.	1272	26.	1273	26.	1274	26.
1275	26.	1276	26.	1277	26.	1278	26.	1279	26.
1280	26.	1281	26.	1282	25.	1283	25.	1284	25.
1285	25.	1286	25.	1287	25.	1288	25.	1289	25.
1290	25.	1291	25.	1292	25.	1293	25.	1294	25.
1295	25.	1296	25.	1297	25.	1298	25.	1299	25.
1300	25.	1310	23.	1320	22.	1330	22.	1340	21.
1350	19.	1360	18.	1370	17.	1380	17.	1390	16.
1400	15.	1420	13.	1440	13.	1460	9.	1500	9.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 NO SIMI DRN AT FIRST STREET W/10-YR LMTD PIPES Q100P
 HYDROGRAPH AT 15031 693B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	42.	200	45.	300	53.	400	55.
500	57.	600	61.	700	65.	800	69.	900	83.
1000	117.	1050	166.	1100	226.	1110	273.	1120	318.
1130	402.	1131	415.	1132	426.	1133	438.	1134	450.
1135	464.	1136	477.	1137	491.	1138	506.	1139	521.
1140	537.	1141	555.	1142	576.	1143	597.	1144	620.

CALLEGUA. 990

1145	644.	1146	672.	1147	703.	1148	737.	1149	784.
1150	851.	1151	915.	1152	984.	1153	1066.	1154	1136.
1155	1193.	1156	1247.	1157	1304.	1158	1365.	1159	1426.
1160	1482.	1161	1533.	1162	1570.	1163	1585.	1164	1589.
1165	1591.	1166	1592.	1167	1592.	1168	1590.	1169	1588.
1170	1581.	1171	1567.	1172	1550.	1173	1534.	1174	1520.
1175	1505.	1176	1491.	1177	1475.	1178	1456.	1179	1433.
1180	1405.	1181	1373.	1182	1337.	1183	1296.	1184	1248.
1185	1196.	1186	1144.	1187	1094.	1188	1046.	1189	1001.
1190	957.	1191	915.	1192	873.	1193	833.	1194	794.
1195	757.	1196	722.	1197	689.	1198	658.	1199	629.
1200	602.	1201	577.	1202	554.	1203	534.	1204	516.
1205	500.	1206	483.	1207	467.	1208	450.	1209	434.
1210	418.	1211	403.	1212	389.	1213	375.	1214	362.
1215	350.	1216	338.	1217	326.	1218	316.	1219	306.
1220	296.	1221	288.	1222	279.	1223	271.	1224	264.
1225	257.	1226	250.	1227	244.	1228	239.	1229	233.
1230	229.	1231	224.	1232	220.	1233	216.	1234	213.
1235	209.	1236	207.	1237	204.	1238	201.	1239	199.
1240	196.	1241	194.	1242	191.	1243	189.	1244	186.
1245	184.	1246	182.	1247	180.	1248	178.	1249	175.
1250	173.	1251	171.	1252	169.	1253	167.	1254	166.
1255	164.	1256	162.	1257	161.	1258	159.	1259	158.
1260	156.	1261	155.	1262	154.	1263	152.	1264	151.
1265	150.	1266	148.	1267	147.	1268	146.	1269	145.
1270	144.	1271	142.	1272	141.	1273	140.	1274	139.
1275	138.	1276	137.	1277	136.	1278	135.	1279	134.
1280	132.	1281	131.	1282	130.	1283	128.	1284	127.
1285	126.	1286	124.	1287	123.	1288	122.	1289	121.
1290	120.	1291	118.	1292	117.	1293	116.	1294	115.
1295	115.	1296	114.	1297	113.	1298	112.	1299	112.
1300	111.	1310	103.	1320	96.	1330	90.	1340	83.
1350	75.	1360	68.	1370	64.	1380	60.	1390	56.
1400	54.	1420	49.	1440	46.	1460	43.	1500	42.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

WEST LATL. ABV. HWY 118 LMTD. TO Q-10=89 CFS Q-100P
 HYDROGRAPH AT 15031 698C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	4.	300	5.	400	5.
500	5.	600	5.	700	6.	800	6.	900	6.
1000	7.	1050	9.	1100	9.	1110	17.	1120	17.
1130	26.	1131	27.	1132	28.	1133	29.	1134	30.
1135	31.	1136	31.	1137	32.	1138	33.	1139	34.
1140	35.	1141	37.	1142	39.	1143	41.	1144	43.
1145	47.	1146	50.	1147	53.	1148	56.	1149	71.
1150	85.	1151	84.	1152	89.	1153	89.	1154	89.
1155	89.	1156	89.	1157	89.	1158	89.	1159	89.
1160	89.	1161	89.	1162	89.	1163	79.	1164	79.
1165	48.	1166	31.	1167	25.	1168	22.	1169	21.
1170	18.	1171	16.	1172	15.	1173	13.	1174	13.
1175	12.	1176	11.	1177	9.	1178	9.	1179	9.
1180	9.	1181	9.	1182	8.	1183	9.	1184	9.
1185	8.	1186	8.	1187	8.	1188	8.	1189	8.
1190	8.	1191	8.	1192	8.	1193	8.	1194	8.
1195	8.	1196	8.	1197	8.	1198	8.	1199	8.
1200	8.	1201	8.	1202	8.	1203	8.	1204	8.
1205	8.	1206	8.	1207	8.	1208	8.	1209	8.
1210	7.	1211	7.	1212	7.	1213	7.	1214	7.
1215	7.	1216	7.	1217	7.	1218	7.	1219	7.

CALLEGUA. 990

1220	7.	1221	7.	1222	7.	1223	7.	1224	7.
1225	7.	1226	7.	1227	7.	1228	7.	1229	7.
1230	7.	1231	7.	1232	7.	1233	7.	1234	7.
1235	7.	1236	7.	1237	7.	1238	7.	1239	7.
1240	7.	1241	7.	1242	7.	1243	7.	1244	7.
1245	7.	1246	7.	1247	7.	1248	7.	1249	7.
1250	7.	1251	7.	1252	7.	1253	7.	1254	7.
1255	7.	1256	7.	1257	7.	1258	7.	1259	7.
1260	7.	1261	7.	1262	7.	1263	7.	1264	7.
1265	7.	1266	7.	1267	7.	1268	7.	1269	7.
1270	7.	1271	7.	1272	6.	1273	6.	1274	6.
1275	6.	1276	6.	1277	6.	1278	6.	1279	6.
1280	6.	1281	6.	1282	6.	1283	6.	1284	6.
1285	6.	1286	6.	1287	6.	1288	6.	1289	6.
1290	6.	1291	6.	1292	6.	1293	6.	1294	6.
1295	6.	1296	6.	1297	6.	1298	6.	1299	6.
1300	6.	1310	6.	1320	5.	1330	5.	1340	5.
1350	4.	1360	4.	1370	4.	1380	4.	1390	4.
1400	4.	1420	3.	1440	3.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

WEST WEST LATL. ABV. HWY 118 LMTD TO Q10 92 CFS Q100P
 HYDROGRAPH AT 15031 700D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	7.	200	8.	300	9.	400	9.
500	10.	600	10.	700	11.	800	11.	900	12.
1000	15.	1050	20.	1100	22.	1110	31.	1120	30.
1130	41.	1131	42.	1132	43.	1133	44.	1134	45.
1135	46.	1136	45.	1137	47.	1138	48.	1139	49.
1140	50.	1141	53.	1142	55.	1143	57.	1144	59.
1145	63.	1146	67.	1147	70.	1148	75.	1149	92.
1150	92.	1151	92.	1152	92.	1153	92.	1154	92.
1155	92.	1156	92.	1157	92.	1158	92.	1159	92.
1160	92.	1161	92.	1162	92.	1163	92.	1164	67.
1165	47.	1166	41.	1167	36.	1168	34.	1169	33.
1170	30.	1171	29.	1172	27.	1173	26.	1174	25.
1175	25.	1176	22.	1177	22.	1178	21.	1179	21.
1180	21.	1181	19.	1182	20.	1183	19.	1184	19.
1185	19.	1186	18.	1187	18.	1188	18.	1189	18.
1190	18.	1191	18.	1192	18.	1193	18.	1194	18.
1195	18.	1196	18.	1197	18.	1198	18.	1199	18.
1200	18.	1201	17.	1202	17.	1203	17.	1204	17.
1205	16.	1206	16.	1207	15.	1208	15.	1209	15.
1210	14.	1211	14.	1212	14.	1213	14.	1214	14.
1215	14.	1216	14.	1217	14.	1218	14.	1219	14.
1220	14.	1221	14.	1222	14.	1223	14.	1224	14.
1225	14.	1226	14.	1227	14.	1228	14.	1229	14.
1230	14.	1231	14.	1232	14.	1233	14.	1234	14.
1235	14.	1236	14.	1237	13.	1238	14.	1239	14.
1240	13.	1241	13.	1242	13.	1243	13.	1244	13.
1245	13.	1246	13.	1247	13.	1248	13.	1249	13.
1250	13.	1251	13.	1252	13.	1253	13.	1254	13.
1255	13.	1256	13.	1257	13.	1258	13.	1259	13.
1260	13.	1261	13.	1262	13.	1263	13.	1264	13.
1265	13.	1266	13.	1267	13.	1268	13.	1269	13.
1270	12.	1271	12.	1272	12.	1273	12.	1274	12.
1275	12.	1276	12.	1277	12.	1278	12.	1279	12.
1280	12.	1281	12.	1282	12.	1283	12.	1284	12.
1285	12.	1286	12.	1287	12.	1288	12.	1289	12.
1290	12.	1291	12.	1292	12.	1293	12.	1294	12.

CALLEGUA. 990									
1295	12.	1296	12.	1297	12.	1298	12.	1299	12.
1300	12.	1310	10.	1320	10.	1330	10.	1340	10.
1350	8.	1360	7.	1370	8.	1380	8.	1390	7.
1400	8.	1420	5.	1440	5.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 NORTH LATERAL (66" PIPE) PRIOR TO JCT. W/N SIMI DRN Q100
 HYDROGRAPH AT 15031 702C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	24.	200	26.	300	30.	400	30.
500	31.	600	33.	700	35.	800	36.	900	40.
1000	47.	1050	57.	1100	62.	1110	79.	1120	85.
1130	108.	1131	112.	1132	116.	1133	120.	1134	124.
1135	127.	1136	129.	1137	132.	1138	135.	1139	138.
1140	141.	1141	147.	1142	152.	1143	157.	1144	164.
1145	173.	1146	181.	1147	192.	1148	204.	1149	232.
1150	263.	1151	276.	1152	332.	1153	361.	1154	371.
1155	375.	1156	377.	1157	373.	1158	368.	1159	362.
1160	357.	1161	334.	1162	310.	1163	309.	1164	265.
1165	234.	1166	207.	1167	175.	1168	149.	1169	127.
1170	110.	1171	100.	1172	92.	1173	86.	1174	81.
1175	78.	1176	73.	1177	71.	1178	68.	1179	66.
1180	64.	1181	60.	1182	60.	1183	58.	1184	57.
1185	57.	1186	56.	1187	55.	1188	55.	1189	55.
1190	55.	1191	55.	1192	54.	1193	54.	1194	54.
1195	54.	1196	54.	1197	54.	1198	54.	1199	54.
1200	54.	1201	54.	1202	54.	1203	53.	1204	53.
1205	52.	1206	51.	1207	50.	1208	50.	1209	49.
1210	48.	1211	47.	1212	47.	1213	47.	1214	46.
1215	46.	1216	46.	1217	46.	1218	46.	1219	45.
1220	46.	1221	46.	1222	46.	1223	46.	1224	46.
1225	46.	1226	46.	1227	46.	1228	46.	1229	46.
1230	46.	1231	46.	1232	46.	1233	45.	1234	45.
1235	46.	1236	45.	1237	45.	1238	45.	1239	45.
1240	45.	1241	45.	1242	45.	1243	45.	1244	45.
1245	45.	1246	45.	1247	45.	1248	45.	1249	45.
1250	45.	1251	45.	1252	45.	1253	45.	1254	45.
1255	45.	1256	45.	1257	45.	1258	45.	1259	45.
1260	45.	1261	45.	1262	44.	1263	44.	1264	44.
1265	43.	1266	43.	1267	43.	1268	42.	1269	42.
1270	42.	1271	41.	1272	41.	1273	41.	1274	40.
1275	40.	1276	40.	1277	40.	1278	40.	1279	40.
1280	40.	1281	40.	1282	40.	1283	40.	1284	40.
1285	40.	1286	40.	1287	40.	1288	40.	1289	40.
1290	40.	1291	40.	1292	40.	1293	40.	1294	40.
1295	40.	1296	40.	1297	40.	1298	40.	1299	40.
1300	40.	1310	36.	1320	34.	1330	34.	1340	33.
1350	28.	1360	25.	1370	25.	1380	25.	1390	25.
1400	25.	1420	21.	1440	20.	1460	11.	1500	11.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 NO SIMI DRN AFTER JCT. W/66" PIPE PRIOR JCT. ARR. SIMI Q100P
 HYDROGRAPH AT 15031 705B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	80.	200	86.	300	98.	400	101.
500	106.	600	113.	700	118.	800	126.	900	144.
1000	188.	1050	248.	1100	315.	1110	368.	1120	428.
1130	526.	1131	539.	1132	553.	1133	572.	1134	589.
1135	607.	1136	622.	1137	640.	1138	658.	1139	676.

CALLEGUA. 990

1140	695.	1141	717.	1142	739.	1143	764.	1144	792.
1145	823.	1146	857.	1147	895.	1148	937.	1149	999.
1150	1076.	1151	1150.	1152	1274.	1153	1395.	1154	1511.
1155	1612.	1156	1697.	1157	1762.	1158	1814.	1159	1860.
1160	1905.	1161	1931.	1162	1945.	1163	1968.	1164	1945.
1165	1918.	1166	1889.	1167	1858.	1168	1826.	1169	1797.
1170	1768.	1171	1745.	1172	1724.	1173	1703.	1174	1681.
1175	1660.	1176	1638.	1177	1619.	1178	1600.	1179	1581.
1180	1560.	1181	1535.	1182	1507.	1183	1475.	1184	1440.
1185	1401.	1186	1357.	1187	1309.	1188	1259.	1189	1210.
1190	1162.	1191	1115.	1192	1071.	1193	1028.	1194	987.
1195	948.	1196	910.	1197	874.	1198	838.	1199	804.
1200	772.	1201	742.	1202	714.	1203	687.	1204	661.
1205	638.	1206	617.	1207	598.	1208	580.	1209	563.
1210	545.	1211	528.	1212	514.	1213	499.	1214	484.
1215	469.	1216	455.	1217	442.	1218	429.	1219	417.
1220	406.	1221	395.	1222	385.	1223	375.	1224	366.
1225	357.	1226	349.	1227	342.	1228	334.	1229	327.
1230	321.	1231	315.	1232	310.	1233	304.	1234	299.
1235	295.	1236	291.	1237	287.	1238	283.	1239	280.
1240	277.	1241	274.	1242	271.	1243	268.	1244	266.
1245	263.	1246	261.	1247	258.	1248	256.	1249	254.
1250	251.	1251	249.	1252	247.	1253	245.	1254	243.
1255	241.	1256	239.	1257	237.	1258	235.	1259	234.
1260	232.	1261	230.	1262	229.	1263	227.	1264	225.
1265	223.	1266	222.	1267	220.	1268	218.	1269	216.
1270	214.	1271	212.	1272	211.	1273	209.	1274	207.
1275	206.	1276	205.	1277	203.	1278	202.	1279	201.
1280	200.	1281	199.	1282	198.	1283	196.	1284	195.
1285	194.	1286	193.	1287	191.	1288	190.	1289	189.
1290	188.	1291	186.	1292	185.	1293	184.	1294	183.
1295	182.	1296	181.	1297	180.	1298	179.	1299	178.
1300	177.	1310	163.	1320	152.	1330	145.	1340	138.
1350	124.	1360	112.	1370	106.	1380	102.	1390	97.
1400	94.	1420	82.	1440	77.	1460	69.	1500	69.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

NO SIMI DRN AT CONFLUENCE W/ARR SIMI Q100
 HYDROGRAPH AT 15031 706B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	80.	200	86.	300	98.	400	101.
500	106.	600	113.	700	118.	800	126.	900	144.
1000	188.	1050	248.	1100	315.	1110	368.	1120	428.
1130	526.	1131	539.	1132	553.	1133	572.	1134	589.
1135	607.	1136	622.	1137	640.	1138	658.	1139	676.
1140	695.	1141	717.	1142	739.	1143	764.	1144	792.
1145	823.	1146	857.	1147	895.	1148	937.	1149	999.
1150	1076.	1151	1150.	1152	1274.	1153	1395.	1154	1511.
1155	1612.	1156	1697.	1157	1762.	1158	1814.	1159	1860.
1160	1905.	1161	1931.	1162	1945.	1163	1968.	1164	1945.
1165	1918.	1166	1889.	1167	1858.	1168	1826.	1169	1797.
1170	1768.	1171	1745.	1172	1724.	1173	1703.	1174	1681.
1175	1660.	1176	1638.	1177	1619.	1178	1600.	1179	1581.
1180	1560.	1181	1535.	1182	1507.	1183	1475.	1184	1440.
1185	1401.	1186	1357.	1187	1309.	1188	1259.	1189	1210.
1190	1162.	1191	1115.	1192	1071.	1193	1028.	1194	987.
1195	948.	1196	910.	1197	874.	1198	838.	1199	804.
1200	772.	1201	742.	1202	714.	1203	687.	1204	661.
1205	638.	1206	617.	1207	598.	1208	580.	1209	563.
1210	545.	1211	528.	1212	514.	1213	499.	1214	484.

CALLEGUA. 990

1215	469.	1216	455.	1217	442.	1218	429.	1219	417.
1220	406.	1221	395.	1222	385.	1223	375.	1224	366.
1225	357.	1226	349.	1227	342.	1228	334.	1229	327.
1230	321.	1231	315.	1232	310.	1233	304.	1234	299.
1235	295.	1236	291.	1237	287.	1238	283.	1239	280.
1240	277.	1241	274.	1242	271.	1243	268.	1244	266.
1245	263.	1246	261.	1247	258.	1248	256.	1249	254.
1250	251.	1251	249.	1252	247.	1253	245.	1254	243.
1255	241.	1256	239.	1257	237.	1258	235.	1259	234.
1260	232.	1261	230.	1262	229.	1263	227.	1264	225.
1265	223.	1266	222.	1267	220.	1268	218.	1269	216.
1270	214.	1271	212.	1272	211.	1273	209.	1274	207.
1275	206.	1276	205.	1277	203.	1278	202.	1279	201.
1280	200.	1281	199.	1282	198.	1283	196.	1284	195.
1285	194.	1286	193.	1287	191.	1288	190.	1289	189.
1290	188.	1291	186.	1292	185.	1293	184.	1294	183.
1295	182.	1296	181.	1297	180.	1298	179.	1299	178.
1300	177.	1310	163.	1320	152.	1330	145.	1340	138.
1350	124.	1360	112.	1370	106.	1380	102.	1390	97.
1400	94.	1420	82.	1440	77.	1460	69.	1500	69.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

TOTAL INFLOW TO LAKE BARD

HYDROGRAPH AT 15031 770D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	6.	200	7.	300	8.	400	8.
500	8.	600	8.	700	9.	800	13.	900	31.
1000	66.	1050	119.	1100	138.	1110	215.	1120	230.
1130	316.	1131	326.	1132	336.	1133	353.	1134	372.
1135	384.	1136	384.	1137	397.	1138	406.	1139	415.
1140	427.	1141	447.	1142	465.	1143	484.	1144	504.
1145	542.	1146	580.	1147	616.	1148	649.	1149	792.
1150	940.	1151	933.	1152	1236.	1153	1386.	1154	1414.
1155	1419.	1156	1415.	1157	1402.	1158	1382.	1159	1353.
1160	1325.	1161	1279.	1162	1231.	1163	1140.	1164	1041.
1165	947.	1166	759.	1167	601.	1168	467.	1169	358.
1170	284.	1171	256.	1172	234.	1173	214.	1174	198.
1175	185.	1176	174.	1177	163.	1178	148.	1179	142.
1180	134.	1181	130.	1182	127.	1183	117.	1184	116.
1185	111.	1186	107.	1187	107.	1188	105.	1189	104.
1190	101.	1191	101.	1192	100.	1193	101.	1194	102.
1195	103.	1196	100.	1197	101.	1198	102.	1199	100.
1200	101.	1201	97.	1202	95.	1203	91.	1204	90.
1205	85.	1206	82.	1207	81.	1208	77.	1209	75.
1210	71.	1211	67.	1212	65.	1213	64.	1214	60.
1215	57.	1216	57.	1217	58.	1218	57.	1219	56.
1220	58.	1221	59.	1222	58.	1223	57.	1224	58.
1225	60.	1226	59.	1227	57.	1228	59.	1229	60.
1230	59.	1231	57.	1232	59.	1233	58.	1234	56.
1235	57.	1236	56.	1237	55.	1238	56.	1239	55.
1240	54.	1241	55.	1242	54.	1243	53.	1244	54.
1245	53.	1246	52.	1247	54.	1248	53.	1249	52.
1250	54.	1251	53.	1252	52.	1253	54.	1254	53.
1255	52.	1256	54.	1257	53.	1258	52.	1259	54.
1260	53.	1261	52.	1262	50.	1263	48.	1264	47.
1265	46.	1266	44.	1267	42.	1268	41.	1269	41.
1270	38.	1271	36.	1272	36.	1273	35.	1274	33.
1275	31.	1276	31.	1277	32.	1278	31.	1279	30.
1280	31.	1281	32.	1282	31.	1283	30.	1284	31.
1285	32.	1286	31.	1287	30.	1288	31.	1289	32.

CALLEGUA. 990									
1290	31.	1291	30.	1292	31.	1293	30.	1294	31.
1295	30.	1296	31.	1297	32.	1298	31.	1299	30.
1300	31.	1310	10.	1320	9.	1330	9.	1340	8.
1350	7.	1360	6.	1370	6.	1380	6.	1390	6.
1400	6.	1420	4.	1440	4.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 LAKE BARD VOLUME AFTER SPLIT
 HYDROGRAPH AT 15031 772F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	6.	200	7.	300	8.	400	8.
500	8.	600	8.	700	9.	800	13.	900	31.
1000	66.	1050	119.	1100	138.	1110	215.	1120	230.
1130	316.	1131	326.	1132	336.	1133	353.	1134	372.
1135	384.	1136	384.	1137	397.	1138	406.	1139	415.
1140	427.	1141	447.	1142	465.	1143	484.	1144	504.
1145	542.	1146	580.	1147	616.	1148	649.	1149	792.
1150	940.	1151	933.	1152	1236.	1153	1386.	1154	1414.
1155	1419.	1156	1415.	1157	1402.	1158	1382.	1159	1353.
1160	1325.	1161	1279.	1162	1231.	1163	1140.	1164	1041.
1165	947.	1166	759.	1167	601.	1168	467.	1169	358.
1170	284.	1171	256.	1172	234.	1173	214.	1174	198.
1175	185.	1176	174.	1177	163.	1178	148.	1179	142.
1180	134.	1181	130.	1182	127.	1183	117.	1184	116.
1185	111.	1186	107.	1187	107.	1188	105.	1189	104.
1190	101.	1191	101.	1192	100.	1193	101.	1194	102.
1195	103.	1196	100.	1197	101.	1198	102.	1199	100.
1200	101.	1201	97.	1202	95.	1203	91.	1204	90.
1205	85.	1206	82.	1207	81.	1208	77.	1209	75.
1210	71.	1211	67.	1212	65.	1213	64.	1214	60.
1215	57.	1216	57.	1217	58.	1218	57.	1219	56.
1220	58.	1221	59.	1222	58.	1223	57.	1224	58.
1225	60.	1226	59.	1227	57.	1228	59.	1229	60.
1230	59.	1231	57.	1232	59.	1233	58.	1234	56.
1235	57.	1236	56.	1237	55.	1238	56.	1239	55.
1240	54.	1241	55.	1242	54.	1243	53.	1244	54.
1245	53.	1246	52.	1247	54.	1248	53.	1249	52.
1250	54.	1251	53.	1252	52.	1253	54.	1254	53.
1255	52.	1256	54.	1257	53.	1258	52.	1259	54.
1260	53.	1261	52.	1262	50.	1263	48.	1264	47.
1265	46.	1266	44.	1267	42.	1268	41.	1269	41.
1270	38.	1271	36.	1272	36.	1273	35.	1274	33.
1275	31.	1276	31.	1277	32.	1278	31.	1279	30.
1280	31.	1281	32.	1282	31.	1283	30.	1284	31.
1285	32.	1286	31.	1287	30.	1288	31.	1289	32.
1290	31.	1291	30.	1292	31.	1293	30.	1294	31.
1295	30.	1296	31.	1297	32.	1298	31.	1299	30.
1300	31.	1310	10.	1320	9.	1330	9.	1340	8.
1350	7.	1360	6.	1370	6.	1380	6.	1390	6.
1400	6.	1420	4.	1440	4.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 SYCAMORE CANYON DETENTION DAM OUTFLOW, Q100P, DBT/LS, 7/97, Y=3.74"
 HYDROGRAPH AT 15031 796B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	40.
500	70.	600	96.	700	121.	800	138.	900	144.
1000	159.	1050	161.	1100	167.	1110	170.	1120	172.
1130	175.	1131	175.	1132	175.	1133	176.	1134	176.

CALLEGUA. 990

1135	176.	1136	176.	1137	177.	1138	177.	1139	177.
1140	178.	1141	178.	1142	178.	1143	178.	1144	179.
1145	179.	1146	179.	1147	180.	1148	180.	1149	180.
1150	181.	1151	181.	1152	181.	1153	181.	1154	182.
1155	182.	1156	182.	1157	182.	1158	182.	1159	183.
1160	183.	1161	183.	1162	183.	1163	184.	1164	184.
1165	184.	1166	184.	1167	185.	1168	185.	1169	185.
1170	185.	1171	186.	1172	186.	1173	186.	1174	187.
1175	187.	1176	188.	1177	188.	1178	188.	1179	189.
1180	189.	1181	190.	1182	190.	1183	206.	1184	225.
1185	244.	1186	262.	1187	279.	1188	296.	1189	313.
1190	329.	1191	345.	1192	360.	1193	375.	1194	389.
1195	403.	1196	417.	1197	433.	1198	462.	1199	491.
1200	519.	1201	545.	1202	571.	1203	596.	1204	620.
1205	644.	1206	667.	1207	689.	1208	710.	1209	730.
1210	750.	1211	769.	1212	788.	1213	806.	1214	823.
1215	840.	1216	856.	1217	872.	1218	888.	1219	902.
1220	917.	1221	930.	1222	944.	1223	957.	1224	969.
1225	981.	1226	993.	1227	1004.	1228	1015.	1229	1026.
1230	1036.	1231	1046.	1232	1055.	1233	1065.	1234	1074.
1235	1082.	1236	1091.	1237	1099.	1238	1107.	1239	1114.
1240	1121.	1241	1128.	1242	1135.	1243	1141.	1244	1148.
1245	1154.	1246	1159.	1247	1165.	1248	1170.	1249	1175.
1250	1180.	1251	1185.	1252	1189.	1253	1194.	1254	1198.
1255	1202.	1256	1205.	1257	1209.	1258	1212.	1259	1215.
1260	1218.	1261	1221.	1262	1224.	1263	1226.	1264	1229.
1265	1231.	1266	1233.	1267	1235.	1268	1237.	1269	1238.
1270	1240.	1271	1241.	1272	1243.	1273	1244.	1274	1245.
1275	1246.	1276	1247.	1277	1247.	1278	1248.	1279	1248.
1280	1249.	1281	1249.	1282	1249.	1283	1249.	1284	1249.
1285	1249.	1286	1249.	1287	1249.	1288	1249.	1289	1248.
1290	1248.	1291	1247.	1292	1247.	1293	1246.	1294	1245.
1295	1244.	1296	1243.	1297	1242.	1298	1241.	1299	1240.
1300	1239.	1310	1226.	1320	1206.	1330	1182.	1340	1154.
1350	1122.	1360	1089.	1370	1053.	1380	1016.	1390	978.
1400	941.	1420	868.	1440	799.	1460	733.	1500	620.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO SIMI AFTER JCT. W/SYCAMORE CANYON
 HYDROGRAPH AT 15031 813A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1397.	200	1439.	300	1620.	400	1953.
500	2340.	600	2723.	700	3167.	800	3691.	900	4474.
1000	6064.	1050	7527.	1100	9472.	1110	9965.	1120	10554.
1130	11279.	1131	11363.	1132	11444.	1133	11528.	1134	11616.
1135	11708.	1136	11803.	1137	11900.	1138	12001.	1139	12106.
1140	12215.	1141	12329.	1142	12449.	1143	12573.	1144	12702.
1145	12837.	1146	12981.	1147	13135.	1148	13297.	1149	13477.
1150	13684.	1151	13911.	1152	14178.	1153	14489.	1154	14831.
1155	15209.	1156	15614.	1157	16043.	1158	16495.	1159	16962.
1160	17423.	1161	17870.	1162	18318.	1163	18741.	1164	19147.
1165	19556.	1166	19935.	1167	20289.	1168	20631.	1169	20960.
1170	21271.	1171	21572.	1172	21882.	1173	22204.	1174	22532.
1175	22857.	1176	23176.	1177	23481.	1178	23762.	1179	24011.
1180	24224.	1181	24395.	1182	24524.	1183	24615.	1184	24676.
1185	24709.	1186	24725.	1187	24733.	1188	24742.	1189	24757.
1190	24781.	1191	24817.	1192	24866.	1193	24926.	1194	25000.
1195	25085.	1196	25184.	1197	25299.	1198	25431.	1199	25584.
1200	25760.	1201	25959.	1202	26179.	1203	26420.	1204	26677.
1205	26941.	1206	27209.	1207	27474.	1208	27732.	1209	27976.

CALLEGUA. 990

1210	28202.	1211	28400.	1212	28563.	1213	28687.	1214	28769.
1215	28808.	1216	28804.	1217	28754.	1218	28662.	1219	28530.
1220	28362.	1221	28160.	1222	27926.	1223	27663.	1224	27377.
1225	27069.	1226	26747.	1227	26420.	1228	26085.	1229	25738.
1230	25379.	1231	25011.	1232	24639.	1233	24271.	1234	23911.
1235	23549.	1236	23183.	1237	22816.	1238	22452.	1239	22100.
1240	21761.	1241	21431.	1242	21104.	1243	20780.	1244	20461.
1245	20150.	1246	19850.	1247	19563.	1248	19283.	1249	19007.
1250	18735.	1251	18469.	1252	18208.	1253	17958.	1254	17716.
1255	17483.	1256	17254.	1257	17031.	1258	16812.	1259	16599.
1260	16392.	1261	16192.	1262	15999.	1263	15814.	1264	15633.
1265	15457.	1266	15285.	1267	15115.	1268	14949.	1269	14787.
1270	14629.	1271	14475.	1272	14327.	1273	14184.	1274	14049.
1275	13920.	1276	13793.	1277	13670.	1278	13550.	1279	13433.
1280	13321.	1281	13212.	1282	13106.	1283	13002.	1284	12900.
1285	12801.	1286	12703.	1287	12608.	1288	12513.	1289	12419.
1290	12327.	1291	12235.	1292	12143.	1293	12050.	1294	11957.
1295	11864.	1296	11772.	1297	11681.	1298	11592.	1299	11504.
1300	11417.	1310	10670.	1320	10084.	1330	9575.	1340	9128.
1350	8703.	1360	8287.	1370	7874.	1380	7462.	1390	7068.
1400	6698.	1420	5956.	1440	5257.	1460	4613.	1500	3556.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CANYON NO. 2 - EXIST. COND. Q100, W/J', DT/WF/LS 7/97, FN=CYN20797. HI
 HYDROGRAPH AT 15031 1051B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	2.
1000	6.	1050	10.	1100	12.	1110	22.	1120	18.
1130	31.	1131	31.	1132	31.	1133	32.	1134	33.
1135	34.	1136	34.	1137	35.	1138	37.	1139	38.
1140	40.	1141	42.	1142	44.	1143	45.	1144	47.
1145	53.	1146	57.	1147	61.	1148	65.	1149	85.
1150	104.	1151	102.	1152	144.	1153	164.	1154	164.
1155	161.	1156	157.	1157	152.	1158	129.	1159	106.
1160	107.	1161	62.	1162	39.	1163	32.	1164	30.
1165	26.	1166	23.	1167	21.	1168	19.	1169	19.
1170	17.	1171	16.	1172	16.	1173	13.	1174	13.
1175	13.	1176	13.	1177	12.	1178	9.	1179	10.
1180	10.	1181	9.	1182	9.	1183	9.	1184	9.
1185	9.	1186	9.	1187	9.	1188	9.	1189	9.
1190	9.	1191	9.	1192	9.	1193	9.	1194	9.
1195	9.	1196	9.	1197	9.	1198	9.	1199	9.
1200	9.	1201	9.	1202	8.	1203	8.	1204	7.
1205	7.	1206	6.	1207	6.	1208	6.	1209	5.
1210	5.	1211	5.	1212	5.	1213	5.	1214	5.
1215	5.	1216	5.	1217	6.	1218	5.	1219	5.
1220	6.	1221	6.	1222	5.	1223	5.	1224	6.
1225	6.	1226	5.	1227	5.	1228	6.	1229	6.
1230	5.	1231	5.	1232	6.	1233	5.	1234	5.
1235	5.	1236	5.	1237	5.	1238	5.	1239	5.
1240	5.	1241	5.	1242	5.	1243	5.	1244	5.
1245	5.	1246	5.	1247	5.	1248	5.	1249	5.
1250	5.	1251	5.	1252	5.	1253	5.	1254	5.
1255	5.	1256	5.	1257	5.	1258	5.	1259	5.
1260	5.	1261	5.	1262	4.	1263	4.	1264	4.
1265	4.	1266	3.	1267	3.	1268	3.	1269	3.
1270	2.	1271	2.	1272	3.	1273	3.	1274	2.
1275	2.	1276	3.	1277	3.	1278	2.	1279	2.
1280	3.	1281	3.	1282	2.	1283	2.	1284	3.

CALLEGUA. 990									
1285	3.	1286	2.	1287	2.	1288	3.	1289	3.
1290	2.	1291	2.	1292	3.	1293	2.	1294	2.
1295	2.	1296	3.	1297	3.	1298	2.	1299	2.
1300	3.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CANYON NO. 2 AT HWY 118 XING PRIOR TO JCT. W/ARROYO SIMI Q100P
 HYDROGRAPH AT 15031 1125B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	21.	200	22.	300	30.	400	49.
500	74.	600	96.	700	123.	800	154.	900	226.
1000	397.	1050	570.	1100	775.	1110	844.	1120	926.
1130	1065.	1131	1080.	1132	1096.	1133	1114.	1134	1134.
1135	1153.	1136	1171.	1137	1193.	1138	1215.	1139	1239.
1140	1262.	1141	1289.	1142	1318.	1143	1350.	1144	1383.
1145	1422.	1146	1462.	1147	1504.	1148	1548.	1149	1620.
1150	1697.	1151	1749.	1152	1875.	1153	1980.	1154	2078.
1155	2192.	1156	2298.	1157	2404.	1158	2536.	1159	2612.
1160	2701.	1161	2806.	1162	2910.	1163	3009.	1164	3107.
1165	3198.	1166	3295.	1167	3394.	1168	3501.	1169	3614.
1170	3719.	1171	3821.	1172	3924.	1173	4021.	1174	4112.
1175	4197.	1176	4276.	1177	4351.	1178	4416.	1179	4467.
1180	4502.	1181	4518.	1182	4514.	1183	4489.	1184	4442.
1185	4375.	1186	4290.	1187	4191.	1188	4081.	1189	3962.
1190	3836.	1191	3705.	1192	3572.	1193	3438.	1194	3304.
1195	3172.	1196	3042.	1197	2916.	1198	2794.	1199	2676.
1200	2563.	1201	2454.	1202	2351.	1203	2252.	1204	2159.
1205	2070.	1206	1987.	1207	1907.	1208	1831.	1209	1759.
1210	1691.	1211	1626.	1212	1564.	1213	1507.	1214	1452.
1215	1401.	1216	1352.	1217	1307.	1218	1264.	1219	1223.
1220	1185.	1221	1149.	1222	1115.	1223	1082.	1224	1052.
1225	1023.	1226	995.	1227	968.	1228	943.	1229	920.
1230	898.	1231	877.	1232	857.	1233	839.	1234	822.
1235	806.	1236	790.	1237	775.	1238	761.	1239	748.
1240	735.	1241	722.	1242	710.	1243	698.	1244	687.
1245	676.	1246	666.	1247	656.	1248	647.	1249	638.
1250	630.	1251	622.	1252	614.	1253	607.	1254	600.
1255	594.	1256	588.	1257	582.	1258	576.	1259	571.
1260	565.	1261	560.	1262	555.	1263	549.	1264	544.
1265	540.	1266	534.	1267	529.	1268	524.	1269	520.
1270	515.	1271	510.	1272	505.	1273	500.	1274	496.
1275	492.	1276	488.	1277	484.	1278	480.	1279	477.
1280	473.	1281	470.	1282	467.	1283	464.	1284	461.
1285	458.	1286	455.	1287	452.	1288	450.	1289	447.
1290	444.	1291	441.	1292	439.	1293	436.	1294	434.
1295	431.	1296	428.	1297	426.	1298	424.	1299	421.
1300	419.	1310	392.	1320	362.	1330	332.	1340	301.
1350	267.	1360	236.	1370	211.	1380	189.	1390	167.
1400	148.	1420	117.	1440	92.	1460	71.	1500	48.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 STRATHEARN CYN TR3963 Q100FW/RAMSEYER PROJ. W/J' DDT/GKC/LS, 7/97
 HYDROGRAPH AT 15031 1128B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	2.	400	2.
500	2.	600	3.	700	4.	800	5.	900	6.
1000	9.	1050	13.	1100	14.	1110	19.	1120	21.

CALLEGUA. 990

1130	26.	1131	26.	1132	27.	1133	28.	1134	29.
1135	30.	1136	30.	1137	32.	1138	33.	1139	33.
1140	34.	1141	35.	1142	36.	1143	38.	1144	39.
1145	41.	1146	44.	1147	46.	1148	48.	1149	58.
1150	67.	1151	67.	1152	85.	1153	94.	1154	97.
1155	97.	1156	98.	1157	97.	1158	97.	1159	95.
1160	94.	1161	93.	1162	91.	1163	88.	1164	86.
1165	82.	1166	79.	1167	69.	1168	58.	1169	58.
1170	38.	1171	28.	1172	24.	1173	22.	1174	21.
1175	19.	1176	18.	1177	18.	1178	16.	1179	16.
1180	15.	1181	15.	1182	14.	1183	14.	1184	13.
1185	13.	1186	13.	1187	12.	1188	13.	1189	12.
1190	12.	1191	12.	1192	12.	1193	12.	1194	12.
1195	12.	1196	12.	1197	12.	1198	12.	1199	12.
1200	12.	1201	12.	1202	11.	1203	11.	1204	11.
1205	11.	1206	11.	1207	10.	1208	10.	1209	10.
1210	10.	1211	10.	1212	10.	1213	10.	1214	9.
1215	9.	1216	9.	1217	9.	1218	9.	1219	9.
1220	9.	1221	9.	1222	9.	1223	9.	1224	9.
1225	9.	1226	9.	1227	9.	1228	9.	1229	9.
1230	9.	1231	9.	1232	9.	1233	9.	1234	9.
1235	9.	1236	9.	1237	9.	1238	9.	1239	9.
1240	9.	1241	9.	1242	9.	1243	8.	1244	9.
1245	9.	1246	8.	1247	8.	1248	8.	1249	8.
1250	8.	1251	8.	1252	8.	1253	8.	1254	8.
1255	8.	1256	8.	1257	8.	1258	8.	1259	8.
1260	8.	1261	8.	1262	8.	1263	8.	1264	8.
1265	8.	1266	8.	1267	8.	1268	7.	1269	7.
1270	7.	1271	7.	1272	7.	1273	7.	1274	7.
1275	7.	1276	7.	1277	6.	1278	6.	1279	6.
1280	6.	1281	6.	1282	6.	1283	6.	1284	6.
1285	6.	1286	6.	1287	6.	1288	6.	1289	6.
1290	6.	1291	6.	1292	6.	1293	6.	1294	6.
1295	6.	1296	6.	1297	6.	1298	6.	1299	6.
1300	6.	1310	4.	1320	3.	1330	3.	1340	3.
1350	1.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

INLET Q AT TERMINUS 16TH CIRCLE & 17TH CIRCLE, Q100F

HYDROGRAPH AT 15031 1138B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	2.	300	4.	400	8.
500	10.	600	14.	700	18.	800	22.	900	31.
1000	51.	1050	76.	1100	100.	1110	116.	1120	130.
1130	163.	1131	167.	1132	170.	1133	174.	1134	178.
1135	183.	1136	186.	1137	191.	1138	197.	1139	202.
1140	208.	1141	216.	1142	222.	1143	229.	1144	237.
1145	246.	1146	255.	1147	265.	1148	277.	1149	300.
1150	324.	1151	334.	1152	381.	1153	413.	1154	436.
1155	462.	1156	491.	1157	515.	1158	535.	1159	554.
1160	573.	1161	581.	1162	592.	1163	622.	1164	622.
1165	633.	1166	657.	1167	678.	1168	691.	1169	696.
1170	692.	1171	680.	1172	660.	1173	637.	1174	615.
1175	595.	1176	574.	1177	555.	1178	534.	1179	513.
1180	490.	1181	468.	1182	445.	1183	423.	1184	401.
1185	379.	1186	358.	1187	339.	1188	320.	1189	301.
1190	284.	1191	268.	1192	253.	1193	239.	1194	226.
1195	213.	1196	202.	1197	192.	1198	183.	1199	174.
1200	166.	1201	159.	1202	152.	1203	146.	1204	141.

CALLEGUA. 990

1205	135.	1206	130.	1207	125.	1208	121.	1209	117.
1210	113.	1211	110.	1212	106.	1213	103.	1214	101.
1215	98.	1216	96.	1217	93.	1218	91.	1219	89.
1220	87.	1221	85.	1222	83.	1223	82.	1224	80.
1225	79.	1226	78.	1227	77.	1228	76.	1229	75.
1230	74.	1231	73.	1232	72.	1233	71.	1234	70.
1235	69.	1236	68.	1237	67.	1238	66.	1239	66.
1240	65.	1241	64.	1242	63.	1243	62.	1244	62.
1245	61.	1246	60.	1247	60.	1248	59.	1249	58.
1250	58.	1251	57.	1252	57.	1253	56.	1254	56.
1255	56.	1256	55.	1257	55.	1258	55.	1259	54.
1260	54.	1261	54.	1262	54.	1263	53.	1264	53.
1265	53.	1266	53.	1267	53.	1268	52.	1269	52.
1270	52.	1271	52.	1272	52.	1273	52.	1274	52.
1275	51.	1276	51.	1277	51.	1278	51.	1279	51.
1280	51.	1281	51.	1282	51.	1283	50.	1284	50.
1285	50.	1286	50.	1287	49.	1288	49.	1289	49.
1290	49.	1291	48.	1292	48.	1293	48.	1294	47.
1295	47.	1296	47.	1297	46.	1298	46.	1299	45.
1300	45.	1310	41.	1320	38.	1330	35.	1340	31.
1350	27.	1360	23.	1370	20.	1380	18.	1390	15.
1400	13.	1420	8.	1440	5.	1460	3.	1500	2.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

Q @ PRIVATE RECREATION AREA, PARCEL R-3 Q100F
 HYDROGRAPH AT 15031 1139B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	5.	300	7.	400	10.
500	13.	600	17.	700	21.	800	25.	900	34.
1000	55.	1050	83.	1100	110.	1110	131.	1120	144.
1130	181.	1131	185.	1132	189.	1133	193.	1134	199.
1135	203.	1136	207.	1137	212.	1138	217.	1139	223.
1140	230.	1141	238.	1142	246.	1143	253.	1144	262.
1145	275.	1146	286.	1147	298.	1148	311.	1149	339.
1150	370.	1151	386.	1152	443.	1153	484.	1154	516.
1155	544.	1156	568.	1157	591.	1158	598.	1159	601.
1160	623.	1161	602.	1162	598.	1163	605.	1164	618.
1165	629.	1166	639.	1167	649.	1168	663.	1169	680.
1170	692.	1171	701.	1172	702.	1173	694.	1174	683.
1175	663.	1176	642.	1177	619.	1178	594.	1179	575.
1180	553.	1181	531.	1182	508.	1183	485.	1184	462.
1185	440.	1186	418.	1187	397.	1188	376.	1189	357.
1190	337.	1191	319.	1192	302.	1193	286.	1194	270.
1195	257.	1196	243.	1197	230.	1198	219.	1199	208.
1200	199.	1201	190.	1202	181.	1203	173.	1204	166.
1205	159.	1206	152.	1207	146.	1208	141.	1209	135.
1210	131.	1211	126.	1212	123.	1213	119.	1214	115.
1215	112.	1216	109.	1217	107.	1218	104.	1219	101.
1220	99.	1221	97.	1222	95.	1223	93.	1224	91.
1225	89.	1226	88.	1227	86.	1228	85.	1229	84.
1230	82.	1231	81.	1232	80.	1233	79.	1234	78.
1235	77.	1236	76.	1237	75.	1238	74.	1239	73.
1240	72.	1241	72.	1242	71.	1243	70.	1244	69.
1245	68.	1246	68.	1247	67.	1248	66.	1249	65.
1250	65.	1251	64.	1252	63.	1253	63.	1254	62.
1255	62.	1256	61.	1257	61.	1258	61.	1259	60.
1260	60.	1261	60.	1262	59.	1263	59.	1264	59.
1265	58.	1266	58.	1267	58.	1268	57.	1269	57.
1270	57.	1271	57.	1272	57.	1273	56.	1274	56.
1275	56.	1276	56.	1277	56.	1278	56.	1279	56.

CALLEGUA. 990									
1280	56.	1281	55.	1282	55.	1283	55.	1284	55.
1285	55.	1286	55.	1287	54.	1288	54.	1289	54.
1290	54.	1291	53.	1292	53.	1293	53.	1294	53.
1295	52.	1296	52.	1297	52.	1298	51.	1299	51.
1300	51.	1310	46.	1320	43.	1330	39.	1340	36.
1350	31.	1360	28.	1370	24.	1380	21.	1390	19.
1400	16.	1420	11.	1440	8.	1460	4.	1500	2.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 Q @ [STL STRS. [STVR; P-2 Q100F
 HYDROGRAPH AT 15031 1143B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	5.	200	6.	300	8.	400	12.
500	14.	600	18.	700	23.	800	27.	900	36.
1000	57.	1050	87.	1100	116.	1110	136.	1120	152.
1130	187.	1131	192.	1132	197.	1133	202.	1134	206.
1135	211.	1136	216.	1137	222.	1138	227.	1139	233.
1140	239.	1141	246.	1142	253.	1143	262.	1144	272.
1145	282.	1146	294.	1147	307.	1148	322.	1149	342.
1150	369.	1151	398.	1152	441.	1153	485.	1154	535.
1155	577.	1156	609.	1157	629.	1158	643.	1159	657.
1160	647.	1161	645.	1162	640.	1163	627.	1164	622.
1165	624.	1166	632.	1167	640.	1168	648.	1169	659.
1170	670.	1171	683.	1172	694.	1173	702.	1174	705.
1175	701.	1176	690.	1177	673.	1178	652.	1179	628.
1180	605.	1181	582.	1182	560.	1183	537.	1184	514.
1185	491.	1186	469.	1187	447.	1188	425.	1189	404.
1190	383.	1191	364.	1192	345.	1193	327.	1194	310.
1195	294.	1196	279.	1197	265.	1198	252.	1199	239.
1200	228.	1201	217.	1202	207.	1203	198.	1204	189.
1205	180.	1206	173.	1207	166.	1208	158.	1209	152.
1210	146.	1211	141.	1212	136.	1213	132.	1214	128.
1215	124.	1216	120.	1217	117.	1218	114.	1219	111.
1220	109.	1221	106.	1222	104.	1223	101.	1224	99.
1225	97.	1226	95.	1227	93.	1228	92.	1229	90.
1230	89.	1231	87.	1232	86.	1233	85.	1234	84.
1235	83.	1236	81.	1237	80.	1238	80.	1239	79.
1240	77.	1241	77.	1242	76.	1243	75.	1244	74.
1245	73.	1246	72.	1247	71.	1248	71.	1249	70.
1250	69.	1251	68.	1252	68.	1253	67.	1254	66.
1255	66.	1256	65.	1257	65.	1258	64.	1259	64.
1260	63.	1261	63.	1262	62.	1263	62.	1264	62.
1265	61.	1266	61.	1267	61.	1268	60.	1269	60.
1270	60.	1271	59.	1272	59.	1273	59.	1274	59.
1275	59.	1276	58.	1277	58.	1278	58.	1279	58.
1280	58.	1281	58.	1282	58.	1283	57.	1284	57.
1285	57.	1286	57.	1287	57.	1288	57.	1289	57.
1290	56.	1291	56.	1292	56.	1293	56.	1294	55.
1295	55.	1296	55.	1297	55.	1298	54.	1299	54.
1300	54.	1310	49.	1320	45.	1330	42.	1340	39.
1350	34.	1360	30.	1370	27.	1380	24.	1390	21.
1400	19.	1420	14.	1440	10.	1460	5.	1500	5.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 INLET Q AT TERMINUS C STREET, Q100F
 HYDROGRAPH AT 15031 1145D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	1.	400	1.
500	1.	600	1.	700	1.	800	1.	900	2.

CALLEGUA. 990

1000	4.	1050	6.	1100	7.	1110	12.	1120	11.
1130	17.	1131	17.	1132	17.	1133	17.	1134	18.
1135	19.	1136	18.	1137	19.	1138	20.	1139	20.
1140	21.	1141	23.	1142	24.	1143	24.	1144	25.
1145	28.	1146	30.	1147	32.	1148	34.	1149	45.
1150	54.	1151	53.	1152	75.	1153	85.	1154	85.
1155	83.	1156	81.	1157	78.	1158	67.	1159	55.
1160	56.	1161	33.	1162	21.	1163	17.	1164	16.
1165	14.	1166	13.	1167	12.	1168	11.	1169	11.
1170	10.	1171	10.	1172	9.	1173	8.	1174	8.
1175	8.	1176	8.	1177	7.	1178	6.	1179	7.
1180	6.	1181	6.	1182	6.	1183	6.	1184	6.
1185	6.	1186	6.	1187	6.	1188	6.	1189	6.
1190	6.	1191	6.	1192	6.	1193	6.	1194	6.
1195	6.	1196	6.	1197	6.	1198	6.	1199	6.
1200	6.	1201	6.	1202	5.	1203	5.	1204	5.
1205	5.	1206	4.	1207	4.	1208	4.	1209	4.
1210	4.	1211	4.	1212	4.	1213	4.	1214	4.
1215	4.	1216	4.	1217	4.	1218	4.	1219	4.
1220	4.	1221	4.	1222	4.	1223	4.	1224	4.
1225	4.	1226	4.	1227	4.	1228	4.	1229	4.
1230	4.	1231	4.	1232	4.	1233	4.	1234	4.
1235	4.	1236	4.	1237	4.	1238	4.	1239	4.
1240	4.	1241	4.	1242	4.	1243	4.	1244	4.
1245	4.	1246	4.	1247	4.	1248	4.	1249	4.
1250	4.	1251	4.	1252	4.	1253	4.	1254	4.
1255	4.	1256	4.	1257	4.	1258	4.	1259	4.
1260	4.	1261	4.	1262	3.	1263	3.	1264	3.
1265	3.	1266	3.	1267	3.	1268	3.	1269	3.
1270	2.	1271	2.	1272	3.	1273	3.	1274	2.
1275	2.	1276	3.	1277	3.	1278	2.	1279	2.
1280	3.	1281	3.	1282	2.	1283	2.	1284	3.
1285	3.	1286	2.	1287	2.	1288	3.	1289	3.
1290	2.	1291	2.	1292	3.	1293	2.	1294	2.
1295	2.	1296	3.	1297	3.	1298	2.	1299	2.
1300	3.	1310	1.	1320	1.	1330	1.	1340	1.
1350	1.	1360	1.	1370	1.	1380	1.	1390	1.
1400	1.	1420	1.	1440	1.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

INLET Q AT 7TH CIRCLE, Q100F

HYDROGRAPH AT 15031 1148E STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	1.	400	1.
500	1.	600	1.	700	1.	800	1.	900	4.
1000	8.	1050	13.	1100	15.	1110	22.	1120	23.
1130	32.	1131	33.	1132	34.	1133	35.	1134	37.
1135	39.	1136	38.	1137	40.	1138	40.	1139	41.
1140	42.	1141	44.	1142	46.	1143	48.	1144	50.
1145	54.	1146	58.	1147	61.	1148	64.	1149	78.
1150	93.	1151	93.	1152	123.	1153	137.	1154	140.
1155	141.	1156	140.	1157	139.	1158	137.	1159	135.
1160	131.	1161	126.	1162	121.	1163	116.	1164	102.
1165	85.	1166	84.	1167	52.	1168	36.	1169	32.
1170	27.	1171	25.	1172	23.	1173	21.	1174	20.
1175	18.	1176	18.	1177	17.	1178	16.	1179	14.
1180	14.	1181	14.	1182	14.	1183	13.	1184	11.
1185	12.	1186	12.	1187	11.	1188	11.	1189	11.
1190	11.	1191	11.	1192	11.	1193	11.	1194	11.
1195	11.	1196	11.	1197	11.	1198	11.	1199	11.

CALLEGUA. 990

1200	11.	1201	11.	1202	10.	1203	10.	1204	10.
1205	10.	1206	9.	1207	9.	1208	9.	1209	8.
1210	8.	1211	8.	1212	7.	1213	7.	1214	7.
1215	7.	1216	7.	1217	7.	1218	7.	1219	7.
1220	7.	1221	7.	1222	7.	1223	7.	1224	7.
1225	7.	1226	7.	1227	7.	1228	7.	1229	7.
1230	7.	1231	7.	1232	7.	1233	7.	1234	7.
1235	7.	1236	7.	1237	7.	1238	7.	1239	7.
1240	6.	1241	7.	1242	7.	1243	6.	1244	6.
1245	6.	1246	6.	1247	6.	1248	6.	1249	6.
1250	6.	1251	6.	1252	6.	1253	6.	1254	6.
1255	6.	1256	6.	1257	6.	1258	6.	1259	6.
1260	6.	1261	6.	1262	6.	1263	6.	1264	6.
1265	5.	1266	5.	1267	5.	1268	5.	1269	5.
1270	5.	1271	4.	1272	4.	1273	4.	1274	4.
1275	3.	1276	3.	1277	4.	1278	4.	1279	3.
1280	3.	1281	4.	1282	4.	1283	3.	1284	3.
1285	4.	1286	4.	1287	3.	1288	3.	1289	4.
1290	4.	1291	3.	1292	3.	1293	3.	1294	4.
1295	3.	1296	3.	1297	4.	1298	4.	1299	3.
1300	3.	1310	1.	1320	1.	1330	1.	1340	1.
1350	1.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

INLET Q AT PECAN AVENUE, Q100F
 HYDROGRAPH AT 15031 1161C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	2.	400	5.
500	7.	600	10.	700	13.	800	16.	900	24.
1000	43.	1050	64.	1100	84.	1110	90.	1120	98.
1130	121.	1131	124.	1132	127.	1133	131.	1134	135.
1135	140.	1136	144.	1137	148.	1138	153.	1139	158.
1140	164.	1141	170.	1142	176.	1143	182.	1144	188.
1145	196.	1146	203.	1147	212.	1148	221.	1149	235.
1150	253.	1151	265.	1152	289.	1153	313.	1154	332.
1155	350.	1156	371.	1157	394.	1158	415.	1159	434.
1160	452.	1161	469.	1162	488.	1163	508.	1164	529.
1165	550.	1166	570.	1167	589.	1168	602.	1169	610.
1170	615.	1171	611.	1172	598.	1173	585.	1174	572.
1175	557.	1176	547.	1177	525.	1178	507.	1179	491.
1180	474.	1181	457.	1182	439.	1183	423.	1184	406.
1185	389.	1186	372.	1187	355.	1188	338.	1189	320.
1190	304.	1191	287.	1192	272.	1193	257.	1194	243.
1195	230.	1196	218.	1197	206.	1198	196.	1199	186.
1200	177.	1201	169.	1202	161.	1203	154.	1204	147.
1205	141.	1206	135.	1207	130.	1208	125.	1209	120.
1210	116.	1211	112.	1212	108.	1213	105.	1214	101.
1215	98.	1216	95.	1217	93.	1218	90.	1219	88.
1220	86.	1221	84.	1222	82.	1223	80.	1224	79.
1225	77.	1226	76.	1227	74.	1228	73.	1229	72.
1230	70.	1231	69.	1232	68.	1233	67.	1234	66.
1235	65.	1236	64.	1237	63.	1238	62.	1239	62.
1240	61.	1241	60.	1242	59.	1243	59.	1244	58.
1245	57.	1246	56.	1247	56.	1248	55.	1249	54.
1250	54.	1251	53.	1252	53.	1253	52.	1254	52.
1255	51.	1256	51.	1257	50.	1258	50.	1259	50.
1260	49.	1261	49.	1262	49.	1263	49.	1264	48.
1265	48.	1266	48.	1267	48.	1268	47.	1269	47.
1270	47.	1271	47.	1272	47.	1273	46.	1274	46.

CALLEGUA. 990									
1275	46.	1276	46.	1277	46.	1278	45.	1279	45.
1280	45.	1281	45.	1282	45.	1283	44.	1284	44.
1285	44.	1286	44.	1287	44.	1288	43.	1289	43.
1290	43.	1291	43.	1292	42.	1293	42.	1294	42.
1295	41.	1296	41.	1297	41.	1298	40.	1299	40.
1300	40.	1310	36.	1320	33.	1330	29.	1340	26.
1350	23.	1360	20.	1370	17.	1380	14.	1390	12.
1400	10.	1420	7.	1440	5.	1460	3.	1500	2.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 STRATHEARN CYN EAST FK. W/PECAN ST. PIPE INCL Q100F
 HYDROGRAPH AT 15031 1163B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	12.	200	13.	300	17.	400	24.
500	29.	600	36.	700	44.	800	52.	900	74.
1000	125.	1050	191.	1100	249.	1110	295.	1120	334.
1130	406.	1131	419.	1132	431.	1133	443.	1134	456.
1135	469.	1136	481.	1137	495.	1138	510.	1139	524.
1140	539.	1141	556.	1142	574.	1143	594.	1144	616.
1145	642.	1146	671.	1147	703.	1148	738.	1149	792.
1150	862.	1151	930.	1152	1042.	1153	1160.	1154	1277.
1155	1381.	1156	1465.	1157	1524.	1158	1563.	1159	1583.
1160	1582.	1161	1559.	1162	1530.	1163	1499.	1164	1476.
1165	1461.	1166	1459.	1167	1451.	1168	1445.	1169	1454.
1170	1428.	1171	1414.	1172	1409.	1173	1401.	1174	1387.
1175	1367.	1176	1341.	1177	1310.	1178	1271.	1179	1227.
1180	1182.	1181	1139.	1182	1095.	1183	1054.	1184	1012.
1185	971.	1186	930.	1187	888.	1188	850.	1189	810.
1190	772.	1191	734.	1192	698.	1193	663.	1194	631.
1195	599.	1196	570.	1197	543.	1198	517.	1199	493.
1200	471.	1201	450.	1202	430.	1203	411.	1204	394.
1205	377.	1206	361.	1207	346.	1208	332.	1209	319.
1210	307.	1211	295.	1212	285.	1213	275.	1214	266.
1215	258.	1216	250.	1217	243.	1218	236.	1219	230.
1220	225.	1221	220.	1222	215.	1223	211.	1224	207.
1225	203.	1226	199.	1227	196.	1228	193.	1229	190.
1230	187.	1231	184.	1232	181.	1233	179.	1234	176.
1235	174.	1236	172.	1237	170.	1238	167.	1239	165.
1240	163.	1241	162.	1242	160.	1243	158.	1244	156.
1245	154.	1246	152.	1247	151.	1248	149.	1249	148.
1250	146.	1251	145.	1252	143.	1253	142.	1254	141.
1255	140.	1256	139.	1257	138.	1258	137.	1259	136.
1260	135.	1261	134.	1262	133.	1263	132.	1264	132.
1265	131.	1266	130.	1267	129.	1268	128.	1269	127.
1270	126.	1271	125.	1272	124.	1273	123.	1274	122.
1275	122.	1276	121.	1277	120.	1278	120.	1279	119.
1280	119.	1281	118.	1282	118.	1283	117.	1284	117.
1285	116.	1286	116.	1287	116.	1288	115.	1289	115.
1290	115.	1291	114.	1292	114.	1293	113.	1294	113.
1295	112.	1296	112.	1297	111.	1298	111.	1299	110.
1300	109.	1310	99.	1320	88.	1330	81.	1340	74.
1350	66.	1360	58.	1370	51.	1380	46.	1390	40.
1400	36.	1420	27.	1440	20.	1460	14.	1500	12.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 STRATHEARN CANYON PRIOR TO CONFLUENCE WITH 111B, Q100F
 HYDROGRAPH AT 15031 1193D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	5.	200	5.	300	7.	400	15.

CALLEGUA. 990									
500	23.	600	30.	700	40.	800	51.	900	78.
1000	140.	1050	215.	1100	290.	1110	329.	1120	372.
1130	452.	1131	463.	1132	473.	1133	484.	1134	496.
1135	509.	1136	521.	1137	536.	1138	551.	1139	566.
1140	581.	1141	598.	1142	616.	1143	635.	1144	655.
1145	678.	1146	703.	1147	732.	1148	762.	1149	807.
1150	861.	1151	911.	1152	1000.	1153	1086.	1154	1179.
1155	1273.	1156	1356.	1157	1426.	1158	1485.	1159	1539.
1160	1582.	1161	1628.	1162	1690.	1163	1712.	1164	1755.
1165	1804.	1166	1841.	1167	1876.	1168	1915.	1169	1949.
1170	1965.	1171	1970.	1172	1971.	1173	1971.	1174	1966.
1175	1952.	1176	1933.	1177	1903.	1178	1865.	1179	1822.
1180	1771.	1181	1718.	1182	1658.	1183	1594.	1184	1529.
1185	1462.	1186	1395.	1187	1328.	1188	1261.	1189	1198.
1190	1137.	1191	1079.	1192	1024.	1193	972.	1194	923.
1195	878.	1196	834.	1197	795.	1198	758.	1199	723.
1200	690.	1201	659.	1202	631.	1203	604.	1204	578.
1205	554.	1206	532.	1207	511.	1208	491.	1209	472.
1210	455.	1211	438.	1212	423.	1213	409.	1214	395.
1215	382.	1216	370.	1217	359.	1218	349.	1219	339.
1220	330.	1221	321.	1222	313.	1223	306.	1224	299.
1225	292.	1226	286.	1227	280.	1228	275.	1229	270.
1230	265.	1231	259.	1232	255.	1233	250.	1234	246.
1235	241.	1236	237.	1237	233.	1238	229.	1239	225.
1240	221.	1241	218.	1242	215.	1243	211.	1244	209.
1245	206.	1246	203.	1247	201.	1248	198.	1249	195.
1250	193.	1251	191.	1252	188.	1253	186.	1254	184.
1255	182.	1256	180.	1257	179.	1258	177.	1259	175.
1260	174.	1261	172.	1262	171.	1263	169.	1264	168.
1265	167.	1266	165.	1267	164.	1268	163.	1269	161.
1270	160.	1271	159.	1272	158.	1273	157.	1274	155.
1275	154.	1276	153.	1277	153.	1278	152.	1279	151.
1280	150.	1281	150.	1282	149.	1283	148.	1284	148.
1285	147.	1286	146.	1287	146.	1288	145.	1289	144.
1290	144.	1291	143.	1292	142.	1293	141.	1294	141.
1295	140.	1296	139.	1297	138.	1298	137.	1299	137.
1300	136.	1310	124.	1320	112.	1330	102.	1340	92.
1350	82.	1360	73.	1370	64.	1380	56.	1390	49.
1400	43.	1420	32.	1440	24.	1460	17.	1500	10.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 STRATHERN CANYON AT TRACT BOUNDARY Q100F
 HYDROGRAPH AT 15031 1194B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	17.	200	18.	300	24.	400	39.
500	53.	600	67.	700	85.	800	104.	900	152.
1000	265.	1050	407.	1100	540.	1110	626.	1120	707.
1130	863.	1131	886.	1132	908.	1133	931.	1134	956.
1135	982.	1136	1007.	1137	1036.	1138	1065.	1139	1095.
1140	1126.	1141	1160.	1142	1196.	1143	1235.	1144	1278.
1145	1328.	1146	1382.	1147	1444.	1148	1510.	1149	1612.
1150	1739.	1151	1856.	1152	2065.	1153	2272.	1154	2481.
1155	2681.	1156	2845.	1157	2972.	1158	3065.	1159	3141.
1160	3174.	1161	3194.	1162	3225.	1163	3216.	1164	3235.
1165	3268.	1166	3302.	1167	3330.	1168	3362.	1169	3405.
1170	3395.	1171	3386.	1172	3382.	1173	3373.	1174	3355.
1175	3321.	1176	3276.	1177	3214.	1178	3138.	1179	3050.
1180	2955.	1181	2859.	1182	2755.	1183	2649.	1184	2543.
1185	2435.	1186	2327.	1187	2218.	1188	2113.	1189	2010.
1190	1910.	1191	1815.	1192	1724.	1193	1637.	1194	1556.

CALLEGUA. 990

1195	1479.	1196	1406.	1197	1339.	1198	1276.	1199	1217.
1200	1162.	1201	1110.	1202	1062.	1203	1016.	1204	973.
1205	932.	1206	894.	1207	858.	1208	824.	1209	792.
1210	763.	1211	734.	1212	709.	1213	685.	1214	662.
1215	641.	1216	621.	1217	603.	1218	586.	1219	570.
1220	556.	1221	542.	1222	529.	1223	517.	1224	506.
1225	496.	1226	486.	1227	477.	1228	468.	1229	460.
1230	452.	1231	444.	1232	437.	1233	430.	1234	423.
1235	416.	1236	409.	1237	403.	1238	397.	1239	391.
1240	385.	1241	380.	1242	375.	1243	370.	1244	365.
1245	361.	1246	356.	1247	352.	1248	348.	1249	344.
1250	340.	1251	336.	1252	332.	1253	329.	1254	326.
1255	323.	1256	320.	1257	317.	1258	314.	1259	312.
1260	309.	1261	307.	1262	305.	1263	302.	1264	300.
1265	298.	1266	296.	1267	293.	1268	291.	1269	289.
1270	286.	1271	284.	1272	282.	1273	280.	1274	278.
1275	276.	1276	275.	1277	273.	1278	272.	1279	271.
1280	270.	1281	268.	1282	267.	1283	266.	1284	265.
1285	264.	1286	263.	1287	262.	1288	261.	1289	260.
1290	259.	1291	258.	1292	257.	1293	255.	1294	254.
1295	253.	1296	251.	1297	250.	1298	249.	1299	247.
1300	246.	1310	224.	1320	201.	1330	184.	1340	167.
1350	148.	1360	131.	1370	116.	1380	102.	1390	90.
1400	80.	1420	59.	1440	44.	1460	32.	1500	22.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 STRATHEARN CANYON AT ARROYO SIMI, Q 100F W/ TR. 3963

HYDROGRAPH AT 15031 1197B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	21.	200	22.	300	29.	400	43.
500	57.	600	71.	700	89.	800	109.	900	156.
1000	268.	1050	407.	1100	545.	1110	614.	1120	707.
1130	848.	1131	867.	1132	887.	1133	909.	1134	932.
1135	957.	1136	981.	1137	1007.	1138	1034.	1139	1063.
1140	1093.	1141	1126.	1142	1161.	1143	1201.	1144	1243.
1145	1289.	1146	1337.	1147	1390.	1148	1449.	1149	1528.
1150	1622.	1151	1721.	1152	1880.	1153	2064.	1154	2266.
1155	2470.	1156	2671.	1157	2863.	1158	3009.	1159	3108.
1160	3191.	1161	3214.	1162	3224.	1163	3236.	1164	3246.
1165	3252.	1166	3270.	1167	3295.	1168	3325.	1169	3356.
1170	3386.	1171	3403.	1172	3404.	1173	3397.	1174	3389.
1175	3375.	1176	3351.	1177	3314.	1178	3262.	1179	3197.
1180	3118.	1181	3029.	1182	2934.	1183	2835.	1184	2733.
1185	2633.	1186	2531.	1187	2427.	1188	2322.	1189	2214.
1190	2109.	1191	2006.	1192	1908.	1193	1819.	1194	1733.
1195	1653.	1196	1573.	1197	1496.	1198	1423.	1199	1355.
1200	1291.	1201	1232.	1202	1176.	1203	1128.	1204	1086.
1205	1042.	1206	999.	1207	957.	1208	917.	1209	879.
1210	844.	1211	811.	1212	781.	1213	753.	1214	726.
1215	702.	1216	680.	1217	659.	1218	639.	1219	621.
1220	606.	1221	591.	1222	576.	1223	561.	1224	548.
1225	535.	1226	523.	1227	511.	1228	501.	1229	492.
1230	482.	1231	474.	1232	466.	1233	458.	1234	450.
1235	443.	1236	436.	1237	429.	1238	422.	1239	415.
1240	409.	1241	403.	1242	397.	1243	392.	1244	387.
1245	382.	1246	377.	1247	372.	1248	368.	1249	363.
1250	359.	1251	355.	1252	351.	1253	347.	1254	343.
1255	340.	1256	336.	1257	333.	1258	330.	1259	327.
1260	324.	1261	321.	1262	319.	1263	316.	1264	314.
1265	311.	1266	309.	1267	307.	1268	304.	1269	302.

CALLEGUA. 990									
1270	300.	1271	297.	1272	295.	1273	293.	1274	290.
1275	288.	1276	287.	1277	285.	1278	283.	1279	281.
1280	280.	1281	279.	1282	277.	1283	276.	1284	275.
1285	274.	1286	273.	1287	271.	1288	271.	1289	270.
1290	269.	1291	268.	1292	267.	1293	266.	1294	265.
1295	263.	1296	262.	1297	261.	1298	260.	1299	258.
1300	257.	1310	237.	1320	214.	1330	195.	1340	178.
1350	159.	1360	141.	1370	125.	1380	111.	1390	99.
1400	88.	1420	67.	1440	51.	1460	36.	1500	23.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 ARROYO SIMI AT STRATHEARN CYN.
 HYDROGRAPH AT 15031 1198A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1580.	200	1609.	300	1773.	400	2122.
500	2571.	600	3046.	700	3563.	800	4185.	900	5124.
1000	7089.	1050	8943.	1100	11531.	1110	12237.	1120	13084.
1130	14218.	1131	14340.	1132	14465.	1133	14594.	1134	14728.
1135	14868.	1136	15012.	1137	15162.	1138	15318.	1139	15482.
1140	15653.	1141	15833.	1142	16022.	1143	16223.	1144	16437.
1145	16665.	1146	16909.	1147	17169.	1148	17445.	1149	17749.
1150	18094.	1151	18469.	1152	18894.	1153	19393.	1154	19954.
1155	20551.	1156	21194.	1157	21870.	1158	22538.	1159	23180.
1160	23801.	1161	24385.	1162	24969.	1163	25596.	1164	26252.
1165	26933.	1166	27639.	1167	28376.	1168	29133.	1169	29889.
1170	30630.	1171	31337.	1172	32001.	1173	32629.	1174	33224.
1175	33777.	1176	34271.	1177	34702.	1178	35067.	1179	35371.
1180	35616.	1181	35806.	1182	35947.	1183	36043.	1184	36094.
1185	36106.	1186	36081.	1187	36022.	1188	35937.	1189	35831.
1190	35710.	1191	35577.	1192	35437.	1193	35285.	1194	35123.
1195	34942.	1196	34741.	1197	34515.	1198	34268.	1199	34002.
1200	33721.	1201	33429.	1202	33130.	1203	32834.	1204	32547.
1205	32272.	1206	32009.	1207	31762.	1208	31537.	1209	31334.
1210	31155.	1211	31000.	1212	30871.	1213	30768.	1214	30693.
1215	30645.	1216	30627.	1217	30638.	1218	30677.	1219	30743.
1220	30835.	1221	30947.	1222	31073.	1223	31207.	1224	31344.
1225	31476.	1226	31595.	1227	31696.	1228	31771.	1229	31819.
1230	31834.	1231	31816.	1232	31763.	1233	31674.	1234	31550.
1235	31393.	1236	31205.	1237	30989.	1238	30746.	1239	30479.
1240	30191.	1241	29885.	1242	29566.	1243	29234.	1244	28894.
1245	28547.	1246	28195.	1247	27839.	1248	27480.	1249	27119.
1250	26755.	1251	26390.	1252	26026.	1253	25664.	1254	25305.
1255	24950.	1256	24601.	1257	24260.	1258	23925.	1259	23597.
1260	23276.	1261	22961.	1262	22652.	1263	22350.	1264	22055.
1265	21767.	1266	21486.	1267	21211.	1268	20942.	1269	20679.
1270	20422.	1271	20170.	1272	19924.	1273	19682.	1274	19445.
1275	19213.	1276	18987.	1277	18767.	1278	18553.	1279	18344.
1280	18141.	1281	17945.	1282	17754.	1283	17569.	1284	17389.
1285	17213.	1286	17041.	1287	16872.	1288	16706.	1289	16543.
1290	16383.	1291	16227.	1292	16075.	1293	15927.	1294	15784.
1295	15645.	1296	15511.	1297	15380.	1298	15253.	1299	15130.
1300	15011.	1310	13946.	1320	13006.	1330	12158.	1340	11440.
1350	10824.	1360	10248.	1370	9715.	1380	9207.	1390	8729.
1400	8278.	1420	7417.	1440	6623.	1460	5892.	1500	4602.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 HAPPY CAMP CYN-W/BOX INFOR, REDUCE 125A&J', DBT/LS 7/97, HPYCMPJ. HI
 HYDROGRAPH AT 15031 1213B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
------	---	------	---	------	---	------	---	------	---

CALLEGUA. 990									
0	0.	100	0.	200	0.	300	4.	400	4.
500	5.	600	7.	700	9.	800	11.	900	15.
1000	22.	1050	32.	1100	35.	1110	53.	1120	48.
1130	70.	1131	73.	1132	73.	1133	74.	1134	77.
1135	78.	1136	77.	1137	80.	1138	82.	1139	85.
1140	87.	1141	93.	1142	97.	1143	101.	1144	105.
1145	112.	1146	119.	1147	129.	1148	136.	1149	171.
1150	207.	1151	204.	1152	274.	1153	307.	1154	312.
1155	311.	1156	305.	1157	296.	1158	287.	1159	277.
1160	240.	1161	201.	1162	198.	1163	121.	1164	85.
1165	71.	1166	64.	1167	57.	1168	53.	1169	53.
1170	48.	1171	45.	1172	44.	1173	42.	1174	41.
1175	36.	1176	36.	1177	35.	1178	34.	1179	33.
1180	29.	1181	31.	1182	30.	1183	29.	1184	29.
1185	29.	1186	28.	1187	28.	1188	29.	1189	29.
1190	29.	1191	29.	1192	28.	1193	28.	1194	29.
1195	29.	1196	28.	1197	29.	1198	29.	1199	28.
1200	28.	1201	28.	1202	27.	1203	26.	1204	26.
1205	25.	1206	24.	1207	24.	1208	23.	1209	22.
1210	21.	1211	20.	1212	21.	1213	21.	1214	21.
1215	20.	1216	21.	1217	21.	1218	21.	1219	21.
1220	21.	1221	21.	1222	21.	1223	21.	1224	21.
1225	21.	1226	21.	1227	21.	1228	21.	1229	21.
1230	21.	1231	21.	1232	21.	1233	21.	1234	21.
1235	21.	1236	20.	1237	20.	1238	21.	1239	20.
1240	20.	1241	20.	1242	20.	1243	20.	1244	20.
1245	20.	1246	20.	1247	20.	1248	20.	1249	20.
1250	20.	1251	20.	1252	20.	1253	20.	1254	20.
1255	20.	1256	20.	1257	20.	1258	20.	1259	20.
1260	20.	1261	20.	1262	19.	1263	19.	1264	18.
1265	18.	1266	18.	1267	17.	1268	17.	1269	17.
1270	15.	1271	15.	1272	15.	1273	15.	1274	15.
1275	15.	1276	15.	1277	15.	1278	15.	1279	15.
1280	15.	1281	15.	1282	15.	1283	15.	1284	15.
1285	15.	1286	15.	1287	15.	1288	15.	1289	15.
1290	15.	1291	15.	1292	15.	1293	15.	1294	15.
1295	15.	1296	15.	1297	15.	1298	15.	1299	15.
1300	15.	1310	8.	1320	8.	1330	8.	1340	7.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 HAPPY CAMP CYN AT DAM SITE #1A; Q 100
 HYDROGRAPH AT 15031 1301B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	6.	200	6.	300	9.	400	17.
500	35.	600	62.	700	85.	800	113.	900	159.
1000	270.	1050	391.	1100	570.	1110	635.	1120	714.
1130	850.	1131	868.	1132	884.	1133	903.	1134	925.
1135	948.	1136	971.	1137	999.	1138	1028.	1139	1058.
1140	1091.	1141	1128.	1142	1165.	1143	1205.	1144	1246.
1145	1292.	1146	1342.	1147	1396.	1148	1452.	1149	1535.
1150	1626.	1151	1702.	1152	1847.	1153	1979.	1154	2115.
1155	2271.	1156	2440.	1157	2626.	1158	2826.	1159	3031.
1160	3228.	1161	3408.	1162	3572.	1163	3681.	1164	3785.
1165	3889.	1166	3944.	1167	4002.	1168	4062.	1169	4112.
1170	4146.	1171	4173.	1172	4198.	1173	4228.	1174	4262.
1175	4298.	1176	4330.	1177	4354.	1178	4364.	1179	4364.
1180	4354.	1181	4334.	1182	4308.	1183	4277.	1184	4241.
1185	4204.	1186	4166.	1187	4130.	1188	4097.	1189	4070.

CALLEGUA. 990

1190	4051.	1191	4041.	1192	4043.	1193	4054.	1194	4075.
1195	4101.	1196	4129.	1197	4154.	1198	4171.	1199	4177.
1200	4170.	1201	4150.	1202	4114.	1203	4065.	1204	4004.
1205	3933.	1206	3853.	1207	3766.	1208	3674.	1209	3579.
1210	3481.	1211	3383.	1212	3284.	1213	3185.	1214	3088.
1215	2993.	1216	2900.	1217	2810.	1218	2721.	1219	2635.
1220	2552.	1221	2472.	1222	2395.	1223	2319.	1224	2247.
1225	2178.	1226	2111.	1227	2047.	1228	1985.	1229	1926.
1230	1868.	1231	1813.	1232	1761.	1233	1711.	1234	1662.
1235	1615.	1236	1571.	1237	1527.	1238	1486.	1239	1446.
1240	1408.	1241	1371.	1242	1336.	1243	1302.	1244	1269.
1245	1238.	1246	1207.	1247	1178.	1248	1150.	1249	1123.
1250	1097.	1251	1072.	1252	1048.	1253	1025.	1254	1003.
1255	981.	1256	961.	1257	941.	1258	922.	1259	903.
1260	885.	1261	868.	1262	851.	1263	835.	1264	819.
1265	803.	1266	788.	1267	773.	1268	759.	1269	746.
1270	733.	1271	720.	1272	709.	1273	698.	1274	687.
1275	676.	1276	666.	1277	656.	1278	646.	1279	636.
1280	627.	1281	619.	1282	610.	1283	602.	1284	594.
1285	586.	1286	579.	1287	572.	1288	565.	1289	558.
1290	551.	1291	544.	1292	538.	1293	532.	1294	525.
1295	519.	1296	513.	1297	508.	1298	502.	1299	497.
1300	492.	1310	446.	1320	409.	1330	379.	1340	352.
1350	327.	1360	302.	1370	280.	1380	260.	1390	239.
1400	218.	1420	179.	1440	148.	1460	122.	1500	83.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

HAPPY CAMP CYN AT DAM SITE #1B; Q 100

HYDROGRAPH AT 15031 1316C

STORM DAY 4

REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	1.	400	1.
500	1.	600	1.	700	1.	800	1.	900	4.
1000	15.	1050	26.	1100	39.	1110	46.	1120	46.
1130	73.	1131	76.	1132	81.	1133	88.	1134	95.
1135	102.	1136	107.	1137	115.	1138	123.	1139	131.
1140	139.	1141	150.	1142	161.	1143	171.	1144	184.
1145	201.	1146	221.	1147	241.	1148	263.	1149	314.
1150	372.	1151	400.	1152	505.	1153	576.	1154	634.
1155	682.	1156	722.	1157	767.	1158	823.	1159	860.
1160	903.	1161	974.	1162	968.	1163	1000.	1164	1042.
1165	1063.	1166	1070.	1167	1069.	1168	1053.	1169	1017.
1170	973.	1171	926.	1172	875.	1173	821.	1174	764.
1175	708.	1176	653.	1177	600.	1178	551.	1179	505.
1180	464.	1181	426.	1182	392.	1183	360.	1184	332.
1185	306.	1186	284.	1187	264.	1188	245.	1189	228.
1190	213.	1191	200.	1192	187.	1193	177.	1194	167.
1195	157.	1196	149.	1197	141.	1198	133.	1199	127.
1200	120.	1201	114.	1202	109.	1203	104.	1204	99.
1205	94.	1206	90.	1207	86.	1208	83.	1209	80.
1210	76.	1211	73.	1212	71.	1213	68.	1214	66.
1215	63.	1216	61.	1217	59.	1218	58.	1219	56.
1220	54.	1221	53.	1222	51.	1223	50.	1224	49.
1225	47.	1226	46.	1227	45.	1228	45.	1229	44.
1230	43.	1231	43.	1232	42.	1233	41.	1234	41.
1235	40.	1236	39.	1237	38.	1238	38.	1239	37.
1240	36.	1241	36.	1242	35.	1243	34.	1244	34.
1245	33.	1246	32.	1247	32.	1248	31.	1249	31.
1250	30.	1251	30.	1252	29.	1253	29.	1254	28.
1255	28.	1256	27.	1257	27.	1258	27.	1259	26.
1260	26.	1261	26.	1262	26.	1263	25.	1264	25.

CALLEGUA. 990									
1265	25.	1266	25.	1267	24.	1268	24.	1269	24.
1270	24.	1271	24.	1272	23.	1273	23.	1274	23.
1275	23.	1276	23.	1277	22.	1278	22.	1279	22.
1280	22.	1281	22.	1282	22.	1283	22.	1284	22.
1285	21.	1286	21.	1287	21.	1288	21.	1289	21.
1290	21.	1291	21.	1292	21.	1293	21.	1294	21.
1295	20.	1296	20.	1297	20.	1298	20.	1299	20.
1300	20.	1310	18.	1320	16.	1330	14.	1340	12.
1350	11.	1360	10.	1370	8.	1380	7.	1390	6.
1400	5.	1420	4.	1440	3.	1460	2.	1500	1.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 HAPPY CAMP CYN AT DAM SITE #2; Q 100
 HYDROGRAPH AT 15031 1322B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	8.	200	8.	300	12.	400	20.
500	36.	600	63.	700	90.	800	118.	900	167.
1000	285.	1050	407.	1100	598.	1110	655.	1120	725.
1130	852.	1131	870.	1132	888.	1133	910.	1134	930.
1135	951.	1136	968.	1137	991.	1138	1016.	1139	1042.
1140	1070.	1141	1102.	1142	1134.	1143	1169.	1144	1208.
1145	1255.	1146	1304.	1147	1356.	1148	1412.	1149	1495.
1150	1583.	1151	1653.	1152	1813.	1153	1956.	1154	2091.
1155	2247.	1156	2413.	1157	2593.	1158	2772.	1159	2963.
1160	3180.	1161	3367.	1162	3571.	1163	3788.	1164	3999.
1165	4190.	1166	4371.	1167	4505.	1168	4633.	1169	4764.
1170	4900.	1171	5014.	1172	5095.	1173	5149.	1174	5183.
1175	5198.	1176	5200.	1177	5193.	1178	5180.	1179	5168.
1180	5149.	1181	5126.	1182	5095.	1183	5056.	1184	5010.
1185	4957.	1186	4899.	1187	4839.	1188	4776.	1189	4716.
1190	4653.	1191	4598.	1192	4544.	1193	4493.	1194	4446.
1195	4407.	1196	4377.	1197	4357.	1198	4347.	1199	4345.
1200	4349.	1201	4356.	1202	4363.	1203	4365.	1204	4360.
1205	4346.	1206	4321.	1207	4284.	1208	4236.	1209	4178.
1210	4110.	1211	4033.	1212	3950.	1213	3862.	1214	3769.
1215	3674.	1216	3577.	1217	3480.	1218	3383.	1219	3286.
1220	3191.	1221	3097.	1222	3006.	1223	2916.	1224	2830.
1225	2745.	1226	2663.	1227	2584.	1228	2508.	1229	2434.
1230	2363.	1231	2294.	1232	2228.	1233	2164.	1234	2102.
1235	2043.	1236	1986.	1237	1931.	1238	1878.	1239	1827.
1240	1779.	1241	1732.	1242	1687.	1243	1643.	1244	1601.
1245	1561.	1246	1522.	1247	1489.	1248	1455.	1249	1426.
1250	1396.	1251	1366.	1252	1335.	1253	1306.	1254	1276.
1255	1248.	1256	1221.	1257	1194.	1258	1168.	1259	1143.
1260	1119.	1261	1096.	1262	1073.	1263	1051.	1264	1031.
1265	1010.	1266	991.	1267	972.	1268	953.	1269	935.
1270	919.	1271	904.	1272	890.	1273	875.	1274	860.
1275	846.	1276	831.	1277	817.	1278	803.	1279	790.
1280	778.	1281	765.	1282	753.	1283	742.	1284	731.
1285	720.	1286	710.	1287	700.	1288	690.	1289	681.
1290	671.	1291	662.	1292	654.	1293	646.	1294	638.
1295	630.	1296	623.	1297	616.	1298	608.	1299	601.
1300	595.	1310	535.	1320	486.	1330	444.	1340	410.
1350	380.	1360	353.	1370	326.	1380	301.	1390	279.
1400	257.	1420	215.	1440	178.	1460	149.	1500	107.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 HAPPY CAMP CYN AT DAM SITE #3; Q 100
 HYDROGRAPH AT 15031 1329B STORM DAY 4 REDUCTION FACTOR = 1.000

CALLEGUA. 990									
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	9.	200	9.	300	10.	400	15.
500	26.	600	45.	700	71.	800	99.	900	140.
1000	240.	1050	325.	1100	484.	1110	525.	1120	570.
1130	626.	1131	634.	1132	643.	1133	653.	1134	665.
1135	674.	1136	682.	1137	692.	1138	701.	1139	710.
1140	720.	1141	732.	1142	744.	1143	757.	1144	770.
1145	786.	1146	802.	1147	820.	1148	838.	1149	865.
1150	894.	1151	916.	1152	967.	1153	1020.	1154	1070.
1155	1115.	1156	1158.	1157	1207.	1158	1260.	1159	1319.
1160	1384.	1161	1453.	1162	1528.	1163	1617.	1164	1716.
1165	1807.	1166	1886.	1167	1974.	1168	2094.	1169	2208.
1170	2335.	1171	2487.	1172	2654.	1173	2825.	1174	2998.
1175	3170.	1176	3343.	1177	3517.	1178	3695.	1179	3874.
1180	4051.	1181	4227.	1182	4408.	1183	4593.	1184	4767.
1185	4909.	1186	5005.	1187	5069.	1188	5111.	1189	5136.
1190	5147.	1191	5148.	1192	5139.	1193	5122.	1194	5098.
1195	5067.	1196	5031.	1197	4988.	1198	4942.	1199	4893.
1200	4843.	1201	4796.	1202	4747.	1203	4699.	1204	4656.
1205	4613.	1206	4573.	1207	4535.	1208	4501.	1209	4471.
1210	4447.	1211	4429.	1212	4415.	1213	4403.	1214	4393.
1215	4384.	1216	4375.	1217	4363.	1218	4349.	1219	4330.
1220	4305.	1221	4274.	1222	4237.	1223	4193.	1224	4142.
1225	4084.	1226	4022.	1227	3955.	1228	3885.	1229	3812.
1230	3737.	1231	3659.	1232	3579.	1233	3497.	1234	3413.
1235	3329.	1236	3244.	1237	3160.	1238	3077.	1239	2995.
1240	2914.	1241	2835.	1242	2758.	1243	2684.	1244	2611.
1245	2540.	1246	2472.	1247	2406.	1248	2342.	1249	2280.
1250	2220.	1251	2162.	1252	2106.	1253	2053.	1254	2001.
1255	1951.	1256	1902.	1257	1856.	1258	1811.	1259	1768.
1260	1727.	1261	1687.	1262	1649.	1263	1614.	1264	1580.
1265	1549.	1266	1520.	1267	1491.	1268	1467.	1269	1442.
1270	1418.	1271	1397.	1272	1377.	1273	1356.	1274	1335.
1275	1313.	1276	1291.	1277	1270.	1278	1249.	1279	1228.
1280	1207.	1281	1187.	1282	1167.	1283	1147.	1284	1127.
1285	1107.	1286	1088.	1287	1069.	1288	1050.	1289	1032.
1290	1014.	1291	997.	1292	981.	1293	965.	1294	950.
1295	936.	1296	922.	1297	908.	1298	896.	1299	883.
1300	871.	1310	769.	1320	681.	1330	608.	1340	551.
1350	505.	1360	467.	1370	431.	1380	400.	1390	373.
1400	349.	1420	305.	1440	262.	1460	224.	1500	166.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 HAPPY CAMP CYN AT ARROYO SIMI; Q 100
 HYDROGRAPH AT 15031 1343B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	21.	200	22.	300	31.	400	36.
500	47.	600	69.	700	97.	800	131.	900	177.
1000	285.	1050	379.	1100	523.	1110	584.	1120	652.
1130	720.	1131	729.	1132	739.	1133	750.	1134	761.
1135	773.	1136	787.	1137	801.	1138	815.	1139	827.
1140	840.	1141	853.	1142	868.	1143	884.	1144	901.
1145	920.	1146	941.	1147	964.	1148	990.	1149	1017.
1150	1049.	1151	1098.	1152	1172.	1153	1251.	1154	1348.
1155	1460.	1156	1562.	1157	1642.	1158	1702.	1159	1744.
1160	1774.	1161	1796.	1162	1814.	1163	1829.	1164	1842.
1165	1849.	1166	1841.	1167	1811.	1168	1781.	1169	1757.
1170	1749.	1171	1763.	1172	1802.	1173	1858.	1174	1928.
1175	2008.	1176	2099.	1177	2202.	1178	2319.	1179	2450.
1180	2594.	1181	2748.	1182	2911.	1183	3080.	1184	3255.

CALLEGUA. 990

1185	3431.	1186	3610.	1187	3794.	1188	3985.	1189	4185.
1190	4392.	1191	4591.	1192	4767.	1193	4911.	1194	5020.
1195	5100.	1196	5156.	1197	5192.	1198	5212.	1199	5218.
1200	5214.	1201	5201.	1202	5179.	1203	5150.	1204	5114.
1205	5074.	1206	5030.	1207	4983.	1208	4936.	1209	4888.
1210	4841.	1211	4795.	1212	4750.	1213	4707.	1214	4666.
1215	4629.	1216	4595.	1217	4565.	1218	4540.	1219	4519.
1220	4501.	1221	4486.	1222	4473.	1223	4460.	1224	4447.
1225	4432.	1226	4415.	1227	4394.	1228	4368.	1229	4337.
1230	4301.	1231	4260.	1232	4215.	1233	4165.	1234	4112.
1235	4057.	1236	4000.	1237	3939.	1238	3875.	1239	3807.
1240	3735.	1241	3661.	1242	3585.	1243	3507.	1244	3428.
1245	3349.	1246	3270.	1247	3193.	1248	3115.	1249	3039.
1250	2964.	1251	2890.	1252	2817.	1253	2746.	1254	2676.
1255	2609.	1256	2544.	1257	2482.	1258	2422.	1259	2363.
1260	2306.	1261	2251.	1262	2197.	1263	2145.	1264	2094.
1265	2044.	1266	1996.	1267	1949.	1268	1905.	1269	1862.
1270	1822.	1271	1784.	1272	1747.	1273	1711.	1274	1677.
1275	1644.	1276	1613.	1277	1584.	1278	1557.	1279	1531.
1280	1506.	1281	1483.	1282	1460.	1283	1438.	1284	1417.
1285	1396.	1286	1375.	1287	1355.	1288	1336.	1289	1317.
1290	1299.	1291	1282.	1292	1265.	1293	1249.	1294	1232.
1295	1215.	1296	1197.	1297	1180.	1298	1162.	1299	1144.
1300	1127.	1310	968.	1320	849.	1330	762.	1340	687.
1350	613.	1360	550.	1370	509.	1380	472.	1390	441.
1400	411.	1420	357.	1440	314.	1460	269.	1500	198.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CASTRO WILLIAMS SPILLWAY WITH ROUTED FLOW FROM WEST Q100, DDT/BJ
 HYDROGRAPH AT 15031 1350B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	3.	400	3.
500	5.	600	6.	700	7.	800	8.	900	11.
1000	15.	1050	21.	1100	23.	1110	30.	1120	32.
1130	40.	1131	41.	1132	42.	1133	44.	1134	45.
1135	47.	1136	48.	1137	49.	1138	50.	1139	51.
1140	52.	1141	54.	1142	56.	1143	58.	1144	60.
1145	64.	1146	68.	1147	72.	1148	75.	1149	90.
1150	105.	1151	105.	1152	137.	1153	151.	1154	154.
1155	155.	1156	155.	1157	153.	1158	152.	1159	150.
1160	148.	1161	143.	1162	138.	1163	133.	1164	130.
1165	112.	1166	95.	1167	93.	1168	61.	1169	45.
1170	39.	1171	36.	1172	33.	1173	31.	1174	30.
1175	28.	1176	26.	1177	25.	1178	24.	1179	24.
1180	22.	1181	22.	1182	21.	1183	21.	1184	21.
1185	19.	1186	20.	1187	19.	1188	19.	1189	19.
1190	19.	1191	19.	1192	18.	1193	19.	1194	19.
1195	19.	1196	19.	1197	19.	1198	19.	1199	19.
1200	19.	1201	18.	1202	18.	1203	18.	1204	17.
1205	17.	1206	17.	1207	17.	1208	16.	1209	16.
1210	16.	1211	15.	1212	15.	1213	15.	1214	14.
1215	14.	1216	14.	1217	14.	1218	14.	1219	14.
1220	14.	1221	14.	1222	14.	1223	14.	1224	14.
1225	14.	1226	14.	1227	14.	1228	14.	1229	14.
1230	14.	1231	14.	1232	14.	1233	14.	1234	14.
1235	14.	1236	14.	1237	14.	1238	14.	1239	14.
1240	14.	1241	14.	1242	14.	1243	14.	1244	14.
1245	14.	1246	14.	1247	14.	1248	14.	1249	14.
1250	14.	1251	14.	1252	14.	1253	14.	1254	14.
1255	14.	1256	14.	1257	14.	1258	14.	1259	14.

CALLEGUA. 990									
1260	14.	1261	14.	1262	13.	1263	13.	1264	13.
1265	13.	1266	12.	1267	12.	1268	12.	1269	12.
1270	12.	1271	11.	1272	11.	1273	11.	1274	11.
1275	11.	1276	11.	1277	11.	1278	11.	1279	11.
1280	11.	1281	11.	1282	11.	1283	11.	1284	11.
1285	11.	1286	11.	1287	11.	1288	11.	1289	11.
1290	11.	1291	11.	1292	11.	1293	10.	1294	11.
1295	11.	1296	11.	1297	11.	1298	11.	1299	11.
1300	11.	1310	7.	1320	6.	1330	6.	1340	6.
1350	2.	1360	1.	1370	1.	1380	1.	1390	1.
1400	1.	1420	1.	1440	1.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CASTRO WILLIAMS SPILLWAY NEAR LOS ANGELES AVE. AT SIMI VALLEY
 HYDROGRAPH AT 15031 1417B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	12.	200	13.	300	13.	400	14.
500	16.	600	18.	700	20.	800	26.	900	34.
1000	55.	1050	96.	1100	180.	1110	240.	1120	346.
1130	408.	1131	413.	1132	418.	1133	423.	1134	429.
1135	438.	1136	450.	1137	463.	1138	477.	1139	493.
1140	511.	1141	533.	1142	559.	1143	587.	1144	618.
1145	653.	1146	689.	1147	728.	1148	771.	1149	812.
1150	856.	1151	917.	1152	1006.	1153	1090.	1154	1201.
1155	1335.	1156	1447.	1157	1526.	1158	1586.	1159	1627.
1160	1647.	1161	1665.	1162	1686.	1163	1688.	1164	1651.
1165	1586.	1166	1469.	1167	1322.	1168	1183.	1169	1064.
1170	964.	1171	870.	1172	781.	1173	703.	1174	635.
1175	574.	1176	520.	1177	474.	1178	432.	1179	395.
1180	364.	1181	339.	1182	314.	1183	294.	1184	275.
1185	258.	1186	241.	1187	226.	1188	213.	1189	201.
1190	190.	1191	180.	1192	171.	1193	162.	1194	153.
1195	145.	1196	138.	1197	132.	1198	126.	1199	121.
1200	117.	1201	113.	1202	110.	1203	107.	1204	105.
1205	104.	1206	104.	1207	104.	1208	105.	1209	106.
1210	107.	1211	108.	1212	110.	1213	112.	1214	115.
1215	117.	1216	118.	1217	119.	1218	120.	1219	119.
1220	119.	1221	117.	1222	115.	1223	113.	1224	110.
1225	106.	1226	103.	1227	100.	1228	97.	1229	94.
1230	91.	1231	87.	1232	84.	1233	81.	1234	79.
1235	76.	1236	74.	1237	71.	1238	69.	1239	67.
1240	66.	1241	64.	1242	62.	1243	61.	1244	59.
1245	58.	1246	57.	1247	56.	1248	55.	1249	54.
1250	53.	1251	52.	1252	51.	1253	51.	1254	50.
1255	49.	1256	49.	1257	48.	1258	47.	1259	47.
1260	46.	1261	45.	1262	45.	1263	44.	1264	44.
1265	43.	1266	42.	1267	42.	1268	41.	1269	41.
1270	40.	1271	39.	1272	39.	1273	38.	1274	37.
1275	37.	1276	36.	1277	36.	1278	35.	1279	35.
1280	34.	1281	34.	1282	33.	1283	33.	1284	32.
1285	31.	1286	31.	1287	30.	1288	30.	1289	29.
1290	29.	1291	29.	1292	28.	1293	28.	1294	28.
1295	28.	1296	27.	1297	27.	1298	27.	1299	27.
1300	27.	1310	24.	1320	20.	1330	18.	1340	15.
1350	15.	1360	15.	1370	14.	1380	13.	1390	13.
1400	12.	1420	12.	1440	12.	1460	12.	1500	12.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 SHASTA DRAIN PRIOR TO JCT. W/ARR. SIMI Q100
 HYDROGRAPH AT 15031 1463B STORM DAY 4 REDUCTION FACTOR = 1.000

CALLEGUA. 990

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	7.	200	7.	300	8.	400	8.
500	9.	600	11.	700	12.	800	15.	900	19.
1000	23.	1050	27.	1100	33.	1110	37.	1120	49.
1130	59.	1131	60.	1132	60.	1133	61.	1134	62.
1135	63.	1136	64.	1137	65.	1138	66.	1139	68.
1140	70.	1141	72.	1142	75.	1143	78.	1144	81.
1145	85.	1146	89.	1147	94.	1148	99.	1149	104.
1150	109.	1151	114.	1152	131.	1153	142.	1154	154.
1155	168.	1156	180.	1157	191.	1158	201.	1159	208.
1160	218.	1161	226.	1162	228.	1163	226.	1164	230.
1165	233.	1166	233.	1167	231.	1168	228.	1169	221.
1170	206.	1171	189.	1172	175.	1173	162.	1174	152.
1175	143.	1176	134.	1177	127.	1178	119.	1179	112.
1180	105.	1181	99.	1182	93.	1183	87.	1184	82.
1185	77.	1186	73.	1187	69.	1188	65.	1189	61.
1190	58.	1191	55.	1192	52.	1193	50.	1194	47.
1195	45.	1196	43.	1197	41.	1198	40.	1199	38.
1200	37.	1201	36.	1202	35.	1203	35.	1204	34.
1205	33.	1206	33.	1207	33.	1208	32.	1209	32.
1210	32.	1211	32.	1212	31.	1213	31.	1214	31.
1215	31.	1216	31.	1217	31.	1218	31.	1219	30.
1220	30.	1221	30.	1222	30.	1223	29.	1224	29.
1225	28.	1226	28.	1227	27.	1228	27.	1229	26.
1230	26.	1231	25.	1232	25.	1233	25.	1234	25.
1235	24.	1236	24.	1237	24.	1238	24.	1239	24.
1240	24.	1241	23.	1242	23.	1243	23.	1244	23.
1245	23.	1246	23.	1247	23.	1248	23.	1249	22.
1250	22.	1251	22.	1252	22.	1253	22.	1254	21.
1255	21.	1256	21.	1257	21.	1258	21.	1259	20.
1260	20.	1261	20.	1262	20.	1263	20.	1264	20.
1265	19.	1266	19.	1267	19.	1268	19.	1269	19.
1270	19.	1271	19.	1272	19.	1273	19.	1274	19.
1275	19.	1276	19.	1277	19.	1278	18.	1279	18.
1280	18.	1281	18.	1282	18.	1283	18.	1284	18.
1285	17.	1286	17.	1287	17.	1288	17.	1289	17.
1290	16.	1291	16.	1292	16.	1293	16.	1294	16.
1295	16.	1296	16.	1297	16.	1298	16.	1299	15.
1300	15.	1310	14.	1320	13.	1330	12.	1340	10.
1350	9.	1360	9.	1370	9.	1380	8.	1390	8.
1400	7.	1420	7.	1440	7.	1460	7.	1500	7.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO SIMI AFTER JCT. W/SHASTA DRAIN Q100

HYDROGRAPH AT 15031 1464A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1663.	200	1677.	300	1774.	400	2042.
500	2474.	600	2980.	700	3521.	800	4171.	900	5067.
1000	6840.	1050	8429.	1100	10950.	1110	11575.	1120	12307.
1130	13185.	1131	13280.	1132	13375.	1133	13472.	1134	13571.
1135	13673.	1136	13777.	1137	13885.	1138	13994.	1139	14107.
1140	14224.	1141	14340.	1142	14460.	1143	14584.	1144	14713.
1145	14846.	1146	14984.	1147	15128.	1148	15278.	1149	15436.
1150	15601.	1151	15773.	1152	15967.	1153	16171.	1154	16402.
1155	16660.	1156	16932.	1157	17209.	1158	17494.	1159	17790.
1160	18105.	1161	18436.	1162	18776.	1163	19141.	1164	19550.
1165	19975.	1166	20408.	1167	20847.	1168	21296.	1169	21755.
1170	22218.	1171	22670.	1172	23117.	1173	23561.	1174	24005.
1175	24461.	1176	24931.	1177	25404.	1178	25888.	1179	26385.

CALLEGUA. 990

1180	26889.	1181	27405.	1182	27937.	1183	28478.	1184	29043.
1185	29647.	1186	30298.	1187	30998.	1188	31731.	1189	32491.
1190	33279.	1191	34084.	1192	34880.	1193	35644.	1194	36383.
1195	37096.	1196	37770.	1197	38382.	1198	38928.	1199	39412.
1200	39839.	1201	40211.	1202	40530.	1203	40799.	1204	41012.
1205	41167.	1206	41269.	1207	41319.	1208	41322.	1209	41283.
1210	41208.	1211	41100.	1212	40964.	1213	40799.	1214	40611.
1215	40398.	1216	40164.	1217	39908.	1218	39634.	1219	39344.
1220	39043.	1221	38735.	1222	38425.	1223	38118.	1224	37817.
1225	37528.	1226	37252.	1227	36992.	1228	36752.	1229	36529.
1230	36326.	1231	36145.	1232	35988.	1233	35854.	1234	35746.
1235	35663.	1236	35606.	1237	35573.	1238	35563.	1239	35574.
1240	35602.	1241	35644.	1242	35696.	1243	35752.	1244	35807.
1245	35856.	1246	35894.	1247	35915.	1248	35917.	1249	35894.
1250	35843.	1251	35764.	1252	35653.	1253	35511.	1254	35337.
1255	35133.	1256	34899.	1257	34639.	1258	34355.	1259	34051.
1260	33733.	1261	33403.	1262	33060.	1263	32708.	1264	32343.
1265	31969.	1266	31588.	1267	31202.	1268	30813.	1269	30426.
1270	30039.	1271	29658.	1272	29277.	1273	28897.	1274	28517.
1275	28136.	1276	27758.	1277	27384.	1278	27021.	1279	26666.
1280	26317.	1281	25975.	1282	25641.	1283	25312.	1284	24985.
1285	24663.	1286	24347.	1287	24043.	1288	23746.	1289	23457.
1290	23172.	1291	22895.	1292	22626.	1293	22364.	1294	22106.
1295	21852.	1296	21600.	1297	21355.	1298	21114.	1299	20876.
1300	20643.	1310	18662.	1320	17117.	1330	15778.	1340	14675.
1350	13709.	1360	12876.	1370	12121.	1380	11464.	1390	10866.
1400	10305.	1420	9281.	1440	8395.	1460	7564.	1500	6089.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO LAS POSAS PRIOR JCT WITH PEACH HILL, Q100

HYDROGRAPH AT 15031 1490A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1672.	200	1682.	300	1757.	400	1987.
500	2395.	600	2899.	700	3435.	800	4080.	900	4932.
1000	6577.	1050	8008.	1100	10318.	1110	10893.	1120	11526.
1130	12258.	1131	12339.	1132	12419.	1133	12500.	1134	12583.
1135	12667.	1136	12753.	1137	12840.	1138	12928.	1139	13019.
1140	13111.	1141	13206.	1142	13303.	1143	13403.	1144	13507.
1145	13613.	1146	13720.	1147	13830.	1148	13945.	1149	14062.
1150	14182.	1151	14309.	1152	14451.	1153	14592.	1154	14744.
1155	14900.	1156	15059.	1157	15220.	1158	15385.	1159	15552.
1160	15723.	1161	15903.	1162	16100.	1163	16307.	1164	16509.
1165	16729.	1166	16966.	1167	17220.	1168	17489.	1169	17769.
1170	18069.	1171	18392.	1172	18746.	1173	19132.	1174	19536.
1175	19952.	1176	20378.	1177	20819.	1178	21276.	1179	21746.
1180	22226.	1181	22702.	1182	23168.	1183	23636.	1184	24114.
1185	24601.	1186	25099.	1187	25607.	1188	26119.	1189	26638.
1190	27173.	1191	27725.	1192	28295.	1193	28906.	1194	29547.
1195	30225.	1196	30938.	1197	31681.	1198	32466.	1199	33277.
1200	34086.	1201	34878.	1202	35648.	1203	36405.	1204	37125.
1205	37788.	1206	38389.	1207	38927.	1208	39406.	1209	39828.
1210	40206.	1211	40527.	1212	40786.	1213	40983.	1214	41122.
1215	41209.	1216	41247.	1217	41241.	1218	41195.	1219	41113.
1220	40999.	1221	40856.	1222	40688.	1223	40498.	1224	40288.
1225	40057.	1226	39810.	1227	39549.	1228	39271.	1229	38982.
1230	38686.	1231	38389.	1232	38094.	1233	37806.	1234	37529.
1235	37266.	1236	37019.	1237	36789.	1238	36577.	1239	36385.
1240	36213.	1241	36063.	1242	35935.	1243	35831.	1244	35752.
1245	35695.	1246	35659.	1247	35645.	1248	35648.	1249	35668.
1250	35699.	1251	35738.	1252	35780.	1253	35821.	1254	35856.

CALLEGUA. 990									
1255	35880.	1256	35889.	1257	35878.	1258	35844.	1259	35786.
1260	35701.	1261	35587.	1262	35444.	1263	35273.	1264	35073.
1265	34845.	1266	34594.	1267	34321.	1268	34030.	1269	33724.
1270	33406.	1271	33076.	1272	32736.	1273	32388.	1274	32030.
1275	31668.	1276	31303.	1277	30930.	1278	30557.	1279	30186.
1280	29817.	1281	29446.	1282	29075.	1283	28704.	1284	28337.
1285	27980.	1286	27622.	1287	27269.	1288	26922.	1289	26581.
1290	26245.	1291	25911.	1292	25581.	1293	25257.	1294	24945.
1295	24640.	1296	24345.	1297	24056.	1298	23773.	1299	23493.
1300	23217.	1310	20805.	1320	18884.	1330	17311.	1340	15975.
1350	14868.	1360	13886.	1370	13053.	1380	12296.	1390	11623.
1400	11021.	1420	9942.	1440	8977.	1460	8124.	1500	6611.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 PEACH HILL UPDATE W/AS-BUILT PLANS & DEV. (NEW MAP) Q100F DT/BA/89
 HYDROGRAPH AT 15031 1491B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	0.	1164	0.
1165	0.	1166	0.	1167	0.	1168	0.	1169	0.
1170	0.	1171	0.	1172	0.	1173	0.	1174	0.
1175	0.	1176	0.	1177	0.	1178	0.	1179	0.
1180	0.	1181	0.	1182	0.	1183	0.	1184	0.
1185	0.	1186	0.	1187	0.	1188	0.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.
1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 PEACH HILL AT UPSTREAM END OF HAWKES FEMA STUDY Q100F

HYDROGRAPH AT 15031 1501B				CALLEGUA. 990 STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	7.	200	7.	300	7.	400	8.
500	9.	600	10.	700	12.	800	15.	900	21.
1000	39.	1050	59.	1100	88.	1110	124.	1120	168.
1130	149.	1131	152.	1132	156.	1133	164.	1134	174.
1135	185.	1136	198.	1137	210.	1138	222.	1139	234.
1140	241.	1141	251.	1142	260.	1143	269.	1144	280.
1145	295.	1146	312.	1147	333.	1148	355.	1149	359.
1150	355.	1151	380.	1152	490.	1153	559.	1154	625.
1155	663.	1156	671.	1157	665.	1158	666.	1159	653.
1160	600.	1161	490.	1162	417.	1163	334.	1164	268.
1165	224.	1166	194.	1167	173.	1168	161.	1169	142.
1170	140.	1171	129.	1172	123.	1173	116.	1174	111.
1175	106.	1176	101.	1177	97.	1178	100.	1179	90.
1180	88.	1181	85.	1182	80.	1183	75.	1184	71.
1185	66.	1186	62.	1187	57.	1188	54.	1189	51.
1190	49.	1191	49.	1192	48.	1193	48.	1194	50.
1195	51.	1196	52.	1197	54.	1198	55.	1199	56.
1200	57.	1201	58.	1202	59.	1203	61.	1204	62.
1205	65.	1206	67.	1207	69.	1208	71.	1209	73.
1210	75.	1211	74.	1212	73.	1213	70.	1214	67.
1215	62.	1216	58.	1217	53.	1218	49.	1219	44.
1220	41.	1221	39.	1222	36.	1223	35.	1224	34.
1225	33.	1226	33.	1227	33.	1228	33.	1229	33.
1230	32.	1231	32.	1232	32.	1233	32.	1234	32.
1235	32.	1236	32.	1237	32.	1238	32.	1239	32.
1240	32.	1241	32.	1242	31.	1243	30.	1244	29.
1245	28.	1246	26.	1247	25.	1248	23.	1249	22.
1250	21.	1251	20.	1252	19.	1253	18.	1254	18.
1255	18.	1256	17.	1257	17.	1258	17.	1259	17.
1260	17.	1261	17.	1262	17.	1263	17.	1264	17.
1265	17.	1266	17.	1267	17.	1268	17.	1269	17.
1270	17.	1271	17.	1272	17.	1273	17.	1274	16.
1275	16.	1276	16.	1277	16.	1278	15.	1279	15.
1280	15.	1281	14.	1282	14.	1283	14.	1284	14.
1285	14.	1286	14.	1287	14.	1288	14.	1289	14.
1290	14.	1291	14.	1292	14.	1293	14.	1294	14.
1295	14.	1296	14.	1297	14.	1298	14.	1299	14.
1300	14.	1310	11.	1320	10.	1330	8.	1340	7.
1350	9.	1360	8.	1370	7.	1380	7.	1390	7.
1400	6.	1420	5.	1440	5.	1460	5.	1500	5.

HYDROGRAPH AT 15031 1508D				MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952 PIPE IN TIERRA REJADA PRIOR TO JCT. W/PEACH HILL Q100F STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	2.	300	2.	400	2.
500	3.	600	3.	700	4.	800	5.	900	7.
1000	13.	1050	23.	1100	42.	1110	62.	1120	92.
1130	82.	1131	80.	1132	82.	1133	85.	1134	91.
1135	98.	1136	106.	1137	114.	1138	121.	1139	127.
1140	133.	1141	139.	1142	146.	1143	152.	1144	158.
1145	165.	1146	175.	1147	187.	1148	199.	1149	208.
1150	209.	1151	212.	1152	243.	1153	303.	1154	359.
1155	393.	1156	408.	1157	410.	1158	399.	1159	367.
1160	334.	1161	318.	1162	295.	1163	247.	1164	189.
1165	145.	1166	118.	1167	102.	1168	92.	1169	83.
1170	75.	1171	71.	1172	67.	1173	63.	1174	60.

CALLEGUA. 990

1175	57.	1176	54.	1177	51.	1178	47.	1179	45.
1180	44.	1181	42.	1182	40.	1183	37.	1184	34.
1185	31.	1186	28.	1187	26.	1188	24.	1189	22.
1190	20.	1191	19.	1192	18.	1193	17.	1194	17.
1195	17.	1196	18.	1197	19.	1198	19.	1199	20.
1200	21.	1201	22.	1202	22.	1203	23.	1204	24.
1205	25.	1206	26.	1207	28.	1208	29.	1209	31.
1210	32.	1211	33.	1212	33.	1213	32.	1214	31.
1215	29.	1216	27.	1217	24.	1218	22.	1219	20.
1220	18.	1221	16.	1222	14.	1223	13.	1224	12.
1225	11.	1226	11.	1227	11.	1228	11.	1229	11.
1230	11.	1231	11.	1232	11.	1233	11.	1234	11.
1235	11.	1236	11.	1237	11.	1238	11.	1239	11.
1240	11.	1241	11.	1242	11.	1243	10.	1244	10.
1245	10.	1246	9.	1247	9.	1248	8.	1249	8.
1250	7.	1251	7.	1252	6.	1253	6.	1254	6.
1255	5.	1256	5.	1257	5.	1258	5.	1259	5.
1260	5.	1261	5.	1262	5.	1263	5.	1264	5.
1265	5.	1266	5.	1267	5.	1268	5.	1269	5.
1270	5.	1271	5.	1272	5.	1273	5.	1274	5.
1275	5.	1276	5.	1277	5.	1278	5.	1279	5.
1280	5.	1281	5.	1282	4.	1283	4.	1284	4.
1285	4.	1286	4.	1287	4.	1288	4.	1289	4.
1290	4.	1291	4.	1292	4.	1293	4.	1294	4.
1295	4.	1296	4.	1297	4.	1298	4.	1299	4.
1300	4.	1310	4.	1320	3.	1330	3.	1340	2.
1350	3.	1360	3.	1370	2.	1380	2.	1390	2.
1400	2.	1420	2.	1440	2.	1460	2.	1500	2.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 PEACH HILL TRIBUTARY FROM NO. PRIOR TO JCT. W/MAIN CH. Q100F

HYDROGRAPH AT 15031 1511E STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	4.	300	4.	400	5.
500	5.	600	6.	700	7.	800	9.	900	12.
1000	19.	1050	29.	1100	46.	1110	64.	1120	87.
1130	82.	1131	84.	1132	86.	1133	88.	1134	91.
1135	95.	1136	100.	1137	105.	1138	110.	1139	115.
1140	121.	1141	126.	1142	131.	1143	137.	1144	144.
1145	152.	1146	160.	1147	168.	1148	178.	1149	179.
1150	181.	1151	198.	1152	250.	1153	267.	1154	286.
1155	308.	1156	322.	1157	330.	1158	332.	1159	335.
1160	336.	1161	314.	1162	256.	1163	236.	1164	224.
1165	202.	1166	172.	1167	145.	1168	123.	1169	106.
1170	98.	1171	89.	1172	80.	1173	75.	1174	70.
1175	66.	1176	63.	1177	60.	1178	57.	1179	57.
1180	51.	1181	48.	1182	46.	1183	44.	1184	42.
1185	39.	1186	37.	1187	34.	1188	32.	1189	31.
1190	29.	1191	28.	1192	27.	1193	26.	1194	26.
1195	26.	1196	26.	1197	26.	1198	27.	1199	27.
1200	27.	1201	28.	1202	29.	1203	30.	1204	31.
1205	31.	1206	33.	1207	33.	1208	34.	1209	36.
1210	37.	1211	36.	1212	36.	1213	35.	1214	34.
1215	33.	1216	32.	1217	30.	1218	28.	1219	27.
1220	26.	1221	25.	1222	23.	1223	22.	1224	21.
1225	20.	1226	19.	1227	18.	1228	18.	1229	17.
1230	17.	1231	17.	1232	17.	1233	17.	1234	17.
1235	16.	1236	16.	1237	16.	1238	16.	1239	16.
1240	16.	1241	16.	1242	16.	1243	16.	1244	16.
1245	16.	1246	15.	1247	15.	1248	15.	1249	14.

CALLEGUA. 990									
1250	14.	1251	14.	1252	13.	1253	13.	1254	12.
1255	12.	1256	12.	1257	11.	1258	11.	1259	11.
1260	11.	1261	11.	1262	10.	1263	10.	1264	10.
1265	10.	1266	10.	1267	10.	1268	10.	1269	10.
1270	10.	1271	10.	1272	10.	1273	10.	1274	10.
1275	10.	1276	10.	1277	9.	1278	9.	1279	9.
1280	9.	1281	9.	1282	9.	1283	9.	1284	9.
1285	9.	1286	8.	1287	8.	1288	8.	1289	8.
1290	8.	1291	8.	1292	8.	1293	8.	1294	8.
1295	8.	1296	8.	1297	8.	1298	8.	1299	8.
1300	8.	1310	7.	1320	6.	1330	5.	1340	4.
1350	5.	1360	5.	1370	4.	1380	4.	1390	4.
1400	3.	1420	3.	1440	3.	1460	2.	1500	2.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 PEACH HILL WASH AFTER JCT. W/NO TRIBUTARY Q100F 1989 UPDAT
 HYDROGRAPH AT 15031 1512B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	14.	200	14.	300	15.	400	16.
500	19.	600	21.	700	24.	800	30.	900	41.
1000	66.	1050	97.	1100	148.	1110	194.	1120	275.
1130	284.	1131	287.	1132	292.	1133	296.	1134	302.
1135	309.	1136	319.	1137	331.	1138	344.	1139	359.
1140	374.	1141	393.	1142	413.	1143	435.	1144	458.
1145	485.	1146	513.	1147	541.	1148	571.	1149	585.
1150	597.	1151	641.	1152	756.	1153	821.	1154	873.
1155	941.	1156	1000.	1157	1066.	1158	1126.	1159	1161.
1160	1144.	1161	1107.	1162	1042.	1163	994.	1164	939.
1165	857.	1166	757.	1167	658.	1168	568.	1169	489.
1170	432.	1171	382.	1172	339.	1173	309.	1174	284.
1175	263.	1176	245.	1177	231.	1178	217.	1179	208.
1180	194.	1181	185.	1182	176.	1183	169.	1184	161.
1185	153.	1186	146.	1187	139.	1188	132.	1189	128.
1190	122.	1191	117.	1192	113.	1193	108.	1194	104.
1195	101.	1196	98.	1197	96.	1198	94.	1199	92.
1200	92.	1201	92.	1202	92.	1203	94.	1204	95.
1205	97.	1206	99.	1207	101.	1208	103.	1209	106.
1210	109.	1211	110.	1212	111.	1213	113.	1214	114.
1215	114.	1216	113.	1217	112.	1218	110.	1219	109.
1220	106.	1221	104.	1222	100.	1223	96.	1224	92.
1225	88.	1226	84.	1227	80.	1228	77.	1229	74.
1230	71.	1231	69.	1232	66.	1233	65.	1234	63.
1235	62.	1236	62.	1237	61.	1238	60.	1239	60.
1240	59.	1241	59.	1242	59.	1243	58.	1244	58.
1245	57.	1246	57.	1247	56.	1248	56.	1249	55.
1250	54.	1251	54.	1252	53.	1253	52.	1254	50.
1255	49.	1256	48.	1257	46.	1258	45.	1259	44.
1260	43.	1261	41.	1262	40.	1263	40.	1264	39.
1265	38.	1266	38.	1267	37.	1268	37.	1269	37.
1270	36.	1271	36.	1272	36.	1273	35.	1274	35.
1275	35.	1276	34.	1277	34.	1278	34.	1279	33.
1280	33.	1281	33.	1282	33.	1283	32.	1284	32.
1285	32.	1286	32.	1287	31.	1288	31.	1289	31.
1290	30.	1291	30.	1292	30.	1293	30.	1294	30.
1295	29.	1296	29.	1297	29.	1298	29.	1299	29.
1300	29.	1310	26.	1320	24.	1330	20.	1340	17.
1350	18.	1360	16.	1370	16.	1380	15.	1390	15.
1400	13.	1420	13.	1440	13.	1460	12.	1500	12.

CALLEGUA. 990
 PEACH HILL WASH AFTER JCT. W/PIPE IN TIERRA REJ. Q100F UPDT
 HYDROGRAPH AT 15031 1513B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	16.	200	16.	300	17.	400	18.
500	21.	600	24.	700	27.	800	34.	900	47.
1000	79.	1050	119.	1100	189.	1110	256.	1120	366.
1130	367.	1131	367.	1132	373.	1133	381.	1134	393.
1135	407.	1136	424.	1137	443.	1138	464.	1139	484.
1140	506.	1141	530.	1142	557.	1143	585.	1144	613.
1145	648.	1146	686.	1147	725.	1148	768.	1149	792.
1150	805.	1151	849.	1152	989.	1153	1123.	1154	1226.
1155	1330.	1156	1403.	1157	1472.	1158	1521.	1159	1527.
1160	1480.	1161	1428.	1162	1342.	1163	1243.	1164	1134.
1165	1007.	1166	883.	1167	767.	1168	668.	1169	578.
1170	513.	1171	457.	1172	410.	1173	375.	1174	347.
1175	322.	1176	301.	1177	283.	1178	266.	1179	253.
1180	239.	1181	227.	1182	217.	1183	206.	1184	196.
1185	185.	1186	175.	1187	166.	1188	157.	1189	150.
1190	143.	1191	137.	1192	132.	1193	126.	1194	122.
1195	119.	1196	116.	1197	114.	1198	114.	1199	113.
1200	113.	1201	114.	1202	115.	1203	117.	1204	119.
1205	122.	1206	125.	1207	129.	1208	132.	1209	136.
1210	140.	1211	143.	1212	144.	1213	145.	1214	144.
1215	143.	1216	140.	1217	137.	1218	133.	1219	129.
1220	125.	1221	120.	1222	115.	1223	109.	1224	104.
1225	100.	1226	95.	1227	92.	1228	88.	1229	85.
1230	82.	1231	80.	1232	77.	1233	76.	1234	74.
1235	73.	1236	72.	1237	72.	1238	71.	1239	70.
1240	70.	1241	70.	1242	69.	1243	69.	1244	68.
1245	67.	1246	66.	1247	65.	1248	64.	1249	63.
1250	62.	1251	60.	1252	59.	1253	58.	1254	56.
1255	55.	1256	53.	1257	52.	1258	51.	1259	49.
1260	48.	1261	47.	1262	46.	1263	45.	1264	44.
1265	44.	1266	43.	1267	43.	1268	42.	1269	42.
1270	42.	1271	41.	1272	41.	1273	41.	1274	40.
1275	40.	1276	39.	1277	39.	1278	38.	1279	38.
1280	38.	1281	37.	1282	37.	1283	37.	1284	37.
1285	36.	1286	36.	1287	36.	1288	35.	1289	35.
1290	35.	1291	35.	1292	34.	1293	34.	1294	34.
1295	34.	1296	33.	1297	33.	1298	33.	1299	33.
1300	33.	1310	30.	1320	27.	1330	23.	1340	20.
1350	20.	1360	19.	1370	18.	1380	17.	1390	17.
1400	16.	1420	16.	1440	16.	1460	16.	1500	16.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 EAST BRANCH OF PIPE LATERAL PRIOR TO JCT. W/WEST BRCH. Q100
 HYDROGRAPH AT 15031 1520D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	4.	300	4.	400	5.
500	5.	600	6.	700	7.	800	9.	900	11.
1000	19.	1050	33.	1100	59.	1110	77.	1120	110.
1130	118.	1131	118.	1132	119.	1133	120.	1134	123.
1135	127.	1136	132.	1137	139.	1138	144.	1139	151.
1140	157.	1141	164.	1142	170.	1143	177.	1144	184.
1145	194.	1146	204.	1147	217.	1148	231.	1149	242.
1150	252.	1151	265.	1152	292.	1153	317.	1154	353.
1155	391.	1156	426.	1157	456.	1158	473.	1159	468.
1160	464.	1161	449.	1162	424.	1163	387.	1164	352.
1165	325.	1166	306.	1167	287.	1168	268.	1169	245.

CALLEGUA. 990

1170	226.	1171	204.	1172	181.	1173	159.	1174	139.
1175	123.	1176	112.	1177	102.	1178	95.	1179	89.
1180	83.	1181	79.	1182	74.	1183	70.	1184	66.
1185	62.	1186	58.	1187	55.	1188	51.	1189	48.
1190	45.	1191	43.	1192	41.	1193	39.	1194	37.
1195	36.	1196	35.	1197	34.	1198	33.	1199	33.
1200	33.	1201	32.	1202	32.	1203	32.	1204	32.
1205	33.	1206	34.	1207	35.	1208	36.	1209	38.
1210	40.	1211	41.	1212	42.	1213	42.	1214	43.
1215	42.	1216	41.	1217	40.	1218	39.	1219	37.
1220	36.	1221	35.	1222	33.	1223	32.	1224	31.
1225	30.	1226	29.	1227	27.	1228	26.	1229	25.
1230	24.	1231	23.	1232	22.	1233	21.	1234	21.
1235	20.	1236	19.	1237	19.	1238	18.	1239	18.
1240	18.	1241	17.	1242	17.	1243	17.	1244	17.
1245	17.	1246	16.	1247	16.	1248	16.	1249	16.
1250	16.	1251	16.	1252	15.	1253	15.	1254	15.
1255	15.	1256	15.	1257	14.	1258	14.	1259	14.
1260	13.	1261	13.	1262	13.	1263	13.	1264	12.
1265	12.	1266	12.	1267	12.	1268	11.	1269	11.
1270	11.	1271	11.	1272	11.	1273	10.	1274	10.
1275	10.	1276	10.	1277	10.	1278	9.	1279	9.
1280	9.	1281	9.	1282	9.	1283	9.	1284	9.
1285	9.	1286	8.	1287	8.	1288	8.	1289	8.
1290	8.	1291	8.	1292	8.	1293	8.	1294	8.
1295	8.	1296	8.	1297	8.	1298	8.	1299	8.
1300	8.	1310	7.	1320	6.	1330	5.	1340	4.
1350	5.	1360	5.	1370	4.	1380	4.	1390	4.
1400	4.	1420	3.	1440	3.	1460	3.	1500	3.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

WEST BRANCH OF PIPE LATERAL PRIOR TO JCT. W/EAST BRCH. Q100
 HYDROGRAPH AT 15031 1525E STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	3.	300	3.	400	3.
500	4.	600	4.	700	5.	800	6.	900	8.
1000	9.	1050	21.	1100	48.	1110	78.	1120	120.
1130	105.	1131	106.	1132	110.	1133	116.	1134	124.
1135	133.	1136	143.	1137	152.	1138	161.	1139	171.
1140	180.	1141	188.	1142	198.	1143	207.	1144	217.
1145	230.	1146	244.	1147	260.	1148	276.	1149	281.
1150	279.	1151	295.	1152	379.	1153	448.	1154	503.
1155	529.	1156	533.	1157	525.	1158	511.	1159	501.
1160	494.	1161	465.	1162	390.	1163	335.	1164	275.
1165	228.	1166	197.	1167	166.	1168	137.	1169	114.
1170	104.	1171	94.	1172	87.	1173	81.	1174	75.
1175	69.	1176	64.	1177	60.	1178	57.	1179	57.
1180	49.	1181	46.	1182	42.	1183	38.	1184	35.
1185	32.	1186	29.	1187	26.	1188	23.	1189	21.
1190	19.	1191	17.	1192	16.	1193	16.	1194	15.
1195	15.	1196	15.	1197	16.	1198	16.	1199	17.
1200	18.	1201	19.	1202	19.	1203	20.	1204	22.
1205	23.	1206	25.	1207	27.	1208	29.	1209	31.
1210	33.	1211	32.	1212	32.	1213	31.	1214	29.
1215	27.	1216	25.	1217	23.	1218	20.	1219	18.
1220	16.	1221	14.	1222	13.	1223	11.	1224	11.
1225	10.	1226	9.	1227	9.	1228	9.	1229	9.
1230	9.	1231	9.	1232	9.	1233	9.	1234	9.
1235	9.	1236	9.	1237	9.	1238	9.	1239	9.
1240	9.	1241	9.	1242	8.	1243	8.	1244	8.

CALLEGUA. 990

1245	8.	1246	8.	1247	8.	1248	8.	1249	8.
1250	7.	1251	7.	1252	7.	1253	7.	1254	7.
1255	7.	1256	7.	1257	7.	1258	7.	1259	7.
1260	7.	1261	7.	1262	7.	1263	7.	1264	7.
1265	7.	1266	7.	1267	7.	1268	7.	1269	7.
1270	7.	1271	7.	1272	7.	1273	7.	1274	7.
1275	7.	1276	7.	1277	6.	1278	6.	1279	6.
1280	6.	1281	6.	1282	6.	1283	6.	1284	6.
1285	6.	1286	6.	1287	6.	1288	6.	1289	6.
1290	6.	1291	6.	1292	6.	1293	6.	1294	6.
1295	6.	1296	6.	1297	6.	1298	6.	1299	6.
1300	6.	1310	5.	1320	4.	1330	3.	1340	3.
1350	4.	1360	3.	1370	3.	1380	3.	1390	3.
1400	2.	1420	1.	1440	1.	1460	1.	1500	1.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

102 INCH PIPE IN MT. MEADOW PRIOR TO JCT. W/MAIN BRCH. Q100
 HYDROGRAPH AT 15031 1526D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	7.	200	7.	300	7.	400	8.
500	9.	600	10.	700	12.	800	15.	900	19.
1000	28.	1050	53.	1100	105.	1110	149.	1120	224.
1130	228.	1131	225.	1132	225.	1133	229.	1134	237.
1135	248.	1136	262.	1137	277.	1138	292.	1139	308.
1140	324.	1141	340.	1142	355.	1143	371.	1144	388.
1145	408.	1146	430.	1147	457.	1148	486.	1149	512.
1150	530.	1151	547.	1152	594.	1153	675.	1154	778.
1155	868.	1156	937.	1157	980.	1158	999.	1159	987.
1160	973.	1161	945.	1162	893.	1163	801.	1164	701.
1165	618.	1166	550.	1167	495.	1168	445.	1169	395.
1170	352.	1171	314.	1172	281.	1173	250.	1174	224.
1175	202.	1176	185.	1177	170.	1178	159.	1179	148.
1180	141.	1181	132.	1182	123.	1183	115.	1184	108.
1185	100.	1186	93.	1187	87.	1188	81.	1189	75.
1190	69.	1191	65.	1192	61.	1193	57.	1194	54.
1195	52.	1196	50.	1197	49.	1198	49.	1199	49.
1200	49.	1201	49.	1202	50.	1203	50.	1204	51.
1205	53.	1206	55.	1207	58.	1208	61.	1209	65.
1210	68.	1211	71.	1212	73.	1213	74.	1214	74.
1215	73.	1216	71.	1217	68.	1218	64.	1219	61.
1220	57.	1221	54.	1222	50.	1223	47.	1224	45.
1225	42.	1226	40.	1227	38.	1228	36.	1229	35.
1230	34.	1231	32.	1232	31.	1233	30.	1234	29.
1235	29.	1236	28.	1237	27.	1238	27.	1239	27.
1240	26.	1241	26.	1242	26.	1243	26.	1244	25.
1245	25.	1246	25.	1247	24.	1248	24.	1249	24.
1250	24.	1251	23.	1252	23.	1253	23.	1254	22.
1255	22.	1256	22.	1257	22.	1258	21.	1259	21.
1260	21.	1261	20.	1262	20.	1263	20.	1264	20.
1265	19.	1266	19.	1267	19.	1268	19.	1269	18.
1270	18.	1271	18.	1272	18.	1273	18.	1274	17.
1275	17.	1276	17.	1277	16.	1278	16.	1279	16.
1280	16.	1281	15.	1282	15.	1283	15.	1284	15.
1285	15.	1286	14.	1287	14.	1288	14.	1289	14.
1290	14.	1291	14.	1292	14.	1293	14.	1294	14.
1295	14.	1296	14.	1297	14.	1298	14.	1299	14.
1300	14.	1310	12.	1320	11.	1330	9.	1340	7.
1350	9.	1360	8.	1370	7.	1380	7.	1390	7.
1400	7.	1420	6.	1440	6.	1460	6.	1500	6.

CALLEGUA. 990
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 PEACH HILL WASH AFTER JCT. W/102 IN PIPE Q100F UPDATE 89
 HYDROGRAPH AT 15031 1527B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	26.	200	26.	300	27.	400	29.
500	34.	600	38.	700	43.	800	54.	900	73.
1000	113.	1050	182.	1100	316.	1110	402.	1120	585.
1130	663.	1131	659.	1132	659.	1133	660.	1134	667.
1135	680.	1136	699.	1137	724.	1138	754.	1139	787.
1140	823.	1141	859.	1142	895.	1143	934.	1144	976.
1145	1022.	1146	1078.	1147	1140.	1148	1210.	1149	1283.
1150	1351.	1151	1407.	1152	1476.	1153	1599.	1154	1784.
1155	1999.	1156	2212.	1157	2398.	1158	2547.	1159	2650.
1160	2691.	1161	2663.	1162	2582.	1163	2464.	1164	2313.
1165	2151.	1166	1989.	1167	1831.	1168	1673.	1169	1514.
1170	1357.	1171	1217.	1172	1087.	1173	971.	1174	871.
1175	788.	1176	717.	1177	656.	1178	605.	1179	565.
1180	529.	1181	497.	1182	468.	1183	440.	1184	414.
1185	390.	1186	369.	1187	349.	1188	329.	1189	311.
1190	293.	1191	277.	1192	262.	1193	249.	1194	237.
1195	227.	1196	219.	1197	211.	1198	205.	1199	200.
1200	195.	1201	191.	1202	188.	1203	186.	1204	185.
1205	185.	1206	187.	1207	190.	1208	194.	1209	199.
1210	205.	1211	212.	1212	219.	1213	224.	1214	228.
1215	230.	1216	230.	1217	229.	1218	226.	1219	222.
1220	217.	1221	211.	1222	206.	1223	200.	1224	194.
1225	189.	1226	182.	1227	176.	1228	170.	1229	165.
1230	159.	1231	154.	1232	148.	1233	143.	1234	138.
1235	134.	1236	129.	1237	125.	1238	122.	1239	119.
1240	116.	1241	114.	1242	112.	1243	111.	1244	110.
1245	108.	1246	107.	1247	106.	1248	105.	1249	104.
1250	103.	1251	102.	1252	101.	1253	100.	1254	98.
1255	97.	1256	96.	1257	95.	1258	93.	1259	92.
1260	91.	1261	89.	1262	88.	1263	86.	1264	84.
1265	83.	1266	81.	1267	80.	1268	78.	1269	77.
1270	75.	1271	74.	1272	73.	1273	72.	1274	71.
1275	70.	1276	69.	1277	68.	1278	67.	1279	66.
1280	66.	1281	65.	1282	64.	1283	63.	1284	62.
1285	62.	1286	61.	1287	60.	1288	60.	1289	59.
1290	59.	1291	58.	1292	58.	1293	58.	1294	57.
1295	57.	1296	56.	1297	56.	1298	56.	1299	55.
1300	55.	1310	51.	1320	47.	1330	41.	1340	36.
1350	34.	1360	32.	1370	30.	1380	29.	1390	28.
1400	27.	1420	26.	1440	26.	1460	26.	1500	26.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 PEACH HILL TRIBUTARY PRIOR TO JCT. W/MAIN Q100F UPDATE 89
 HYDROGRAPH AT 15031 1530C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	1.	400	1.
500	1.	600	1.	700	1.	800	2.	900	2.
1000	3.	1050	3.	1100	7.	1110	12.	1120	18.
1130	14.	1131	16.	1132	18.	1133	19.	1134	21.
1135	23.	1136	25.	1137	27.	1138	28.	1139	28.
1140	28.	1141	30.	1142	31.	1143	32.	1144	34.
1145	37.	1146	41.	1147	44.	1148	47.	1149	43.
1150	40.	1151	49.	1152	83.	1153	90.	1154	90.
1155	88.	1156	84.	1157	85.	1158	88.	1159	75.
1160	39.	1161	27.	1162	23.	1163	19.	1164	18.

CALLEGUA. 990

1165	17.	1166	15.	1167	14.	1168	13.	1169	10.
1170	11.	1171	10.	1172	9.	1173	8.	1174	8.
1175	7.	1176	7.	1177	9.	1178	6.	1179	5.
1180	5.	1181	4.	1182	3.	1183	3.	1184	3.
1185	3.	1186	3.	1187	3.	1188	3.	1189	3.
1190	3.	1191	3.	1192	3.	1193	3.	1194	3.
1195	3.	1196	3.	1197	3.	1198	3.	1199	3.
1200	3.	1201	3.	1202	3.	1203	3.	1204	4.
1205	4.	1206	4.	1207	5.	1208	5.	1209	5.
1210	5.	1211	4.	1212	3.	1213	3.	1214	3.
1215	3.	1216	3.	1217	3.	1218	3.	1219	3.
1220	3.	1221	3.	1222	3.	1223	3.	1224	3.
1225	3.	1226	3.	1227	3.	1228	3.	1229	3.
1230	3.	1231	3.	1232	3.	1233	3.	1234	3.
1235	3.	1236	3.	1237	3.	1238	3.	1239	3.
1240	3.	1241	2.	1242	2.	1243	2.	1244	2.
1245	2.	1246	2.	1247	2.	1248	2.	1249	2.
1250	2.	1251	2.	1252	2.	1253	2.	1254	2.
1255	2.	1256	2.	1257	2.	1258	2.	1259	2.
1260	2.	1261	2.	1262	2.	1263	2.	1264	2.
1265	2.	1266	2.	1267	2.	1268	2.	1269	2.
1270	2.	1271	2.	1272	2.	1273	2.	1274	2.
1275	2.	1276	2.	1277	2.	1278	2.	1279	2.
1280	2.	1281	2.	1282	2.	1283	2.	1284	2.
1285	2.	1286	2.	1287	2.	1288	2.	1289	2.
1290	2.	1291	2.	1292	2.	1293	2.	1294	2.
1295	2.	1296	2.	1297	2.	1298	2.	1299	2.
1300	2.	1310	1.	1320	1.	1330	1.	1340	1.
1350	1.	1360	1.	1370	1.	1380	1.	1390	1.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

PEACH HILL WASH-TOTAL INFLOW INTO RETENTION BASIN Q100F
 HYDROGRAPH AT 15031 1535B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	31.	200	31.	300	31.	400	34.
500	39.	600	44.	700	50.	800	61.	900	81.
1000	121.	1050	188.	1100	331.	1110	399.	1120	515.
1130	629.	1131	643.	1132	660.	1133	679.	1134	700.
1135	722.	1136	744.	1137	766.	1138	787.	1139	805.
1140	822.	1141	840.	1142	858.	1143	877.	1144	899.
1145	927.	1146	959.	1147	994.	1148	1033.	1149	1061.
1150	1083.	1151	1129.	1152	1247.	1153	1358.	1154	1458.
1155	1538.	1156	1602.	1157	1666.	1158	1730.	1159	1777.
1160	1802.	1161	1872.	1162	1958.	1163	2067.	1164	2196.
1165	2311.	1166	2391.	1167	2450.	1168	2499.	1169	2525.
1170	2524.	1171	2489.	1172	2430.	1173	2350.	1174	2254.
1175	2143.	1176	2022.	1177	1901.	1178	1776.	1179	1656.
1180	1539.	1181	1432.	1182	1335.	1183	1241.	1184	1149.
1185	1060.	1186	979.	1187	909.	1188	847.	1189	791.
1190	740.	1191	702.	1192	662.	1193	624.	1194	591.
1195	560.	1196	531.	1197	504.	1198	480.	1199	457.
1200	435.	1201	416.	1202	398.	1203	382.	1204	368.
1205	355.	1206	343.	1207	332.	1208	322.	1209	315.
1210	308.	1211	299.	1212	289.	1213	280.	1214	270.
1215	261.	1216	252.	1217	244.	1218	238.	1219	233.
1220	229.	1221	226.	1222	225.	1223	224.	1224	225.
1225	226.	1226	228.	1227	230.	1228	231.	1229	232.
1230	233.	1231	233.	1232	232.	1233	231.	1234	229.
1235	227.	1236	224.	1237	221.	1238	217.	1239	213.

CALLEGUA. 990									
1240	209.	1241	205.	1242	200.	1243	195.	1244	190.
1245	185.	1246	180.	1247	175.	1248	170.	1249	165.
1250	161.	1251	156.	1252	153.	1253	149.	1254	145.
1255	142.	1256	139.	1257	136.	1258	134.	1259	132.
1260	129.	1261	127.	1262	126.	1263	124.	1264	122.
1265	121.	1266	120.	1267	118.	1268	117.	1269	116.
1270	115.	1271	114.	1272	112.	1273	111.	1274	110.
1275	108.	1276	107.	1277	105.	1278	104.	1279	102.
1280	101.	1281	99.	1282	98.	1283	96.	1284	95.
1285	93.	1286	92.	1287	91.	1288	89.	1289	88.
1290	87.	1291	86.	1292	85.	1293	84.	1294	82.
1295	81.	1296	80.	1297	79.	1298	79.	1299	78.
1300	77.	1310	69.	1320	63.	1330	57.	1340	52.
1350	48.	1360	43.	1370	40.	1380	37.	1390	36.
1400	33.	1420	30.	1440	30.	1460	29.	1500	29.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 PEACH HILL WASH-OUTFLOW FROM RETENT. BSN. Q100F' 89, Y=3. 9W/125%DEBR
 HYDROGRAPH AT 15031 1536B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	16.	200	37.	300	44.	400	48.
500	57.	600	68.	700	84.	800	109.	900	154.
1000	242.	1050	335.	1100	499.	1110	558.	1120	623.
1130	691.	1131	696.	1132	701.	1133	706.	1134	711.
1135	717.	1136	722.	1137	728.	1138	734.	1139	741.
1140	747.	1141	753.	1142	758.	1143	763.	1144	768.
1145	774.	1146	780.	1147	786.	1148	792.	1149	798.
1150	804.	1151	811.	1152	818.	1153	826.	1154	835.
1155	844.	1156	853.	1157	863.	1158	873.	1159	882.
1160	887.	1161	893.	1162	899.	1163	905.	1164	911.
1165	918.	1166	925.	1167	934.	1168	942.	1169	950.
1170	959.	1171	967.	1172	976.	1173	984.	1174	992.
1175	1000.	1176	1007.	1177	1078.	1178	1187.	1179	1275.
1180	1343.	1181	1396.	1182	1434.	1183	1461.	1184	1478.
1185	1486.	1186	1486.	1187	1481.	1188	1470.	1189	1456.
1190	1439.	1191	1421.	1192	1400.	1193	1379.	1194	1357.
1195	1334.	1196	1311.	1197	1288.	1198	1265.	1199	1243.
1200	1220.	1201	1198.	1202	1176.	1203	1155.	1204	1134.
1205	1114.	1206	1095.	1207	1076.	1208	1058.	1209	1040.
1210	1024.	1211	1010.	1212	1009.	1213	1008.	1214	1007.
1215	1006.	1216	1005.	1217	1004.	1218	1002.	1219	1001.
1220	1000.	1221	998.	1222	997.	1223	995.	1224	993.
1225	992.	1226	990.	1227	989.	1228	987.	1229	985.
1230	984.	1231	982.	1232	980.	1233	978.	1234	977.
1235	975.	1236	973.	1237	971.	1238	969.	1239	967.
1240	966.	1241	964.	1242	962.	1243	960.	1244	958.
1245	956.	1246	954.	1247	951.	1248	949.	1249	947.
1250	945.	1251	943.	1252	940.	1253	938.	1254	936.
1255	933.	1256	931.	1257	928.	1258	926.	1259	924.
1260	921.	1261	919.	1262	917.	1263	915.	1264	912.
1265	910.	1266	908.	1267	906.	1268	904.	1269	902.
1270	899.	1271	897.	1272	895.	1273	893.	1274	891.
1275	888.	1276	886.	1277	884.	1278	881.	1279	878.
1280	874.	1281	870.	1282	866.	1283	861.	1284	857.
1285	853.	1286	849.	1287	844.	1288	840.	1289	836.
1290	832.	1291	827.	1292	823.	1293	819.	1294	815.
1295	811.	1296	807.	1297	803.	1298	799.	1299	795.
1300	791.	1310	753.	1320	708.	1330	650.	1340	578.
1350	513.	1360	452.	1370	397.	1380	351.	1390	315.
1400	286.	1420	243.	1440	176.	1460	161.	1500	145.

CALLEGUA. 990

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 PEACH HILL WASH-RTED. THRU BSN. PRIOR TO JCT. W/HOME ACRES Q100F
 HYDROGRAPH AT 15031 1540B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	17.	200	37.	300	45.	400	49.
500	58.	600	69.	700	86.	800	110.	900	156.
1000	243.	1050	336.	1100	501.	1110	563.	1120	636.
1130	698.	1131	707.	1132	716.	1133	724.	1134	733.
1135	741.	1136	749.	1137	755.	1138	760.	1139	767.
1140	773.	1141	781.	1142	789.	1143	797.	1144	805.
1145	816.	1146	826.	1147	835.	1148	844.	1149	844.
1150	844.	1151	861.	1152	921.	1153	940.	1154	947.
1155	962.	1156	974.	1157	965.	1158	916.	1159	906.
1160	908.	1161	910.	1162	915.	1163	919.	1164	922.
1165	929.	1166	933.	1167	939.	1168	945.	1169	948.
1170	960.	1171	967.	1172	975.	1173	983.	1174	991.
1175	1002.	1176	1004.	1177	1022.	1178	1077.	1179	1164.
1180	1254.	1181	1328.	1182	1384.	1183	1427.	1184	1457.
1185	1476.	1186	1486.	1187	1488.	1188	1484.	1189	1475.
1190	1462.	1191	1446.	1192	1428.	1193	1408.	1194	1387.
1195	1366.	1196	1343.	1197	1321.	1198	1298.	1199	1275.
1200	1252.	1201	1230.	1202	1208.	1203	1186.	1204	1165.
1205	1145.	1206	1126.	1207	1106.	1208	1087.	1209	1069.
1210	1052.	1211	1034.	1212	1020.	1213	1014.	1214	1012.
1215	1011.	1216	1009.	1217	1008.	1218	1007.	1219	1006.
1220	1004.	1221	1003.	1222	1002.	1223	1000.	1224	999.
1225	997.	1226	995.	1227	994.	1228	992.	1229	991.
1230	989.	1231	987.	1232	986.	1233	984.	1234	982.
1235	980.	1236	978.	1237	977.	1238	975.	1239	973.
1240	971.	1241	969.	1242	967.	1243	965.	1244	963.
1245	961.	1246	959.	1247	957.	1248	955.	1249	953.
1250	950.	1251	948.	1252	946.	1253	944.	1254	941.
1255	939.	1256	937.	1257	934.	1258	932.	1259	929.
1260	927.	1261	924.	1262	922.	1263	920.	1264	918.
1265	916.	1266	914.	1267	911.	1268	909.	1269	907.
1270	905.	1271	903.	1272	900.	1273	898.	1274	896.
1275	893.	1276	891.	1277	889.	1278	887.	1279	884.
1280	881.	1281	878.	1282	873.	1283	869.	1284	865.
1285	861.	1286	856.	1287	852.	1288	848.	1289	844.
1290	839.	1291	835.	1292	831.	1293	827.	1294	822.
1295	818.	1296	814.	1297	810.	1298	806.	1299	802.
1300	798.	1310	760.	1320	716.	1330	660.	1340	590.
1350	523.	1360	463.	1370	406.	1380	360.	1390	322.
1400	292.	1420	247.	1440	185.	1460	160.	1500	149.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 HOMEACRES DRN. PRIOR TO JCT. W/PEACH HILL RTED. THRU BASIN Q100F UP
 HYDROGRAPH AT 15031 1555D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	6.	200	6.	300	6.	400	6.
500	7.	600	8.	700	9.	800	11.	900	16.
1000	31.	1050	60.	1100	126.	1110	150.	1120	197.
1130	250.	1131	256.	1132	262.	1133	270.	1134	277.
1135	284.	1136	292.	1137	299.	1138	306.	1139	313.
1140	320.	1141	329.	1142	339.	1143	350.	1144	361.
1145	375.	1146	389.	1147	405.	1148	422.	1149	437.
1150	451.	1151	469.	1152	505.	1153	547.	1154	591.
1155	622.	1156	644.	1157	666.	1158	694.	1159	730.

CALLEGUA. 990

1160	771.	1161	810.	1162	848.	1163	882.	1164	914.
1165	942.	1166	967.	1167	988.	1168	1006.	1169	1014.
1170	1015.	1171	1008.	1172	991.	1173	972.	1174	951.
1175	920.	1176	874.	1177	841.	1178	812.	1179	782.
1180	753.	1181	723.	1182	693.	1183	665.	1184	637.
1185	610.	1186	582.	1187	556.	1188	530.	1189	505.
1190	481.	1191	458.	1192	436.	1193	417.	1194	397.
1195	378.	1196	360.	1197	344.	1198	328.	1199	312.
1200	298.	1201	285.	1202	273.	1203	261.	1204	251.
1205	241.	1206	232.	1207	224.	1208	215.	1209	208.
1210	200.	1211	193.	1212	186.	1213	179.	1214	173.
1215	167.	1216	161.	1217	155.	1218	150.	1219	145.
1220	141.	1221	137.	1222	133.	1223	129.	1224	125.
1225	122.	1226	118.	1227	115.	1228	112.	1229	109.
1230	107.	1231	104.	1232	102.	1233	99.	1234	97.
1235	95.	1236	92.	1237	90.	1238	88.	1239	85.
1240	83.	1241	81.	1242	79.	1243	77.	1244	75.
1245	73.	1246	71.	1247	69.	1248	67.	1249	65.
1250	64.	1251	62.	1252	60.	1253	59.	1254	58.
1255	57.	1256	56.	1257	55.	1258	54.	1259	53.
1260	52.	1261	51.	1262	50.	1263	49.	1264	48.
1265	48.	1266	47.	1267	46.	1268	45.	1269	44.
1270	44.	1271	43.	1272	42.	1273	41.	1274	41.
1275	40.	1276	39.	1277	38.	1278	38.	1279	37.
1280	36.	1281	36.	1282	35.	1283	34.	1284	34.
1285	33.	1286	32.	1287	32.	1288	31.	1289	31.
1290	30.	1291	30.	1292	29.	1293	29.	1294	28.
1295	28.	1296	27.	1297	27.	1298	27.	1299	26.
1300	26.	1310	22.	1320	19.	1330	17.	1340	14.
1350	13.	1360	12.	1370	10.	1380	9.	1390	9.
1400	8.	1420	6.	1440	5.	1460	5.	1500	5.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

PEACH HILL WASH-AFTER JCT. W/HOMEACRES, INC. BSN. RTE. Q100F 89 UPD.

HYDROGRAPH AT 15031 1556B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	23.	200	43.	300	51.	400	55.
500	65.	600	77.	700	95.	800	121.	900	171.
1000	270.	1050	384.	1100	605.	1110	684.	1120	781.
1130	883.	1131	898.	1132	912.	1133	925.	1134	939.
1135	952.	1136	966.	1137	977.	1138	988.	1139	1001.
1140	1013.	1141	1028.	1142	1043.	1143	1057.	1144	1073.
1145	1091.	1146	1108.	1147	1125.	1148	1141.	1149	1150.
1150	1159.	1151	1187.	1152	1258.	1153	1288.	1154	1309.
1155	1338.	1156	1363.	1157	1370.	1158	1343.	1159	1358.
1160	1387.	1161	1417.	1162	1449.	1163	1480.	1164	1512.
1165	1549.	1166	1585.	1167	1624.	1168	1663.	1169	1700.
1170	1744.	1171	1781.	1172	1818.	1173	1853.	1174	1885.
1175	1917.	1176	1937.	1177	1968.	1178	2030.	1179	2120.
1180	2207.	1181	2271.	1182	2312.	1183	2336.	1184	2345.
1185	2342.	1186	2328.	1187	2305.	1188	2275.	1189	2239.
1190	2200.	1191	2158.	1192	2113.	1193	2067.	1194	2020.
1195	1973.	1196	1926.	1197	1879.	1198	1833.	1199	1788.
1200	1744.	1201	1701.	1202	1659.	1203	1618.	1204	1579.
1205	1542.	1206	1506.	1207	1471.	1208	1437.	1209	1405.
1210	1374.	1211	1343.	1212	1318.	1213	1301.	1214	1288.
1215	1277.	1216	1266.	1217	1255.	1218	1246.	1219	1236.
1220	1227.	1221	1218.	1222	1210.	1223	1201.	1224	1193.
1225	1185.	1226	1178.	1227	1170.	1228	1163.	1229	1156.
1230	1150.	1231	1144.	1232	1137.	1233	1131.	1234	1125.

CALLEGUA. 990

1235	1120.	1236	1114.	1237	1108.	1238	1103.	1239	1098.
1240	1094.	1241	1089.	1242	1084.	1243	1079.	1244	1075.
1245	1070.	1246	1065.	1247	1061.	1248	1056.	1249	1052.
1250	1047.	1251	1043.	1252	1038.	1253	1034.	1254	1029.
1255	1025.	1256	1020.	1257	1016.	1258	1012.	1259	1007.
1260	1003.	1261	999.	1262	995.	1263	991.	1264	987.
1265	983.	1266	980.	1267	976.	1268	973.	1269	969.
1270	966.	1271	962.	1272	959.	1273	955.	1274	952.
1275	949.	1276	945.	1277	942.	1278	939.	1279	936.
1280	932.	1281	928.	1282	923.	1283	918.	1284	913.
1285	908.	1286	903.	1287	898.	1288	893.	1289	888.
1290	883.	1291	878.	1292	873.	1293	868.	1294	863.
1295	858.	1296	853.	1297	849.	1298	844.	1299	839.
1300	835.	1310	791.	1320	743.	1330	684.	1340	610.
1350	541.	1360	478.	1370	421.	1380	372.	1390	333.
1400	302.	1420	255.	1440	192.	1460	166.	1500	154.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

PEACH HILL WASH-AT ARROYO SIMI W/RTED. BASIN & HOMEACRES Q100F UP
 HYDROGRAPH AT 15031 1557B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	24.	200	41.	300	52.	400	55.
500	66.	600	77.	700	95.	800	120.	900	169.
1000	265.	1050	377.	1100	597.	1110	675.	1120	777.
1130	870.	1131	884.	1132	898.	1133	912.	1134	928.
1135	945.	1136	962.	1137	979.	1138	995.	1139	1012.
1140	1025.	1141	1040.	1142	1055.	1143	1070.	1144	1087.
1145	1108.	1146	1128.	1147	1150.	1148	1173.	1149	1185.
1150	1195.	1151	1227.	1152	1306.	1153	1340.	1154	1370.
1155	1405.	1156	1430.	1157	1452.	1158	1486.	1159	1509.
1160	1495.	1161	1428.	1162	1419.	1163	1429.	1164	1448.
1165	1474.	1166	1501.	1167	1528.	1168	1563.	1169	1592.
1170	1634.	1171	1669.	1172	1708.	1173	1746.	1174	1783.
1175	1820.	1176	1855.	1177	1888.	1178	1922.	1179	1947.
1180	1991.	1181	2052.	1182	2125.	1183	2194.	1184	2252.
1185	2293.	1186	2319.	1187	2330.	1188	2330.	1189	2319.
1190	2299.	1191	2274.	1192	2242.	1193	2205.	1194	2166.
1195	2125.	1196	2081.	1197	2037.	1198	1991.	1199	1946.
1200	1901.	1201	1857.	1202	1814.	1203	1771.	1204	1730.
1205	1690.	1206	1650.	1207	1612.	1208	1576.	1209	1541.
1210	1506.	1211	1471.	1212	1437.	1213	1405.	1214	1374.
1215	1348.	1216	1326.	1217	1307.	1218	1293.	1219	1280.
1220	1268.	1221	1258.	1222	1248.	1223	1238.	1224	1229.
1225	1220.	1226	1212.	1227	1203.	1228	1195.	1229	1188.
1230	1180.	1231	1173.	1232	1166.	1233	1159.	1234	1152.
1235	1146.	1236	1140.	1237	1134.	1238	1128.	1239	1122.
1240	1117.	1241	1111.	1242	1106.	1243	1101.	1244	1096.
1245	1091.	1246	1086.	1247	1082.	1248	1077.	1249	1072.
1250	1068.	1251	1063.	1252	1059.	1253	1054.	1254	1050.
1255	1045.	1256	1041.	1257	1036.	1258	1032.	1259	1027.
1260	1023.	1261	1019.	1262	1014.	1263	1010.	1264	1006.
1265	1002.	1266	998.	1267	994.	1268	990.	1269	986.
1270	983.	1271	979.	1272	975.	1273	972.	1274	968.
1275	965.	1276	961.	1277	958.	1278	954.	1279	951.
1280	948.	1281	945.	1282	941.	1283	938.	1284	934.
1285	930.	1286	925.	1287	920.	1288	915.	1289	911.
1290	906.	1291	901.	1292	896.	1293	891.	1294	886.
1295	881.	1296	876.	1297	871.	1298	866.	1299	862.
1300	857.	1310	812.	1320	766.	1330	712.	1340	646.
1350	577.	1360	512.	1370	452.	1380	399.	1390	357.

1400 321. 1420 269. CALLEGUA. 990 1440 215. 1460 173. 1500 156.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 ARROYO LAS POSAS AFTER JT. W/PEACH HILL WASH & HOMEACRES
 HYDROGRAPH AT 15031 1558A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1696.	200	1722.	300	1809.	400	2042.
500	2461.	600	2976.	700	3530.	800	4201.	900	5102.
1000	6843.	1050	8385.	1100	10916.	1110	11568.	1120	12303.
1130	13128.	1131	13223.	1132	13317.	1133	13412.	1134	13511.
1135	13612.	1136	13714.	1137	13818.	1138	13923.	1139	14031.
1140	14136.	1141	14246.	1142	14358.	1143	14473.	1144	14594.
1145	14721.	1146	14848.	1147	14981.	1148	15118.	1149	15247.
1150	15377.	1151	15537.	1152	15758.	1153	15932.	1154	16114.
1155	16305.	1156	16489.	1157	16672.	1158	16871.	1159	17060.
1160	17218.	1161	17331.	1162	17519.	1163	17735.	1164	17957.
1165	18203.	1166	18467.	1167	18748.	1168	19051.	1169	19361.
1170	19703.	1171	20062.	1172	20454.	1173	20878.	1174	21319.
1175	21771.	1176	22233.	1177	22707.	1178	23198.	1179	23693.
1180	24216.	1181	24754.	1182	25292.	1183	25830.	1184	26366.
1185	26895.	1186	27419.	1187	27937.	1188	28449.	1189	28957.
1190	29472.	1191	29998.	1192	30537.	1193	31111.	1194	31713.
1195	32349.	1196	33020.	1197	33717.	1198	34458.	1199	35223.
1200	35987.	1201	36735.	1202	37461.	1203	38176.	1204	38855.
1205	39478.	1206	40039.	1207	40539.	1208	40982.	1209	41369.
1210	41712.	1211	41998.	1212	42223.	1213	42387.	1214	42496.
1215	42556.	1216	42572.	1217	42548.	1218	42488.	1219	42393.
1220	42267.	1221	42114.	1222	41936.	1223	41736.	1224	41517.
1225	41277.	1226	41022.	1227	40753.	1228	40467.	1229	40169.
1230	39866.	1231	39561.	1232	39260.	1233	38965.	1234	38681.
1235	38412.	1236	38159.	1237	37923.	1238	37705.	1239	37507.
1240	37330.	1241	37174.	1242	37041.	1243	36932.	1244	36848.
1245	36786.	1246	36746.	1247	36726.	1248	36725.	1249	36740.
1250	36766.	1251	36801.	1252	36838.	1253	36875.	1254	36906.
1255	36926.	1256	36930.	1257	36914.	1258	36876.	1259	36813.
1260	36724.	1261	36606.	1262	36459.	1263	36283.	1264	36078.
1265	35847.	1266	35591.	1267	35315.	1268	35020.	1269	34710.
1270	34388.	1271	34055.	1272	33711.	1273	33359.	1274	32998.
1275	32633.	1276	32264.	1277	31888.	1278	31511.	1279	31137.
1280	30765.	1281	30391.	1282	30017.	1283	29642.	1284	29271.
1285	28910.	1286	28547.	1287	28190.	1288	27838.	1289	27492.
1290	27150.	1291	26811.	1292	26477.	1293	26148.	1294	25831.
1295	25521.	1296	25221.	1297	24928.	1298	24639.	1299	24355.
1300	24074.	1310	21617.	1320	19650.	1330	18023.	1340	16621.
1350	15445.	1360	14398.	1370	13505.	1380	12695.	1390	11980.
1400	11343.	1420	10211.	1440	9193.	1460	8296.	1500	6767.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 WALNUT-GABBERT CYN, ULT. LNDUSE, Q-100F J&K ZONE RAIN DDT/DKT 5/96
 HYDROGRAPH AT 15031 1561B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	4.	300	7.	400	7.
500	9.	600	11.	700	12.	800	14.	900	18.
1000	25.	1050	33.	1100	36.	1110	47.	1120	51.
1130	62.	1131	63.	1132	64.	1133	67.	1134	69.
1135	72.	1136	73.	1137	76.	1138	77.	1139	78.
1140	80.	1141	83.	1142	86.	1143	88.	1144	91.
1145	97.	1146	102.	1147	108.	1148	113.	1149	136.
1150	157.	1151	156.	1152	200.	1153	223.	1154	227.

CALLEGUA. 990

1155	228.	1156	228.	1157	227.	1158	224.	1159	221.
1160	219.	1161	215.	1162	208.	1163	201.	1164	196.
1165	188.	1166	164.	1167	139.	1168	137.	1169	93.
1170	67.	1171	59.	1172	55.	1173	51.	1174	48.
1175	46.	1176	44.	1177	41.	1178	40.	1179	39.
1180	38.	1181	35.	1182	35.	1183	34.	1184	34.
1185	33.	1186	31.	1187	32.	1188	31.	1189	31.
1190	31.	1191	30.	1192	30.	1193	30.	1194	30.
1195	31.	1196	30.	1197	30.	1198	30.	1199	30.
1200	30.	1201	30.	1202	29.	1203	29.	1204	29.
1205	28.	1206	27.	1207	27.	1208	27.	1209	27.
1210	26.	1211	25.	1212	25.	1213	25.	1214	24.
1215	24.	1216	24.	1217	23.	1218	23.	1219	23.
1220	23.	1221	23.	1222	23.	1223	23.	1224	23.
1225	24.	1226	23.	1227	23.	1228	24.	1229	24.
1230	23.	1231	23.	1232	24.	1233	23.	1234	23.
1235	23.	1236	23.	1237	23.	1238	23.	1239	23.
1240	23.	1241	23.	1242	23.	1243	23.	1244	23.
1245	23.	1246	22.	1247	23.	1248	23.	1249	22.
1250	23.	1251	23.	1252	22.	1253	23.	1254	23.
1255	22.	1256	23.	1257	23.	1258	22.	1259	23.
1260	23.	1261	22.	1262	22.	1263	22.	1264	21.
1265	21.	1266	21.	1267	20.	1268	20.	1269	20.
1270	20.	1271	19.	1272	19.	1273	19.	1274	19.
1275	19.	1276	18.	1277	18.	1278	18.	1279	18.
1280	18.	1281	18.	1282	18.	1283	18.	1284	18.
1285	18.	1286	18.	1287	18.	1288	18.	1289	18.
1290	18.	1291	18.	1292	18.	1293	18.	1294	18.
1295	18.	1296	18.	1297	18.	1298	18.	1299	18.
1300	18.	1310	14.	1320	11.	1330	11.	1340	11.
1350	6.	1360	4.	1370	4.	1380	4.	1390	4.
1400	4.	1420	3.	1440	3.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

WALNUT CYN JCT. W/WEST LATL. ULTIMATE LANDUSE Q 100F. NO DETN.

HYDROGRAPH AT 15031 1574B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	21.	200	23.	300	28.	400	31.
500	33.	600	37.	700	40.	800	45.	900	59.
1000	89.	1050	133.	1100	164.	1110	207.	1120	239.
1130	312.	1131	321.	1132	330.	1133	340.	1134	350.
1135	360.	1136	368.	1137	379.	1138	389.	1139	400.
1140	412.	1141	427.	1142	442.	1143	458.	1144	475.
1145	496.	1146	520.	1147	545.	1148	574.	1149	629.
1150	693.	1151	736.	1152	856.	1153	952.	1154	1044.
1155	1136.	1156	1219.	1157	1294.	1158	1365.	1159	1414.
1160	1445.	1161	1469.	1162	1442.	1163	1407.	1164	1363.
1165	1297.	1166	1225.	1167	1160.	1168	1065.	1169	987.
1170	915.	1171	849.	1172	783.	1173	718.	1174	655.
1175	599.	1176	548.	1177	504.	1178	464.	1179	428.
1180	394.	1181	363.	1182	334.	1183	308.	1184	285.
1185	264.	1186	247.	1187	232.	1188	219.	1189	208.
1190	198.	1191	190.	1192	183.	1193	177.	1194	172.
1195	167.	1196	162.	1197	158.	1198	155.	1199	151.
1200	149.	1201	145.	1202	143.	1203	140.	1204	137.
1205	134.	1206	132.	1207	130.	1208	127.	1209	125.
1210	122.	1211	120.	1212	118.	1213	117.	1214	115.
1215	113.	1216	112.	1217	111.	1218	109.	1219	107.
1220	106.	1221	105.	1222	104.	1223	102.	1224	101.
1225	100.	1226	98.	1227	97.	1228	96.	1229	96.

CALLEGUA. 990

1230	94.	1231	93.	1232	93.	1233	92.	1234	91.
1235	91.	1236	90.	1237	89.	1238	89.	1239	88.
1240	87.	1241	87.	1242	87.	1243	86.	1244	86.
1245	86.	1246	85.	1247	86.	1248	85.	1249	85.
1250	85.	1251	84.	1252	84.	1253	84.	1254	84.
1255	83.	1256	84.	1257	83.	1258	83.	1259	83.
1260	83.	1261	82.	1262	82.	1263	81.	1264	81.
1265	81.	1266	80.	1267	80.	1268	80.	1269	79.
1270	79.	1271	78.	1272	78.	1273	77.	1274	77.
1275	76.	1276	75.	1277	75.	1278	74.	1279	74.
1280	73.	1281	72.	1282	71.	1283	71.	1284	70.
1285	69.	1286	68.	1287	68.	1288	67.	1289	67.
1290	66.	1291	66.	1292	65.	1293	65.	1294	64.
1295	64.	1296	64.	1297	64.	1298	63.	1299	63.
1300	63.	1310	57.	1320	52.	1330	47.	1340	42.
1350	37.	1360	34.	1370	31.	1380	28.	1390	25.
1400	24.	1420	20.	1440	20.	1460	16.	1500	16.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

MOORPARK DRAIN NO. 1 PER '95 MDP W/ULTIMATE CONDITION Q 100F

HYDROGRAPH AT 15031 1587D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	9.	200	9.	300	10.	400	10.
500	11.	600	12.	700	13.	800	16.	900	19.
1000	25.	1050	32.	1100	40.	1110	48.	1120	59.
1130	70.	1131	71.	1132	71.	1133	72.	1134	75.
1135	77.	1136	80.	1137	84.	1138	87.	1139	91.
1140	95.	1141	99.	1142	103.	1143	107.	1144	111.
1145	117.	1146	123.	1147	131.	1148	139.	1149	153.
1150	165.	1151	167.	1152	188.	1153	211.	1154	235.
1155	253.	1156	266.	1157	278.	1158	290.	1159	296.
1160	286.	1161	272.	1162	266.	1163	242.	1164	227.
1165	216.	1166	203.	1167	188.	1168	173.	1169	159.
1170	143.	1171	130.	1172	118.	1173	106.	1174	96.
1175	87.	1176	80.	1177	74.	1178	69.	1179	64.
1180	60.	1181	57.	1182	54.	1183	51.	1184	48.
1185	46.	1186	44.	1187	42.	1188	41.	1189	39.
1190	38.	1191	37.	1192	36.	1193	35.	1194	34.
1195	34.	1196	33.	1197	33.	1198	33.	1199	32.
1200	32.	1201	32.	1202	32.	1203	32.	1204	32.
1205	32.	1206	32.	1207	32.	1208	32.	1209	33.
1210	33.	1211	33.	1212	33.	1213	33.	1214	33.
1215	32.	1216	32.	1217	31.	1218	31.	1219	30.
1220	30.	1221	29.	1222	28.	1223	28.	1224	27.
1225	27.	1226	26.	1227	26.	1228	26.	1229	25.
1230	25.	1231	25.	1232	25.	1233	25.	1234	24.
1235	24.	1236	24.	1237	24.	1238	24.	1239	24.
1240	24.	1241	24.	1242	24.	1243	24.	1244	24.
1245	24.	1246	23.	1247	23.	1248	23.	1249	23.
1250	23.	1251	23.	1252	22.	1253	22.	1254	22.
1255	22.	1256	22.	1257	22.	1258	22.	1259	22.
1260	22.	1261	22.	1262	22.	1263	21.	1264	21.
1265	21.	1266	21.	1267	21.	1268	21.	1269	21.
1270	21.	1271	21.	1272	21.	1273	21.	1274	21.
1275	20.	1276	20.	1277	20.	1278	20.	1279	20.
1280	19.	1281	19.	1282	19.	1283	19.	1284	19.
1285	18.	1286	18.	1287	18.	1288	18.	1289	18.
1290	18.	1291	18.	1292	17.	1293	17.	1294	17.
1295	17.	1296	17.	1297	17.	1298	17.	1299	17.
1300	17.	1310	15.	1320	14.	1330	13.	1340	11.

CALLEGUA. 990									
1350	10.	1360	10.	1370	9.	1380	9.	1390	9.
1400	9.	1420	8.	1440	8.	1460	5.	1500	5.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 WALNUT CYN DRN. JCT W/MPK DRN. NO. 1 Q100F W/ULTIMATE LANDUSE
 HYDROGRAPH AT 15031 1588B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	30.	200	31.	300	38.	400	42.
500	44.	600	49.	700	53.	800	61.	900	78.
1000	114.	1050	163.	1100	203.	1110	247.	1120	296.
1130	370.	1131	381.	1132	391.	1133	401.	1134	414.
1135	427.	1136	439.	1137	452.	1138	465.	1139	480.
1140	494.	1141	510.	1142	528.	1143	548.	1144	568.
1145	592.	1146	619.	1147	651.	1148	686.	1149	736.
1150	801.	1151	859.	1152	952.	1153	1074.	1154	1201.
1155	1314.	1156	1417.	1157	1511.	1158	1599.	1159	1669.
1160	1705.	1161	1722.	1162	1722.	1163	1675.	1164	1622.
1165	1562.	1166	1485.	1167	1401.	1168	1310.	1169	1212.
1170	1119.	1171	1035.	1172	958.	1173	882.	1174	809.
1175	739.	1176	677.	1177	622.	1178	573.	1179	531.
1180	491.	1181	455.	1182	421.	1183	390.	1184	361.
1185	335.	1186	312.	1187	293.	1188	276.	1189	262.
1190	249.	1191	238.	1192	229.	1193	220.	1194	213.
1195	207.	1196	202.	1197	197.	1198	193.	1199	189.
1200	185.	1201	182.	1202	179.	1203	176.	1204	173.
1205	170.	1206	168.	1207	165.	1208	163.	1209	161.
1210	159.	1211	157.	1212	155.	1213	153.	1214	151.
1215	148.	1216	146.	1217	144.	1218	142.	1219	140.
1220	138.	1221	136.	1222	135.	1223	133.	1224	130.
1225	129.	1226	127.	1227	125.	1228	124.	1229	122.
1230	121.	1231	120.	1232	119.	1233	118.	1234	117.
1235	116.	1236	115.	1237	114.	1238	114.	1239	113.
1240	113.	1241	112.	1242	112.	1243	111.	1244	111.
1245	110.	1246	110.	1247	109.	1248	109.	1249	108.
1250	108.	1251	108.	1252	107.	1253	107.	1254	107.
1255	106.	1256	106.	1257	106.	1258	105.	1259	105.
1260	105.	1261	105.	1262	104.	1263	104.	1264	103.
1265	103.	1266	102.	1267	102.	1268	101.	1269	101.
1270	100.	1271	100.	1272	99.	1273	99.	1274	98.
1275	98.	1276	97.	1277	96.	1278	95.	1279	94.
1280	94.	1281	93.	1282	92.	1283	91.	1284	90.
1285	89.	1286	88.	1287	87.	1288	86.	1289	86.
1290	85.	1291	84.	1292	84.	1293	83.	1294	82.
1295	82.	1296	82.	1297	81.	1298	81.	1299	81.
1300	80.	1310	74.	1320	67.	1330	61.	1340	54.
1350	49.	1360	45.	1370	41.	1380	38.	1390	35.
1400	33.	1420	29.	1440	29.	1460	26.	1500	26.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 WALNUT CYN DRN. JCT W/LATL. BEFORE GABBERT RD., Q100 ULTIMATE
 HYDROGRAPH AT 15031 1595B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	38.	200	40.	300	47.	400	52.
500	55.	600	61.	700	66.	800	73.	900	92.
1000	132.	1050	185.	1100	233.	1110	270.	1120	323.
1130	408.	1131	415.	1132	423.	1133	434.	1134	447.
1135	460.	1136	472.	1137	488.	1138	504.	1139	523.
1140	542.	1141	562.	1142	583.	1143	603.	1144	624.
1145	649.	1146	679.	1147	707.	1148	739.	1149	794.

CALLEGUA. 990

1150	851.	1151	888.	1152	1000.	1153	1105.	1154	1205.
1155	1312.	1156	1439.	1157	1574.	1158	1703.	1159	1799.
1160	1878.	1161	1964.	1162	1979.	1163	1990.	1164	1987.
1165	1944.	1166	1881.	1167	1808.	1168	1728.	1169	1639.
1170	1539.	1171	1439.	1172	1338.	1173	1240.	1174	1148.
1175	1063.	1176	984.	1177	909.	1178	839.	1179	772.
1180	720.	1181	673.	1182	628.	1183	586.	1184	546.
1185	509.	1186	475.	1187	446.	1188	420.	1189	395.
1190	371.	1191	350.	1192	331.	1193	315.	1194	300.
1195	287.	1196	276.	1197	266.	1198	257.	1199	249.
1200	243.	1201	236.	1202	231.	1203	226.	1204	221.
1205	217.	1206	213.	1207	209.	1208	205.	1209	202.
1210	199.	1211	196.	1212	194.	1213	192.	1214	189.
1215	186.	1216	184.	1217	182.	1218	179.	1219	177.
1220	174.	1221	172.	1222	170.	1223	167.	1224	165.
1225	163.	1226	161.	1227	158.	1228	157.	1229	155.
1230	153.	1231	151.	1232	149.	1233	147.	1234	146.
1235	144.	1236	143.	1237	141.	1238	140.	1239	139.
1240	138.	1241	137.	1242	136.	1243	135.	1244	135.
1245	134.	1246	133.	1247	133.	1248	132.	1249	131.
1250	131.	1251	130.	1252	130.	1253	129.	1254	129.
1255	128.	1256	128.	1257	127.	1258	127.	1259	127.
1260	126.	1261	126.	1262	125.	1263	125.	1264	124.
1265	124.	1266	124.	1267	123.	1268	123.	1269	122.
1270	122.	1271	121.	1272	121.	1273	121.	1274	120.
1275	119.	1276	119.	1277	118.	1278	118.	1279	117.
1280	116.	1281	116.	1282	115.	1283	114.	1284	113.
1285	112.	1286	111.	1287	110.	1288	109.	1289	109.
1290	108.	1291	107.	1292	106.	1293	105.	1294	104.
1295	103.	1296	102.	1297	102.	1298	101.	1299	100.
1300	100.	1310	93.	1320	87.	1330	79.	1340	72.
1350	65.	1360	60.	1370	55.	1380	50.	1390	47.
1400	44.	1420	38.	1440	37.	1460	34.	1500	34.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

WALNUT TRIBUTARY AT FUTURE FREEWAY XING, Q100 ULTIMATE
 HYDROGRAPH AT 15031 1606C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	15.	200	16.	300	19.	400	19.
500	20.	600	21.	700	22.	800	23.	900	25.
1000	29.	1050	34.	1100	37.	1110	77.	1120	86.
1130	144.	1131	157.	1132	163.	1133	169.	1134	176.
1135	183.	1136	187.	1137	192.	1138	200.	1139	208.
1140	217.	1141	230.	1142	245.	1143	261.	1144	276.
1145	294.	1146	318.	1147	344.	1148	373.	1149	431.
1150	516.	1151	570.	1152	684.	1153	806.	1154	890.
1155	934.	1156	954.	1157	957.	1158	952.	1159	937.
1160	899.	1161	823.	1162	742.	1163	650.	1164	508.
1165	411.	1166	350.	1167	307.	1168	276.	1169	256.
1170	232.	1171	212.	1172	196.	1173	184.	1174	173.
1175	162.	1176	153.	1177	147.	1178	141.	1179	136.
1180	131.	1181	126.	1182	122.	1183	117.	1184	113.
1185	108.	1186	104.	1187	101.	1188	97.	1189	94.
1190	91.	1191	88.	1192	85.	1193	82.	1194	79.
1195	77.	1196	75.	1197	73.	1198	71.	1199	69.
1200	67.	1201	65.	1202	64.	1203	62.	1204	60.
1205	59.	1206	57.	1207	55.	1208	54.	1209	53.
1210	51.	1211	50.	1212	49.	1213	48.	1214	47.
1215	46.	1216	45.	1217	45.	1218	44.	1219	43.
1220	43.	1221	42.	1222	41.	1223	41.	1224	40.

CALLEGUA. 990

1225	40.	1226	40.	1227	39.	1228	39.	1229	39.
1230	38.	1231	38.	1232	38.	1233	37.	1234	37.
1235	37.	1236	37.	1237	36.	1238	36.	1239	36.
1240	35.	1241	35.	1242	35.	1243	35.	1244	34.
1245	34.	1246	34.	1247	34.	1248	33.	1249	33.
1250	33.	1251	33.	1252	33.	1253	33.	1254	32.
1255	32.	1256	32.	1257	32.	1258	32.	1259	32.
1260	32.	1261	31.	1262	31.	1263	31.	1264	30.
1265	30.	1266	30.	1267	29.	1268	29.	1269	29.
1270	29.	1271	28.	1272	28.	1273	28.	1274	27.
1275	27.	1276	27.	1277	27.	1278	27.	1279	27.
1280	27.	1281	27.	1282	27.	1283	27.	1284	27.
1285	27.	1286	27.	1287	26.	1288	26.	1289	26.
1290	26.	1291	26.	1292	26.	1293	26.	1294	26.
1295	26.	1296	26.	1297	26.	1298	26.	1299	26.
1300	26.	1310	23.	1320	21.	1330	21.	1340	21.
1350	18.	1360	16.	1370	16.	1380	16.	1390	16.
1400	16.	1420	14.	1440	14.	1460	11.	1500	11.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

WALNUT CANYON AFTER JCT. W/LATERALS ADJACENT TO GABBERT RD. Q100F
 HYDROGRAPH AT 15031 1608B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	55.	200	57.	300	65.	400	71.
500	75.	600	81.	700	88.	800	96.	900	114.
1000	153.	1050	199.	1100	255.	1110	278.	1120	325.
1130	407.	1131	417.	1132	428.	1133	440.	1134	452.
1135	465.	1136	479.	1137	493.	1138	508.	1139	523.
1140	539.	1141	554.	1142	571.	1143	588.	1144	607.
1145	630.	1146	655.	1147	683.	1148	713.	1149	746.
1150	784.	1151	828.	1152	880.	1153	949.	1154	1039.
1155	1148.	1156	1278.	1157	1411.	1158	1531.	1159	1638.
1160	1733.	1161	1818.	1162	1902.	1163	1979.	1164	2038.
1165	2087.	1166	2130.	1167	2162.	1168	2177.	1169	2182.
1170	2181.	1171	2173.	1172	2156.	1173	2131.	1174	2096.
1175	2050.	1176	1995.	1177	1932.	1178	1863.	1179	1788.
1180	1709.	1181	1630.	1182	1553.	1183	1481.	1184	1408.
1185	1337.	1186	1266.	1187	1199.	1188	1136.	1189	1078.
1190	1024.	1191	971.	1192	921.	1193	873.	1194	828.
1195	786.	1196	748.	1197	712.	1198	677.	1199	645.
1200	614.	1201	586.	1202	559.	1203	533.	1204	509.
1205	490.	1206	472.	1207	454.	1208	437.	1209	421.
1210	406.	1211	391.	1212	378.	1213	366.	1214	354.
1215	344.	1216	334.	1217	324.	1218	316.	1219	308.
1220	300.	1221	293.	1222	288.	1223	282.	1224	277.
1225	272.	1226	268.	1227	263.	1228	259.	1229	254.
1230	250.	1231	247.	1232	243.	1233	239.	1234	236.
1235	232.	1236	229.	1237	226.	1238	223.	1239	220.
1240	217.	1241	214.	1242	211.	1243	209.	1244	206.
1245	204.	1246	201.	1247	199.	1248	196.	1249	194.
1250	192.	1251	190.	1252	188.	1253	187.	1254	185.
1255	183.	1256	182.	1257	180.	1258	179.	1259	178.
1260	176.	1261	175.	1262	174.	1263	173.	1264	172.
1265	171.	1266	170.	1267	169.	1268	168.	1269	167.
1270	166.	1271	165.	1272	165.	1273	164.	1274	163.
1275	162.	1276	161.	1277	161.	1278	160.	1279	159.
1280	159.	1281	158.	1282	157.	1283	156.	1284	156.
1285	155.	1286	155.	1287	154.	1288	153.	1289	153.
1290	152.	1291	152.	1292	151.	1293	150.	1294	150.
1295	149.	1296	148.	1297	148.	1298	147.	1299	146.

CALLEGUA. 990									
1300	145.	1310	137.	1320	127.	1330	119.	1340	111.
1350	104.	1360	95.	1370	86.	1380	79.	1390	74.
1400	69.	1420	63.	1440	57.	1460	55.	1500	55.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
WALNUT CANYON AT HWY 118 PRIOR JCT. Q100 ULTIMATE CONDITION
HYDROGRAPH AT 15031 1610B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	57.	200	60.	300	67.	400	74.
500	78.	600	85.	700	91.	800	100.	900	120.
1000	162.	1050	210.	1100	270.	1110	294.	1120	332.
1130	405.	1131	415.	1132	425.	1133	435.	1134	446.
1135	457.	1136	469.	1137	481.	1138	494.	1139	507.
1140	522.	1141	538.	1142	555.	1143	573.	1144	591.
1145	610.	1146	630.	1147	653.	1148	679.	1149	707.
1150	743.	1151	789.	1152	834.	1153	890.	1154	960.
1155	1026.	1156	1095.	1157	1174.	1158	1268.	1159	1377.
1160	1494.	1161	1603.	1162	1699.	1163	1788.	1164	1859.
1165	1918.	1166	1979.	1167	2037.	1168	2088.	1169	2131.
1170	2165.	1171	2187.	1172	2197.	1173	2200.	1174	2195.
1175	2181.	1176	2158.	1177	2127.	1178	2087.	1179	2038.
1180	1981.	1181	1916.	1182	1847.	1183	1774.	1184	1699.
1185	1624.	1186	1552.	1187	1480.	1188	1409.	1189	1341.
1190	1275.	1191	1212.	1192	1152.	1193	1095.	1194	1042.
1195	992.	1196	943.	1197	897.	1198	854.	1199	814.
1200	776.	1201	740.	1202	707.	1203	674.	1204	644.
1205	616.	1206	589.	1207	563.	1208	540.	1209	519.
1210	499.	1211	481.	1212	463.	1213	446.	1214	431.
1215	417.	1216	404.	1217	391.	1218	379.	1219	368.
1220	358.	1221	348.	1222	339.	1223	330.	1224	323.
1225	315.	1226	309.	1227	303.	1228	297.	1229	291.
1230	286.	1231	282.	1232	277.	1233	273.	1234	268.
1235	264.	1236	260.	1237	257.	1238	253.	1239	249.
1240	246.	1241	242.	1242	239.	1243	236.	1244	233.
1245	230.	1246	227.	1247	224.	1248	222.	1249	219.
1250	217.	1251	214.	1252	212.	1253	210.	1254	208.
1255	206.	1256	204.	1257	202.	1258	200.	1259	198.
1260	197.	1261	195.	1262	193.	1263	192.	1264	190.
1265	188.	1266	187.	1267	185.	1268	184.	1269	182.
1270	181.	1271	180.	1272	178.	1273	177.	1274	176.
1275	175.	1276	174.	1277	173.	1278	172.	1279	172.
1280	171.	1281	170.	1282	169.	1283	168.	1284	168.
1285	167.	1286	166.	1287	166.	1288	165.	1289	164.
1290	164.	1291	163.	1292	162.	1293	162.	1294	161.
1295	160.	1296	160.	1297	159.	1298	159.	1299	158.
1300	157.	1310	148.	1320	137.	1330	129.	1340	120.
1350	112.	1360	104.	1370	95.	1380	87.	1390	81.
1400	76.	1420	68.	1440	62.	1460	57.	1500	57.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
DRAIN FROM EAST ALONG HWY 118 PRIOR TO JCT. W/WALNUT Q100 F
HYDROGRAPH AT 15031 1621D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	14.	200	14.	300	14.	400	16.
500	18.	600	21.	700	23.	800	30.	900	36.
1000	44.	1050	53.	1100	66.	1110	81.	1120	105.
1130	101.	1131	101.	1132	103.	1133	104.	1134	108.
1135	112.	1136	116.	1137	122.	1138	128.	1139	134.
1140	140.	1141	147.	1142	153.	1143	159.	1144	165.

CALLEGUA. 990

1145	173.	1146	182.	1147	192.	1148	202.	1149	207.
1150	211.	1151	224.	1152	263.	1153	287.	1154	315.
1155	338.	1156	355.	1157	365.	1158	370.	1159	374.
1160	376.	1161	362.	1162	320.	1163	289.	1164	254.
1165	224.	1166	203.	1167	183.	1168	161.	1169	140.
1170	126.	1171	113.	1172	102.	1173	95.	1174	89.
1175	84.	1176	80.	1177	78.	1178	75.	1179	74.
1180	71.	1181	69.	1182	67.	1183	65.	1184	63.
1185	61.	1186	59.	1187	58.	1188	56.	1189	54.
1190	53.	1191	52.	1192	51.	1193	50.	1194	50.
1195	50.	1196	50.	1197	51.	1198	51.	1199	51.
1200	51.	1201	52.	1202	52.	1203	53.	1204	54.
1205	54.	1206	55.	1207	56.	1208	57.	1209	58.
1210	59.	1211	59.	1212	59.	1213	58.	1214	58.
1215	57.	1216	55.	1217	54.	1218	53.	1219	51.
1220	49.	1221	48.	1222	47.	1223	46.	1224	45.
1225	44.	1226	44.	1227	43.	1228	43.	1229	42.
1230	42.	1231	42.	1232	42.	1233	42.	1234	42.
1235	41.	1236	41.	1237	41.	1238	41.	1239	41.
1240	41.	1241	41.	1242	41.	1243	41.	1244	40.
1245	40.	1246	40.	1247	39.	1248	39.	1249	38.
1250	37.	1251	37.	1252	37.	1253	36.	1254	36.
1255	36.	1256	35.	1257	35.	1258	35.	1259	35.
1260	35.	1261	35.	1262	35.	1263	35.	1264	35.
1265	35.	1266	35.	1267	35.	1268	35.	1269	35.
1270	35.	1271	34.	1272	34.	1273	34.	1274	34.
1275	33.	1276	33.	1277	32.	1278	32.	1279	31.
1280	31.	1281	30.	1282	30.	1283	29.	1284	29.
1285	29.	1286	29.	1287	28.	1288	28.	1289	28.
1290	28.	1291	28.	1292	28.	1293	28.	1294	28.
1295	28.	1296	28.	1297	28.	1298	28.	1299	28.
1300	28.	1310	24.	1320	21.	1330	17.	1340	15.
1350	18.	1360	16.	1370	15.	1380	14.	1390	14.
1400	12.	1420	11.	1440	11.	1460	10.	1500	10.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 WALNUT CYN AT HWY 118 AFTER JCT. W/HWY DRAIN FROM EAST Q100F
 HYDROGRAPH AT 15031 1622B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	71.	200	73.	300	82.	400	90.
500	96.	600	105.	700	115.	800	129.	900	156.
1000	207.	1050	263.	1100	336.	1110	375.	1120	437.
1130	505.	1131	517.	1132	528.	1133	540.	1134	554.
1135	569.	1136	585.	1137	603.	1138	621.	1139	641.
1140	663.	1141	685.	1142	707.	1143	731.	1144	756.
1145	783.	1146	812.	1147	845.	1148	881.	1149	914.
1150	954.	1151	1013.	1152	1098.	1153	1178.	1154	1275.
1155	1365.	1156	1449.	1157	1539.	1158	1638.	1159	1751.
1160	1870.	1161	1965.	1162	2019.	1163	2077.	1164	2113.
1165	2143.	1166	2182.	1167	2220.	1168	2249.	1169	2271.
1170	2291.	1171	2299.	1172	2300.	1173	2295.	1174	2284.
1175	2265.	1176	2239.	1177	2204.	1178	2162.	1179	2112.
1180	2051.	1181	1985.	1182	1914.	1183	1839.	1184	1762.
1185	1686.	1186	1611.	1187	1538.	1188	1465.	1189	1395.
1190	1327.	1191	1263.	1192	1203.	1193	1146.	1194	1093.
1195	1042.	1196	993.	1197	948.	1198	905.	1199	865.
1200	828.	1201	792.	1202	759.	1203	727.	1204	698.
1205	670.	1206	644.	1207	619.	1208	597.	1209	576.
1210	558.	1211	539.	1212	522.	1213	505.	1214	488.
1215	474.	1216	460.	1217	445.	1218	432.	1219	419.

CALLEGUA. 990

1220	407.	1221	396.	1222	386.	1223	376.	1224	368.
1225	359.	1226	352.	1227	346.	1228	339.	1229	334.
1230	328.	1231	324.	1232	319.	1233	314.	1234	310.
1235	306.	1236	302.	1237	298.	1238	294.	1239	291.
1240	287.	1241	284.	1242	280.	1243	277.	1244	273.
1245	270.	1246	267.	1247	264.	1248	260.	1249	257.
1250	254.	1251	251.	1252	248.	1253	246.	1254	243.
1255	241.	1256	239.	1257	237.	1258	235.	1259	233.
1260	231.	1261	230.	1262	228.	1263	226.	1264	225.
1265	223.	1266	221.	1267	220.	1268	218.	1269	217.
1270	216.	1271	214.	1272	213.	1273	211.	1274	210.
1275	208.	1276	207.	1277	205.	1278	204.	1279	203.
1280	201.	1281	200.	1282	199.	1283	198.	1284	197.
1285	196.	1286	195.	1287	194.	1288	193.	1289	192.
1290	191.	1291	191.	1292	190.	1293	189.	1294	189.
1295	188.	1296	187.	1297	187.	1298	186.	1299	186.
1300	185.	1310	171.	1320	159.	1330	146.	1340	135.
1350	130.	1360	120.	1370	110.	1380	101.	1390	95.
1400	88.	1420	79.	1440	72.	1460	67.	1500	67.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 EPWORTH DRAIN AT BROADWAY; ULTIMATE LANDUSE Q 100F
 HYDROGRAPH AT 15031 1640D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	11.	200	12.	300	13.	400	14.
500	14.	600	15.	700	16.	800	16.	900	19.
1000	27.	1050	41.	1100	53.	1110	66.	1120	78.
1130	119.	1131	124.	1132	129.	1133	137.	1134	145.
1135	153.	1136	159.	1137	167.	1138	175.	1139	183.
1140	191.	1141	202.	1142	213.	1143	223.	1144	233.
1145	248.	1146	263.	1147	280.	1148	297.	1149	334.
1150	377.	1151	399.	1152	468.	1153	519.	1154	555.
1155	580.	1156	599.	1157	619.	1158	643.	1159	668.
1160	692.	1161	714.	1162	734.	1163	751.	1164	759.
1165	762.	1166	775.	1167	757.	1168	748.	1169	745.
1170	734.	1171	711.	1172	677.	1173	649.	1174	587.
1175	532.	1176	495.	1177	463.	1178	435.	1179	407.
1180	382.	1181	358.	1182	335.	1183	313.	1184	292.
1185	271.	1186	253.	1187	235.	1188	219.	1189	204.
1190	190.	1191	178.	1192	167.	1193	157.	1194	148.
1195	139.	1196	132.	1197	125.	1198	119.	1199	113.
1200	108.	1201	103.	1202	98.	1203	94.	1204	90.
1205	86.	1206	82.	1207	79.	1208	76.	1209	73.
1210	71.	1211	68.	1212	66.	1213	64.	1214	62.
1215	60.	1216	58.	1217	56.	1218	55.	1219	53.
1220	52.	1221	50.	1222	49.	1223	48.	1224	47.
1225	46.	1226	46.	1227	45.	1228	44.	1229	43.
1230	42.	1231	42.	1232	41.	1233	40.	1234	40.
1235	39.	1236	39.	1237	38.	1238	38.	1239	37.
1240	37.	1241	36.	1242	36.	1243	35.	1244	35.
1245	34.	1246	34.	1247	34.	1248	33.	1249	33.
1250	32.	1251	32.	1252	32.	1253	32.	1254	31.
1255	31.	1256	31.	1257	31.	1258	31.	1259	30.
1260	30.	1261	30.	1262	30.	1263	29.	1264	29.
1265	29.	1266	29.	1267	29.	1268	28.	1269	28.
1270	28.	1271	28.	1272	28.	1273	27.	1274	27.
1275	27.	1276	27.	1277	27.	1278	27.	1279	27.
1280	26.	1281	26.	1282	26.	1283	26.	1284	26.
1285	26.	1286	26.	1287	26.	1288	26.	1289	26.
1290	26.	1291	26.	1292	26.	1293	26.	1294	25.

CALLEGUA. 990									
1295	25.	1296	25.	1297	25.	1298	25.	1299	25.
1300	25.	1310	23.	1320	21.	1330	20.	1340	20.
1350	18.	1360	16.	1370	15.	1380	14.	1390	13.
1400	13.	1420	10.	1440	9.	1460	6.	1500	6.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 EPWORTH DRAIN AT JCT. W/GABBERT NR. MPK CITY LMTS. Q 100 F (ULTMTE)
 HYDROGRAPH AT 15031 1655D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	29.	200	31.	300	37.	400	40.
500	42.	600	46.	700	49.	800	55.	900	76.
1000	118.	1050	166.	1100	205.	1110	237.	1120	270.
1130	336.	1131	344.	1132	353.	1133	362.	1134	372.
1135	382.	1136	390.	1137	402.	1138	414.	1139	426.
1140	440.	1141	455.	1142	471.	1143	488.	1144	506.
1145	529.	1146	554.	1147	582.	1148	613.	1149	667.
1150	725.	1151	758.	1152	859.	1153	933.	1154	992.
1155	1055.	1156	1121.	1157	1190.	1158	1264.	1159	1339.
1160	1415.	1161	1468.	1162	1516.	1163	1573.	1164	1591.
1165	1615.	1166	1649.	1167	1675.	1168	1690.	1169	1691.
1170	1676.	1171	1661.	1172	1607.	1173	1565.	1174	1530.
1175	1489.	1176	1443.	1177	1395.	1178	1342.	1179	1284.
1180	1220.	1181	1157.	1182	1098.	1183	1038.	1184	979.
1185	925.	1186	872.	1187	822.	1188	775.	1189	730.
1190	690.	1191	652.	1192	619.	1193	589.	1194	559.
1195	532.	1196	505.	1197	480.	1198	458.	1199	436.
1200	416.	1201	397.	1202	380.	1203	363.	1204	348.
1205	334.	1206	320.	1207	308.	1208	296.	1209	286.
1210	276.	1211	267.	1212	259.	1213	252.	1214	244.
1215	237.	1216	231.	1217	225.	1218	219.	1219	213.
1220	207.	1221	203.	1222	198.	1223	193.	1224	189.
1225	186.	1226	182.	1227	179.	1228	176.	1229	173.
1230	170.	1231	167.	1232	165.	1233	162.	1234	160.
1235	158.	1236	155.	1237	153.	1238	152.	1239	150.
1240	148.	1241	146.	1242	145.	1243	144.	1244	142.
1245	141.	1246	139.	1247	139.	1248	137.	1249	136.
1250	135.	1251	134.	1252	133.	1253	132.	1254	131.
1255	130.	1256	129.	1257	129.	1258	128.	1259	127.
1260	127.	1261	126.	1262	124.	1263	123.	1264	122.
1265	121.	1266	120.	1267	119.	1268	118.	1269	117.
1270	115.	1271	114.	1272	113.	1273	112.	1274	111.
1275	110.	1276	109.	1277	108.	1278	107.	1279	106.
1280	105.	1281	104.	1282	103.	1283	102.	1284	102.
1285	101.	1286	100.	1287	100.	1288	99.	1289	98.
1290	98.	1291	97.	1292	97.	1293	95.	1294	95.
1295	95.	1296	95.	1297	94.	1298	94.	1299	93.
1300	93.	1310	82.	1320	73.	1330	66.	1340	61.
1350	56.	1360	50.	1370	45.	1380	41.	1390	37.
1400	35.	1420	30.	1440	29.	1460	26.	1500	26.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 GABBERT CYN AFTER JCT W/MPK. COUNTRY CLUB ESTATES, Q 100F(ULTMTE)
 HYDROGRAPH AT 15031 1664C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	51.	200	54.	300	62.	400	67.
500	70.	600	75.	700	80.	800	87.	900	108.
1000	154.	1050	208.	1100	261.	1110	319.	1120	368.
1130	478.	1131	493.	1132	506.	1133	521.	1134	536.
1135	552.	1136	565.	1137	584.	1138	604.	1139	624.

CALLEGUA. 990

1140	647.	1141	673.	1142	699.	1143	727.	1144	758.
1145	795.	1146	833.	1147	877.	1148	925.	1149	1009.
1150	1103.	1151	1170.	1152	1339.	1153	1482.	1154	1622.
1155	1770.	1156	1913.	1157	2041.	1158	2153.	1159	2249.
1160	2319.	1161	2346.	1162	2368.	1163	2377.	1164	2329.
1165	2283.	1166	2267.	1167	2264.	1168	2267.	1169	2277.
1170	2282.	1171	2292.	1172	2298.	1173	2299.	1174	2287.
1175	2260.	1176	2225.	1177	2188.	1178	2149.	1179	2107.
1180	2059.	1181	2003.	1182	1943.	1183	1880.	1184	1813.
1185	1743.	1186	1672.	1187	1602.	1188	1533.	1189	1465.
1190	1399.	1191	1337.	1192	1276.	1193	1218.	1194	1162.
1195	1110.	1196	1060.	1197	1014.	1198	970.	1199	928.
1200	889.	1201	852.	1202	816.	1203	782.	1204	751.
1205	721.	1206	692.	1207	665.	1208	639.	1209	614.
1210	591.	1211	568.	1212	547.	1213	527.	1214	508.
1215	491.	1216	474.	1217	459.	1218	444.	1219	430.
1220	418.	1221	406.	1222	395.	1223	384.	1224	373.
1225	363.	1226	353.	1227	344.	1228	335.	1229	327.
1230	319.	1231	312.	1232	305.	1233	299.	1234	292.
1235	286.	1236	281.	1237	275.	1238	270.	1239	265.
1240	260.	1241	256.	1242	252.	1243	248.	1244	244.
1245	241.	1246	237.	1247	234.	1248	230.	1249	227.
1250	224.	1251	221.	1252	218.	1253	216.	1254	213.
1255	211.	1256	208.	1257	206.	1258	204.	1259	202.
1260	200.	1261	198.	1262	196.	1263	194.	1264	193.
1265	191.	1266	189.	1267	188.	1268	186.	1269	185.
1270	183.	1271	181.	1272	180.	1273	178.	1274	177.
1275	175.	1276	174.	1277	172.	1278	170.	1279	169.
1280	167.	1281	166.	1282	164.	1283	163.	1284	161.
1285	160.	1286	158.	1287	157.	1288	155.	1289	154.
1290	153.	1291	152.	1292	151.	1293	150.	1294	148.
1295	147.	1296	146.	1297	145.	1298	144.	1299	143.
1300	143.	1310	133.	1320	122.	1330	112.	1340	104.
1350	95.	1360	88.	1370	82.	1380	76.	1390	70.
1400	66.	1420	57.	1440	51.	1460	48.	1500	48.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 GABBERT DEBRIS BASIN INFLOW Q 100 ULTIMATE, NO DETENTION
 HYDROGRAPH AT 15031 1669C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	58.	200	60.	300	68.	400	75.
500	78.	600	83.	700	89.	800	95.	900	113.
1000	154.	1050	198.	1100	255.	1110	287.	1120	324.
1130	398.	1131	407.	1132	416.	1133	427.	1134	438.
1135	449.	1136	459.	1137	471.	1138	483.	1139	497.
1140	511.	1141	526.	1142	542.	1143	559.	1144	577.
1145	599.	1146	621.	1147	646.	1148	672.	1149	709.
1150	753.	1151	796.	1152	857.	1153	923.	1154	992.
1155	1054.	1156	1118.	1157	1188.	1158	1254.	1159	1325.
1160	1413.	1161	1490.	1162	1577.	1163	1678.	1164	1789.
1165	1890.	1166	1986.	1167	2082.	1168	2166.	1169	2234.
1170	2286.	1171	2324.	1172	2348.	1173	2357.	1174	2358.
1175	2352.	1176	2343.	1177	2333.	1178	2324.	1179	2320.
1180	2316.	1181	2313.	1182	2310.	1183	2303.	1184	2294.
1185	2279.	1186	2259.	1187	2235.	1188	2206.	1189	2173.
1190	2135.	1191	2094.	1192	2048.	1193	2000.	1194	1948.
1195	1895.	1196	1840.	1197	1783.	1198	1726.	1199	1669.
1200	1612.	1201	1557.	1202	1502.	1203	1448.	1204	1396.
1205	1345.	1206	1296.	1207	1249.	1208	1204.	1209	1160.
1210	1119.	1211	1079.	1212	1041.	1213	1004.	1214	969.

CALLEGUA. 990

1215	936.	1216	904.	1217	873.	1218	844.	1219	816.
1220	789.	1221	764.	1222	739.	1223	715.	1224	693.
1225	671.	1226	650.	1227	630.	1228	612.	1229	593.
1230	576.	1231	559.	1232	543.	1233	528.	1234	514.
1235	500.	1236	487.	1237	475.	1238	463.	1239	451.
1240	440.	1241	430.	1242	420.	1243	410.	1244	400.
1245	392.	1246	383.	1247	374.	1248	366.	1249	358.
1250	351.	1251	344.	1252	337.	1253	330.	1254	324.
1255	319.	1256	313.	1257	308.	1258	302.	1259	297.
1260	293.	1261	288.	1262	283.	1263	279.	1264	275.
1265	271.	1266	267.	1267	264.	1268	260.	1269	257.
1270	253.	1271	250.	1272	247.	1273	244.	1274	241.
1275	239.	1276	236.	1277	233.	1278	231.	1279	228.
1280	226.	1281	223.	1282	221.	1283	219.	1284	217.
1285	215.	1286	213.	1287	211.	1288	209.	1289	207.
1290	206.	1291	204.	1292	202.	1293	201.	1294	199.
1295	198.	1296	196.	1297	195.	1298	193.	1299	192.
1300	190.	1310	175.	1320	162.	1330	152.	1340	142.
1350	132.	1360	122.	1370	113.	1380	105.	1390	98.
1400	92.	1420	80.	1440	71.	1460	61.	1500	58.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

GABBERT CYN PRIOR JCT. W/WALNUT CYN, Q 100 ULTIMATE LAND USE

HYDROGRAPH AT 15031 1673C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	64.	200	66.	300	73.	400	81.
500	85.	600	90.	700	97.	800	104.	900	122.
1000	164.	1050	210.	1100	270.	1110	299.	1120	337.
1130	404.	1131	415.	1132	425.	1133	436.	1134	447.
1135	461.	1136	475.	1137	488.	1138	502.	1139	516.
1140	531.	1141	548.	1142	564.	1143	582.	1144	601.
1145	622.	1146	645.	1147	671.	1148	698.	1149	727.
1150	770.	1151	825.	1152	899.	1153	973.	1154	1047.
1155	1112.	1156	1173.	1157	1235.	1158	1295.	1159	1350.
1160	1407.	1161	1463.	1162	1508.	1163	1534.	1164	1583.
1165	1645.	1166	1722.	1167	1813.	1168	1907.	1169	2001.
1170	2092.	1171	2173.	1172	2243.	1173	2297.	1174	2335.
1175	2358.	1176	2370.	1177	2373.	1178	2370.	1179	2362.
1180	2354.	1181	2346.	1182	2340.	1183	2335.	1184	2330.
1185	2325.	1186	2317.	1187	2306.	1188	2291.	1189	2272.
1190	2248.	1191	2219.	1192	2187.	1193	2151.	1194	2111.
1195	2068.	1196	2021.	1197	1971.	1198	1919.	1199	1866.
1200	1811.	1201	1755.	1202	1699.	1203	1643.	1204	1589.
1205	1537.	1206	1486.	1207	1435.	1208	1385.	1209	1336.
1210	1289.	1211	1243.	1212	1199.	1213	1156.	1214	1117.
1215	1080.	1216	1046.	1217	1011.	1218	977.	1219	945.
1220	913.	1221	883.	1222	854.	1223	827.	1224	800.
1225	775.	1226	751.	1227	729.	1228	708.	1229	688.
1230	669.	1231	650.	1232	632.	1233	613.	1234	596.
1235	579.	1236	563.	1237	548.	1238	533.	1239	519.
1240	506.	1241	493.	1242	481.	1243	469.	1244	458.
1245	447.	1246	437.	1247	427.	1248	418.	1249	410.
1250	402.	1251	395.	1252	387.	1253	379.	1254	372.
1255	364.	1256	357.	1257	351.	1258	344.	1259	338.
1260	332.	1261	327.	1262	321.	1263	316.	1264	311.
1265	306.	1266	301.	1267	296.	1268	292.	1269	288.
1270	284.	1271	280.	1272	276.	1273	272.	1274	269.
1275	265.	1276	262.	1277	259.	1278	256.	1279	253.
1280	250.	1281	247.	1282	244.	1283	242.	1284	239.
1285	237.	1286	234.	1287	232.	1288	230.	1289	228.

CALLEGUA. 990									
1290	226.	1291	224.	1292	222.	1293	220.	1294	218.
1295	216.	1296	215.	1297	213.	1298	211.	1299	210.
1300	208.	1310	192.	1320	178.	1330	165.	1340	155.
1350	146.	1360	134.	1370	125.	1380	116.	1390	109.
1400	101.	1420	88.	1440	77.	1460	66.	1500	62.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 WALNUT-GABBERT AT JCT. ABOVE HWY 118 Q 100 ULTIMATE LAND USE
 HYDROGRAPH AT 15031 1674B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	135.	200	139.	300	154.	400	170.
500	181.	600	195.	700	211.	800	233.	900	276.
1000	368.	1050	467.	1100	600.	1110	659.	1120	752.
1130	885.	1131	902.	1132	920.	1133	939.	1134	960.
1135	984.	1136	1011.	1137	1038.	1138	1066.	1139	1097.
1140	1130.	1141	1167.	1142	1204.	1143	1243.	1144	1285.
1145	1328.	1146	1376.	1147	1427.	1148	1483.	1149	1542.
1150	1614.	1151	1703.	1152	1814.	1153	1947.	1154	2091.
1155	2240.	1156	2391.	1157	2545.	1158	2696.	1159	2846.
1160	3004.	1161	3174.	1162	3333.	1163	3454.	1164	3568.
1165	3688.	1166	3803.	1167	3931.	1168	4063.	1169	4193.
1170	4314.	1171	4422.	1172	4512.	1173	4580.	1174	4623.
1175	4645.	1176	4649.	1177	4636.	1178	4609.	1179	4569.
1180	4520.	1181	4463.	1182	4399.	1183	4331.	1184	4258.
1185	4182.	1186	4101.	1187	4016.	1188	3929.	1189	3838.
1190	3745.	1191	3649.	1192	3551.	1193	3452.	1194	3353.
1195	3254.	1196	3154.	1197	3054.	1198	2954.	1199	2854.
1200	2756.	1201	2660.	1202	2567.	1203	2476.	1204	2388.
1205	2303.	1206	2222.	1207	2142.	1208	2065.	1209	1990.
1210	1919.	1211	1851.	1212	1786.	1213	1726.	1214	1669.
1215	1614.	1216	1563.	1217	1512.	1218	1463.	1219	1416.
1220	1370.	1221	1327.	1222	1285.	1223	1245.	1224	1207.
1225	1171.	1226	1138.	1227	1106.	1228	1077.	1229	1049.
1230	1023.	1231	998.	1232	973.	1233	950.	1234	927.
1235	906.	1236	885.	1237	865.	1238	846.	1239	828.
1240	811.	1241	794.	1242	778.	1243	763.	1244	748.
1245	734.	1246	720.	1247	707.	1248	694.	1249	682.
1250	671.	1251	660.	1252	649.	1253	639.	1254	628.
1255	618.	1256	608.	1257	599.	1258	590.	1259	582.
1260	573.	1261	566.	1262	558.	1263	551.	1264	544.
1265	537.	1266	531.	1267	524.	1268	518.	1269	512.
1270	507.	1271	501.	1272	496.	1273	491.	1274	486.
1275	481.	1276	476.	1277	471.	1278	467.	1279	462.
1280	458.	1281	454.	1282	449.	1283	446.	1284	442.
1285	438.	1286	434.	1287	431.	1288	428.	1289	425.
1290	421.	1291	419.	1292	416.	1293	413.	1294	410.
1295	408.	1296	406.	1297	403.	1298	401.	1299	399.
1300	396.	1310	370.	1320	342.	1330	317.	1340	295.
1350	278.	1360	260.	1370	240.	1380	223.	1390	208.
1400	193.	1420	169.	1440	152.	1460	137.	1500	135.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 GABBERT CYN AT ARROYO SIMI, Q 100 ULTIMATE, NO RETENTION
 HYDROGRAPH AT 15031 1678B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	138.	200	143.	300	158.	400	174.
500	185.	600	199.	700	216.	800	238.	900	282.
1000	377.	1050	477.	1100	612.	1110	668.	1120	758.
1130	892.	1131	908.	1132	924.	1133	943.	1134	963.

CALLEGUA. 990

1135	984.	1136	1007.	1137	1033.	1138	1061.	1139	1089.
1140	1120.	1141	1154.	1142	1190.	1143	1229.	1144	1270.
1145	1314.	1146	1361.	1147	1410.	1148	1464.	1149	1527.
1150	1598.	1151	1674.	1152	1780.	1153	1898.	1154	2035.
1155	2183.	1156	2336.	1157	2489.	1158	2642.	1159	2787.
1160	2931.	1161	3086.	1162	3229.	1163	3368.	1164	3494.
1165	3604.	1166	3708.	1167	3815.	1168	3931.	1169	4055.
1170	4181.	1171	4302.	1172	4411.	1173	4503.	1174	4575.
1175	4625.	1176	4654.	1177	4663.	1178	4654.	1179	4630.
1180	4594.	1181	4548.	1182	4494.	1183	4432.	1184	4365.
1185	4294.	1186	4219.	1187	4139.	1188	4056.	1189	3970.
1190	3880.	1191	3788.	1192	3694.	1193	3597.	1194	3499.
1195	3401.	1196	3303.	1197	3204.	1198	3104.	1199	3005.
1200	2906.	1201	2809.	1202	2713.	1203	2619.	1204	2528.
1205	2439.	1206	2353.	1207	2271.	1208	2191.	1209	2113.
1210	2038.	1211	1966.	1212	1896.	1213	1831.	1214	1769.
1215	1711.	1216	1655.	1217	1602.	1218	1551.	1219	1502.
1220	1455.	1221	1409.	1222	1364.	1223	1322.	1224	1281.
1225	1242.	1226	1206.	1227	1171.	1228	1139.	1229	1109.
1230	1080.	1231	1053.	1232	1027.	1233	1002.	1234	978.
1235	955.	1236	933.	1237	911.	1238	891.	1239	872.
1240	854.	1241	836.	1242	819.	1243	802.	1244	786.
1245	771.	1246	756.	1247	742.	1248	729.	1249	716.
1250	703.	1251	691.	1252	680.	1253	669.	1254	658.
1255	648.	1256	638.	1257	628.	1258	618.	1259	609.
1260	600.	1261	592.	1262	584.	1263	576.	1264	568.
1265	561.	1266	554.	1267	547.	1268	540.	1269	534.
1270	528.	1271	522.	1272	516.	1273	510.	1274	505.
1275	499.	1276	494.	1277	489.	1278	484.	1279	479.
1280	475.	1281	471.	1282	466.	1283	462.	1284	458.
1285	454.	1286	450.	1287	446.	1288	443.	1289	439.
1290	436.	1291	433.	1292	430.	1293	427.	1294	424.
1295	421.	1296	419.	1297	416.	1298	414.	1299	411.
1300	409.	1310	382.	1320	354.	1330	328.	1340	306.
1350	286.	1360	268.	1370	249.	1380	231.	1390	215.
1400	201.	1420	175.	1440	157.	1460	140.	1500	136.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO LAS POSAS AFTER JCT. W/GABBERT CYN

HYDROGRAPH AT 15031 1679A

STORM DAY 4

REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1834.	200	1864.	300	1966.	400	2215.
500	2646.	600	3174.	700	3745.	800	4437.	900	5381.
1000	7213.	1050	8849.	1100	11514.	1110	12210.	1120	13021.
1130	13961.	1131	14069.	1132	14177.	1133	14287.	1134	14401.
1135	14518.	1136	14637.	1137	14760.	1138	14885.	1139	15014.
1140	15145.	1141	15283.	1142	15424.	1143	15570.	1144	15724.
1145	15886.	1146	16051.	1147	16224.	1148	16404.	1149	16579.
1150	16758.	1151	16973.	1152	17256.	1153	17502.	1154	17771.
1155	18065.	1156	18368.	1157	18685.	1158	19029.	1159	19374.
1160	19687.	1161	19954.	1162	20295.	1163	20667.	1164	21041.
1165	21433.	1166	21832.	1167	22239.	1168	22660.	1169	23085.
1170	23543.	1171	24023.	1172	24539.	1173	25085.	1174	25641.
1175	26193.	1176	26739.	1177	27276.	1178	27809.	1179	28328.
1180	28857.	1181	29383.	1182	29897.	1183	30398.	1184	30887.
1185	31362.	1186	31825.	1187	32277.	1188	32717.	1189	33150.
1190	33586.	1191	34030.	1192	34483.	1193	34969.	1194	35481.
1195	36023.	1196	36598.	1197	37200.	1198	37845.	1199	38514.
1200	39182.	1201	39833.	1202	40462.	1203	41081.	1204	41664.
1205	42195.	1206	42666.	1207	43078.	1208	43435.	1209	43738.

CALLEGUA. 990

1210	44000.	1211	44207.	1212	44356.	1213	44447.	1214	44487.
1215	44479.	1216	44431.	1217	44346.	1218	44226.	1219	44076.
1220	43897.	1221	43692.	1222	43465.	1223	43220.	1224	42956.
1225	42673.	1226	42376.	1227	42066.	1228	41741.	1229	41407.
1230	41068.	1231	40730.	1232	40397.	1233	40072.	1234	39760.
1235	39465.	1236	39186.	1237	38925.	1238	38685.	1239	38466.
1240	38268.	1241	38092.	1242	37940.	1243	37811.	1244	37709.
1245	37629.	1246	37572.	1247	37536.	1248	37519.	1249	37518.
1250	37530.	1251	37550.	1252	37574.	1253	37598.	1254	37616.
1255	37624.	1256	37616.	1257	37590.	1258	37541.	1259	37467.
1260	37368.	1261	37240.	1262	37083.	1263	36898.	1264	36685.
1265	36445.	1266	36182.	1267	35898.	1268	35595.	1269	35278.
1270	34950.	1271	34610.	1272	34259.	1273	33900.	1274	33533.
1275	33161.	1276	32786.	1277	32405.	1278	32022.	1279	31643.
1280	31265.	1281	30886.	1282	30507.	1283	30127.	1284	29751.
1285	29385.	1286	29019.	1287	28657.	1288	28302.	1289	27952.
1290	27606.	1291	27263.	1292	26925.	1293	26593.	1294	26272.
1295	25959.	1296	25656.	1297	25359.	1298	25068.	1299	24781.
1300	24498.	1310	22014.	1320	20020.	1330	18366.	1340	16940.
1350	15743.	1360	14677.	1370	13765.	1380	12937.	1390	12205.
1400	11553.	1420	10395.	1440	9357.	1460	8443.	1500	6906.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CREEK VCRAT MODEL-GRIMES & LONG CYNS, Q100, DDT/LS, 8/97
 HYDROGRAPH AT 15031 1686B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	6.	1050	31.	1100	40.	1110	60.	1120	74.
1130	107.	1131	109.	1132	111.	1133	114.	1134	119.
1135	122.	1136	123.	1137	128.	1138	133.	1139	138.
1140	144.	1141	151.	1142	158.	1143	165.	1144	173.
1145	185.	1146	198.	1147	210.	1148	220.	1149	258.
1150	296.	1151	296.	1152	370.	1153	408.	1154	418.
1155	422.	1156	425.	1157	426.	1158	426.	1159	426.
1160	425.	1161	420.	1162	416.	1163	415.	1164	413.
1165	406.	1166	401.	1167	395.	1168	387.	1169	382.
1170	372.	1171	364.	1172	351.	1173	338.	1174	325.
1175	313.	1176	272.	1177	229.	1178	224.	1179	141.
1180	94.	1181	79.	1182	70.	1183	62.	1184	56.
1185	52.	1186	48.	1187	43.	1188	41.	1189	39.
1190	36.	1191	31.	1192	31.	1193	30.	1194	30.
1195	28.	1196	23.	1197	26.	1198	25.	1199	23.
1200	23.	1201	22.	1202	21.	1203	20.	1204	20.
1205	19.	1206	18.	1207	17.	1208	16.	1209	15.
1210	15.	1211	14.	1212	13.	1213	13.	1214	12.
1215	10.	1216	10.	1217	10.	1218	9.	1219	8.
1220	7.	1221	7.	1222	6.	1223	5.	1224	4.
1225	4.	1226	3.	1227	2.	1228	2.	1229	2.
1230	2.	1231	2.	1232	2.	1233	2.	1234	2.
1235	2.	1236	2.	1237	2.	1238	2.	1239	2.
1240	1.	1241	2.	1242	2.	1243	1.	1244	1.
1245	1.	1246	1.	1247	1.	1248	1.	1249	1.
1250	1.	1251	1.	1252	0.	1253	1.	1254	1.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.

CALLEGUA. 990									
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 GRGRI MES CANYON JOIN ARROYO LAS POSAS, Q100
 HYDROGRAPH AT 15031 1713A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1859.	200	1881.	300	1965.	400	2174.
500	2571.	600	3097.	700	3674.	800	4357.	900	5334.
1000	7151.	1050	8821.	1100	11468.	1110	12160.	1120	12987.
1130	13965.	1131	14067.	1132	14169.	1133	14273.	1134	14385.
1135	14504.	1136	14628.	1137	14755.	1138	14886.	1139	15026.
1140	15172.	1141	15324.	1142	15483.	1143	15648.	1144	15818.
1145	15993.	1146	16175.	1147	16366.	1148	16566.	1149	16781.
1150	17031.	1151	17296.	1152	17559.	1153	17880.	1154	18254.
1155	18620.	1156	18969.	1157	19309.	1158	19649.	1159	19996.
1160	20349.	1161	20698.	1162	21038.	1163	21374.	1164	21707.
1165	22016.	1166	22290.	1167	22562.	1168	22867.	1169	23201.
1170	23543.	1171	23883.	1172	24220.	1173	24549.	1174	24880.
1175	25238.	1176	25584.	1177	25922.	1178	26291.	1179	26693.
1180	27112.	1181	27540.	1182	28007.	1183	28520.	1184	29060.
1185	29616.	1186	30176.	1187	30726.	1188	31260.	1189	31785.
1190	32306.	1191	32825.	1192	33339.	1193	33838.	1194	34323.
1195	34799.	1196	35261.	1197	35714.	1198	36156.	1199	36591.
1200	37023.	1201	37460.	1202	37911.	1203	38378.	1204	38866.
1205	39378.	1206	39921.	1207	40494.	1208	41094.	1209	41712.
1210	42334.	1211	42948.	1212	43539.	1213	44097.	1214	44612.
1215	45078.	1216	45490.	1217	45847.	1218	46146.	1219	46386.
1220	46570.	1221	46699.	1222	46775.	1223	46801.	1224	46779.
1225	46715.	1226	46611.	1227	46471.	1228	46299.	1229	46099.
1230	45873.	1231	45624.	1232	45354.	1233	45067.	1234	44764.
1235	44447.	1236	44119.	1237	43778.	1238	43429.	1239	43074.
1240	42716.	1241	42359.	1242	42008.	1243	41665.	1244	41334.
1245	41017.	1246	40718.	1247	40438.	1248	40177.	1249	39936.
1250	39717.	1251	39520.	1252	39344.	1253	39191.	1254	39061.
1255	38953.	1256	38867.	1257	38801.	1258	38753.	1259	38720.
1260	38700.	1261	38688.	1262	38679.	1263	38671.	1264	38657.
1265	38634.	1266	38599.	1267	38547.	1268	38476.	1269	38381.
1270	38263.	1271	38120.	1272	37951.	1273	37758.	1274	37541.
1275	37302.	1276	37043.	1277	36764.	1278	36468.	1279	36157.
1280	35834.	1281	35500.	1282	35157.	1283	34804.	1284	34443.
1285	34075.	1286	33702.	1287	33327.	1288	32951.	1289	32575.
1290	32201.	1291	31830.	1292	31459.	1293	31087.	1294	30717.
1295	30349.	1296	29984.	1297	29624.	1298	29273.	1299	28930.
1300	28594.	1310	25540.	1320	23018.	1330	20935.	1340	19186.
1350	17697.	1360	16414.	1370	15307.	1380	14344.	1390	13491.
1400	12715.	1420	11405.	1440	10291.	1460	9258.	1500	7623.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LAS POSAS HILLS PRIOR JUNC. W/ARROYO LAS POSAS, Q100
 HYDROGRAPH AT 15031 1717A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1860.	200	1879.	300	1959.	400	2161.
500	2548.	600	3071.	700	3648.	800	4327.	900	5291.
1000	7077.	1050	8715.	1100	11338.	1110	12044.	1120	12864.

CALLEGUA. 990									
1130	13851.	1131	13952.	1132	14053.	1133	14160.	1134	14270.
1135	14382.	1136	14495.	1137	14617.	1138	14745.	1139	14878.
1140	15017.	1141	15164.	1142	15317.	1143	15479.	1144	15649.
1145	15832.	1146	16021.	1147	16219.	1148	16424.	1149	16663.
1150	16916.	1151	17144.	1152	17465.	1153	17816.	1154	18173.
1155	18525.	1156	18878.	1157	19231.	1158	19555.	1159	19868.
1160	20199.	1161	20456.	1162	20750.	1163	21063.	1164	21369.
1165	21671.	1166	21970.	1167	22245.	1168	22502.	1169	22761.
1170	23034.	1171	23335.	1172	23659.	1173	23989.	1174	24311.
1175	24605.	1176	24897.	1177	25209.	1178	25539.	1179	25886.
1180	26245.	1181	26628.	1182	27037.	1183	27467.	1184	27926.
1185	28421.	1186	28947.	1187	29496.	1188	30053.	1189	30606.
1190	31150.	1191	31684.	1192	32213.	1193	32737.	1194	33254.
1195	33761.	1196	34255.	1197	34737.	1198	35207.	1199	35666.
1200	36116.	1201	36557.	1202	36997.	1203	37440.	1204	37895.
1205	38367.	1206	38858.	1207	39375.	1208	39922.	1209	40497.
1210	41098.	1211	41715.	1212	42337.	1213	42950.	1214	43541.
1215	44097.	1216	44611.	1217	45076.	1218	45486.	1219	45840.
1220	46136.	1221	46375.	1222	46556.	1223	46682.	1224	46757.
1225	46781.	1226	46759.	1227	46694.	1228	46590.	1229	46450.
1230	46278.	1231	46079.	1232	45854.	1233	45605.	1234	45337.
1235	45051.	1236	44750.	1237	44434.	1238	44108.	1239	43770.
1240	43424.	1241	43072.	1242	42719.	1243	42366.	1244	42018.
1245	41678.	1246	41350.	1247	41036.	1248	40739.	1249	40460.
1250	40199.	1251	39959.	1252	39740.	1253	39542.	1254	39367.
1255	39213.	1256	39081.	1257	38972.	1258	38884.	1259	38815.
1260	38765.	1261	38730.	1262	38707.	1263	38692.	1264	38681.
1265	38670.	1266	38655.	1267	38631.	1268	38595.	1269	38543.
1270	38472.	1271	38378.	1272	38262.	1273	38121.	1274	37955.
1275	37765.	1276	37551.	1277	37316.	1278	37061.	1279	36787.
1280	36496.	1281	36189.	1282	35871.	1283	35541.	1284	35201.
1285	34853.	1286	34497.	1287	34133.	1288	33765.	1289	33395.
1290	33023.	1291	32651.	1292	32280.	1293	31910.	1294	31542.
1295	31175.	1296	30808.	1297	30443.	1298	30082.	1299	29725.
1300	29375.	1310	26241.	1320	23627.	1330	21451.	1340	19638.
1350	18091.	1360	16766.	1370	15616.	1380	14621.	1390	13742.
1400	12948.	1420	11602.	1440	10475.	1460	9426.	1500	7761.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
LONG CANYON JOIN ARROYO LAS POSAS, Q100
HYDROGRAPH AT 15031 1746A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1864.	200	1884.	300	1963.	400	2172.
500	2572.	600	3116.	700	3719.	800	4429.	900	5470.
1000	7421.	1050	9221.	1100	12010.	1110	12761.	1120	13637.
1130	14712.	1131	14830.	1132	14944.	1133	15062.	1134	15183.
1135	15309.	1136	15438.	1137	15569.	1138	15706.	1139	15849.
1140	15999.	1141	16157.	1142	16323.	1143	16498.	1144	16681.
1145	16877.	1146	17086.	1147	17307.	1148	17538.	1149	17797.
1150	18091.	1151	18402.	1152	18749.	1153	19141.	1154	19590.
1155	20025.	1156	20432.	1157	20823.	1158	21198.	1159	21551.
1160	21895.	1161	22225.	1162	22533.	1163	22849.	1164	23188.
1165	23534.	1166	23883.	1167	24229.	1168	24562.	1169	24886.
1170	25213.	1171	25556.	1172	25923.	1173	26311.	1174	26705.
1175	27084.	1176	27446.	1177	27803.	1178	28173.	1179	28558.
1180	28957.	1181	29370.	1182	29801.	1183	30253.	1184	30728.
1185	31219.	1186	31723.	1187	32253.	1188	32782.	1189	33309.
1190	33818.	1191	34350.	1192	34896.	1193	35440.	1194	35976.
1195	36499.	1196	37002.	1197	37484.	1198	37948.	1199	38395.
1200	38825.	1201	39241.	1202	39649.	1203	40054.	1204	40464.

CALLEGUA. 990

1205	40881.	1206	41315.	1207	41770.	1208	42251.	1209	42760.
1210	43296.	1211	43854.	1212	44425.	1213	44998.	1214	45559.
1215	46094.	1216	46592.	1217	47046.	1218	47448.	1219	47796.
1220	48088.	1221	48322.	1222	48498.	1223	48619.	1224	48686.
1225	48702.	1226	48671.	1227	48594.	1228	48477.	1229	48322.
1230	48135.	1231	47917.	1232	47672.	1233	47404.	1234	47114.
1235	46806.	1236	46482.	1237	46145.	1238	45795.	1239	45436.
1240	45067.	1241	44692.	1242	44314.	1243	43934.	1244	43558.
1245	43187.	1246	42827.	1247	42480.	1248	42148.	1249	41833.
1250	41537.	1251	41261.	1252	41006.	1253	40772.	1254	40560.
1255	40371.	1256	40204.	1257	40061.	1258	39939.	1259	39839.
1260	39759.	1261	39697.	1262	39648.	1263	39611.	1264	39582.
1265	39556.	1266	39530.	1267	39498.	1268	39458.	1269	39406.
1270	39337.	1271	39248.	1272	39138.	1273	39005.	1274	38847.
1275	38666.	1276	38460.	1277	38232.	1278	37984.	1279	37716.
1280	37429.	1281	37127.	1282	36810.	1283	36481.	1284	36142.
1285	35794.	1286	35437.	1287	35072.	1288	34702.	1289	34327.
1290	33949.	1291	33571.	1292	33193.	1293	32817.	1294	32442.
1295	32067.	1296	31694.	1297	31323.	1298	30953.	1299	30588.
1300	30228.	1310	27000.	1320	24299.	1330	22043.	1340	20170.
1350	18570.	1360	17198.	1370	16005.	1380	14970.	1390	14054.
1400	13227.	1420	11828.	1440	10663.	1460	9589.	1500	7881.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO LAS POSAS WITH MAHAN BARRANCA, Q100

HYDROGRAPH AT 15031 1755A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1866.	200	1882.	300	1951.	400	2140.
500	2515.	600	3048.	700	3649.	800	4353.	900	5385.
1000	7321.	1050	9094.	1100	11839.	1110	12563.	1120	13396.
1130	14435.	1131	14549.	1132	14662.	1133	14780.	1134	14900.
1135	15023.	1136	15147.	1137	15275.	1138	15405.	1139	15537.
1140	15673.	1141	15814.	1142	15959.	1143	16111.	1144	16268.
1145	16436.	1146	16612.	1147	16799.	1148	16996.	1149	17224.
1150	17478.	1151	17736.	1152	18054.	1153	18384.	1154	18735.
1155	19086.	1156	19437.	1157	19793.	1158	20163.	1159	20552.
1160	20959.	1161	21372.	1162	21778.	1163	22161.	1164	22523.
1165	22869.	1166	23185.	1167	23472.	1168	23763.	1169	24060.
1170	24354.	1171	24659.	1172	24979.	1173	25314.	1174	25657.
1175	26005.	1176	26360.	1177	26727.	1178	27105.	1179	27493.
1180	27863.	1181	28228.	1182	28618.	1183	28955.	1184	29327.
1185	29732.	1186	30154.	1187	30596.	1188	31058.	1189	31542.
1190	32046.	1191	32568.	1192	33105.	1193	33649.	1194	34196.
1195	34743.	1196	35289.	1197	35831.	1198	36379.	1199	36909.
1200	37414.	1201	37921.	1202	38418.	1203	38899.	1204	39362.
1205	39806.	1206	40235.	1207	40652.	1208	41064.	1209	41479.
1210	41901.	1211	42337.	1212	42792.	1213	43273.	1214	43779.
1215	44308.	1216	44855.	1217	45412.	1218	45968.	1219	46509.
1220	47025.	1221	47505.	1222	47939.	1223	48323.	1224	48651.
1225	48922.	1226	49135.	1227	49291.	1228	49392.	1229	49439.
1230	49436.	1231	49386.	1232	49293.	1233	49161.	1234	48992.
1235	48792.	1236	48562.	1237	48307.	1238	48029.	1239	47731.
1240	47415.	1241	47085.	1242	46741.	1243	46385.	1244	46020.
1245	45648.	1246	45271.	1247	44890.	1248	44510.	1249	44134.
1250	43764.	1251	43404.	1252	43055.	1253	42721.	1254	42404.
1255	42103.	1256	41822.	1257	41561.	1258	41321.	1259	41101.
1260	40904.	1261	40728.	1262	40575.	1263	40442.	1264	40330.
1265	40236.	1266	40160.	1267	40098.	1268	40047.	1269	40005.
1270	39966.	1271	39928.	1272	39885.	1273	39834.	1274	39773.
1275	39697.	1276	39603.	1277	39489.	1278	39354.	1279	39196.

CALLEGUA. 990									
1280	39016.	1281	38814.	1282	38590.	1283	38346.	1284	38083.
1285	37803.	1286	37507.	1287	37197.	1288	36875.	1289	36542.
1290	36200.	1291	35850.	1292	35492.	1293	35129.	1294	34761.
1295	34391.	1296	34019.	1297	33647.	1298	33276.	1299	32905.
1300	32535.	1310	29079.	1320	26120.	1330	23622.	1340	21529.
1350	19770.	1360	18256.	1370	16949.	1380	15811.	1390	14813.
1400	13925.	1420	12418.	1440	11189.	1460	10075.	1500	8270.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 SAND CANYON PRIOR JCT TO ARROYO LAS POSAS, Q100
 HYDROGRAPH AT 15031 1764B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	4.	300	12.	400	34.
500	55.	600	75.	700	98.	800	122.	900	172.
1000	271.	1050	377.	1100	474.	1110	508.	1120	543.
1130	616.	1131	624.	1132	633.	1133	642.	1134	653.
1135	664.	1136	672.	1137	685.	1138	698.	1139	711.
1140	724.	1141	740.	1142	758.	1143	775.	1144	794.
1145	818.	1146	842.	1147	866.	1148	891.	1149	945.
1150	1000.	1151	1020.	1152	1118.	1153	1187.	1154	1234.
1155	1268.	1156	1306.	1157	1357.	1158	1356.	1159	1372.
1160	1403.	1161	1435.	1162	1472.	1163	1513.	1164	1563.
1165	1616.	1166	1676.	1167	1743.	1168	1816.	1169	1894.
1170	1964.	1171	2037.	1172	2103.	1173	2162.	1174	2213.
1175	2243.	1176	2267.	1177	2294.	1178	2282.	1179	2271.
1180	2265.	1181	2250.	1182	2223.	1183	2192.	1184	2160.
1185	2128.	1186	2091.	1187	2047.	1188	2002.	1189	1959.
1190	1912.	1191	1866.	1192	1815.	1193	1760.	1194	1700.
1195	1636.	1196	1574.	1197	1510.	1198	1447.	1199	1384.
1200	1323.	1201	1264.	1202	1207.	1203	1153.	1204	1102.
1205	1052.	1206	1005.	1207	962.	1208	921.	1209	883.
1210	847.	1211	813.	1212	782.	1213	753.	1214	726.
1215	700.	1216	676.	1217	654.	1218	633.	1219	613.
1220	595.	1221	578.	1222	562.	1223	546.	1224	532.
1225	519.	1226	506.	1227	494.	1228	483.	1229	473.
1230	463.	1231	454.	1232	446.	1233	438.	1234	430.
1235	423.	1236	416.	1237	410.	1238	403.	1239	397.
1240	392.	1241	386.	1242	381.	1243	376.	1244	371.
1245	367.	1246	363.	1247	359.	1248	355.	1249	351.
1250	347.	1251	343.	1252	340.	1253	337.	1254	333.
1255	330.	1256	327.	1257	324.	1258	321.	1259	319.
1260	316.	1261	314.	1262	311.	1263	308.	1264	306.
1265	304.	1266	302.	1267	299.	1268	298.	1269	296.
1270	294.	1271	292.	1272	290.	1273	289.	1274	287.
1275	285.	1276	284.	1277	283.	1278	281.	1279	279.
1280	278.	1281	277.	1282	275.	1283	274.	1284	273.
1285	272.	1286	270.	1287	269.	1288	268.	1289	267.
1290	265.	1291	263.	1292	262.	1293	261.	1294	260.
1295	258.	1296	257.	1297	256.	1298	254.	1299	253.
1300	251.	1310	233.	1320	212.	1330	192.	1340	175.
1350	159.	1360	141.	1370	123.	1380	107.	1390	91.
1400	76.	1420	52.	1440	35.	1460	24.	1500	11.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 ARROYO LAS POSAS WITH SAND CANYON, Q100
 HYDROGRAPH AT 15031 1766A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1870.	200	1885.	300	1960.	400	2167.
500	2560.	600	3110.	700	3735.	800	4460.	900	5535.

CALLEGUA. 990

1000	7553.	1050	9404.	1100	12231.	1110	12968.	1120	13829.
1130	14905.	1131	15025.	1132	15145.	1133	15269.	1134	15395.
1135	15525.	1136	15657.	1137	15793.	1138	15932.	1139	16074.
1140	16219.	1141	16370.	1142	16525.	1143	16686.	1144	16854.
1145	17031.	1146	17218.	1147	17417.	1148	17628.	1149	17862.
1150	18122.	1151	18407.	1152	18737.	1153	19096.	1154	19491.
1155	19906.	1156	20317.	1157	20721.	1158	21127.	1159	21539.
1160	21955.	1161	22382.	1162	22819.	1163	23252.	1164	23673.
1165	24077.	1166	24466.	1167	24833.	1168	25185.	1169	25540.
1170	25904.	1171	26268.	1172	26640.	1173	27033.	1174	27416.
1175	27812.	1176	28210.	1177	28604.	1178	29002.	1179	29400.
1180	29784.	1181	30153.	1182	30519.	1183	30875.	1184	31213.
1185	31560.	1186	31934.	1187	32328.	1188	32737.	1189	33163.
1190	33609.	1191	34074.	1192	34555.	1193	35047.	1194	35545.
1195	36042.	1196	36535.	1197	37024.	1198	37511.	1199	37994.
1200	38461.	1201	38913.	1202	39359.	1203	39797.	1204	40221.
1205	40629.	1206	41022.	1207	41401.	1208	41773.	1209	42143.
1210	42520.	1211	42907.	1212	43311.	1213	43738.	1214	44192.
1215	44673.	1216	45178.	1217	45700.	1218	46232.	1219	46762.
1220	47277.	1221	47765.	1222	48216.	1223	48622.	1224	48977.
1225	49277.	1226	49520.	1227	49707.	1228	49837.	1229	49914.
1230	49938.	1231	49915.	1232	49845.	1233	49734.	1234	49585.
1235	49402.	1236	49187.	1237	48945.	1238	48678.	1239	48389.
1240	48081.	1241	47757.	1242	47419.	1243	47067.	1244	46705.
1245	46334.	1246	45957.	1247	45575.	1248	45192.	1249	44809.
1250	44431.	1251	44061.	1252	43699.	1253	43351.	1254	43017.
1255	42700.	1256	42400.	1257	42119.	1258	41859.	1259	41619.
1260	41401.	1261	41204.	1262	41030.	1263	40877.	1264	40745.
1265	40633.	1266	40540.	1267	40463.	1268	40400.	1269	40348.
1270	40303.	1271	40261.	1272	40220.	1273	40173.	1274	40119.
1275	40053.	1276	39972.	1277	39873.	1278	39754.	1279	39613.
1280	39451.	1281	39267.	1282	39060.	1283	38832.	1284	38585.
1285	38319.	1286	38035.	1287	37737.	1288	37425.	1289	37102.
1290	36768.	1291	36424.	1292	36073.	1293	35715.	1294	35351.
1295	34984.	1296	34613.	1297	34241.	1298	33870.	1299	33498.
1300	33127.	1310	29637.	1320	26620.	1330	24068.	1340	21923.
1350	20121.	1360	18570.	1370	17227.	1380	16057.	1390	15030.
1400	14118.	1420	12569.	1440	11311.	1460	10179.	1500	8345.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

VCRAT MODEL-COYOTE & FOX CYNS, Q100, PRESENT COND., DDT/LS, 12/97

HYDROGRAPH AT 15031 1770B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	1.	900	4.
1000	11.	1050	19.	1100	21.	1110	36.	1120	34.
1130	52.	1131	54.	1132	56.	1133	57.	1134	59.
1135	60.	1136	59.	1137	61.	1138	63.	1139	65.
1140	67.	1141	71.	1142	74.	1143	78.	1144	81.
1145	87.	1146	93.	1147	99.	1148	107.	1149	133.
1150	161.	1151	159.	1152	217.	1153	243.	1154	247.
1155	247.	1156	245.	1157	238.	1158	231.	1159	223.
1160	216.	1161	184.	1162	153.	1163	151.	1164	94.
1165	62.	1166	52.	1167	45.	1168	40.	1169	39.
1170	34.	1171	33.	1172	29.	1173	28.	1174	27.
1175	26.	1176	22.	1177	22.	1178	21.	1179	21.
1180	20.	1181	17.	1182	18.	1183	17.	1184	17.
1185	17.	1186	16.	1187	16.	1188	16.	1189	16.
1190	16.	1191	16.	1192	16.	1193	16.	1194	16.
1195	16.	1196	16.	1197	16.	1198	16.	1199	16.

CALLEGUA. 990

1200	16.	1201	15.	1202	15.	1203	14.	1204	14.
1205	13.	1206	12.	1207	12.	1208	11.	1209	11.
1210	10.	1211	10.	1212	9.	1213	10.	1214	9.
1215	9.	1216	9.	1217	10.	1218	10.	1219	9.
1220	10.	1221	10.	1222	10.	1223	10.	1224	10.
1225	10.	1226	10.	1227	10.	1228	10.	1229	10.
1230	10.	1231	10.	1232	10.	1233	9.	1234	9.
1235	10.	1236	9.	1237	9.	1238	9.	1239	9.
1240	9.	1241	9.	1242	9.	1243	9.	1244	9.
1245	9.	1246	9.	1247	9.	1248	9.	1249	9.
1250	9.	1251	9.	1252	9.	1253	9.	1254	9.
1255	9.	1256	9.	1257	9.	1258	9.	1259	9.
1260	9.	1261	9.	1262	8.	1263	7.	1264	7.
1265	7.	1266	7.	1267	6.	1268	6.	1269	6.
1270	5.	1271	4.	1272	4.	1273	4.	1274	4.
1275	4.	1276	4.	1277	4.	1278	4.	1279	4.
1280	4.	1281	4.	1282	4.	1283	4.	1284	4.
1285	4.	1286	4.	1287	4.	1288	4.	1289	4.
1290	4.	1291	4.	1292	4.	1293	4.	1294	4.
1295	4.	1296	4.	1297	4.	1298	4.	1299	4.
1300	4.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

COYOTE CANYON DEBRIS BASIN, Q100

HYDROGRAPH AT 15031 1805B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	4.	300	6.	400	11.
500	17.	600	22.	700	29.	800	37.	900	70.
1000	166.	1050	272.	1100	408.	1110	442.	1120	497.
1130	567.	1131	576.	1132	586.	1133	596.	1134	606.
1135	616.	1136	626.	1137	637.	1138	647.	1139	658.
1140	670.	1141	684.	1142	698.	1143	713.	1144	729.
1145	748.	1146	768.	1147	789.	1148	811.	1149	828.
1150	845.	1151	877.	1152	937.	1153	972.	1154	1004.
1155	1036.	1156	1071.	1157	1114.	1158	1167.	1159	1228.
1160	1299.	1161	1378.	1162	1463.	1163	1546.	1164	1626.
1165	1700.	1166	1769.	1167	1834.	1168	1898.	1169	1956.
1170	2016.	1171	2071.	1172	2121.	1173	2168.	1174	2208.
1175	2233.	1176	2238.	1177	2253.	1178	2267.	1179	2274.
1180	2270.	1181	2282.	1182	2299.	1183	2316.	1184	2331.
1185	2344.	1186	2355.	1187	2364.	1188	2368.	1189	2368.
1190	2362.	1191	2351.	1192	2334.	1193	2311.	1194	2279.
1195	2243.	1196	2203.	1197	2159.	1198	2108.	1199	2057.
1200	2004.	1201	1949.	1202	1894.	1203	1838.	1204	1783.
1205	1728.	1206	1674.	1207	1621.	1208	1569.	1209	1518.
1210	1469.	1211	1421.	1212	1374.	1213	1328.	1214	1284.
1215	1241.	1216	1200.	1217	1160.	1218	1122.	1219	1085.
1220	1050.	1221	1016.	1222	983.	1223	951.	1224	921.
1225	892.	1226	864.	1227	837.	1228	811.	1229	787.
1230	763.	1231	741.	1232	720.	1233	700.	1234	681.
1235	663.	1236	646.	1237	629.	1238	613.	1239	598.
1240	584.	1241	570.	1242	557.	1243	544.	1244	532.
1245	521.	1246	509.	1247	499.	1248	488.	1249	478.
1250	469.	1251	459.	1252	451.	1253	442.	1254	434.
1255	426.	1256	419.	1257	412.	1258	405.	1259	399.
1260	392.	1261	386.	1262	381.	1263	375.	1264	370.
1265	365.	1266	359.	1267	355.	1268	350.	1269	345.
1270	340.	1271	336.	1272	332.	1273	327.	1274	323.

CALLEGUA. 990									
1275	319.	1276	315.	1277	311.	1278	307.	1279	303.
1280	300.	1281	296.	1282	292.	1283	289.	1284	285.
1285	282.	1286	278.	1287	275.	1288	272.	1289	269.
1290	266.	1291	263.	1292	260.	1293	257.	1294	255.
1295	252.	1296	249.	1297	247.	1298	244.	1299	242.
1300	239.	1310	218.	1320	198.	1330	178.	1340	160.
1350	144.	1360	129.	1370	115.	1380	100.	1390	86.
1400	74.	1420	56.	1440	42.	1460	32.	1500	20.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 COYOTE CANYON PRIOR CONFLUENC WITH FOX CANYON
 HYDROGRAPH AT 15031 1845B STORM DAY 4 REDUCTION FACTOR = 1. 000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	13.	200	13.	300	15.	400	21.
500	28.	600	36.	700	46.	800	59.	900	101.
1000	252.	1050	427.	1100	717.	1110	796.	1120	911.
1130	1034.	1131	1048.	1132	1062.	1133	1075.	1134	1089.
1135	1103.	1136	1119.	1137	1136.	1138	1153.	1139	1172.
1140	1192.	1141	1214.	1142	1237.	1143	1262.	1144	1289.
1145	1319.	1146	1351.	1147	1384.	1148	1420.	1149	1453.
1150	1488.	1151	1538.	1152	1613.	1153	1658.	1154	1700.
1155	1761.	1156	1840.	1157	1922.	1158	2000.	1159	2073.
1160	2142.	1161	2206.	1162	2266.	1163	2322.	1164	2376.
1165	2432.	1166	2490.	1167	2554.	1168	2628.	1169	2710.
1170	2794.	1171	2867.	1172	2933.	1173	2994.	1174	3037.
1175	3106.	1176	3179.	1177	3253.	1178	3330.	1179	3405.
1180	3477.	1181	3549.	1182	3614.	1183	3675.	1184	3730.
1185	3783.	1186	3832.	1187	3882.	1188	3935.	1189	3990.
1190	4048.	1191	4112.	1192	4174.	1193	4238.	1194	4300.
1195	4357.	1196	4409.	1197	4454.	1198	4490.	1199	4518.
1200	4537.	1201	4547.	1202	4548.	1203	4541.	1204	4526.
1205	4503.	1206	4473.	1207	4437.	1208	4395.	1209	4346.
1210	4293.	1211	4234.	1212	4172.	1213	4105.	1214	4034.
1215	3960.	1216	3882.	1217	3803.	1218	3722.	1219	3640.
1220	3556.	1221	3472.	1222	3388.	1223	3303.	1224	3220.
1225	3137.	1226	3055.	1227	2974.	1228	2894.	1229	2816.
1230	2741.	1231	2667.	1232	2596.	1233	2526.	1234	2459.
1235	2394.	1236	2331.	1237	2270.	1238	2211.	1239	2153.
1240	2098.	1241	2045.	1242	1993.	1243	1943.	1244	1895.
1245	1848.	1246	1803.	1247	1759.	1248	1716.	1249	1675.
1250	1635.	1251	1597.	1252	1560.	1253	1524.	1254	1489.
1255	1455.	1256	1422.	1257	1391.	1258	1360.	1259	1331.
1260	1302.	1261	1274.	1262	1247.	1263	1222.	1264	1197.
1265	1173.	1266	1150.	1267	1127.	1268	1106.	1269	1085.
1270	1065.	1271	1045.	1272	1027.	1273	1008.	1274	990.
1275	973.	1276	956.	1277	939.	1278	923.	1279	908.
1280	893.	1281	878.	1282	864.	1283	850.	1284	836.
1285	823.	1286	810.	1287	798.	1288	786.	1289	774.
1290	762.	1291	751.	1292	740.	1293	730.	1294	720.
1295	710.	1296	701.	1297	691.	1298	682.	1299	673.
1300	664.	1310	584.	1320	518.	1330	461.	1340	414.
1350	372.	1360	334.	1370	300.	1380	268.	1390	243.
1400	217.	1420	173.	1440	139.	1460	112.	1500	78.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 FOX CANYON DEBRIS BASIN, Q100
 HYDROGRAPH AT 15031 1894C STORM DAY 4 REDUCTION FACTOR = 1. 000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	3.	300	6.	400	14.

CALLEGUA. 990									
500	28.	600	45.	700	62.	800	83.	900	128.
1000	252.	1050	384.	1100	558.	1110	606.	1120	670.
1130	753.	1131	763.	1132	773.	1133	783.	1134	794.
1135	806.	1136	817.	1137	830.	1138	843.	1139	857.
1140	872.	1141	888.	1142	905.	1143	922.	1144	941.
1145	962.	1146	984.	1147	1007.	1148	1031.	1149	1059.
1150	1087.	1151	1118.	1152	1178.	1153	1222.	1154	1263.
1155	1308.	1156	1359.	1157	1416.	1158	1477.	1159	1538.
1160	1601.	1161	1663.	1162	1727.	1163	1788.	1164	1850.
1165	1911.	1166	1971.	1167	2035.	1168	2099.	1169	2157.
1170	2205.	1171	2267.	1172	2335.	1173	2407.	1174	2482.
1175	2553.	1176	2623.	1177	2699.	1178	2757.	1179	2821.
1180	2888.	1181	2950.	1182	3005.	1183	3053.	1184	3096.
1185	3134.	1186	3169.	1187	3202.	1188	3229.	1189	3254.
1190	3275.	1191	3294.	1192	3308.	1193	3317.	1194	3321.
1195	3319.	1196	3312.	1197	3298.	1198	3278.	1199	3251.
1200	3217.	1201	3177.	1202	3131.	1203	3079.	1204	3023.
1205	2962.	1206	2898.	1207	2831.	1208	2762.	1209	2692.
1210	2622.	1211	2550.	1212	2479.	1213	2409.	1214	2339.
1215	2270.	1216	2203.	1217	2137.	1218	2073.	1219	2010.
1220	1950.	1221	1891.	1222	1834.	1223	1778.	1224	1725.
1225	1673.	1226	1624.	1227	1576.	1228	1530.	1229	1486.
1230	1443.	1231	1402.	1232	1363.	1233	1325.	1234	1288.
1235	1253.	1236	1220.	1237	1188.	1238	1157.	1239	1127.
1240	1098.	1241	1071.	1242	1045.	1243	1019.	1244	995.
1245	972.	1246	949.	1247	927.	1248	907.	1249	887.
1250	867.	1251	849.	1252	831.	1253	814.	1254	797.
1255	781.	1256	766.	1257	751.	1258	737.	1259	723.
1260	710.	1261	697.	1262	684.	1263	672.	1264	661.
1265	650.	1266	639.	1267	629.	1268	619.	1269	609.
1270	600.	1271	591.	1272	582.	1273	574.	1274	566.
1275	558.	1276	551.	1277	544.	1278	537.	1279	530.
1280	523.	1281	516.	1282	510.	1283	503.	1284	497.
1285	491.	1286	485.	1287	479.	1288	473.	1289	468.
1290	463.	1291	458.	1292	453.	1293	448.	1294	443.
1295	438.	1296	434.	1297	430.	1298	426.	1299	422.
1300	418.	1310	383.	1320	352.	1330	323.	1340	296.
1350	273.	1360	251.	1370	230.	1380	208.	1390	187.
1400	166.	1420	130.	1440	105.	1460	82.	1500	53.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 FOX CANYON PRIOR CONFLUENCE WITH COYOTE CANYON
 HYDROGRAPH AT 15031 1897C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	6.	200	6.	300	9.	400	17.
500	31.	600	48.	700	65.	800	87.	900	133.
1000	259.	1050	393.	1100	573.	1110	625.	1120	699.
1130	785.	1131	795.	1132	806.	1133	817.	1134	830.
1135	842.	1136	855.	1137	868.	1138	882.	1139	897.
1140	912.	1141	929.	1142	947.	1143	966.	1144	986.
1145	1008.	1146	1032.	1147	1059.	1148	1087.	1149	1114.
1150	1146.	1151	1189.	1152	1245.	1153	1306.	1154	1372.
1155	1425.	1156	1472.	1157	1522.	1158	1577.	1159	1636.
1160	1696.	1161	1757.	1162	1819.	1163	1880.	1164	1941.
1165	2000.	1166	2058.	1167	2114.	1168	2172.	1169	2227.
1170	2277.	1171	2319.	1172	2366.	1173	2418.	1174	2475.
1175	2535.	1176	2587.	1177	2650.	1178	2717.	1179	2779.
1180	2841.	1181	2904.	1182	2964.	1183	3020.	1184	3068.
1185	3110.	1186	3148.	1187	3182.	1188	3214.	1189	3242.
1190	3266.	1191	3287.	1192	3306.	1193	3321.	1194	3330.

CALLEGUA. 990									
1195	3334.	1196	3333.	1197	3326.	1198	3313.	1199	3294.
1200	3268.	1201	3235.	1202	3196.	1203	3151.	1204	3100.
1205	3045.	1206	2985.	1207	2922.	1208	2857.	1209	2789.
1210	2720.	1211	2650.	1212	2579.	1213	2509.	1214	2439.
1215	2370.	1216	2301.	1217	2234.	1218	2169.	1219	2105.
1220	2042.	1221	1982.	1222	1923.	1223	1866.	1224	1811.
1225	1757.	1226	1706.	1227	1656.	1228	1608.	1229	1562.
1230	1517.	1231	1475.	1232	1433.	1233	1394.	1234	1355.
1235	1319.	1236	1284.	1237	1250.	1238	1217.	1239	1186.
1240	1156.	1241	1127.	1242	1099.	1243	1072.	1244	1047.
1245	1022.	1246	998.	1247	975.	1248	953.	1249	932.
1250	912.	1251	892.	1252	873.	1253	855.	1254	838.
1255	821.	1256	804.	1257	789.	1258	774.	1259	759.
1260	745.	1261	732.	1262	718.	1263	705.	1264	693.
1265	681.	1266	669.	1267	658.	1268	648.	1269	637.
1270	627.	1271	618.	1272	608.	1273	599.	1274	591.
1275	582.	1276	574.	1277	567.	1278	559.	1279	552.
1280	545.	1281	538.	1282	531.	1283	524.	1284	518.
1285	511.	1286	505.	1287	499.	1288	493.	1289	487.
1290	481.	1291	476.	1292	470.	1293	465.	1294	460.
1295	455.	1296	451.	1297	446.	1298	442.	1299	437.
1300	433.	1310	395.	1320	364.	1330	333.	1340	306.
1350	282.	1360	259.	1370	239.	1380	217.	1390	195.
1400	174.	1420	137.	1440	111.	1460	87.	1500	56.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CONFLUENCE OF COYOTE CANYON AND FOX CANYON
 HYDROGRAPH AT 15031 1898B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	19.	200	19.	300	24.	400	37.
500	59.	600	84.	700	111.	800	146.	900	234.
1000	512.	1050	820.	1100	1290.	1110	1421.	1120	1609.
1130	1819.	1131	1844.	1132	1868.	1133	1893.	1134	1918.
1135	1945.	1136	1974.	1137	2004.	1138	2035.	1139	2068.
1140	2104.	1141	2143.	1142	2185.	1143	2229.	1144	2275.
1145	2327.	1146	2383.	1147	2443.	1148	2507.	1149	2566.
1150	2634.	1151	2727.	1152	2858.	1153	2964.	1154	3072.
1155	3186.	1156	3312.	1157	3444.	1158	3577.	1159	3708.
1160	3838.	1161	3963.	1162	4086.	1163	4202.	1164	4317.
1165	4432.	1166	4548.	1167	4668.	1168	4800.	1169	4937.
1170	5071.	1171	5186.	1172	5299.	1173	5412.	1174	5512.
1175	5641.	1176	5766.	1177	5903.	1178	6047.	1179	6184.
1180	6318.	1181	6452.	1182	6578.	1183	6694.	1184	6798.
1185	6893.	1186	6980.	1187	7064.	1188	7149.	1189	7232.
1190	7315.	1191	7399.	1192	7480.	1193	7559.	1194	7630.
1195	7692.	1196	7742.	1197	7780.	1198	7804.	1199	7812.
1200	7805.	1201	7782.	1202	7744.	1203	7691.	1204	7626.
1205	7548.	1206	7459.	1207	7360.	1208	7251.	1209	7135.
1210	7013.	1211	6884.	1212	6751.	1213	6614.	1214	6473.
1215	6329.	1216	6184.	1217	6037.	1218	5891.	1219	5744.
1220	5598.	1221	5454.	1222	5310.	1223	5169.	1224	5030.
1225	4894.	1226	4760.	1227	4630.	1228	4502.	1229	4378.
1230	4258.	1231	4142.	1232	4029.	1233	3920.	1234	3815.
1235	3713.	1236	3615.	1237	3520.	1238	3428.	1239	3339.
1240	3254.	1241	3171.	1242	3092.	1243	3015.	1244	2941.
1245	2870.	1246	2801.	1247	2734.	1248	2669.	1249	2607.
1250	2547.	1251	2489.	1252	2433.	1253	2379.	1254	2326.
1255	2276.	1256	2227.	1257	2180.	1258	2134.	1259	2090.
1260	2047.	1261	2006.	1262	1966.	1263	1927.	1264	1890.
1265	1854.	1266	1819.	1267	1786.	1268	1753.	1269	1722.

CALLEGUA. 990									
1270	1692.	1271	1663.	1272	1635.	1273	1608.	1274	1581.
1275	1555.	1276	1530.	1277	1506.	1278	1482.	1279	1460.
1280	1438.	1281	1416.	1282	1395.	1283	1374.	1284	1354.
1285	1334.	1286	1315.	1287	1296.	1288	1278.	1289	1261.
1290	1244.	1291	1227.	1292	1211.	1293	1195.	1294	1180.
1295	1166.	1296	1151.	1297	1137.	1298	1124.	1299	1110.
1300	1097.	1310	979.	1320	881.	1330	794.	1340	721.
1350	654.	1360	593.	1370	538.	1380	485.	1390	439.
1400	392.	1420	310.	1440	250.	1460	199.	1500	134.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 COYOTE AND FOX CANYONS CONFLUENCE WITH ARROYO LAS POSA, Q100
 HYDROGRAPH AT 15031 1899A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1889.	200	1903.	300	1987.	400	2200.
500	2609.	600	3183.	700	3838.	800	4600.	900	5760.
1000	8049.	1050	10190.	1100	13467.	1110	14337.	1120	15393.
1130	16647.	1131	16792.	1132	16936.	1133	17083.	1134	17236.
1135	17393.	1136	17556.	1137	17721.	1138	17888.	1139	18062.
1140	18241.	1141	18432.	1142	18630.	1143	18836.	1144	19051.
1145	19281.	1146	19524.	1147	19782.	1148	20053.	1149	20325.
1150	20633.	1151	21023.	1152	21520.	1153	21985.	1154	22483.
1155	22998.	1156	23521.	1157	24056.	1158	24599.	1159	25134.
1160	25666.	1161	26191.	1162	26711.	1163	27222.	1164	27735.
1165	28237.	1166	28710.	1167	29171.	1168	29627.	1169	30059.
1170	30514.	1171	30965.	1172	31402.	1173	31799.	1174	32242.
1175	32738.	1176	33241.	1177	33765.	1178	34299.	1179	34827.
1180	35355.	1181	35879.	1182	36389.	1183	36879.	1184	37348.
1185	37796.	1186	38231.	1187	38668.	1188	39122.	1189	39594.
1190	40089.	1191	40594.	1192	41121.	1193	41663.	1194	42215.
1195	42770.	1196	43319.	1197	43856.	1198	44378.	1199	44880.
1200	45364.	1201	45824.	1202	46258.	1203	46666.	1204	47050.
1205	47411.	1206	47749.	1207	48061.	1208	48350.	1209	48619.
1210	48873.	1211	49119.	1212	49364.	1213	49618.	1214	49885.
1215	50172.	1216	50482.	1217	50819.	1218	51178.	1219	51553.
1220	51937.	1221	52318.	1222	52686.	1223	53027.	1224	53333.
1225	53597.	1226	53812.	1227	53975.	1228	54084.	1229	54140.
1230	54145.	1231	54099.	1232	54007.	1233	53871.	1234	53693.
1235	53478.	1236	53228.	1237	52948.	1238	52641.	1239	52310.
1240	51957.	1241	51586.	1242	51199.	1243	50799.	1244	50387.
1245	49965.	1246	49536.	1247	49100.	1248	48660.	1249	48219.
1250	47778.	1251	47341.	1252	46910.	1253	46489.	1254	46078.
1255	45682.	1256	45301.	1257	44938.	1258	44595.	1259	44271.
1260	43969.	1261	43689.	1262	43431.	1263	43195.	1264	42982.
1265	42792.	1266	42624.	1267	42476.	1268	42348.	1269	42237.
1270	42142.	1271	42058.	1272	41981.	1273	41910.	1274	41839.
1275	41765.	1276	41683.	1277	41591.	1278	41486.	1279	41365.
1280	41224.	1281	41063.	1282	40881.	1283	40677.	1284	40453.
1285	40208.	1286	39945.	1287	39664.	1288	39366.	1289	39054.
1290	38729.	1291	38392.	1292	38045.	1293	37690.	1294	37328.
1295	36959.	1296	36585.	1297	36207.	1298	35827.	1299	35446.
1300	35064.	1310	31414.	1320	28208.	1330	25486.	1340	23185.
1350	21235.	1360	19567.	1370	18125.	1380	16863.	1390	15758.
1400	14773.	1420	13103.	1440	11757.	1460	10559.	1500	8627.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 VCRAT MODEL-CAMARILLO MPD, 6/97, W/NEW #, MOD TO Q100, DBT/LS, 6/99
 HYDROGRAPH AT 15031 1900A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
------	---	------	---	------	---	------	---	------	---

CALLEGUA. 990									
0	0.	100	1890.	200	1903.	300	1981.	400	2185.
500	2582.	600	3151.	700	3804.	800	4562.	900	5701.
1000	7943.	1050	10020.	1100	13237.	1110	14065.	1120	15063.
1130	16276.	1131	16406.	1132	16536.	1133	16673.	1134	16816.
1135	16963.	1136	17111.	1137	17267.	1138	17426.	1139	17589.
1140	17757.	1141	17930.	1142	18109.	1143	18295.	1144	18489.
1145	18694.	1146	18908.	1147	19134.	1148	19371.	1149	19637.
1150	19915.	1151	20188.	1152	20526.	1153	20898.	1154	21315.
1155	21769.	1156	22248.	1157	22749.	1158	23267.	1159	23798.
1160	24336.	1161	24875.	1162	25412.	1163	25944.	1164	26457.
1165	26962.	1166	27483.	1167	27952.	1168	28425.	1169	28900.
1170	29360.	1171	29814.	1172	30268.	1173	30721.	1174	31160.
1175	31589.	1176	32036.	1177	32511.	1178	33009.	1179	33524.
1180	34053.	1181	34586.	1182	35119.	1183	35647.	1184	36162.
1185	36665.	1186	37146.	1187	37609.	1188	38059.	1189	38508.
1190	38965.	1191	39439.	1192	39929.	1193	40437.	1194	40962.
1195	41502.	1196	42053.	1197	42608.	1198	43161.	1199	43703.
1200	44232.	1201	44742.	1202	45234.	1203	45701.	1204	46144.
1205	46562.	1206	46954.	1207	47323.	1208	47667.	1209	47986.
1210	48282.	1211	48558.	1212	48819.	1213	49071.	1214	49322.
1215	49578.	1216	49847.	1217	50135.	1218	50444.	1219	50777.
1220	51132.	1221	51504.	1222	51883.	1223	52261.	1224	52627.
1225	52968.	1226	53276.	1227	53542.	1228	53761.	1229	53930.
1230	54046.	1231	54108.	1232	54120.	1233	54081.	1234	53996.
1235	53867.	1236	53696.	1237	53488.	1238	53245.	1239	52972.
1240	52671.	1241	52346.	1242	52000.	1243	51634.	1244	51253.
1245	50858.	1246	50452.	1247	50035.	1248	49611.	1249	49180.
1250	48745.	1251	48308.	1252	47872.	1253	47439.	1254	47011.
1255	46592.	1256	46183.	1257	45787.	1258	45407.	1259	45043.
1260	44697.	1261	44371.	1262	44066.	1263	43781.	1264	43519.
1265	43278.	1266	43060.	1267	42863.	1268	42689.	1269	42535.
1270	42401.	1271	42284.	1272	42182.	1273	42092.	1274	42012.
1275	41937.	1276	41864.	1277	41788.	1278	41706.	1279	41616.
1280	41513.	1281	41396.	1282	41260.	1283	41105.	1284	40930.
1285	40734.	1286	40518.	1287	40282.	1288	40027.	1289	39754.
1290	39465.	1291	39161.	1292	38844.	1293	38514.	1294	38175.
1295	37827.	1296	37471.	1297	37108.	1298	36740.	1299	36368.
1300	35993.	1310	32332.	1320	29033.	1330	26215.	1340	23821.
1350	21793.	1360	20058.	1370	18562.	1380	17256.	1390	16112.
1400	15094.	1420	13380.	1440	11996.	1460	10773.	1500	8809.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 GROVES PLACE DRAIN DOWN LA AVE.
 HYDROGRAPH AT 15031 1924B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	3.	300	6.	400	8.
500	9.	600	12.	700	13.	800	16.	900	25.
1000	42.	1050	63.	1100	76.	1110	96.	1120	116.
1130	151.	1131	155.	1132	160.	1133	165.	1134	170.
1135	176.	1136	180.	1137	186.	1138	192.	1139	197.
1140	203.	1141	210.	1142	217.	1143	225.	1144	234.
1145	247.	1146	262.	1147	277.	1148	296.	1149	329.
1150	365.	1151	387.	1152	454.	1153	508.	1154	557.
1155	611.	1156	665.	1157	708.	1158	736.	1159	755.
1160	759.	1161	745.	1162	730.	1163	723.	1164	694.
1165	668.	1166	649.	1167	626.	1168	592.	1169	563.
1170	543.	1171	509.	1172	486.	1173	472.	1174	459.
1175	446.	1176	431.	1177	415.	1178	395.	1179	373.
1180	349.	1181	322.	1182	296.	1183	270.	1184	248.
1185	229.	1186	210.	1187	193.	1188	179.	1189	170.

CALLEGUA. 990									
1190	160.	1191	150.	1192	141.	1193	132.	1194	124.
1195	118.	1196	112.	1197	107.	1198	102.	1199	98.
1200	95.	1201	92.	1202	89.	1203	86.	1204	84.
1205	81.	1206	78.	1207	76.	1208	73.	1209	71.
1210	69.	1211	67.	1212	65.	1213	63.	1214	61.
1215	59.	1216	58.	1217	56.	1218	55.	1219	53.
1220	53.	1221	52.	1222	51.	1223	50.	1224	49.
1225	49.	1226	48.	1227	47.	1228	47.	1229	46.
1230	46.	1231	45.	1232	45.	1233	44.	1234	44.
1235	44.	1236	43.	1237	43.	1238	43.	1239	42.
1240	42.	1241	42.	1242	42.	1243	41.	1244	41.
1245	41.	1246	41.	1247	40.	1248	40.	1249	40.
1250	40.	1251	40.	1252	39.	1253	39.	1254	39.
1255	39.	1256	39.	1257	39.	1258	39.	1259	39.
1260	38.	1261	38.	1262	38.	1263	38.	1264	38.
1265	37.	1266	37.	1267	37.	1268	36.	1269	36.
1270	36.	1271	35.	1272	34.	1273	34.	1274	33.
1275	33.	1276	32.	1277	32.	1278	31.	1279	31.
1280	30.	1281	30.	1282	30.	1283	29.	1284	29.
1285	29.	1286	28.	1287	28.	1288	28.	1289	28.
1290	27.	1291	27.	1292	27.	1293	27.	1294	27.
1295	27.	1296	26.	1297	26.	1298	26.	1299	26.
1300	26.	1310	23.	1320	19.	1330	15.	1340	14.
1350	12.	1360	9.	1370	7.	1380	4.	1390	3.
1400	3.	1420	3.	1440	3.	1460	2.	1500	2.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SOMIS DRAIN, Q100									
HYDROGRAPH AT 15031 1986D									
STORM DAY 4									
REDUCTION FACTOR = 1.000									
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	3.	300	4.	400	4.
500	4.	600	4.	700	4.	800	4.	900	5.
1000	6.	1050	7.	1100	7.	1110	23.	1120	18.
1130	38.	1131	38.	1132	38.	1133	39.	1134	41.
1135	43.	1136	42.	1137	44.	1138	46.	1139	48.
1140	51.	1141	55.	1142	59.	1143	61.	1144	64.
1145	70.	1146	79.	1147	85.	1148	90.	1149	118.
1150	146.	1151	142.	1152	199.	1153	225.	1154	229.
1155	225.	1156	220.	1157	213.	1158	205.	1159	174.
1160	145.	1161	143.	1162	82.	1163	48.	1164	40.
1165	32.	1166	28.	1167	23.	1168	21.	1169	21.
1170	15.	1171	15.	1172	14.	1173	12.	1174	8.
1175	8.	1176	7.	1177	7.	1178	7.	1179	6.
1180	7.	1181	7.	1182	6.	1183	6.	1184	6.
1185	6.	1186	6.	1187	6.	1188	6.	1189	6.
1190	6.	1191	6.	1192	6.	1193	6.	1194	6.
1195	6.	1196	6.	1197	6.	1198	6.	1199	6.
1200	6.	1201	6.	1202	6.	1203	6.	1204	6.
1205	6.	1206	6.	1207	6.	1208	6.	1209	6.
1210	5.	1211	5.	1212	5.	1213	6.	1214	5.
1215	5.	1216	6.	1217	6.	1218	6.	1219	5.
1220	6.	1221	6.	1222	6.	1223	5.	1224	6.
1225	6.	1226	6.	1227	5.	1228	6.	1229	6.
1230	6.	1231	5.	1232	6.	1233	6.	1234	5.
1235	5.	1236	5.	1237	5.	1238	5.	1239	5.
1240	5.	1241	5.	1242	5.	1243	5.	1244	5.
1245	5.	1246	5.	1247	5.	1248	5.	1249	5.
1250	5.	1251	5.	1252	5.	1253	5.	1254	5.
1255	5.	1256	5.	1257	5.	1258	5.	1259	5.
1260	5.	1261	5.	1262	5.	1263	5.	1264	5.

CALLEGUA. 990

1265	5.	1266	5.	1267	5.	1268	5.	1269	5.
1270	5.	1271	5.	1272	5.	1273	5.	1274	5.
1275	5.	1276	5.	1277	5.	1278	5.	1279	5.
1280	5.	1281	5.	1282	5.	1283	5.	1284	5.
1285	5.	1286	5.	1287	5.	1288	5.	1289	5.
1290	5.	1291	5.	1292	5.	1293	5.	1294	5.
1295	5.	1296	5.	1297	5.	1298	5.	1299	5.
1300	5.	1310	4.	1320	4.	1330	4.	1340	4.
1350	3.	1360	3.	1370	3.	1380	3.	1390	3.
1400	3.	1420	2.	1440	2.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

NO LAKE PER 1996 AERIAL PHOTO, Q100

HYDROGRAPH AT 15031 1987D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	3.	300	4.	400	4.
500	4.	600	4.	700	4.	800	4.	900	5.
1000	6.	1050	7.	1100	7.	1110	23.	1120	18.
1130	38.	1131	38.	1132	38.	1133	39.	1134	41.
1135	43.	1136	42.	1137	44.	1138	46.	1139	48.
1140	51.	1141	55.	1142	59.	1143	61.	1144	64.
1145	70.	1146	79.	1147	85.	1148	90.	1149	118.
1150	146.	1151	142.	1152	199.	1153	225.	1154	229.
1155	225.	1156	220.	1157	213.	1158	205.	1159	174.
1160	145.	1161	143.	1162	82.	1163	48.	1164	40.
1165	32.	1166	28.	1167	23.	1168	21.	1169	21.
1170	15.	1171	15.	1172	14.	1173	12.	1174	8.
1175	8.	1176	7.	1177	7.	1178	7.	1179	6.
1180	7.	1181	7.	1182	6.	1183	6.	1184	6.
1185	6.	1186	6.	1187	6.	1188	6.	1189	6.
1190	6.	1191	6.	1192	6.	1193	6.	1194	6.
1195	6.	1196	6.	1197	6.	1198	6.	1199	6.
1200	6.	1201	6.	1202	6.	1203	6.	1204	6.
1205	6.	1206	6.	1207	6.	1208	6.	1209	6.
1210	5.	1211	5.	1212	5.	1213	6.	1214	5.
1215	5.	1216	6.	1217	6.	1218	6.	1219	5.
1220	6.	1221	6.	1222	6.	1223	5.	1224	6.
1225	6.	1226	6.	1227	5.	1228	6.	1229	6.
1230	6.	1231	5.	1232	6.	1233	6.	1234	5.
1235	5.	1236	5.	1237	5.	1238	5.	1239	5.
1240	5.	1241	5.	1242	5.	1243	5.	1244	5.
1245	5.	1246	5.	1247	5.	1248	5.	1249	5.
1250	5.	1251	5.	1252	5.	1253	5.	1254	5.
1255	5.	1256	5.	1257	5.	1258	5.	1259	5.
1260	5.	1261	5.	1262	5.	1263	5.	1264	5.
1265	5.	1266	5.	1267	5.	1268	5.	1269	5.
1270	5.	1271	5.	1272	5.	1273	5.	1274	5.
1275	5.	1276	5.	1277	5.	1278	5.	1279	5.
1280	5.	1281	5.	1282	5.	1283	5.	1284	5.
1285	5.	1286	5.	1287	5.	1288	5.	1289	5.
1290	5.	1291	5.	1292	5.	1293	5.	1294	5.
1295	5.	1296	5.	1297	5.	1298	5.	1299	5.
1300	5.	1310	4.	1320	4.	1330	4.	1340	4.
1350	3.	1360	3.	1370	3.	1380	3.	1390	3.
1400	3.	1420	2.	1440	2.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SOMIS DRAIN JCT W/CALLEGUAS CREEK, Q100

HYDROGRAPH AT 15031 2024A STORM DAY 4 REDUCTION FACTOR = 1.000

CALLEGUA. 990									
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2037.	200	2052.	300	2121.	400	2278.
500	2597.	600	3130.	700	3787.	800	4532.	900	5581.
1000	7603.	1050	9377.	1100	12221.	1110	12963.	1120	13768.
1130	14759.	1131	14869.	1132	14981.	1133	15096.	1134	15213.
1135	15331.	1136	15450.	1137	15572.	1138	15697.	1139	15826.
1140	15957.	1141	16094.	1142	16235.	1143	16380.	1144	16530.
1145	16686.	1146	16849.	1147	17020.	1148	17198.	1149	17397.
1150	17618.	1151	17850.	1152	18116.	1153	18410.	1154	18710.
1155	19013.	1156	19330.	1157	19657.	1158	19986.	1159	20314.
1160	20636.	1161	20952.	1162	21266.	1163	21576.	1164	21899.
1165	22217.	1166	22546.	1167	22900.	1168	23275.	1169	23667.
1170	24076.	1171	24501.	1172	24947.	1173	25412.	1174	25889.
1175	26372.	1176	26861.	1177	27347.	1178	27830.	1179	28306.
1180	28772.	1181	29220.	1182	29648.	1183	30065.	1184	30478.
1185	30880.	1186	31271.	1187	31653.	1188	32032.	1189	32406.
1190	32780.	1191	33159.	1192	33545.	1193	33945.	1194	34360.
1195	34793.	1196	35243.	1197	35706.	1198	36171.	1199	36635.
1200	37098.	1201	37558.	1202	38017.	1203	38479.	1204	38948.
1205	39426.	1206	39905.	1207	40383.	1208	40864.	1209	41354.
1210	41855.	1211	42365.	1212	42884.	1213	43413.	1214	43950.
1215	44486.	1216	45015.	1217	45526.	1218	46011.	1219	46468.
1220	46898.	1221	47302.	1222	47683.	1223	48040.	1224	48373.
1225	48685.	1226	48979.	1227	49261.	1228	49537.	1229	49813.
1230	50093.	1231	50378.	1232	50676.	1233	50991.	1234	51322.
1235	51668.	1236	52021.	1237	52376.	1238	52724.	1239	53054.
1240	53358.	1241	53630.	1242	53866.	1243	54060.	1244	54208.
1245	54309.	1246	54362.	1247	54368.	1248	54328.	1249	54243.
1250	54118.	1251	53954.	1252	53754.	1253	53522.	1254	53261.
1255	52974.	1256	52664.	1257	52337.	1258	51995.	1259	51639.
1260	51271.	1261	50893.	1262	50504.	1263	50104.	1264	49698.
1265	49291.	1266	48882.	1267	48471.	1268	48059.	1269	47653.
1270	47254.	1271	46860.	1272	46474.	1273	46102.	1274	45743.
1275	45401.	1276	45079.	1277	44775.	1278	44491.	1279	44225.
1280	43979.	1281	43750.	1282	43539.	1283	43346.	1284	43171.
1285	43011.	1286	42869.	1287	42741.	1288	42625.	1289	42520.
1290	42423.	1291	42330.	1292	42240.	1293	42149.	1294	42053.
1295	41950.	1296	41837.	1297	41712.	1298	41573.	1299	41418.
1300	41247.	1310	38647.	1320	35281.	1330	32023.	1340	29029.
1350	26417.	1360	24148.	1370	22194.	1380	20511.	1390	19060.
1400	17734.	1420	15653.	1440	13922.	1460	12508.	1500	10242.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LEWIS RD. LATL. W/SPLIT IF 100CFS TO EXIST. PIPE DBT/2001
 HYDROGRAPH AT 15031 2059C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	11.	200	12.	300	14.	400	14.
500	14.	600	15.	700	16.	800	17.	900	18.
1000	21.	1050	25.	1100	27.	1110	30.	1120	35.
1130	40.	1131	40.	1132	41.	1133	42.	1134	43.
1135	44.	1136	45.	1137	47.	1138	48.	1139	49.
1140	50.	1141	51.	1142	52.	1143	53.	1144	54.
1145	56.	1146	58.	1147	60.	1148	62.	1149	65.
1150	69.	1151	73.	1152	80.	1153	89.	1154	99.
1155	100.	1156	100.	1157	100.	1158	100.	1159	100.
1160	100.	1161	100.	1162	100.	1163	100.	1164	100.
1165	100.	1166	100.	1167	100.	1168	100.	1169	100.
1170	90.	1171	76.	1172	65.	1173	58.	1174	51.
1175	47.	1176	43.	1177	40.	1178	37.	1179	35.
1180	34.	1181	32.	1182	31.	1183	29.	1184	29.

CALLEGUA. 990

1185	28.	1186	27.	1187	27.	1188	26.	1189	26.
1190	25.	1191	25.	1192	25.	1193	25.	1194	24.
1195	24.	1196	24.	1197	24.	1198	24.	1199	24.
1200	24.	1201	24.	1202	24.	1203	24.	1204	24.
1205	24.	1206	24.	1207	24.	1208	23.	1209	23.
1210	23.	1211	23.	1212	23.	1213	23.	1214	22.
1215	22.	1216	22.	1217	22.	1218	22.	1219	21.
1220	21.	1221	21.	1222	21.	1223	21.	1224	21.
1225	21.	1226	21.	1227	21.	1228	21.	1229	21.
1230	21.	1231	21.	1232	21.	1233	21.	1234	21.
1235	21.	1236	21.	1237	21.	1238	21.	1239	21.
1240	21.	1241	21.	1242	21.	1243	21.	1244	21.
1245	21.	1246	21.	1247	21.	1248	21.	1249	21.
1250	21.	1251	21.	1252	21.	1253	21.	1254	21.
1255	21.	1256	21.	1257	21.	1258	21.	1259	21.
1260	21.	1261	21.	1262	21.	1263	21.	1264	21.
1265	21.	1266	21.	1267	20.	1268	20.	1269	20.
1270	20.	1271	20.	1272	20.	1273	20.	1274	20.
1275	19.	1276	19.	1277	19.	1278	19.	1279	19.
1280	19.	1281	19.	1282	19.	1283	19.	1284	19.
1285	19.	1286	19.	1287	19.	1288	19.	1289	19.
1290	19.	1291	19.	1292	19.	1293	19.	1294	19.
1295	19.	1296	19.	1297	19.	1298	19.	1299	19.
1300	19.	1310	18.	1320	16.	1330	16.	1340	16.
1350	15.	1360	13.	1370	12.	1380	12.	1390	12.
1400	12.	1420	11.	1440	11.	1460	11.	1500	11.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

LEWIS RD. LATL. SUMP AFTER SPLIT
 HYDROGRAPH AT 15031 2059F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	11.	1156	25.	1157	37.	1158	45.	1159	51.
1160	54.	1161	56.	1162	56.	1163	55.	1164	52.
1165	48.	1166	40.	1167	31.	1168	20.	1169	6.
1170	0.	1171	0.	1172	0.	1173	0.	1174	0.
1175	0.	1176	0.	1177	0.	1178	0.	1179	0.
1180	0.	1181	0.	1182	0.	1183	0.	1184	0.
1185	0.	1186	0.	1187	0.	1188	0.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.
1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.

CALLEGUA. 990									
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952									
AT PLEASANT VALLEY ROAD									
HYDROGRAPH AT 15031 2063B		STORM DAY 4				REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	52.	200	56.	300	63.	400	65.
500	67.	600	71.	700	74.	800	78.	900	85.
1000	99.	1050	116.	1100	129.	1110	141.	1120	156.
1130	186.	1131	191.	1132	195.	1133	199.	1134	204.
1135	209.	1136	213.	1137	219.	1138	224.	1139	230.
1140	235.	1141	241.	1142	248.	1143	254.	1144	261.
1145	270.	1146	280.	1147	290.	1148	301.	1149	322.
1150	351.	1151	368.	1152	416.	1153	455.	1154	493.
1155	532.	1156	572.	1157	617.	1158	664.	1159	711.
1160	754.	1161	790.	1162	818.	1163	826.	1164	826.
1165	824.	1166	788.	1167	756.	1168	721.	1169	678.
1170	634.	1171	596.	1172	563.	1173	535.	1174	511.
1175	491.	1176	472.	1177	451.	1178	429.	1179	407.
1180	384.	1181	361.	1182	339.	1183	318.	1184	301.
1185	284.	1186	269.	1187	256.	1188	243.	1189	229.
1190	215.	1191	203.	1192	191.	1193	180.	1194	171.
1195	163.	1196	157.	1197	152.	1198	147.	1199	143.
1200	140.	1201	137.	1202	134.	1203	131.	1204	129.
1205	127.	1206	125.	1207	123.	1208	122.	1209	120.
1210	119.	1211	117.	1212	116.	1213	115.	1214	113.
1215	112.	1216	111.	1217	110.	1218	109.	1219	108.
1220	107.	1221	106.	1222	106.	1223	105.	1224	104.
1225	104.	1226	103.	1227	102.	1228	102.	1229	102.
1230	101.	1231	101.	1232	101.	1233	100.	1234	100.
1235	100.	1236	100.	1237	99.	1238	99.	1239	99.
1240	99.	1241	99.	1242	98.	1243	98.	1244	98.
1245	98.	1246	98.	1247	98.	1248	98.	1249	97.
1250	97.	1251	97.	1252	97.	1253	97.	1254	97.
1255	97.	1256	97.	1257	97.	1258	96.	1259	97.
1260	96.	1261	96.	1262	96.	1263	96.	1264	96.
1265	95.	1266	95.	1267	95.	1268	95.	1269	94.
1270	94.	1271	94.	1272	93.	1273	93.	1274	93.
1275	92.	1276	92.	1277	92.	1278	91.	1279	91.
1280	91.	1281	91.	1282	90.	1283	90.	1284	90.
1285	90.	1286	89.	1287	89.	1288	89.	1289	89.
1290	88.	1291	88.	1292	88.	1293	88.	1294	88.
1295	87.	1296	87.	1297	87.	1298	87.	1299	87.
1300	87.	1310	83.	1320	79.	1330	76.	1340	74.
1350	68.	1360	63.	1370	59.	1380	56.	1390	55.
1400	54.	1420	49.	1440	49.	1460	43.	1500	43.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952									
BEFORE JNC WITH 2078D									
HYDROGRAPH AT 15031 2083B		STORM DAY 4				REDUCTION FACTOR = 1.000			

Page 252

CALLEGUA. 990

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	52.	200	55.	300	62.	400	65.
500	66.	600	70.	700	73.	800	77.	900	83.
1000	96.	1050	110.	1100	125.	1110	128.	1120	135.
1130	159.	1131	163.	1132	166.	1133	170.	1134	174.
1135	179.	1136	183.	1137	188.	1138	193.	1139	199.
1140	204.	1141	211.	1142	218.	1143	225.	1144	232.
1145	243.	1146	254.	1147	266.	1148	277.	1149	296.
1150	314.	1151	326.	1152	352.	1153	373.	1154	391.
1155	410.	1156	432.	1157	458.	1158	489.	1159	523.
1160	559.	1161	595.	1162	632.	1163	670.	1164	712.
1165	761.	1166	809.	1167	856.	1168	900.	1169	941.
1170	974.	1171	1004.	1172	1027.	1173	1040.	1174	1038.
1175	1024.	1176	1009.	1177	970.	1178	931.	1179	896.
1180	862.	1181	825.	1182	786.	1183	745.	1184	705.
1185	667.	1186	632.	1187	599.	1188	567.	1189	534.
1190	502.	1191	471.	1192	441.	1193	413.	1194	389.
1195	369.	1196	351.	1197	335.	1198	319.	1199	303.
1200	288.	1201	274.	1202	261.	1203	248.	1204	236.
1205	224.	1206	213.	1207	205.	1208	198.	1209	190.
1210	183.	1211	176.	1212	170.	1213	164.	1214	159.
1215	154.	1216	150.	1217	146.	1218	143.	1219	140.
1220	137.	1221	134.	1222	132.	1223	129.	1224	127.
1225	125.	1226	123.	1227	122.	1228	120.	1229	119.
1230	117.	1231	116.	1232	115.	1233	114.	1234	112.
1235	111.	1236	110.	1237	110.	1238	109.	1239	108.
1240	107.	1241	106.	1242	106.	1243	105.	1244	104.
1245	104.	1246	103.	1247	103.	1248	102.	1249	102.
1250	101.	1251	101.	1252	101.	1253	100.	1254	100.
1255	100.	1256	100.	1257	99.	1258	99.	1259	99.
1260	99.	1261	99.	1262	98.	1263	98.	1264	98.
1265	98.	1266	98.	1267	98.	1268	97.	1269	97.
1270	97.	1271	97.	1272	97.	1273	97.	1274	97.
1275	97.	1276	97.	1277	97.	1278	96.	1279	96.
1280	96.	1281	96.	1282	96.	1283	96.	1284	95.
1285	95.	1286	95.	1287	95.	1288	95.	1289	94.
1290	94.	1291	94.	1292	93.	1293	93.	1294	93.
1295	93.	1296	92.	1297	92.	1298	92.	1299	91.
1300	91.	1310	89.	1320	86.	1330	83.	1340	80.
1350	76.	1360	73.	1370	69.	1380	64.	1390	60.
1400	57.	1420	54.	1440	52.	1460	52.	1500	52.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

JNC LEWIS ROAD AND 2078D BEFORE CONFL. W/CALLEGUAS
 HYDROGRAPH AT 15031 2084B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	53.	200	55.	300	62.	400	66.
500	67.	600	71.	700	74.	800	78.	900	84.
1000	99.	1050	120.	1100	144.	1110	153.	1120	167.
1130	204.	1131	208.	1132	213.	1133	219.	1134	225.
1135	232.	1136	237.	1137	245.	1138	252.	1139	260.
1140	268.	1141	277.	1142	287.	1143	297.	1144	307.
1145	322.	1146	336.	1147	352.	1148	369.	1149	398.
1150	426.	1151	442.	1152	486.	1153	520.	1154	545.
1155	572.	1156	603.	1157	638.	1158	680.	1159	727.
1160	776.	1161	828.	1162	879.	1163	932.	1164	992.
1165	1056.	1166	1122.	1167	1191.	1168	1258.	1169	1321.
1170	1375.	1171	1424.	1172	1459.	1173	1484.	1174	1498.
1175	1486.	1176	1475.	1177	1441.	1178	1405.	1179	1369.

CALLEGUA. 990

1180	1330.	1181	1284.	1182	1233.	1183	1178.	1184	1124.
1185	1070.	1186	1017.	1187	964.	1188	913.	1189	860.
1190	808.	1191	757.	1192	707.	1193	660.	1194	621.
1195	587.	1196	555.	1197	524.	1198	494.	1199	466.
1200	439.	1201	415.	1202	391.	1203	370.	1204	350.
1205	331.	1206	313.	1207	299.	1208	285.	1209	272.
1210	260.	1211	248.	1212	237.	1213	227.	1214	217.
1215	209.	1216	202.	1217	196.	1218	190.	1219	185.
1220	180.	1221	175.	1222	170.	1223	166.	1224	162.
1225	158.	1226	154.	1227	151.	1228	148.	1229	145.
1230	142.	1231	139.	1232	137.	1233	134.	1234	132.
1235	130.	1236	128.	1237	126.	1238	125.	1239	123.
1240	122.	1241	121.	1242	119.	1243	118.	1244	117.
1245	116.	1246	115.	1247	114.	1248	113.	1249	113.
1250	112.	1251	111.	1252	110.	1253	110.	1254	109.
1255	108.	1256	108.	1257	107.	1258	107.	1259	106.
1260	106.	1261	106.	1262	105.	1263	105.	1264	104.
1265	104.	1266	104.	1267	103.	1268	103.	1269	103.
1270	103.	1271	102.	1272	102.	1273	102.	1274	101.
1275	101.	1276	101.	1277	101.	1278	100.	1279	100.
1280	100.	1281	100.	1282	99.	1283	99.	1284	99.
1285	98.	1286	98.	1287	98.	1288	97.	1289	97.
1290	97.	1291	96.	1292	96.	1293	96.	1294	95.
1295	95.	1296	95.	1297	94.	1298	94.	1299	94.
1300	93.	1310	90.	1320	88.	1330	84.	1340	81.
1350	77.	1360	74.	1370	69.	1380	65.	1390	61.
1400	58.	1420	55.	1440	53.	1460	53.	1500	53.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CREEK JCT W/LEWIS DRAIN, Q100

HYDROGRAPH AT 15031 2086A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2141.	200	2154.	300	2213.	400	2347.
500	2604.	600	3071.	700	3706.	800	4453.	900	5418.
1000	7212.	1050	8719.	1100	11159.	1110	11771.	1120	12437.
1130	13226.	1131	13313.	1132	13399.	1133	13486.	1134	13575.
1135	13668.	1136	13765.	1137	13862.	1138	13961.	1139	14061.
1140	14162.	1141	14267.	1142	14374.	1143	14483.	1144	14594.
1145	14707.	1146	14824.	1147	14946.	1148	15072.	1149	15203.
1150	15343.	1151	15493.	1152	15648.	1153	15809.	1154	15983.
1155	16163.	1156	16348.	1157	16539.	1158	16745.	1159	16963.
1160	17187.	1161	17418.	1162	17655.	1163	17901.	1164	18156.
1165	18426.	1166	18708.	1167	19002.	1168	19304.	1169	19622.
1170	19955.	1171	20307.	1172	20670.	1173	21024.	1174	21369.
1175	21702.	1176	22019.	1177	22323.	1178	22613.	1179	22896.
1180	23183.	1181	23484.	1182	23786.	1183	24088.	1184	24394.
1185	24709.	1186	25036.	1187	25380.	1188	25745.	1189	26133.
1190	26540.	1191	26957.	1192	27377.	1193	27798.	1194	28222.
1195	28650.	1196	29088.	1197	29532.	1198	29962.	1199	30380.
1200	30792.	1201	31193.	1202	31592.	1203	31992.	1204	32402.
1205	32820.	1206	33232.	1207	33644.	1208	34060.	1209	34481.
1210	34910.	1211	35348.	1212	35801.	1213	36268.	1214	36742.
1215	37216.	1216	37690.	1217	38166.	1218	38644.	1219	39128.
1220	39625.	1221	40135.	1222	40649.	1223	41164.	1224	41683.
1225	42206.	1226	42733.	1227	43264.	1228	43798.	1229	44329.
1230	44846.	1231	45343.	1232	45821.	1233	46279.	1234	46718.
1235	47138.	1236	47542.	1237	47932.	1238	48307.	1239	48663.
1240	49000.	1241	49324.	1242	49641.	1243	49953.	1244	50265.
1245	50580.	1246	50899.	1247	51222.	1248	51548.	1249	51876.
1250	52206.	1251	52533.	1252	52846.	1253	53137.	1254	53402.

CALLEGUA. 990

1255	53637.	1256	53837.	1257	54000.	1258	54123.	1259	54204.
1260	54243.	1261	54241.	1262	54199.	1263	54118.	1264	54001.
1265	53850.	1266	53668.	1267	53458.	1268	53221.	1269	52960.
1270	52678.	1271	52378.	1272	52065.	1273	51743.	1274	51403.
1275	51048.	1276	50681.	1277	50304.	1278	49920.	1279	49532.
1280	49141.	1281	48751.	1282	48365.	1283	47987.	1284	47620.
1285	47263.	1286	46911.	1287	46564.	1288	46226.	1289	45897.
1290	45581.	1291	45279.	1292	44992.	1293	44721.	1294	44465.
1295	44226.	1296	44005.	1297	43801.	1298	43613.	1299	43441.
1300	43283.	1310	41860.	1320	39937.	1330	37195.	1340	34127.
1350	31150.	1360	28441.	1370	26038.	1380	23929.	1390	22094.
1400	20515.	1420	17902.	1440	15859.	1460	14180.	1500	11591.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SO. BR. ARR. CONEJO INFLOW TO DETENT. BSN. -TR. 4831 Q100P
 HYDROGRAPH AT 15031 2220C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	21.	200	27.	300	30.	400	31.
500	34.	600	36.	700	45.	800	49.	900	64.
1000	90.	1050	110.	1100	130.	1110	141.	1120	154.
1130	175.	1131	178.	1132	180.	1133	184.	1134	187.
1135	192.	1136	198.	1137	204.	1138	210.	1139	216.
1140	223.	1141	230.	1142	237.	1143	246.	1144	255.
1145	266.	1146	277.	1147	290.	1148	305.	1149	327.
1150	361.	1151	409.	1152	473.	1153	557.	1154	649.
1155	737.	1156	807.	1157	851.	1158	868.	1159	858.
1160	817.	1161	738.	1162	640.	1163	547.	1164	470.
1165	409.	1166	363.	1167	326.	1168	296.	1169	272.
1170	251.	1171	234.	1172	219.	1173	205.	1174	192.
1175	181.	1176	170.	1177	160.	1178	151.	1179	145.
1180	139.	1181	133.	1182	129.	1183	125.	1184	122.
1185	119.	1186	117.	1187	114.	1188	112.	1189	112.
1190	112.	1191	113.	1192	115.	1193	117.	1194	118.
1195	119.	1196	120.	1197	121.	1198	121.	1199	121.
1200	119.	1201	117.	1202	114.	1203	111.	1204	108.
1205	105.	1206	103.	1207	102.	1208	100.	1209	99.
1210	98.	1211	96.	1212	95.	1213	95.	1214	94.
1215	93.	1216	93.	1217	93.	1218	92.	1219	92.
1220	91.	1221	91.	1222	90.	1223	90.	1224	90.
1225	90.	1226	89.	1227	89.	1228	89.	1229	89.
1230	89.	1231	89.	1232	89.	1233	88.	1234	88.
1235	87.	1236	87.	1237	86.	1238	86.	1239	85.
1240	84.	1241	83.	1242	82.	1243	81.	1244	80.
1245	79.	1246	79.	1247	78.	1248	78.	1249	78.
1250	77.	1251	77.	1252	77.	1253	77.	1254	77.
1255	77.	1256	77.	1257	77.	1258	77.	1259	77.
1260	77.	1261	77.	1262	77.	1263	76.	1264	76.
1265	75.	1266	74.	1267	74.	1268	73.	1269	72.
1270	70.	1271	69.	1272	68.	1273	67.	1274	65.
1275	64.	1276	64.	1277	63.	1278	62.	1279	62.
1280	62.	1281	61.	1282	61.	1283	61.	1284	61.
1285	61.	1286	61.	1287	61.	1288	61.	1289	61.
1290	61.	1291	61.	1292	61.	1293	61.	1294	61.
1295	61.	1296	61.	1297	61.	1298	61.	1299	61.
1300	61.	1310	55.	1320	46.	1330	42.	1340	42.
1350	36.	1360	27.	1370	22.	1380	21.	1390	21.
1400	21.	1420	21.	1440	21.	1460	21.	1500	21.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SO. BR. ARR. CONEJO TRIB. FROM TR 4831 Q100P

HYDROGRAPH AT 15031 2246C				CALLEGUA. 990 STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	25.	200	30.	300	34.	400	36.
500	39.	600	42.	700	52.	800	58.	900	77.
1000	110.	1050	135.	1100	160.	1110	174.	1120	190.
1130	217.	1131	221.	1132	225.	1133	229.	1134	234.
1135	240.	1136	247.	1137	255.	1138	264.	1139	272.
1140	278.	1141	286.	1142	295.	1143	307.	1144	321.
1145	336.	1146	352.	1147	369.	1148	385.	1149	412.
1150	461.	1151	537.	1152	634.	1153	747.	1154	859.
1155	949.	1156	1007.	1157	1027.	1158	1014.	1159	986.
1160	938.	1161	864.	1162	770.	1163	668.	1164	578.
1165	503.	1166	444.	1167	397.	1168	360.	1169	330.
1170	305.	1171	285.	1172	267.	1173	251.	1174	237.
1175	224.	1176	212.	1177	200.	1178	190.	1179	180.
1180	172.	1181	165.	1182	158.	1183	153.	1184	149.
1185	146.	1186	144.	1187	142.	1188	140.	1189	140.
1190	140.	1191	142.	1192	144.	1193	146.	1194	148.
1195	148.	1196	147.	1197	146.	1198	145.	1199	144.
1200	143.	1201	141.	1202	139.	1203	136.	1204	133.
1205	130.	1206	127.	1207	125.	1208	123.	1209	121.
1210	120.	1211	118.	1212	117.	1213	116.	1214	115.
1215	114.	1216	114.	1217	113.	1218	112.	1219	112.
1220	111.	1221	111.	1222	111.	1223	110.	1224	110.
1225	110.	1226	109.	1227	109.	1228	109.	1229	109.
1230	109.	1231	109.	1232	108.	1233	108.	1234	107.
1235	106.	1236	105.	1237	104.	1238	103.	1239	102.
1240	101.	1241	100.	1242	99.	1243	98.	1244	97.
1245	96.	1246	96.	1247	95.	1248	95.	1249	94.
1250	94.	1251	94.	1252	94.	1253	94.	1254	94.
1255	94.	1256	94.	1257	93.	1258	93.	1259	94.
1260	93.	1261	93.	1262	93.	1263	92.	1264	91.
1265	90.	1266	89.	1267	88.	1268	87.	1269	85.
1270	84.	1271	83.	1272	82.	1273	80.	1274	79.
1275	78.	1276	77.	1277	76.	1278	75.	1279	75.
1280	74.	1281	74.	1282	74.	1283	74.	1284	73.
1285	73.	1286	73.	1287	73.	1288	73.	1289	73.
1290	73.	1291	73.	1292	73.	1293	73.	1294	73.
1295	73.	1296	73.	1297	73.	1298	73.	1299	73.
1300	73.	1310	65.	1320	54.	1330	50.	1340	49.
1350	42.	1360	32.	1370	26.	1380	25.	1390	25.
1400	25.	1420	25.	1440	25.	1460	25.	1500	25.

HYDROGRAPH AT 15031 2275C				MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952 SO. BR. ARR. CONEJO POTRERO INFLOW TO BASIN AREA Q100P STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	28.	200	35.	300	40.	400	42.
500	45.	600	48.	700	61.	800	68.	900	90.
1000	129.	1050	158.	1100	187.	1110	205.	1120	223.
1130	256.	1131	261.	1132	265.	1133	270.	1134	276.
1135	283.	1136	293.	1137	303.	1138	314.	1139	322.
1140	330.	1141	338.	1142	349.	1143	364.	1144	382.
1145	402.	1146	423.	1147	442.	1148	461.	1149	499.
1150	570.	1151	675.	1152	806.	1153	954.	1154	1084.
1155	1171.	1156	1209.	1157	1194.	1158	1145.	1159	1081.
1160	1015.	1161	928.	1162	828.	1163	721.	1164	626.
1165	546.	1166	484.	1167	435.	1168	396.	1169	364.
1170	338.	1171	317.	1172	298.	1173	282.	1174	267.

CALLEGUA. 990

1175	254.	1176	241.	1177	229.	1178	217.	1179	206.
1180	196.	1181	188.	1182	181.	1183	175.	1184	171.
1185	168.	1186	166.	1187	165.	1188	164.	1189	164.
1190	166.	1191	168.	1192	170.	1193	173.	1194	174.
1195	173.	1196	171.	1197	168.	1198	166.	1199	165.
1200	163.	1201	161.	1202	159.	1203	156.	1204	153.
1205	150.	1206	147.	1207	144.	1208	142.	1209	140.
1210	139.	1211	137.	1212	136.	1213	135.	1214	134.
1215	133.	1216	132.	1217	131.	1218	131.	1219	130.
1220	129.	1221	129.	1222	129.	1223	128.	1224	128.
1225	128.	1226	127.	1227	127.	1228	127.	1229	127.
1230	127.	1231	127.	1232	126.	1233	125.	1234	124.
1235	123.	1236	122.	1237	120.	1238	119.	1239	118.
1240	117.	1241	116.	1242	115.	1243	114.	1244	113.
1245	112.	1246	111.	1247	111.	1248	110.	1249	110.
1250	110.	1251	109.	1252	109.	1253	109.	1254	109.
1255	109.	1256	109.	1257	109.	1258	109.	1259	109.
1260	109.	1261	109.	1262	108.	1263	107.	1264	106.
1265	104.	1266	102.	1267	101.	1268	99.	1269	98.
1270	97.	1271	95.	1272	94.	1273	93.	1274	91.
1275	90.	1276	89.	1277	88.	1278	88.	1279	87.
1280	87.	1281	86.	1282	86.	1283	86.	1284	86.
1285	85.	1286	85.	1287	86.	1288	85.	1289	85.
1290	85.	1291	86.	1292	85.	1293	85.	1294	85.
1295	85.	1296	85.	1297	85.	1298	85.	1299	85.
1300	85.	1310	74.	1320	61.	1330	58.	1340	57.
1350	47.	1360	36.	1370	30.	1380	28.	1390	28.
1400	28.	1420	28.	1440	28.	1460	28.	1500	28.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SO. BR. ARR. CON. OUTFLOW HYDRO. FRM. POTRERO BSN (AR=0. 974, Y=6. 2") Q100

HYDROGRAPH AT 15031 2277F STORM DAY 4 REDUCTION FACTOR = 1. 000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	9.	200	29.	300	37.	400	41.
500	43.	600	47.	700	54.	800	66.	900	80.
1000	113.	1050	149.	1100	186.	1110	200.	1120	210.
1130	215.	1131	216.	1132	217.	1133	218.	1134	218.
1135	219.	1136	220.	1137	221.	1138	223.	1139	224.
1140	225.	1141	227.	1142	228.	1143	230.	1144	232.
1145	234.	1146	236.	1147	237.	1148	239.	1149	240.
1150	243.	1151	245.	1152	253.	1153	263.	1154	272.
1155	277.	1156	283.	1157	288.	1158	294.	1159	299.
1160	304.	1161	310.	1162	314.	1163	317.	1164	319.
1165	321.	1166	322.	1167	323.	1168	324.	1169	325.
1170	325.	1171	325.	1172	325.	1173	325.	1174	325.
1175	325.	1176	325.	1177	325.	1178	325.	1179	324.
1180	324.	1181	324.	1182	323.	1183	323.	1184	322.
1185	321.	1186	321.	1187	320.	1188	320.	1189	319.
1190	319.	1191	318.	1192	317.	1193	317.	1194	316.
1195	316.	1196	315.	1197	314.	1198	313.	1199	313.
1200	312.	1201	311.	1202	310.	1203	309.	1204	308.
1205	307.	1206	306.	1207	305.	1208	304.	1209	303.
1210	302.	1211	301.	1212	300.	1213	299.	1214	298.
1215	297.	1216	297.	1217	296.	1218	295.	1219	294.
1220	293.	1221	292.	1222	292.	1223	291.	1224	290.
1225	289.	1226	288.	1227	288.	1228	287.	1229	286.
1230	285.	1231	284.	1232	283.	1233	283.	1234	282.
1235	281.	1236	280.	1237	279.	1238	279.	1239	278.
1240	277.	1241	276.	1242	275.	1243	274.	1244	274.
1245	273.	1246	272.	1247	271.	1248	270.	1249	268.

CALLEGUA. 990									
1250	266.	1251	264.	1252	262.	1253	260.	1254	258.
1255	256.	1256	254.	1257	252.	1258	250.	1259	249.
1260	247.	1261	245.	1262	244.	1263	244.	1264	243.
1265	242.	1266	241.	1267	241.	1268	240.	1269	239.
1270	238.	1271	238.	1272	237.	1273	236.	1274	235.
1275	234.	1276	233.	1277	232.	1278	231.	1279	229.
1280	228.	1281	227.	1282	226.	1283	225.	1284	224.
1285	223.	1286	222.	1287	221.	1288	220.	1289	219.
1290	218.	1291	217.	1292	216.	1293	215.	1294	214.
1295	213.	1296	212.	1297	211.	1298	210.	1299	207.
1300	204.	1310	168.	1320	136.	1330	112.	1340	95.
1350	84.	1360	75.	1370	65.	1380	57.	1390	51.
1400	47.	1420	42.	1440	39.	1460	37.	1500	35.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 SO. BR. ARR. CON. EAST TRIB. PRIOR TO JCT. W/MAIN CHL. Q100P
 HYDROGRAPH AT 15031 2299C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	12.	200	18.	300	27.	400	32.
500	36.	600	42.	700	57.	800	71.	900	98.
1000	157.	1050	199.	1100	247.	1110	264.	1120	281.
1130	316.	1131	320.	1132	324.	1133	329.	1134	334.
1135	340.	1136	347.	1137	353.	1138	358.	1139	363.
1140	369.	1141	377.	1142	387.	1143	398.	1144	409.
1145	420.	1146	433.	1147	446.	1148	459.	1149	489.
1150	531.	1151	584.	1152	638.	1153	692.	1154	728.
1155	756.	1156	777.	1157	801.	1158	829.	1159	856.
1160	869.	1161	870.	1162	868.	1163	865.	1164	864.
1165	855.	1166	854.	1167	852.	1168	846.	1169	836.
1170	843.	1171	850.	1172	858.	1173	860.	1174	859.
1175	855.	1176	848.	1177	836.	1178	821.	1179	803.
1180	782.	1181	759.	1182	735.	1183	713.	1184	689.
1185	664.	1186	639.	1187	612.	1188	585.	1189	561.
1190	540.	1191	518.	1192	497.	1193	475.	1194	455.
1195	437.	1196	421.	1197	408.	1198	395.	1199	382.
1200	370.	1201	359.	1202	347.	1203	336.	1204	325.
1205	313.	1206	302.	1207	294.	1208	285.	1209	277.
1210	270.	1211	263.	1212	257.	1213	252.	1214	246.
1215	242.	1216	237.	1217	233.	1218	230.	1219	226.
1220	223.	1221	221.	1222	218.	1223	215.	1224	213.
1225	211.	1226	209.	1227	207.	1228	204.	1229	202.
1230	201.	1231	199.	1232	196.	1233	194.	1234	192.
1235	190.	1236	187.	1237	185.	1238	184.	1239	182.
1240	180.	1241	178.	1242	176.	1243	175.	1244	173.
1245	171.	1246	170.	1247	169.	1248	168.	1249	166.
1250	165.	1251	164.	1252	163.	1253	162.	1254	161.
1255	160.	1256	159.	1257	158.	1258	157.	1259	156.
1260	156.	1261	154.	1262	153.	1263	152.	1264	150.
1265	148.	1266	147.	1267	145.	1268	144.	1269	142.
1270	141.	1271	139.	1272	138.	1273	137.	1274	136.
1275	135.	1276	134.	1277	133.	1278	132.	1279	131.
1280	130.	1281	130.	1282	128.	1283	127.	1284	127.
1285	126.	1286	125.	1287	124.	1288	124.	1289	123.
1290	122.	1291	121.	1292	120.	1293	120.	1294	119.
1295	118.	1296	117.	1297	117.	1298	116.	1299	115.
1300	114.	1310	103.	1320	93.	1330	85.	1340	77.
1350	68.	1360	59.	1370	49.	1380	42.	1390	35.
1400	29.	1420	20.	1440	14.	1460	12.	1500	12.

CALLEGUA. 990
 SO. BR. ARR. CON. EAST & WEST COMBINE 50% YIELD 5. 25" & AR Q100P
 HYDROGRAPH AT 15031 2300B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	21.	200	27.	300	39.	400	47.
500	55.	600	67.	700	96.	800	130.	900	192.
1000	313.	1050	400.	1100	502.	1110	534.	1120	566.
1130	623.	1131	631.	1132	637.	1133	646.	1134	654.
1135	663.	1136	673.	1137	682.	1138	691.	1139	699.
1140	708.	1141	722.	1142	739.	1143	755.	1144	773.
1145	790.	1146	809.	1147	828.	1148	848.	1149	899.
1150	965.	1151	1041.	1152	1120.	1153	1198.	1154	1246.
1155	1283.	1156	1318.	1157	1356.	1158	1403.	1159	1446.
1160	1476.	1161	1494.	1162	1493.	1163	1486.	1164	1483.
1165	1469.	1166	1465.	1167	1472.	1168	1481.	1169	1482.
1170	1501.	1171	1517.	1172	1533.	1173	1543.	1174	1549.
1175	1554.	1176	1557.	1177	1556.	1178	1552.	1179	1543.
1180	1529.	1181	1512.	1182	1493.	1183	1475.	1184	1452.
1185	1428.	1186	1400.	1187	1371.	1188	1340.	1189	1311.
1190	1285.	1191	1255.	1192	1225.	1193	1195.	1194	1165.
1195	1136.	1196	1110.	1197	1085.	1198	1062.	1199	1038.
1200	1016.	1201	995.	1202	973.	1203	950.	1204	930.
1205	909.	1206	889.	1207	872.	1208	855.	1209	839.
1210	823.	1211	808.	1212	794.	1213	781.	1214	767.
1215	755.	1216	744.	1217	733.	1218	722.	1219	712.
1220	703.	1221	694.	1222	686.	1223	677.	1224	669.
1225	661.	1226	653.	1227	645.	1228	637.	1229	630.
1230	622.	1231	615.	1232	607.	1233	599.	1234	592.
1235	584.	1236	577.	1237	570.	1238	563.	1239	556.
1240	549.	1241	542.	1242	535.	1243	529.	1244	522.
1245	516.	1246	510.	1247	504.	1248	499.	1249	493.
1250	488.	1251	483.	1252	479.	1253	473.	1254	469.
1255	464.	1256	459.	1257	455.	1258	450.	1259	446.
1260	441.	1261	436.	1262	431.	1263	426.	1264	421.
1265	416.	1266	411.	1267	406.	1268	401.	1269	396.
1270	391.	1271	387.	1272	382.	1273	378.	1274	374.
1275	371.	1276	367.	1277	363.	1278	360.	1279	356.
1280	353.	1281	349.	1282	346.	1283	342.	1284	339.
1285	336.	1286	333.	1287	330.	1288	327.	1289	324.
1290	321.	1291	318.	1292	316.	1293	313.	1294	311.
1295	308.	1296	306.	1297	303.	1298	301.	1299	298.
1300	296.	1310	265.	1320	238.	1330	216.	1340	195.
1350	174.	1360	152.	1370	132.	1380	116.	1390	101.
1400	88.	1420	67.	1440	51.	1460	41.	1500	31.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 SO. BR. ARR. CON. EAST, WEST, AND POTRERO BSN. OUTFLOW COMB. Q100P
 HYDROGRAPH AT 15031 2301B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	32.	200	58.	300	85.	400	98.
500	114.	600	134.	700	177.	800	234.	900	331.
1000	522.	1050	675.	1100	881.	1110	935.	1120	994.
1130	1070.	1131	1078.	1132	1086.	1133	1095.	1134	1104.
1135	1113.	1136	1122.	1137	1131.	1138	1140.	1139	1148.
1140	1157.	1141	1169.	1142	1181.	1143	1193.	1144	1206.
1145	1219.	1146	1232.	1147	1245.	1148	1259.	1149	1286.
1150	1321.	1151	1359.	1152	1398.	1153	1435.	1154	1459.
1155	1478.	1156	1496.	1157	1514.	1158	1536.	1159	1557.
1160	1572.	1161	1582.	1162	1585.	1163	1587.	1164	1590.
1165	1590.	1166	1593.	1167	1600.	1168	1609.	1169	1614.

CALLEGUA. 990

1170	1626.	1171	1636.	1172	1647.	1173	1655.	1174	1662.
1175	1667.	1176	1672.	1177	1674.	1178	1676.	1179	1675.
1180	1672.	1181	1668.	1182	1663.	1183	1658.	1184	1651.
1185	1642.	1186	1632.	1187	1621.	1188	1609.	1189	1597.
1190	1586.	1191	1573.	1192	1559.	1193	1546.	1194	1531.
1195	1517.	1196	1504.	1197	1491.	1198	1479.	1199	1466.
1200	1453.	1201	1441.	1202	1428.	1203	1415.	1204	1402.
1205	1389.	1206	1377.	1207	1365.	1208	1354.	1209	1342.
1210	1331.	1211	1320.	1212	1309.	1213	1299.	1214	1288.
1215	1278.	1216	1269.	1217	1259.	1218	1250.	1219	1240.
1220	1231.	1221	1223.	1222	1215.	1223	1206.	1224	1198.
1225	1190.	1226	1181.	1227	1173.	1228	1165.	1229	1157.
1230	1149.	1231	1141.	1232	1133.	1233	1125.	1234	1117.
1235	1109.	1236	1101.	1237	1094.	1238	1086.	1239	1079.
1240	1071.	1241	1063.	1242	1055.	1243	1048.	1244	1041.
1245	1034.	1246	1027.	1247	1019.	1248	1013.	1249	1006.
1250	999.	1251	993.	1252	987.	1253	980.	1254	974.
1255	968.	1256	962.	1257	956.	1258	950.	1259	943.
1260	937.	1261	930.	1262	923.	1263	916.	1264	909.
1265	902.	1266	895.	1267	888.	1268	881.	1269	874.
1270	868.	1271	861.	1272	855.	1273	848.	1274	842.
1275	837.	1276	831.	1277	825.	1278	820.	1279	814.
1280	809.	1281	804.	1282	798.	1283	793.	1284	788.
1285	783.	1286	778.	1287	773.	1288	768.	1289	763.
1290	758.	1291	754.	1292	749.	1293	744.	1294	740.
1295	735.	1296	731.	1297	726.	1298	722.	1299	717.
1300	713.	1310	662.	1320	605.	1330	547.	1340	494.
1350	446.	1360	403.	1370	366.	1380	335.	1390	307.
1400	282.	1420	242.	1440	210.	1460	188.	1500	159.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SO. BR. ARR. CON. ALONG REINO RD. PRIOR TO KIMBER BSN(OLD 64A) Q100P
 HYDROGRAPH AT 15031 2305B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	32.	200	53.	300	84.	400	96.
500	113.	600	132.	700	173.	800	230.	900	323.
1000	509.	1050	657.	1100	860.	1110	907.	1120	966.
1130	1035.	1131	1042.	1132	1050.	1133	1058.	1134	1066.
1135	1074.	1136	1082.	1137	1090.	1138	1099.	1139	1108.
1140	1117.	1141	1126.	1142	1135.	1143	1144.	1144	1153.
1145	1164.	1146	1175.	1147	1187.	1148	1199.	1149	1212.
1150	1225.	1151	1240.	1152	1258.	1153	1280.	1154	1309.
1155	1342.	1156	1380.	1157	1415.	1158	1445.	1159	1469.
1160	1490.	1161	1510.	1162	1530.	1163	1548.	1164	1564.
1165	1575.	1166	1582.	1167	1586.	1168	1589.	1169	1591.
1170	1595.	1171	1601.	1172	1608.	1173	1616.	1174	1625.
1175	1635.	1176	1644.	1177	1652.	1178	1659.	1179	1665.
1180	1669.	1181	1672.	1182	1673.	1183	1673.	1184	1671.
1185	1668.	1186	1663.	1187	1657.	1188	1650.	1189	1642.
1190	1632.	1191	1622.	1192	1610.	1193	1599.	1194	1587.
1195	1574.	1196	1561.	1197	1548.	1198	1535.	1199	1522.
1200	1508.	1201	1495.	1202	1482.	1203	1470.	1204	1457.
1205	1444.	1206	1431.	1207	1419.	1208	1406.	1209	1393.
1210	1381.	1211	1370.	1212	1359.	1213	1348.	1214	1337.
1215	1326.	1216	1315.	1217	1305.	1218	1294.	1219	1284.
1220	1274.	1221	1265.	1222	1255.	1223	1246.	1224	1237.
1225	1228.	1226	1219.	1227	1211.	1228	1202.	1229	1194.
1230	1186.	1231	1178.	1232	1170.	1233	1162.	1234	1154.
1235	1146.	1236	1138.	1237	1130.	1238	1122.	1239	1114.
1240	1106.	1241	1098.	1242	1090.	1243	1083.	1244	1075.

CALLEGUA. 990									
1245	1067.	1246	1060.	1247	1052.	1248	1045.	1249	1038.
1250	1031.	1251	1024.	1252	1017.	1253	1010.	1254	1003.
1255	997.	1256	991.	1257	985.	1258	979.	1259	973.
1260	967.	1261	961.	1262	955.	1263	949.	1264	942.
1265	936.	1266	929.	1267	923.	1268	917.	1269	910.
1270	903.	1271	896.	1272	889.	1273	882.	1274	876.
1275	869.	1276	862.	1277	855.	1278	849.	1279	843.
1280	837.	1281	832.	1282	826.	1283	821.	1284	815.
1285	810.	1286	804.	1287	799.	1288	794.	1289	789.
1290	784.	1291	779.	1292	774.	1293	769.	1294	764.
1295	759.	1296	755.	1297	750.	1298	745.	1299	741.
1300	736.	1310	689.	1320	636.	1330	579.	1340	524.
1350	476.	1360	430.	1370	390.	1380	355.	1390	325.
1400	300.	1420	255.	1440	222.	1460	196.	1500	165.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 NEWBURY PARK DRN. #3 PRIOR TO JCT. W/SO. BR. ARR. CON. Q100P
 HYDROGRAPH AT 15031 2332C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	110.	200	132.	300	146.	400	152.
500	164.	600	171.	700	203.	800	221.	900	276.
1000	371.	1050	439.	1100	511.	1110	543.	1120	581.
1130	656.	1131	664.	1132	671.	1133	682.	1134	694.
1135	708.	1136	723.	1137	738.	1138	752.	1139	768.
1140	785.	1141	804.	1142	826.	1143	849.	1144	874.
1145	904.	1146	936.	1147	971.	1148	1006.	1149	1086.
1150	1183.	1151	1298.	1152	1433.	1153	1594.	1154	1734.
1155	1886.	1156	2035.	1157	2131.	1158	2211.	1159	2266.
1160	2292.	1161	2296.	1162	2316.	1163	2301.	1164	2252.
1165	2166.	1166	2051.	1167	1918.	1168	1777.	1169	1632.
1170	1493.	1171	1358.	1172	1232.	1173	1118.	1174	1015.
1175	925.	1176	846.	1177	783.	1178	729.	1179	682.
1180	643.	1181	612.	1182	588.	1183	568.	1184	551.
1185	536.	1186	526.	1187	516.	1188	507.	1189	502.
1190	498.	1191	491.	1192	485.	1193	480.	1194	476.
1195	473.	1196	470.	1197	464.	1198	459.	1199	459.
1200	460.	1201	459.	1202	459.	1203	458.	1204	456.
1205	453.	1206	449.	1207	445.	1208	441.	1209	436.
1210	431.	1211	427.	1212	422.	1213	417.	1214	411.
1215	406.	1216	402.	1217	398.	1218	393.	1219	390.
1220	387.	1221	385.	1222	383.	1223	381.	1224	379.
1225	378.	1226	377.	1227	375.	1228	374.	1229	373.
1230	372.	1231	372.	1232	369.	1233	368.	1234	367.
1235	365.	1236	364.	1237	362.	1238	360.	1239	359.
1240	358.	1241	356.	1242	354.	1243	353.	1244	350.
1245	348.	1246	346.	1247	343.	1248	341.	1249	340.
1250	337.	1251	335.	1252	334.	1253	332.	1254	330.
1255	330.	1256	328.	1257	327.	1258	327.	1259	326.
1260	326.	1261	325.	1262	324.	1263	322.	1264	321.
1265	319.	1266	317.	1267	316.	1268	314.	1269	313.
1270	311.	1271	309.	1272	307.	1273	305.	1274	302.
1275	299.	1276	296.	1277	293.	1278	290.	1279	287.
1280	284.	1281	282.	1282	279.	1283	277.	1284	275.
1285	273.	1286	272.	1287	271.	1288	270.	1289	269.
1290	268.	1291	267.	1292	267.	1293	267.	1294	267.
1295	266.	1296	266.	1297	266.	1298	266.	1299	266.
1300	266.	1310	247.	1320	222.	1330	203.	1340	195.
1350	170.	1360	143.	1370	122.	1380	111.	1390	109.
1400	109.	1420	99.	1440	99.	1460	95.	1500	95.

CALLEGUA. 990
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 SO. BR. ARR. CON. PRIOR TO PROPOSED 2000 CFS SPLIT Q100 , W/NO R. F.
 HYDROGRAPH AT 15031 2334B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	140.	200	183.	300	228.	400	247.
500	277.	600	304.	700	378.	800	457.	900	611.
1000	905.	1050	1137.	1100	1446.	1110	1535.	1120	1643.
1130	1794.	1131	1812.	1132	1828.	1133	1845.	1134	1865.
1135	1887.	1136	1909.	1137	1933.	1138	1957.	1139	1981.
1140	2006.	1141	2033.	1142	2064.	1143	2096.	1144	2129.
1145	2164.	1146	2204.	1147	2247.	1148	2292.	1149	2358.
1150	2456.	1151	2575.	1152	2712.	1153	2869.	1154	3030.
1155	3180.	1156	3331.	1157	3466.	1158	3555.	1159	3609.
1160	3637.	1161	3647.	1162	3647.	1163	3652.	1164	3643.
1165	3605.	1166	3539.	1167	3450.	1168	3350.	1169	3243.
1170	3138.	1171	3035.	1172	2940.	1173	2852.	1174	2772.
1175	2703.	1176	2641.	1177	2586.	1178	2542.	1179	2503.
1180	2468.	1181	2436.	1182	2410.	1183	2387.	1184	2367.
1185	2348.	1186	2329.	1187	2312.	1188	2295.	1189	2279.
1190	2264.	1191	2249.	1192	2231.	1193	2212.	1194	2194.
1195	2175.	1196	2157.	1197	2139.	1198	2119.	1199	2099.
1200	2081.	1201	2066.	1202	2051.	1203	2036.	1204	2021.
1205	2005.	1206	1988.	1207	1971.	1208	1953.	1209	1935.
1210	1918.	1211	1901.	1212	1884.	1213	1868.	1214	1851.
1215	1835.	1216	1818.	1217	1803.	1218	1788.	1219	1773.
1220	1759.	1221	1745.	1222	1733.	1223	1720.	1224	1708.
1225	1697.	1226	1686.	1227	1675.	1228	1665.	1229	1654.
1230	1644.	1231	1634.	1232	1624.	1233	1613.	1234	1602.
1235	1592.	1236	1582.	1237	1571.	1238	1560.	1239	1549.
1240	1539.	1241	1530.	1242	1520.	1243	1510.	1244	1500.
1245	1490.	1246	1479.	1247	1469.	1248	1459.	1249	1449.
1250	1439.	1251	1430.	1252	1420.	1253	1411.	1254	1403.
1255	1394.	1256	1386.	1257	1378.	1258	1371.	1259	1364.
1260	1357.	1261	1349.	1262	1342.	1263	1333.	1264	1325.
1265	1316.	1266	1307.	1267	1299.	1268	1290.	1269	1281.
1270	1271.	1271	1263.	1272	1254.	1273	1244.	1274	1235.
1275	1225.	1276	1216.	1277	1206.	1278	1196.	1279	1187.
1280	1179.	1281	1170.	1282	1161.	1283	1153.	1284	1146.
1285	1138.	1286	1130.	1287	1124.	1288	1117.	1289	1110.
1290	1104.	1291	1098.	1292	1092.	1293	1086.	1294	1080.
1295	1075.	1296	1070.	1297	1064.	1298	1059.	1299	1054.
1300	1049.	1310	980.	1320	901.	1330	825.	1340	758.
1350	683.	1360	609.	1370	550.	1380	500.	1390	467.
1400	440.	1420	392.	1440	356.	1460	328.	1500	293.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 SO. BR. ARR. CON. 2200CFS SPLIT FLOW AT REINO RD BYPASS Q100P
 HYDROGRAPH AT 15031 2336B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	140.	200	183.	300	228.	400	247.
500	277.	600	304.	700	378.	800	457.	900	611.
1000	905.	1050	1137.	1100	1446.	1110	1535.	1120	1643.
1130	1794.	1131	1812.	1132	1828.	1133	1845.	1134	1865.
1135	1887.	1136	1909.	1137	1933.	1138	1957.	1139	1981.
1140	2006.	1141	2033.	1142	2064.	1143	2096.	1144	2129.
1145	2164.	1146	2200.	1147	2200.	1148	2200.	1149	2200.
1150	2200.	1151	2200.	1152	2200.	1153	2200.	1154	2200.
1155	2200.	1156	2200.	1157	2200.	1158	2200.	1159	2200.
1160	2200.	1161	2200.	1162	2200.	1163	2200.	1164	2200.

CALLEGUA. 990

1165	2200.	1166	2200.	1167	2200.	1168	2200.	1169	2200.
1170	2200.	1171	2200.	1172	2200.	1173	2200.	1174	2200.
1175	2200.	1176	2200.	1177	2200.	1178	2200.	1179	2200.
1180	2200.	1181	2200.	1182	2200.	1183	2200.	1184	2200.
1185	2200.	1186	2200.	1187	2200.	1188	2200.	1189	2200.
1190	2200.	1191	2200.	1192	2200.	1193	2200.	1194	2194.
1195	2175.	1196	2157.	1197	2139.	1198	2119.	1199	2099.
1200	2081.	1201	2066.	1202	2051.	1203	2036.	1204	2021.
1205	2005.	1206	1988.	1207	1971.	1208	1953.	1209	1935.
1210	1918.	1211	1901.	1212	1884.	1213	1868.	1214	1851.
1215	1835.	1216	1818.	1217	1803.	1218	1788.	1219	1773.
1220	1759.	1221	1745.	1222	1733.	1223	1720.	1224	1708.
1225	1697.	1226	1686.	1227	1675.	1228	1665.	1229	1654.
1230	1644.	1231	1634.	1232	1624.	1233	1613.	1234	1602.
1235	1592.	1236	1582.	1237	1571.	1238	1560.	1239	1549.
1240	1539.	1241	1530.	1242	1520.	1243	1510.	1244	1500.
1245	1490.	1246	1479.	1247	1469.	1248	1459.	1249	1449.
1250	1439.	1251	1430.	1252	1420.	1253	1411.	1254	1403.
1255	1394.	1256	1386.	1257	1378.	1258	1371.	1259	1364.
1260	1357.	1261	1349.	1262	1342.	1263	1333.	1264	1325.
1265	1316.	1266	1307.	1267	1299.	1268	1290.	1269	1281.
1270	1271.	1271	1263.	1272	1254.	1273	1244.	1274	1235.
1275	1225.	1276	1216.	1277	1206.	1278	1196.	1279	1187.
1280	1179.	1281	1170.	1282	1161.	1283	1153.	1284	1146.
1285	1138.	1286	1130.	1287	1124.	1288	1117.	1289	1110.
1290	1104.	1291	1098.	1292	1092.	1293	1086.	1294	1080.
1295	1075.	1296	1070.	1297	1064.	1298	1059.	1299	1054.
1300	1049.	1310	980.	1320	901.	1330	825.	1340	758.
1350	683.	1360	609.	1370	550.	1380	500.	1390	467.
1400	440.	1420	392.	1440	356.	1460	328.	1500	293.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SO. BR. ARR CON. BEFORE CONFLUENCE WITH CONEJO MTN. CR. Q100P
 HYDROGRAPH AT 15031 2340B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	141.	200	180.	300	228.	400	247.
500	277.	600	305.	700	376.	800	458.	900	606.
1000	899.	1050	1125.	1100	1434.	1110	1515.	1120	1617.
1130	1757.	1131	1772.	1132	1788.	1133	1805.	1134	1822.
1135	1840.	1136	1858.	1137	1878.	1138	1899.	1139	1922.
1140	1945.	1141	1971.	1142	1997.	1143	2023.	1144	2052.
1145	2083.	1146	2115.	1147	2150.	1148	2183.	1149	2216.
1150	2239.	1151	2255.	1152	2268.	1153	2279.	1154	2280.
1155	2281.	1156	2280.	1157	2278.	1158	2277.	1159	2266.
1160	2255.	1161	2244.	1162	2232.	1163	2222.	1164	2220.
1165	2217.	1166	2216.	1167	2215.	1168	2214.	1169	2214.
1170	2214.	1171	2213.	1172	2213.	1173	2213.	1174	2212.
1175	2212.	1176	2212.	1177	2212.	1178	2211.	1179	2211.
1180	2210.	1181	2210.	1182	2210.	1183	2210.	1184	2210.
1185	2210.	1186	2225.	1187	2276.	1188	2326.	1189	2346.
1190	2349.	1191	2343.	1192	2333.	1193	2320.	1194	2306.
1195	2290.	1196	2270.	1197	2244.	1198	2215.	1199	2186.
1200	2160.	1201	2138.	1202	2118.	1203	2099.	1204	2083.
1205	2067.	1206	2051.	1207	2035.	1208	2019.	1209	2003.
1210	1986.	1211	1969.	1212	1951.	1213	1934.	1214	1917.
1215	1901.	1216	1884.	1217	1868.	1218	1851.	1219	1835.
1220	1819.	1221	1804.	1222	1790.	1223	1775.	1224	1762.
1225	1749.	1226	1736.	1227	1724.	1228	1713.	1229	1701.
1230	1690.	1231	1679.	1232	1669.	1233	1658.	1234	1648.
1235	1637.	1236	1627.	1237	1617.	1238	1606.	1239	1596.

CALLEGUA. 990

1240	1585.	1241	1574.	1242	1564.	1243	1554.	1244	1544.
1245	1534.	1246	1524.	1247	1514.	1248	1504.	1249	1494.
1250	1484.	1251	1474.	1252	1464.	1253	1454.	1254	1445.
1255	1435.	1256	1426.	1257	1418.	1258	1409.	1259	1401.
1260	1393.	1261	1385.	1262	1377.	1263	1370.	1264	1362.
1265	1354.	1266	1346.	1267	1338.	1268	1330.	1269	1321.
1270	1312.	1271	1303.	1272	1294.	1273	1285.	1274	1276.
1275	1268.	1276	1258.	1277	1249.	1278	1240.	1279	1230.
1280	1221.	1281	1211.	1282	1202.	1283	1193.	1284	1184.
1285	1176.	1286	1167.	1287	1159.	1288	1151.	1289	1144.
1290	1137.	1291	1130.	1292	1123.	1293	1117.	1294	1111.
1295	1105.	1296	1099.	1297	1093.	1298	1087.	1299	1082.
1300	1076.	1310	1013.	1320	938.	1330	863.	1340	793.
1350	719.	1360	646.	1370	580.	1380	527.	1390	486.
1400	455.	1420	406.	1440	367.	1460	337.	1500	298.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CON. MT. CK. INFLOW TO UPPER(#1)DAM, TR. 4963 REQUIRMT. Q10OP
 HYDROGRAPH AT 15031 2363C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	7.	200	7.	300	11.	400	12.
500	14.	600	17.	700	20.	800	23.	900	31.
1000	47.	1050	64.	1100	73.	1110	100.	1120	104.
1130	133.	1131	138.	1132	142.	1133	146.	1134	150.
1135	155.	1136	157.	1137	161.	1138	165.	1139	169.
1140	174.	1141	182.	1142	189.	1143	196.	1144	205.
1145	219.	1146	232.	1147	248.	1148	266.	1149	306.
1150	359.	1151	398.	1152	495.	1153	583.	1154	645.
1155	678.	1156	689.	1157	664.	1158	609.	1159	547.
1160	496.	1161	407.	1162	338.	1163	281.	1164	234.
1165	196.	1166	167.	1167	145.	1168	129.	1169	118.
1170	108.	1171	102.	1172	97.	1173	91.	1174	88.
1175	84.	1176	81.	1177	78.	1178	74.	1179	72.
1180	69.	1181	67.	1182	66.	1183	64.	1184	62.
1185	62.	1186	61.	1187	60.	1188	60.	1189	60.
1190	60.	1191	60.	1192	60.	1193	61.	1194	61.
1195	61.	1196	61.	1197	61.	1198	61.	1199	60.
1200	60.	1201	59.	1202	58.	1203	57.	1204	56.
1205	54.	1206	53.	1207	51.	1208	50.	1209	49.
1210	48.	1211	46.	1212	46.	1213	46.	1214	45.
1215	45.	1216	45.	1217	45.	1218	44.	1219	44.
1220	45.	1221	45.	1222	45.	1223	45.	1224	45.
1225	45.	1226	45.	1227	45.	1228	45.	1229	45.
1230	45.	1231	45.	1232	45.	1233	45.	1234	44.
1235	44.	1236	44.	1237	43.	1238	43.	1239	43.
1240	43.	1241	43.	1242	42.	1243	42.	1244	42.
1245	42.	1246	42.	1247	42.	1248	42.	1249	42.
1250	42.	1251	42.	1252	42.	1253	42.	1254	42.
1255	42.	1256	42.	1257	42.	1258	42.	1259	42.
1260	42.	1261	42.	1262	41.	1263	41.	1264	40.
1265	39.	1266	38.	1267	37.	1268	36.	1269	35.
1270	34.	1271	33.	1272	33.	1273	33.	1274	32.
1275	32.	1276	32.	1277	32.	1278	31.	1279	31.
1280	32.	1281	32.	1282	31.	1283	31.	1284	32.
1285	32.	1286	31.	1287	31.	1288	32.	1289	32.
1290	31.	1291	31.	1292	32.	1293	31.	1294	31.
1295	31.	1296	32.	1297	32.	1298	31.	1299	31.
1300	32.	1310	23.	1320	18.	1330	18.	1340	18.
1350	11.	1360	7.	1370	7.	1380	7.	1390	7.
1400	7.	1420	6.	1440	6.	1460	6.	1500	6.

CALLEGUA. 990

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CON. MT. CK. OUTFLOW FROM DAM #1, TR. 4963 Q-100P
 HYDROGRAPH AT 15031 2364C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	7.	300	10.	400	13.
500	14.	600	17.	700	20.	800	24.	900	31.
1000	47.	1050	67.	1100	89.	1110	102.	1120	121.
1130	136.	1131	137.	1132	137.	1133	138.	1134	139.
1135	139.	1136	140.	1137	141.	1138	142.	1139	143.
1140	144.	1141	145.	1142	146.	1143	147.	1144	149.
1145	150.	1146	151.	1147	152.	1148	153.	1149	154.
1150	155.	1151	157.	1152	158.	1153	161.	1154	163.
1155	166.	1156	169.	1157	172.	1158	174.	1159	176.
1160	177.	1161	178.	1162	179.	1163	180.	1164	180.
1165	180.	1166	181.	1167	181.	1168	181.	1169	181.
1170	181.	1171	181.	1172	181.	1173	180.	1174	180.
1175	180.	1176	180.	1177	180.	1178	179.	1179	179.
1180	179.	1181	179.	1182	179.	1183	178.	1184	178.
1185	178.	1186	178.	1187	177.	1188	177.	1189	177.
1190	176.	1191	176.	1192	176.	1193	176.	1194	175.
1195	175.	1196	175.	1197	174.	1198	174.	1199	174.
1200	173.	1201	173.	1202	172.	1203	172.	1204	171.
1205	171.	1206	171.	1207	170.	1208	170.	1209	169.
1210	169.	1211	168.	1212	168.	1213	167.	1214	167.
1215	166.	1216	166.	1217	165.	1218	165.	1219	164.
1220	164.	1221	164.	1222	163.	1223	163.	1224	162.
1225	162.	1226	161.	1227	160.	1228	160.	1229	159.
1230	159.	1231	158.	1232	158.	1233	157.	1234	157.
1235	156.	1236	156.	1237	155.	1238	155.	1239	154.
1240	154.	1241	153.	1242	152.	1243	152.	1244	151.
1245	151.	1246	150.	1247	149.	1248	148.	1249	147.
1250	146.	1251	145.	1252	144.	1253	143.	1254	142.
1255	140.	1256	139.	1257	138.	1258	137.	1259	136.
1260	132.	1261	127.	1262	122.	1263	117.	1264	112.
1265	108.	1266	104.	1267	100.	1268	97.	1269	93.
1270	90.	1271	87.	1272	85.	1273	82.	1274	80.
1275	78.	1276	76.	1277	74.	1278	72.	1279	71.
1280	69.	1281	68.	1282	66.	1283	65.	1284	64.
1285	63.	1286	62.	1287	61.	1288	60.	1289	59.
1290	58.	1291	57.	1292	57.	1293	56.	1294	55.
1295	55.	1296	54.	1297	54.	1298	53.	1299	53.
1300	52.	1310	48.	1320	41.	1330	36.	1340	33.
1350	30.	1360	25.	1370	21.	1380	19.	1390	17.
1400	16.	1420	15.	1440	14.	1460	13.	1500	12.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CON. MT. CR. INFLOW TO DAM #2, TR. 4963 Q-100P
 HYDROGRAPH AT 15031 2371C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	8.	300	12.	400	15.
500	17.	600	21.	700	25.	800	30.	900	39.
1000	59.	1050	84.	1100	112.	1110	131.	1120	150.
1130	175.	1131	178.	1132	179.	1133	181.	1134	182.
1135	184.	1136	185.	1137	187.	1138	189.	1139	191.
1140	194.	1141	197.	1142	199.	1143	202.	1144	206.
1145	210.	1146	215.	1147	220.	1148	225.	1149	236.
1150	252.	1151	260.	1152	285.	1153	306.	1154	315.
1155	321.	1156	321.	1157	304.	1158	288.	1159	280.

CALLEGUA. 990

1160	256.	1161	236.	1162	231.	1163	226.	1164	225.
1165	222.	1166	221.	1167	219.	1168	217.	1169	217.
1170	216.	1171	215.	1172	213.	1173	212.	1174	211.
1175	211.	1176	210.	1177	208.	1178	208.	1179	207.
1180	206.	1181	206.	1182	205.	1183	204.	1184	204.
1185	203.	1186	203.	1187	202.	1188	202.	1189	202.
1190	201.	1191	201.	1192	200.	1193	200.	1194	199.
1195	199.	1196	198.	1197	198.	1198	197.	1199	197.
1200	196.	1201	196.	1202	195.	1203	194.	1204	193.
1205	192.	1206	191.	1207	190.	1208	189.	1209	188.
1210	188.	1211	187.	1212	187.	1213	186.	1214	186.
1215	185.	1216	184.	1217	184.	1218	183.	1219	183.
1220	182.	1221	182.	1222	181.	1223	180.	1224	180.
1225	179.	1226	179.	1227	178.	1228	177.	1229	177.
1230	176.	1231	176.	1232	175.	1233	174.	1234	173.
1235	173.	1236	172.	1237	171.	1238	171.	1239	170.
1240	170.	1241	169.	1242	169.	1243	168.	1244	167.
1245	167.	1246	166.	1247	165.	1248	165.	1249	163.
1250	162.	1251	161.	1252	160.	1253	159.	1254	158.
1255	156.	1256	155.	1257	154.	1258	153.	1259	152.
1260	150.	1261	147.	1262	142.	1263	137.	1264	132.
1265	127.	1266	122.	1267	118.	1268	114.	1269	110.
1270	107.	1271	103.	1272	100.	1273	98.	1274	95.
1275	93.	1276	91.	1277	89.	1278	87.	1279	85.
1280	83.	1281	81.	1282	80.	1283	78.	1284	77.
1285	76.	1286	75.	1287	74.	1288	73.	1289	72.
1290	71.	1291	70.	1292	69.	1293	68.	1294	67.
1295	67.	1296	66.	1297	65.	1298	65.	1299	64.
1300	64.	1310	57.	1320	50.	1330	44.	1340	40.
1350	35.	1360	30.	1370	26.	1380	23.	1390	21.
1400	20.	1420	18.	1440	17.	1460	16.	1500	14.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CON. MT. CR. OUTFLOW FROM DAM #2 TR. 4963 Q-100P

HYDROGRAPH AT 15031 2372C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	6.	300	10.	400	13.
500	16.	600	19.	700	23.	800	27.	900	35.
1000	49.	1050	67.	1100	87.	1110	93.	1120	101.
1130	108.	1131	109.	1132	110.	1133	110.	1134	111.
1135	112.	1136	113.	1137	114.	1138	115.	1139	116.
1140	117.	1141	117.	1142	118.	1143	119.	1144	120.
1145	121.	1146	122.	1147	122.	1148	123.	1149	123.
1150	124.	1151	125.	1152	126.	1153	127.	1154	128.
1155	129.	1156	130.	1157	131.	1158	132.	1159	132.
1160	133.	1161	134.	1162	134.	1163	134.	1164	135.
1165	135.	1166	135.	1167	136.	1168	136.	1169	136.
1170	137.	1171	137.	1172	137.	1173	137.	1174	138.
1175	138.	1176	138.	1177	139.	1178	139.	1179	139.
1180	139.	1181	140.	1182	140.	1183	140.	1184	140.
1185	140.	1186	141.	1187	141.	1188	141.	1189	141.
1190	142.	1191	142.	1192	142.	1193	142.	1194	142.
1195	143.	1196	143.	1197	143.	1198	143.	1199	143.
1200	144.	1201	144.	1202	144.	1203	144.	1204	144.
1205	145.	1206	145.	1207	145.	1208	145.	1209	145.
1210	145.	1211	145.	1212	145.	1213	145.	1214	146.
1215	146.	1216	146.	1217	146.	1218	146.	1219	146.
1220	146.	1221	146.	1222	146.	1223	146.	1224	146.
1225	147.	1226	147.	1227	147.	1228	147.	1229	147.
1230	147.	1231	147.	1232	147.	1233	147.	1234	147.

CALLEGUA. 990

1235	147.	1236	147.	1237	147.	1238	147.	1239	147.
1240	147.	1241	148.	1242	148.	1243	148.	1244	148.
1245	148.	1246	148.	1247	148.	1248	148.	1249	148.
1250	148.	1251	148.	1252	148.	1253	148.	1254	148.
1255	148.	1256	148.	1257	148.	1258	148.	1259	148.
1260	148.	1261	148.	1262	148.	1263	148.	1264	148.
1265	148.	1266	148.	1267	148.	1268	148.	1269	148.
1270	148.	1271	148.	1272	147.	1273	147.	1274	147.
1275	147.	1276	147.	1277	147.	1278	147.	1279	147.
1280	146.	1281	146.	1282	146.	1283	146.	1284	146.
1285	146.	1286	145.	1287	145.	1288	145.	1289	145.
1290	145.	1291	144.	1292	144.	1293	144.	1294	144.
1295	143.	1296	143.	1297	143.	1298	142.	1299	142.
1300	142.	1310	139.	1320	136.	1330	132.	1340	128.
1350	123.	1360	115.	1370	105.	1380	91.	1390	76.
1400	53.	1420	19.	1440	18.	1460	17.	1500	15.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CON. MT. CR. TRIB. (51AC) HYDROGRAPH FATND TO YIELD 4. 91 INCHES, Q-100

HYDROGRAPH AT 15031 2391D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	7.	200	9.	300	11.	400	11.
500	13.	600	14.	700	17.	800	18.	900	24.
1000	32.	1050	42.	1100	49.	1110	62.	1120	65.
1130	80.	1131	84.	1132	86.	1133	88.	1134	90.
1135	93.	1136	95.	1137	97.	1138	100.	1139	103.
1140	106.	1141	109.	1142	114.	1143	120.	1144	126.
1145	134.	1146	143.	1147	152.	1148	161.	1149	183.
1150	219.	1151	253.	1152	310.	1153	375.	1154	413.
1155	423.	1156	420.	1157	387.	1158	341.	1159	294.
1160	251.	1161	216.	1162	182.	1163	152.	1164	127.
1165	106.	1166	90.	1167	79.	1168	72.	1169	67.
1170	63.	1171	60.	1172	58.	1173	56.	1174	54.
1175	53.	1176	51.	1177	50.	1178	48.	1179	47.
1180	46.	1181	44.	1182	43.	1183	42.	1184	42.
1185	41.	1186	40.	1187	40.	1188	40.	1189	40.
1190	40.	1191	41.	1192	42.	1193	43.	1194	44.
1195	44.	1196	44.	1197	43.	1198	43.	1199	42.
1200	42.	1201	41.	1202	39.	1203	38.	1204	36.
1205	35.	1206	34.	1207	33.	1208	33.	1209	33.
1210	33.	1211	32.	1212	32.	1213	32.	1214	32.
1215	32.	1216	32.	1217	32.	1218	32.	1219	32.
1220	32.	1221	32.	1222	32.	1223	31.	1224	31.
1225	31.	1226	31.	1227	31.	1228	31.	1229	31.
1230	31.	1231	31.	1232	31.	1233	31.	1234	31.
1235	31.	1236	30.	1237	30.	1238	30.	1239	29.
1240	29.	1241	29.	1242	29.	1243	28.	1244	28.
1245	28.	1246	28.	1247	28.	1248	28.	1249	28.
1250	28.	1251	28.	1252	28.	1253	28.	1254	28.
1255	28.	1256	28.	1257	28.	1258	28.	1259	28.
1260	28.	1261	28.	1262	28.	1263	28.	1264	27.
1265	27.	1266	26.	1267	25.	1268	25.	1269	24.
1270	24.	1271	24.	1272	23.	1273	23.	1274	23.
1275	23.	1276	23.	1277	23.	1278	23.	1279	23.
1280	23.	1281	23.	1282	23.	1283	23.	1284	23.
1285	23.	1286	23.	1287	23.	1288	23.	1289	23.
1290	23.	1291	23.	1292	23.	1293	23.	1294	23.
1295	23.	1296	23.	1297	23.	1298	23.	1299	23.
1300	23.	1310	18.	1320	15.	1330	16.	1340	15.
1350	11.	1360	7.	1370	7.	1380	7.	1390	7.

CALLEGUA. 990

1400 7. 1420 7. 1440 7. 1460 7. 1500 7.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 CON. MT. CR. TRIB. (60BD) HYDROGRAPH FATND TO YIELD 4. 911 INCHES, Q100P
 HYDROGRAPH AT 15031 2403E STORM DAY 4 REDUCTION FACTOR = 1. 000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	3.	300	4.	400	4.
500	4.	600	5.	700	6.	800	7.	900	9.
1000	14.	1050	20.	1100	23.	1110	33.	1120	34.
1130	44.	1131	47.	1132	47.	1133	49.	1134	50.
1135	52.	1136	53.	1137	54.	1138	56.	1139	58.
1140	60.	1141	62.	1142	64.	1143	67.	1144	71.
1145	75.	1146	80.	1147	86.	1148	92.	1149	105.
1150	127.	1151	144.	1152	172.	1153	208.	1154	232.
1155	245.	1156	246.	1157	230.	1158	213.	1159	182.
1160	143.	1161	117.	1162	98.	1163	83.	1164	71.
1165	61.	1166	52.	1167	46.	1168	41.	1169	38.
1170	36.	1171	33.	1172	30.	1173	29.	1174	28.
1175	27.	1176	26.	1177	24.	1178	23.	1179	22.
1180	22.	1181	21.	1182	20.	1183	20.	1184	20.
1185	20.	1186	19.	1187	19.	1188	19.	1189	19.
1190	19.	1191	19.	1192	19.	1193	19.	1194	19.
1195	19.	1196	19.	1197	19.	1198	19.	1199	19.
1200	19.	1201	19.	1202	18.	1203	18.	1204	17.
1205	17.	1206	16.	1207	16.	1208	15.	1209	15.
1210	14.	1211	14.	1212	14.	1213	14.	1214	14.
1215	14.	1216	14.	1217	14.	1218	14.	1219	14.
1220	14.	1221	14.	1222	14.	1223	14.	1224	14.
1225	14.	1226	14.	1227	14.	1228	14.	1229	14.
1230	14.	1231	14.	1232	14.	1233	14.	1234	14.
1235	14.	1236	14.	1237	13.	1238	13.	1239	13.
1240	13.	1241	13.	1242	13.	1243	13.	1244	13.
1245	13.	1246	13.	1247	13.	1248	13.	1249	13.
1250	13.	1251	13.	1252	13.	1253	13.	1254	13.
1255	13.	1256	13.	1257	13.	1258	13.	1259	13.
1260	13.	1261	13.	1262	13.	1263	13.	1264	12.
1265	12.	1266	12.	1267	11.	1268	11.	1269	10.
1270	10.	1271	10.	1272	10.	1273	10.	1274	10.
1275	10.	1276	10.	1277	10.	1278	10.	1279	10.
1280	10.	1281	10.	1282	10.	1283	10.	1284	10.
1285	10.	1286	10.	1287	10.	1288	10.	1289	10.
1290	10.	1291	10.	1292	10.	1293	9.	1294	9.
1295	10.	1296	9.	1297	9.	1298	10.	1299	10.
1300	10.	1310	7.	1320	5.	1330	5.	1340	5.
1350	4.	1360	3.	1370	3.	1380	3.	1390	3.
1400	3.	1420	2.	1440	2.	1460	2.	1500	2.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 JCT. OF CON. MT. CK. TRIBS. W/BOTH FATND. Q100P
 HYDROGRAPH AT 15031 2406D STORM DAY 4 REDUCTION FACTOR = 1. 000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	10.	200	12.	300	15.	400	16.
500	18.	600	20.	700	24.	800	28.	900	37.
1000	55.	1050	75.	1100	93.	1110	117.	1120	126.
1130	152.	1131	158.	1132	162.	1133	165.	1134	169.
1135	174.	1136	177.	1137	182.	1138	186.	1139	191.
1140	196.	1141	201.	1142	208.	1143	217.	1144	227.
1145	239.	1146	252.	1147	266.	1148	281.	1149	310.
1150	362.	1151	411.	1152	486.	1153	578.	1154	639.

CALLEGUA. 990

1155	663.	1156	666.	1157	627.	1158	568.	1159	501.
1160	429.	1161	368.	1162	316.	1163	273.	1164	237.
1165	206.	1166	182.	1167	164.	1168	151.	1169	143.
1170	137.	1171	130.	1172	125.	1173	122.	1174	118.
1175	116.	1176	112.	1177	109.	1178	106.	1179	103.
1180	101.	1181	99.	1182	97.	1183	95.	1184	93.
1185	92.	1186	91.	1187	90.	1188	89.	1189	89.
1190	89.	1191	89.	1192	89.	1193	90.	1194	90.
1195	90.	1196	89.	1197	89.	1198	88.	1199	87.
1200	86.	1201	85.	1202	83.	1203	81.	1204	79.
1205	77.	1206	75.	1207	73.	1208	72.	1209	71.
1210	70.	1211	70.	1212	69.	1213	69.	1214	68.
1215	68.	1216	67.	1217	67.	1218	67.	1219	66.
1220	66.	1221	66.	1222	66.	1223	65.	1224	65.
1225	65.	1226	65.	1227	64.	1228	64.	1229	64.
1230	64.	1231	64.	1232	63.	1233	63.	1234	62.
1235	62.	1236	61.	1237	61.	1238	60.	1239	60.
1240	59.	1241	59.	1242	58.	1243	58.	1244	58.
1245	57.	1246	57.	1247	57.	1248	57.	1249	57.
1250	57.	1251	56.	1252	56.	1253	56.	1254	56.
1255	56.	1256	56.	1257	56.	1258	55.	1259	55.
1260	55.	1261	55.	1262	55.	1263	54.	1264	53.
1265	52.	1266	51.	1267	50.	1268	49.	1269	48.
1270	48.	1271	47.	1272	46.	1273	46.	1274	45.
1275	45.	1276	45.	1277	45.	1278	44.	1279	44.
1280	44.	1281	44.	1282	44.	1283	44.	1284	44.
1285	44.	1286	44.	1287	44.	1288	44.	1289	43.
1290	43.	1291	43.	1292	43.	1293	43.	1294	43.
1295	43.	1296	43.	1297	43.	1298	43.	1299	43.
1300	43.	1310	35.	1320	29.	1330	30.	1340	28.
1350	22.	1360	18.	1370	17.	1380	16.	1390	16.
1400	16.	1420	15.	1440	14.	1460	14.	1500	13.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CON. MT. CK. INFLOW TO #3 DEBRI S. BSN. W/ NEW VOL. Q100P
 HYDROGRAPH AT 15031 2409C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	12.	200	18.	300	25.	400	29.
500	34.	600	39.	700	47.	800	55.	900	72.
1000	104.	1050	141.	1100	179.	1110	208.	1120	225.
1130	259.	1131	266.	1132	270.	1133	274.	1134	279.
1135	284.	1136	289.	1137	294.	1138	299.	1139	305.
1140	310.	1141	317.	1142	325.	1143	335.	1144	345.
1145	358.	1146	372.	1147	387.	1148	402.	1149	433.
1150	485.	1151	534.	1152	610.	1153	703.	1154	764.
1155	790.	1156	794.	1157	755.	1158	698.	1159	632.
1160	561.	1161	500.	1162	449.	1163	406.	1164	371.
1165	341.	1166	317.	1167	299.	1168	287.	1169	279.
1170	273.	1171	267.	1172	262.	1173	259.	1174	255.
1175	253.	1176	250.	1177	247.	1178	245.	1179	242.
1180	240.	1181	238.	1182	236.	1183	234.	1184	233.
1185	232.	1186	231.	1187	231.	1188	230.	1189	230.
1190	230.	1191	230.	1192	231.	1193	232.	1194	232.
1195	232.	1196	232.	1197	231.	1198	231.	1199	230.
1200	230.	1201	228.	1202	227.	1203	225.	1204	223.
1205	221.	1206	219.	1207	218.	1208	217.	1209	216.
1210	215.	1211	215.	1212	214.	1213	214.	1214	214.
1215	213.	1216	213.	1217	213.	1218	213.	1219	212.
1220	212.	1221	212.	1222	212.	1223	211.	1224	211.
1225	211.	1226	211.	1227	211.	1228	211.	1229	211.

CALLEGUA. 990

1230	211.	1231	210.	1232	210.	1233	210.	1234	210.
1235	209.	1236	209.	1237	208.	1238	207.	1239	207.
1240	207.	1241	206.	1242	206.	1243	205.	1244	205.
1245	205.	1246	205.	1247	205.	1248	205.	1249	205.
1250	204.	1251	204.	1252	204.	1253	204.	1254	204.
1255	204.	1256	204.	1257	204.	1258	204.	1259	203.
1260	203.	1261	203.	1262	203.	1263	202.	1264	201.
1265	200.	1266	199.	1267	198.	1268	197.	1269	196.
1270	195.	1271	195.	1272	194.	1273	193.	1274	193.
1275	192.	1276	192.	1277	192.	1278	191.	1279	191.
1280	191.	1281	191.	1282	190.	1283	190.	1284	190.
1285	190.	1286	189.	1287	189.	1288	189.	1289	189.
1290	188.	1291	188.	1292	188.	1293	187.	1294	187.
1295	187.	1296	186.	1297	186.	1298	186.	1299	185.
1300	185.	1310	175.	1320	166.	1330	163.	1340	157.
1350	146.	1360	134.	1370	124.	1380	111.	1390	95.
1400	75.	1420	39.	1440	32.	1460	31.	1500	28.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CON. MT. CK. ROUTED FLOW THRU. #3 Q-100P

HYDROGRAPH AT 15031 2410C

STORM DAY 4

REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	5.	200	15.	300	21.	400	27.
500	31.	600	36.	700	42.	800	50.	900	62.
1000	85.	1050	93.	1100	105.	1110	107.	1120	109.
1130	112.	1131	112.	1132	113.	1133	113.	1134	113.
1135	114.	1136	114.	1137	114.	1138	115.	1139	115.
1140	116.	1141	116.	1142	117.	1143	117.	1144	117.
1145	118.	1146	118.	1147	119.	1148	120.	1149	120.
1150	121.	1151	121.	1152	122.	1153	123.	1154	124.
1155	126.	1156	127.	1157	128.	1158	129.	1159	130.
1160	131.	1161	131.	1162	132.	1163	132.	1164	133.
1165	133.	1166	133.	1167	134.	1168	134.	1169	134.
1170	134.	1171	135.	1172	135.	1173	135.	1174	135.
1175	135.	1176	136.	1177	136.	1178	136.	1179	136.
1180	136.	1181	136.	1182	137.	1183	137.	1184	137.
1185	137.	1186	137.	1187	137.	1188	137.	1189	138.
1190	138.	1191	138.	1192	138.	1193	138.	1194	138.
1195	138.	1196	138.	1197	139.	1198	139.	1199	139.
1200	139.	1201	139.	1202	139.	1203	139.	1204	139.
1205	140.	1206	140.	1207	140.	1208	140.	1209	140.
1210	140.	1211	140.	1212	140.	1213	140.	1214	141.
1215	141.	1216	141.	1217	141.	1218	141.	1219	141.
1220	141.	1221	141.	1222	141.	1223	141.	1224	142.
1225	142.	1226	142.	1227	142.	1228	142.	1229	142.
1230	142.	1231	142.	1232	142.	1233	142.	1234	143.
1235	143.	1236	143.	1237	143.	1238	143.	1239	143.
1240	143.	1241	143.	1242	143.	1243	143.	1244	143.
1245	144.	1246	144.	1247	144.	1248	144.	1249	144.
1250	144.	1251	144.	1252	144.	1253	144.	1254	144.
1255	144.	1256	144.	1257	145.	1258	145.	1259	145.
1260	145.	1261	145.	1262	145.	1263	145.	1264	145.
1265	145.	1266	145.	1267	145.	1268	145.	1269	145.
1270	146.	1271	146.	1272	146.	1273	146.	1274	146.
1275	146.	1276	146.	1277	146.	1278	146.	1279	146.
1280	146.	1281	146.	1282	146.	1283	146.	1284	146.
1285	146.	1286	146.	1287	146.	1288	146.	1289	147.
1290	147.	1291	147.	1292	147.	1293	147.	1294	147.
1295	147.	1296	147.	1297	147.	1298	147.	1299	147.
1300	147.	1310	147.	1320	148.	1330	148.	1340	148.

CALLEGUA. 990									
1350	148.	1360	148.	1370	148.	1380	148.	1390	147.
1400	146.	1420	144.	1440	141.	1460	138.	1500	132.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CONEJO MT. CK. INFLOW TO BSN. #4 1-100P W/FATTENED LATLS.
 HYDROGRAPH AT 15031 2434C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	9.	200	18.	300	26.	400	31.
500	36.	600	41.	700	49.	800	57.	900	73.
1000	102.	1050	120.	1100	141.	1110	154.	1120	159.
1130	174.	1131	176.	1132	178.	1133	179.	1134	181.
1135	184.	1136	185.	1137	187.	1138	189.	1139	191.
1140	193.	1141	196.	1142	199.	1143	203.	1144	206.
1145	211.	1146	217.	1147	222.	1148	227.	1149	244.
1150	268.	1151	278.	1152	309.	1153	342.	1154	351.
1155	343.	1156	328.	1157	303.	1158	267.	1159	235.
1160	220.	1161	210.	1162	205.	1163	201.	1164	200.
1165	197.	1166	195.	1167	193.	1168	192.	1169	191.
1170	189.	1171	188.	1172	187.	1173	186.	1174	185.
1175	184.	1176	183.	1177	182.	1178	181.	1179	181.
1180	180.	1181	179.	1182	179.	1183	179.	1184	179.
1185	179.	1186	178.	1187	178.	1188	178.	1189	178.
1190	177.	1191	177.	1192	177.	1193	177.	1194	176.
1195	176.	1196	176.	1197	176.	1198	176.	1199	176.
1200	175.	1201	175.	1202	174.	1203	174.	1204	173.
1205	172.	1206	172.	1207	171.	1208	171.	1209	170.
1210	170.	1211	170.	1212	170.	1213	170.	1214	170.
1215	170.	1216	170.	1217	170.	1218	169.	1219	169.
1220	169.	1221	169.	1222	169.	1223	169.	1224	169.
1225	169.	1226	169.	1227	168.	1228	168.	1229	169.
1230	168.	1231	168.	1232	168.	1233	168.	1234	168.
1235	168.	1236	168.	1237	167.	1238	167.	1239	167.
1240	167.	1241	167.	1242	167.	1243	167.	1244	167.
1245	167.	1246	167.	1247	167.	1248	167.	1249	167.
1250	167.	1251	167.	1252	167.	1253	167.	1254	167.
1255	166.	1256	167.	1257	167.	1258	166.	1259	166.
1260	166.	1261	166.	1262	166.	1263	166.	1264	165.
1265	165.	1266	165.	1267	164.	1268	164.	1269	164.
1270	164.	1271	164.	1272	164.	1273	164.	1274	164.
1275	164.	1276	164.	1277	164.	1278	164.	1279	164.
1280	164.	1281	164.	1282	164.	1283	164.	1284	164.
1285	164.	1286	164.	1287	164.	1288	164.	1289	164.
1290	164.	1291	163.	1292	163.	1293	163.	1294	163.
1295	163.	1296	163.	1297	163.	1298	163.	1299	163.
1300	163.	1310	161.	1320	160.	1330	160.	1340	160.
1350	159.	1360	158.	1370	157.	1380	157.	1390	156.
1400	155.	1420	153.	1440	149.	1460	145.	1500	138.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 CONEJO MT. CK. 4TH DETENTION BASIN END/54" PIPE Q-100
 HYDROGRAPH AT 15031 2435C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	9.	200	18.	300	26.	400	31.
500	36.	600	41.	700	49.	800	57.	900	73.
1000	102.	1050	120.	1100	141.	1110	154.	1120	159.
1130	174.	1131	176.	1132	178.	1133	179.	1134	181.
1135	184.	1136	185.	1137	187.	1138	189.	1139	191.
1140	193.	1141	196.	1142	199.	1143	203.	1144	206.
1145	211.	1146	217.	1147	222.	1148	227.	1149	244.

CALLEGUA. 990

1150	268.	1151	278.	1152	309.	1153	342.	1154	351.
1155	343.	1156	328.	1157	303.	1158	267.	1159	235.
1160	220.	1161	210.	1162	205.	1163	201.	1164	200.
1165	197.	1166	195.	1167	193.	1168	192.	1169	191.
1170	189.	1171	188.	1172	187.	1173	186.	1174	185.
1175	184.	1176	183.	1177	182.	1178	181.	1179	181.
1180	180.	1181	179.	1182	179.	1183	179.	1184	179.
1185	179.	1186	178.	1187	178.	1188	178.	1189	178.
1190	177.	1191	177.	1192	177.	1193	177.	1194	176.
1195	176.	1196	176.	1197	176.	1198	176.	1199	176.
1200	175.	1201	175.	1202	174.	1203	174.	1204	173.
1205	172.	1206	172.	1207	171.	1208	171.	1209	170.
1210	170.	1211	170.	1212	170.	1213	170.	1214	170.
1215	170.	1216	170.	1217	170.	1218	169.	1219	169.
1220	169.	1221	169.	1222	169.	1223	169.	1224	169.
1225	169.	1226	169.	1227	168.	1228	168.	1229	169.
1230	168.	1231	168.	1232	168.	1233	168.	1234	168.
1235	168.	1236	168.	1237	167.	1238	167.	1239	167.
1240	167.	1241	167.	1242	167.	1243	167.	1244	167.
1245	167.	1246	167.	1247	167.	1248	167.	1249	167.
1250	167.	1251	167.	1252	167.	1253	167.	1254	167.
1255	166.	1256	167.	1257	167.	1258	166.	1259	166.
1260	166.	1261	166.	1262	166.	1263	166.	1264	165.
1265	165.	1266	165.	1267	164.	1268	164.	1269	164.
1270	164.	1271	164.	1272	164.	1273	164.	1274	164.
1275	164.	1276	164.	1277	164.	1278	164.	1279	164.
1280	164.	1281	164.	1282	164.	1283	164.	1284	164.
1285	164.	1286	164.	1287	164.	1288	164.	1289	164.
1290	164.	1291	163.	1292	163.	1293	163.	1294	163.
1295	163.	1296	163.	1297	163.	1298	163.	1299	163.
1300	163.	1310	161.	1320	160.	1330	160.	1340	160.
1350	159.	1360	158.	1370	157.	1380	157.	1390	156.
1400	155.	1420	153.	1440	149.	1460	145.	1500	138.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CONEJO MT. CRK. AT PARK SITE "A" W/UPSTREAM BASINS

HYDROGRAPH AT 15031 2436C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	9.	300	19.	400	28.
500	34.	600	39.	700	45.	800	53.	900	65.
1000	85.	1050	106.	1100	125.	1110	132.	1120	138.
1130	144.	1131	144.	1132	145.	1133	146.	1134	147.
1135	148.	1136	149.	1137	149.	1138	150.	1139	151.
1140	152.	1141	153.	1142	154.	1143	156.	1144	157.
1145	158.	1146	159.	1147	161.	1148	162.	1149	164.
1150	166.	1151	169.	1152	172.	1153	175.	1154	179.
1155	182.	1156	184.	1157	186.	1158	187.	1159	188.
1160	189.	1161	189.	1162	189.	1163	189.	1164	190.
1165	190.	1166	190.	1167	190.	1168	190.	1169	190.
1170	190.	1171	190.	1172	190.	1173	190.	1174	190.
1175	190.	1176	190.	1177	189.	1178	189.	1179	189.
1180	189.	1181	189.	1182	189.	1183	189.	1184	189.
1185	188.	1186	188.	1187	188.	1188	188.	1189	188.
1190	188.	1191	188.	1192	187.	1193	187.	1194	187.
1195	187.	1196	187.	1197	187.	1198	187.	1199	186.
1200	186.	1201	186.	1202	186.	1203	186.	1204	186.
1205	185.	1206	185.	1207	185.	1208	185.	1209	185.
1210	184.	1211	184.	1212	184.	1213	184.	1214	184.
1215	183.	1216	183.	1217	183.	1218	183.	1219	183.
1220	182.	1221	182.	1222	182.	1223	182.	1224	182.

CALLEGUA. 990

1225	181.	1226	181.	1227	181.	1228	181.	1229	181.
1230	181.	1231	180.	1232	180.	1233	180.	1234	180.
1235	180.	1236	180.	1237	179.	1238	179.	1239	179.
1240	179.	1241	179.	1242	178.	1243	178.	1244	178.
1245	178.	1246	177.	1247	177.	1248	177.	1249	177.
1250	176.	1251	176.	1252	176.	1253	176.	1254	175.
1255	175.	1256	175.	1257	175.	1258	175.	1259	174.
1260	174.	1261	174.	1262	174.	1263	174.	1264	173.
1265	173.	1266	173.	1267	173.	1268	173.	1269	172.
1270	172.	1271	172.	1272	172.	1273	172.	1274	172.
1275	171.	1276	171.	1277	171.	1278	171.	1279	171.
1280	170.	1281	170.	1282	170.	1283	170.	1284	170.
1285	170.	1286	170.	1287	169.	1288	169.	1289	169.
1290	169.	1291	169.	1292	169.	1293	169.	1294	168.
1295	168.	1296	168.	1297	168.	1298	168.	1299	168.
1300	168.	1310	167.	1320	165.	1330	164.	1340	163.
1350	163.	1360	162.	1370	161.	1380	160.	1390	159.
1400	159.	1420	157.	1440	155.	1460	152.	1500	147.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CONEJO MT. CRK. INPUT HYD BRFORE BYPASS BSN Q-100

HYDROGRAPH AT 15031 2498E

STORM DAY 4

REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	13.	200	15.	300	17.	400	17.
500	18.	600	19.	700	22.	800	24.	900	33.
1000	47.	1050	63.	1100	70.	1110	98.	1120	92.
1130	130.	1131	131.	1132	131.	1133	135.	1134	139.
1135	143.	1136	144.	1137	149.	1138	154.	1139	159.
1140	163.	1141	172.	1142	178.	1143	185.	1144	193.
1145	211.	1146	225.	1147	239.	1148	252.	1149	314.
1150	381.	1151	403.	1152	534.	1153	613.	1154	634.
1155	639.	1156	615.	1157	581.	1158	500.	1159	411.
1160	374.	1161	248.	1162	178.	1163	149.	1164	135.
1165	118.	1166	110.	1167	102.	1168	96.	1169	94.
1170	87.	1171	85.	1172	83.	1173	75.	1174	76.
1175	74.	1176	73.	1177	70.	1178	63.	1179	65.
1180	62.	1181	61.	1182	60.	1183	58.	1184	58.
1185	58.	1186	58.	1187	59.	1188	59.	1189	60.
1190	61.	1191	61.	1192	62.	1193	62.	1194	62.
1195	62.	1196	60.	1197	58.	1198	58.	1199	58.
1200	57.	1201	56.	1202	55.	1203	53.	1204	52.
1205	51.	1206	49.	1207	48.	1208	47.	1209	46.
1210	46.	1211	45.	1212	45.	1213	45.	1214	45.
1215	45.	1216	45.	1217	46.	1218	45.	1219	45.
1220	45.	1221	46.	1222	45.	1223	45.	1224	45.
1225	46.	1226	45.	1227	45.	1228	45.	1229	46.
1230	45.	1231	45.	1232	45.	1233	44.	1234	43.
1235	44.	1236	43.	1237	42.	1238	42.	1239	42.
1240	42.	1241	41.	1242	42.	1243	42.	1244	41.
1245	42.	1246	42.	1247	41.	1248	42.	1249	42.
1250	41.	1251	42.	1252	42.	1253	41.	1254	42.
1255	42.	1256	41.	1257	42.	1258	42.	1259	41.
1260	42.	1261	41.	1262	39.	1263	38.	1264	38.
1265	37.	1266	36.	1267	34.	1268	33.	1269	33.
1270	32.	1271	32.	1272	33.	1273	32.	1274	31.
1275	32.	1276	32.	1277	32.	1278	31.	1279	32.
1280	32.	1281	32.	1282	31.	1283	32.	1284	32.
1285	32.	1286	31.	1287	32.	1288	32.	1289	32.
1290	31.	1291	32.	1292	32.	1293	31.	1294	31.
1295	32.	1296	32.	1297	32.	1298	31.	1299	32.

CALLEGUA. 990

1300	32.	1310	22.	1320	21.	1330	21.	1340	21.
1350	14.	1360	13.	1370	13.	1380	13.	1390	12.
1400	13.	1420	8.	1440	8.	1460	3.	1500	3.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CON. MT. CRK. INPUT HYDROGRAPH BRFORE BYPASS BASIN DOS VI ENT. HAAL.
 HYDROGRAPH AT 15031 2500C STORM DAY 4 REDUCTION FACTOR = 1. 000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	52.	200	63.	300	77.	400	85.
500	93.	600	104.	700	123.	800	143.	900	192.
1000	292.	1050	399.	1100	526.	1110	601.	1120	664.
1130	785.	1131	797.	1132	808.	1133	823.	1134	840.
1135	856.	1136	869.	1137	887.	1138	905.	1139	923.
1140	941.	1141	965.	1142	988.	1143	1011.	1144	1037.
1145	1074.	1146	1107.	1147	1144.	1148	1184.	1149	1281.
1150	1384.	1151	1450.	1152	1632.	1153	1784.	1154	1904.
1155	2037.	1156	2159.	1157	2268.	1158	2316.	1159	2336.
1160	2373.	1161	2280.	1162	2199.	1163	2130.	1164	2056.
1165	1972.	1166	1892.	1167	1806.	1168	1717.	1169	1625.
1170	1525.	1171	1433.	1172	1345.	1173	1258.	1174	1187.
1175	1119.	1176	1061.	1177	1007.	1178	963.	1179	931.
1180	896.	1181	863.	1182	832.	1183	801.	1184	774.
1185	748.	1186	725.	1187	705.	1188	687.	1189	671.
1190	657.	1191	644.	1192	632.	1193	621.	1194	612.
1195	604.	1196	594.	1197	586.	1198	579.	1199	573.
1200	567.	1201	560.	1202	553.	1203	544.	1204	537.
1205	530.	1206	522.	1207	515.	1208	508.	1209	501.
1210	494.	1211	487.	1212	482.	1213	477.	1214	471.
1215	466.	1216	462.	1217	458.	1218	453.	1219	449.
1220	445.	1221	441.	1222	437.	1223	433.	1224	429.
1225	426.	1226	421.	1227	418.	1228	415.	1229	412.
1230	408.	1231	405.	1232	403.	1233	399.	1234	396.
1235	394.	1236	391.	1237	388.	1238	385.	1239	383.
1240	381.	1241	378.	1242	375.	1243	373.	1244	370.
1245	368.	1246	365.	1247	363.	1248	361.	1249	359.
1250	356.	1251	355.	1252	353.	1253	351.	1254	349.
1255	347.	1256	346.	1257	344.	1258	343.	1259	341.
1260	340.	1261	338.	1262	335.	1263	333.	1264	331.
1265	328.	1266	326.	1267	323.	1268	320.	1269	318.
1270	315.	1271	313.	1272	312.	1273	309.	1274	306.
1275	303.	1276	302.	1277	299.	1278	296.	1279	294.
1280	293.	1281	291.	1282	288.	1283	286.	1284	285.
1285	283.	1286	280.	1287	279.	1288	278.	1289	276.
1290	274.	1291	272.	1292	272.	1293	269.	1294	268.
1295	266.	1296	266.	1297	264.	1298	262.	1299	261.
1300	261.	1310	237.	1320	218.	1330	201.	1340	188.
1350	169.	1360	151.	1370	135.	1380	124.	1390	117.
1400	111.	1420	98.	1440	93.	1460	83.	1500	75.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CON. MT. CK. INPUT HYDROGRAPH AT BYPASS DOS VI ENT. HAAL. Q100
 HYDROGRAPH AT 15031 2503C STORM DAY 4 REDUCTION FACTOR = 1. 000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.

CALLEGUA. 990

1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	0.	1164	0.
1165	0.	1166	0.	1167	0.	1168	0.	1169	0.
1170	0.	1171	0.	1172	0.	1173	0.	1174	0.
1175	0.	1176	0.	1177	0.	1178	0.	1179	0.
1180	0.	1181	0.	1182	0.	1183	0.	1184	0.
1185	0.	1186	0.	1187	0.	1188	0.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.
1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CON. MT. CK. DOS VIENTOS RANCH INPUT HYDRO @ CMC BYPASS BASIN Q 10
 HYDROGRAPH AT 15031 2508C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	101.	1137	110.	1138	118.	1139	128.
1140	146.	1141	176.	1142	205.	1143	232.	1144	259.
1145	287.	1146	317.	1147	350.	1148	384.	1149	432.
1150	496.	1151	565.	1152	652.	1153	773.	1154	899.
1155	1022.	1156	1148.	1157	1272.	1158	1377.	1159	1451.
1160	1502.	1161	1517.	1162	1483.	1163	1435.	1164	1380.
1165	1317.	1166	1247.	1167	1170.	1168	1091.	1169	1015.
1170	936.	1171	852.	1172	768.	1173	687.	1174	614.
1175	544.	1176	478.	1177	418.	1178	364.	1179	318.
1180	276.	1181	236.	1182	201.	1183	169.	1184	141.
1185	128.	1186	119.	1187	110.	1188	100.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.
1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.

CALLEGUA. 990

1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

CONEJO MT. CK. BYPASS LOW FLOW ROUTING W/BYPASS CUTOFF 940 CFS

HYDROGRAPH AT 15031 2510C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	5.	1164	12.
1165	17.	1166	19.	1167	22.	1168	23.	1169	25.
1170	26.	1171	27.	1172	28.	1173	29.	1174	30.
1175	31.	1176	31.	1177	32.	1178	32.	1179	32.
1180	33.	1181	33.	1182	33.	1183	33.	1184	33.
1185	33.	1186	34.	1187	34.	1188	34.	1189	34.
1190	34.	1191	34.	1192	34.	1193	34.	1194	34.
1195	34.	1196	33.	1197	33.	1198	33.	1199	33.
1200	33.	1201	33.	1202	33.	1203	33.	1204	33.
1205	33.	1206	33.	1207	33.	1208	33.	1209	33.
1210	33.	1211	33.	1212	33.	1213	33.	1214	33.
1215	33.	1216	33.	1217	33.	1218	33.	1219	33.
1220	33.	1221	33.	1222	33.	1223	33.	1224	33.
1225	33.	1226	33.	1227	32.	1228	32.	1229	32.
1230	32.	1231	32.	1232	32.	1233	32.	1234	32.
1235	32.	1236	32.	1237	32.	1238	32.	1239	32.
1240	32.	1241	32.	1242	32.	1243	32.	1244	32.
1245	32.	1246	32.	1247	32.	1248	32.	1249	32.
1250	32.	1251	32.	1252	32.	1253	32.	1254	32.
1255	32.	1256	31.	1257	31.	1258	31.	1259	31.
1260	31.	1261	31.	1262	31.	1263	31.	1264	31.
1265	31.	1266	31.	1267	31.	1268	31.	1269	31.
1270	31.	1271	31.	1272	31.	1273	31.	1274	31.
1275	31.	1276	31.	1277	31.	1278	31.	1279	31.
1280	31.	1281	31.	1282	31.	1283	30.	1284	30.
1285	30.	1286	30.	1287	30.	1288	30.	1289	30.
1290	30.	1291	30.	1292	30.	1293	30.	1294	30.

CALLEGUA. 990

1295	30.	1296	30.	1297	30.	1298	30.	1299	30.
1300	30.	1310	29.	1320	29.	1330	29.	1340	28.
1350	28.	1360	28.	1370	27.	1380	27.	1390	27.
1400	26.	1420	26.	1440	25.	1460	24.	1500	23.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CONEJO MNT. CREEK BYPASS W/LOCAL AREA DOWNSTREAM OF DAM

HYDROGRAPH AT 15031 2524C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	36.	200	67.	300	94.	400	110.
500	132.	600	144.	700	172.	800	196.	900	249.
1000	345.	1050	465.	1100	616.	1110	680.	1120	775.
1130	878.	1131	887.	1132	897.	1133	908.	1134	920.
1135	936.	1136	953.	1137	973.	1138	992.	1139	1005.
1140	1007.	1141	1003.	1142	999.	1143	999.	1144	1003.
1145	1010.	1146	1018.	1147	1026.	1148	1034.	1149	1060.
1150	1095.	1151	1138.	1152	1186.	1153	1235.	1154	1265.
1155	1283.	1156	1289.	1157	1291.	1158	1292.	1159	1273.
1160	1252.	1161	1230.	1162	1198.	1163	1155.	1164	1126.
1165	1095.	1166	1067.	1167	1048.	1168	1039.	1169	1035.
1170	1033.	1171	1029.	1172	1027.	1173	1024.	1174	1020.
1175	1017.	1176	1013.	1177	1008.	1178	1003.	1179	998.
1180	992.	1181	987.	1182	981.	1183	977.	1184	973.
1185	969.	1186	966.	1187	962.	1188	960.	1189	958.
1190	958.	1191	956.	1192	958.	1193	966.	1194	978.
1195	984.	1196	982.	1197	974.	1198	963.	1199	949.
1200	935.	1201	923.	1202	911.	1203	898.	1204	887.
1205	877.	1206	868.	1207	860.	1208	851.	1209	843.
1210	835.	1211	826.	1212	818.	1213	811.	1214	803.
1215	795.	1216	787.	1217	780.	1218	773.	1219	767.
1220	760.	1221	754.	1222	748.	1223	742.	1224	737.
1225	732.	1226	727.	1227	722.	1228	717.	1229	713.
1230	708.	1231	703.	1232	698.	1233	694.	1234	689.
1235	684.	1236	680.	1237	676.	1238	672.	1239	668.
1240	664.	1241	660.	1242	657.	1243	653.	1244	649.
1245	646.	1246	643.	1247	640.	1248	637.	1249	634.
1250	631.	1251	628.	1252	626.	1253	622.	1254	620.
1255	617.	1256	614.	1257	612.	1258	610.	1259	607.
1260	605.	1261	603.	1262	601.	1263	598.	1264	596.
1265	593.	1266	591.	1267	588.	1268	586.	1269	583.
1270	580.	1271	578.	1272	575.	1273	572.	1274	570.
1275	567.	1276	564.	1277	562.	1278	559.	1279	557.
1280	554.	1281	551.	1282	549.	1283	547.	1284	544.
1285	541.	1286	539.	1287	536.	1288	534.	1289	531.
1290	529.	1291	527.	1292	524.	1293	521.	1294	519.
1295	517.	1296	515.	1297	513.	1298	511.	1299	509.
1300	507.	1310	482.	1320	463.	1330	442.	1340	422.
1350	397.	1360	376.	1370	357.	1380	339.	1390	325.
1400	314.	1420	297.	1440	284.	1460	267.	1500	249.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CON. MNT. CK. INFLOW TO SO. BR. ARR. CON. SO. BR. ARR. CON. JCT. W/CMT. CK. Q

HYDROGRAPH AT 15031 2526D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.

CALLEGUA. 990

1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	0.	1164	0.
1165	0.	1166	0.	1167	0.	1168	0.	1169	0.
1170	0.	1171	0.	1172	0.	1173	0.	1174	0.
1175	0.	1176	0.	1177	0.	1178	0.	1179	0.
1180	0.	1181	0.	1182	0.	1183	0.	1184	0.
1185	0.	1186	0.	1187	0.	1188	0.	1189	0.
1190	0.	1191	0.	1192	0.	1193	0.	1194	0.
1195	0.	1196	0.	1197	0.	1198	0.	1199	0.
1200	0.	1201	0.	1202	0.	1203	0.	1204	0.
1205	0.	1206	0.	1207	0.	1208	0.	1209	0.
1210	0.	1211	0.	1212	0.	1213	0.	1214	0.
1215	0.	1216	0.	1217	0.	1218	0.	1219	0.
1220	0.	1221	0.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.
1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 SO. BR. ARR. CON. INFLOW HYDRO. AT MAURICE ("A") ST. FLOW THRU BA
 HYDROGRAPH AT 15031 2528B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	177.	200	246.	300	321.	400	356.
500	408.	600	449.	700	547.	800	653.	900	853.
1000	1243.	1050	1586.	1100	2046.	1110	2185.	1120	2381.
1130	2622.	1131	2649.	1132	2674.	1133	2701.	1134	2729.
1135	2759.	1136	2793.	1137	2830.	1138	2870.	1139	2911.
1140	2947.	1141	2976.	1142	3000.	1143	3024.	1144	3052.
1145	3086.	1146	3125.	1147	3167.	1148	3208.	1149	3253.
1150	3299.	1151	3350.	1152	3405.	1153	3464.	1154	3510.
1155	3542.	1156	3560.	1157	3567.	1158	3568.	1159	3553.
1160	3527.	1161	3495.	1162	3460.	1163	3417.	1164	3379.
1165	3344.	1166	3314.	1167	3286.	1168	3266.	1169	3255.
1170	3249.	1171	3246.	1172	3243.	1173	3240.	1174	3236.
1175	3233.	1176	3229.	1177	3225.	1178	3220.	1179	3214.
1180	3209.	1181	3203.	1182	3197.	1183	3192.	1184	3188.
1185	3183.	1186	3195.	1187	3242.	1188	3289.	1189	3306.
1190	3308.	1191	3300.	1192	3289.	1193	3279.	1194	3272.
1195	3265.	1196	3251.	1197	3225.	1198	3189.	1199	3149.
1200	3111.	1201	3075.	1202	3043.	1203	3012.	1204	2983.
1205	2956.	1206	2930.	1207	2905.	1208	2880.	1209	2855.
1210	2830.	1211	2804.	1212	2779.	1213	2754.	1214	2729.

CALLEGUA. 990

1215	2705.	1216	2680.	1217	2656.	1218	2633.	1219	2610.
1220	2587.	1221	2566.	1222	2545.	1223	2525.	1224	2505.
1225	2487.	1226	2469.	1227	2452.	1228	2435.	1229	2419.
1230	2404.	1231	2388.	1232	2373.	1233	2358.	1234	2343.
1235	2327.	1236	2312.	1237	2298.	1238	2283.	1239	2268.
1240	2254.	1241	2239.	1242	2225.	1243	2211.	1244	2197.
1245	2184.	1246	2171.	1247	2158.	1248	2145.	1249	2132.
1250	2119.	1251	2106.	1252	2093.	1253	2080.	1254	2068.
1255	2056.	1256	2044.	1257	2033.	1258	2022.	1259	2011.
1260	2001.	1261	1991.	1262	1981.	1263	1971.	1264	1961.
1265	1951.	1266	1941.	1267	1930.	1268	1919.	1269	1907.
1270	1896.	1271	1884.	1272	1873.	1273	1861.	1274	1850.
1275	1838.	1276	1826.	1277	1814.	1278	1802.	1279	1790.
1280	1778.	1281	1766.	1282	1754.	1283	1743.	1284	1731.
1285	1720.	1286	1709.	1287	1699.	1288	1688.	1289	1678.
1290	1668.	1291	1659.	1292	1650.	1293	1642.	1294	1633.
1295	1625.	1296	1617.	1297	1609.	1298	1601.	1299	1594.
1300	1586.	1310	1499.	1320	1403.	1330	1308.	1340	1217.
1350	1120.	1360	1024.	1370	941.	1380	869.	1390	813.
1400	772.	1420	705.	1440	651.	1460	605.	1500	546.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SO. BR. ARR. CON. OUTFLOW HYDROGRAPH FROM MAURICE ST. RTED. TO U
 HYDROGRAPH AT 15031 2539B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	89.	200	140.	300	256.	400	311.
500	364.	600	411.	700	466.	800	564.	900	698.
1000	949.	1050	1205.	1100	1603.	1110	1693.	1120	1808.
1130	1977.	1131	1997.	1132	2017.	1133	2037.	1134	2057.
1135	2078.	1136	2099.	1137	2120.	1138	2141.	1139	2162.
1140	2183.	1141	2204.	1142	2225.	1143	2247.	1144	2269.
1145	2291.	1146	2314.	1147	2338.	1148	2362.	1149	2388.
1150	2414.	1151	2442.	1152	2471.	1153	2501.	1154	2533.
1155	2565.	1156	2599.	1157	2634.	1158	2669.	1159	2705.
1160	2743.	1161	2783.	1162	2823.	1163	2862.	1164	2901.
1165	2939.	1166	2977.	1167	3016.	1168	3056.	1169	3099.
1170	3145.	1171	3193.	1172	3242.	1173	3289.	1174	3333.
1175	3372.	1176	3405.	1177	3431.	1178	3448.	1179	3458.
1180	3461.	1181	3457.	1182	3447.	1183	3433.	1184	3415.
1185	3396.	1186	3376.	1187	3356.	1188	3337.	1189	3320.
1190	3304.	1191	3290.	1192	3279.	1193	3268.	1194	3259.
1195	3252.	1196	3245.	1197	3240.	1198	3235.	1199	3231.
1200	3227.	1201	3224.	1202	3222.	1203	3221.	1204	3221.
1205	3223.	1206	3227.	1207	3232.	1208	3238.	1209	3245.
1210	3250.	1211	3255.	1212	3257.	1213	3258.	1214	3256.
1215	3252.	1216	3247.	1217	3239.	1218	3228.	1219	3216.
1220	3201.	1221	3183.	1222	3163.	1223	3140.	1224	3116.
1225	3091.	1226	3065.	1227	3038.	1228	3011.	1229	2984.
1230	2958.	1231	2932.	1232	2906.	1233	2881.	1234	2857.
1235	2832.	1236	2808.	1237	2785.	1238	2761.	1239	2739.
1240	2718.	1241	2697.	1242	2677.	1243	2656.	1244	2635.
1245	2615.	1246	2595.	1247	2576.	1248	2556.	1249	2537.
1250	2519.	1251	2501.	1252	2483.	1253	2466.	1254	2448.
1255	2432.	1256	2415.	1257	2399.	1258	2383.	1259	2367.
1260	2352.	1261	2337.	1262	2323.	1263	2309.	1264	2295.
1265	2281.	1266	2268.	1267	2255.	1268	2242.	1269	2229.
1270	2216.	1271	2203.	1272	2190.	1273	2177.	1274	2164.
1275	2151.	1276	2139.	1277	2126.	1278	2113.	1279	2101.
1280	2088.	1281	2076.	1282	2063.	1283	2051.	1284	2038.
1285	2026.	1286	2015.	1287	2003.	1288	1992.	1289	1981.

CALLEGUA. 990									
1290	1969.	1291	1958.	1292	1947.	1293	1936.	1294	1925.
1295	1914.	1296	1903.	1297	1891.	1298	1880.	1299	1869.
1300	1858.	1310	1755.	1320	1663.	1330	1585.	1340	1508.
1350	1424.	1360	1336.	1370	1247.	1380	1162.	1390	1075.
1400	997.	1420	873.	1440	783.	1460	721.	1500	629.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 SO. BR. ARR. CON. OUTFLOW HYDROGRAPH AT COHEN' S PROPERTY KIMBER/R
 HYDROGRAPH AT 15031 2545B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	97.	200	149.	300	266.	400	321.
500	374.	600	422.	700	478.	800	578.	900	716.
1000	977.	1050	1244.	1100	1648.	1110	1758.	1120	1873.
1130	2066.	1131	2088.	1132	2109.	1133	2131.	1134	2155.
1135	2179.	1136	2200.	1137	2224.	1138	2248.	1139	2272.
1140	2296.	1141	2322.	1142	2347.	1143	2374.	1144	2403.
1145	2433.	1146	2466.	1147	2499.	1148	2534.	1149	2592.
1150	2658.	1151	2696.	1152	2798.	1153	2877.	1154	2931.
1155	2978.	1156	3019.	1157	3033.	1158	3041.	1159	3072.
1160	3039.	1161	3034.	1162	3045.	1163	3050.	1164	3063.
1165	3077.	1166	3095.	1167	3116.	1168	3143.	1169	3181.
1170	3218.	1171	3261.	1172	3303.	1173	3348.	1174	3389.
1175	3426.	1176	3456.	1177	3477.	1178	3495.	1179	3502.
1180	3503.	1181	3498.	1182	3487.	1183	3472.	1184	3453.
1185	3434.	1186	3413.	1187	3393.	1188	3374.	1189	3357.
1190	3341.	1191	3327.	1192	3315.	1193	3304.	1194	3296.
1195	3288.	1196	3281.	1197	3276.	1198	3271.	1199	3267.
1200	3263.	1201	3260.	1202	3257.	1203	3255.	1204	3255.
1205	3255.	1206	3258.	1207	3263.	1208	3268.	1209	3274.
1210	3279.	1211	3282.	1212	3285.	1213	3285.	1214	3283.
1215	3279.	1216	3273.	1217	3265.	1218	3255.	1219	3243.
1220	3228.	1221	3210.	1222	3190.	1223	3167.	1224	3143.
1225	3118.	1226	3091.	1227	3064.	1228	3037.	1229	3011.
1230	2984.	1231	2958.	1232	2933.	1233	2908.	1234	2883.
1235	2859.	1236	2834.	1237	2810.	1238	2787.	1239	2765.
1240	2743.	1241	2723.	1242	2702.	1243	2681.	1244	2661.
1245	2641.	1246	2620.	1247	2601.	1248	2582.	1249	2563.
1250	2545.	1251	2526.	1252	2508.	1253	2491.	1254	2474.
1255	2457.	1256	2440.	1257	2424.	1258	2408.	1259	2392.
1260	2377.	1261	2362.	1262	2347.	1263	2333.	1264	2318.
1265	2304.	1266	2291.	1267	2276.	1268	2263.	1269	2249.
1270	2236.	1271	2223.	1272	2209.	1273	2196.	1274	2184.
1275	2171.	1276	2158.	1277	2145.	1278	2132.	1279	2120.
1280	2107.	1281	2094.	1282	2082.	1283	2069.	1284	2057.
1285	2045.	1286	2034.	1287	2022.	1288	2011.	1289	1999.
1290	1988.	1291	1977.	1292	1966.	1293	1954.	1294	1944.
1295	1932.	1296	1921.	1297	1910.	1298	1899.	1299	1888.
1300	1876.	1310	1768.	1320	1674.	1330	1596.	1340	1519.
1350	1434.	1360	1345.	1370	1256.	1380	1170.	1390	1084.
1400	1005.	1420	881.	1440	791.	1460	726.	1500	635.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 SO. BR. ARR. CON. INFLOW HYDROGRAPH TO EXISTING FLOWAGE EASMT. D/S
 HYDROGRAPH AT 15031 2611B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	224.	200	285.	300	436.	400	532.
500	603.	600	693.	700	794.	800	949.	900	1195.
1000	1669.	1050	2125.	1100	2792.	1110	3010.	1120	3244.
1130	3559.	1131	3599.	1132	3639.	1133	3679.	1134	3721.

CALLEGUA. 990

1135	3764.	1136	3807.	1137	3856.	1138	3904.	1139	3952.
1140	4000.	1141	4051.	1142	4102.	1143	4157.	1144	4215.
1145	4279.	1146	4345.	1147	4416.	1148	4494.	1149	4588.
1150	4688.	1151	4796.	1152	4963.	1153	5141.	1154	5353.
1155	5604.	1156	5845.	1157	6061.	1158	6247.	1159	6382.
1160	6493.	1161	6547.	1162	6571.	1163	6574.	1164	6527.
1165	6438.	1166	6347.	1167	6261.	1168	6181.	1169	6108.
1170	6046.	1171	5997.	1172	5959.	1173	5929.	1174	5910.
1175	5896.	1176	5885.	1177	5879.	1178	5872.	1179	5865.
1180	5853.	1181	5837.	1182	5815.	1183	5789.	1184	5758.
1185	5720.	1186	5675.	1187	5624.	1188	5568.	1189	5508.
1190	5446.	1191	5384.	1192	5322.	1193	5264.	1194	5211.
1195	5161.	1196	5112.	1197	5065.	1198	5020.	1199	4977.
1200	4937.	1201	4899.	1202	4865.	1203	4832.	1204	4801.
1205	4771.	1206	4743.	1207	4716.	1208	4691.	1209	4668.
1210	4648.	1211	4629.	1212	4614.	1213	4600.	1214	4588.
1215	4578.	1216	4568.	1217	4558.	1218	4547.	1219	4535.
1220	4522.	1221	4508.	1222	4491.	1223	4473.	1224	4454.
1225	4432.	1226	4408.	1227	4382.	1228	4355.	1229	4325.
1230	4294.	1231	4262.	1232	4230.	1233	4197.	1234	4164.
1235	4131.	1236	4097.	1237	4065.	1238	4033.	1239	4002.
1240	3971.	1241	3939.	1242	3908.	1243	3877.	1244	3847.
1245	3817.	1246	3788.	1247	3760.	1248	3732.	1249	3704.
1250	3678.	1251	3651.	1252	3625.	1253	3599.	1254	3573.
1255	3548.	1256	3524.	1257	3500.	1258	3476.	1259	3453.
1260	3430.	1261	3408.	1262	3386.	1263	3364.	1264	3342.
1265	3321.	1266	3300.	1267	3278.	1268	3257.	1269	3237.
1270	3216.	1271	3196.	1272	3176.	1273	3157.	1274	3138.
1275	3119.	1276	3100.	1277	3082.	1278	3064.	1279	3047.
1280	3030.	1281	3013.	1282	2996.	1283	2979.	1284	2962.
1285	2945.	1286	2928.	1287	2911.	1288	2894.	1289	2878.
1290	2861.	1291	2845.	1292	2829.	1293	2813.	1294	2798.
1295	2782.	1296	2767.	1297	2752.	1298	2737.	1299	2722.
1300	2708.	1310	2549.	1320	2393.	1330	2262.	1340	2149.
1350	2023.	1360	1891.	1370	1767.	1380	1652.	1390	1541.
1400	1435.	1420	1258.	1440	1125.	1460	1019.	1500	891.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SO. BR. ARR. CON. AT 101/BORCHARD Q100, D/S KIMBER Q 100

HYDROGRAPH AT 15031 2612B

STORM DAY 4

REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	224.	200	285.	300	436.	400	532.
500	603.	600	693.	700	794.	800	949.	900	1195.
1000	1669.	1050	2125.	1100	2792.	1110	3010.	1120	3244.
1130	3559.	1131	3599.	1132	3639.	1133	3679.	1134	3721.
1135	3764.	1136	3807.	1137	3856.	1138	3904.	1139	3952.
1140	4000.	1141	4051.	1142	4102.	1143	4157.	1144	4215.
1145	4279.	1146	4345.	1147	4416.	1148	4494.	1149	4500.
1150	4500.	1151	4500.	1152	4500.	1153	4500.	1154	4500.
1155	4500.	1156	4500.	1157	4500.	1158	4500.	1159	4500.
1160	4500.	1161	4500.	1162	4500.	1163	4500.	1164	4500.
1165	4500.	1166	4500.	1167	4500.	1168	4500.	1169	4500.
1170	4500.	1171	4500.	1172	4500.	1173	4500.	1174	4500.
1175	4500.	1176	4500.	1177	4500.	1178	4500.	1179	4500.
1180	4500.	1181	4500.	1182	4500.	1183	4500.	1184	4500.
1185	4500.	1186	4500.	1187	4500.	1188	4500.	1189	4500.
1190	4500.	1191	4500.	1192	4500.	1193	4500.	1194	4500.
1195	4500.	1196	4500.	1197	4500.	1198	4500.	1199	4500.
1200	4500.	1201	4500.	1202	4500.	1203	4500.	1204	4500.
1205	4500.	1206	4500.	1207	4500.	1208	4500.	1209	4500.

CALLEGUA. 990

1210	4500.	1211	4500.	1212	4500.	1213	4500.	1214	4500.
1215	4500.	1216	4500.	1217	4500.	1218	4500.	1219	4500.
1220	4500.	1221	4500.	1222	4491.	1223	4473.	1224	4454.
1225	4432.	1226	4408.	1227	4382.	1228	4355.	1229	4325.
1230	4294.	1231	4262.	1232	4230.	1233	4197.	1234	4164.
1235	4131.	1236	4097.	1237	4065.	1238	4033.	1239	4002.
1240	3971.	1241	3939.	1242	3908.	1243	3877.	1244	3847.
1245	3817.	1246	3788.	1247	3760.	1248	3732.	1249	3704.
1250	3678.	1251	3651.	1252	3625.	1253	3599.	1254	3573.
1255	3548.	1256	3524.	1257	3500.	1258	3476.	1259	3453.
1260	3430.	1261	3408.	1262	3386.	1263	3364.	1264	3342.
1265	3321.	1266	3300.	1267	3278.	1268	3257.	1269	3237.
1270	3216.	1271	3196.	1272	3176.	1273	3157.	1274	3138.
1275	3119.	1276	3100.	1277	3082.	1278	3064.	1279	3047.
1280	3030.	1281	3013.	1282	2996.	1283	2979.	1284	2962.
1285	2945.	1286	2928.	1287	2911.	1288	2894.	1289	2878.
1290	2861.	1291	2845.	1292	2829.	1293	2813.	1294	2798.
1295	2782.	1296	2767.	1297	2752.	1298	2737.	1299	2722.
1300	2708.	1310	2549.	1320	2393.	1330	2262.	1340	2149.
1350	2023.	1360	1891.	1370	1767.	1380	1652.	1390	1541.
1400	1435.	1420	1258.	1440	1125.	1460	1019.	1500	891.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SO. BR. ARR. CON. BYPASS BASIN VOLUME & ROUTING Q 100
 HYDROGRAPH AT 15031 2613F STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	88.
1150	188.	1151	296.	1152	463.	1153	641.	1154	853.
1155	1104.	1156	1345.	1157	1561.	1158	1747.	1159	1882.
1160	1993.	1161	2047.	1162	2071.	1163	2074.	1164	2027.
1165	1938.	1166	1847.	1167	1761.	1168	1681.	1169	1608.
1170	1546.	1171	1497.	1172	1459.	1173	1429.	1174	1410.
1175	1396.	1176	1385.	1177	1379.	1178	1372.	1179	1365.
1180	1353.	1181	1337.	1182	1315.	1183	1289.	1184	1258.
1185	1220.	1186	1175.	1187	1124.	1188	1068.	1189	1008.
1190	946.	1191	884.	1192	822.	1193	764.	1194	711.
1195	661.	1196	612.	1197	565.	1198	520.	1199	477.
1200	437.	1201	399.	1202	365.	1203	332.	1204	301.
1205	271.	1206	243.	1207	216.	1208	191.	1209	168.
1210	148.	1211	129.	1212	114.	1213	100.	1214	88.
1215	78.	1216	68.	1217	58.	1218	47.	1219	35.
1220	22.	1221	8.	1222	0.	1223	0.	1224	0.
1225	0.	1226	0.	1227	0.	1228	0.	1229	0.
1230	0.	1231	0.	1232	0.	1233	0.	1234	0.
1235	0.	1236	0.	1237	0.	1238	0.	1239	0.
1240	0.	1241	0.	1242	0.	1243	0.	1244	0.
1245	0.	1246	0.	1247	0.	1248	0.	1249	0.
1250	0.	1251	0.	1252	0.	1253	0.	1254	0.
1255	0.	1256	0.	1257	0.	1258	0.	1259	0.
1260	0.	1261	0.	1262	0.	1263	0.	1264	0.
1265	0.	1266	0.	1267	0.	1268	0.	1269	0.
1270	0.	1271	0.	1272	0.	1273	0.	1274	0.
1275	0.	1276	0.	1277	0.	1278	0.	1279	0.
1280	0.	1281	0.	1282	0.	1283	0.	1284	0.

CALLEGUA. 990

1285	0.	1286	0.	1287	0.	1288	0.	1289	0.
1290	0.	1291	0.	1292	0.	1293	0.	1294	0.
1295	0.	1296	0.	1297	0.	1298	0.	1299	0.
1300	0.	1310	0.	1320	0.	1330	0.	1340	0.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

SO. BR. AT 101/BRCHRD Q100D/SKIMBER VCFCD TO KMER-TOMDP TO 101
 HYDROGRAPH AT 15031 2630C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	19.	200	21.	300	26.	400	27.
500	29.	600	32.	700	34.	800	37.	900	43.
1000	54.	1050	69.	1100	78.	1110	101.	1120	97.
1130	130.	1131	130.	1132	131.	1133	134.	1134	138.
1135	141.	1136	140.	1137	145.	1138	149.	1139	153.
1140	158.	1141	165.	1142	169.	1143	173.	1144	181.
1145	194.	1146	204.	1147	215.	1148	226.	1149	274.
1150	306.	1151	308.	1152	310.	1153	312.	1154	314.
1155	318.	1156	323.	1157	328.	1158	335.	1159	343.
1160	306.	1161	232.	1162	197.	1163	185.	1164	181.
1165	172.	1166	167.	1167	162.	1168	158.	1169	159.
1170	154.	1171	153.	1172	149.	1173	146.	1174	146.
1175	145.	1176	144.	1177	140.	1178	138.	1179	139.
1180	138.	1181	137.	1182	137.	1183	136.	1184	136.
1185	132.	1186	128.	1187	125.	1188	121.	1189	118.
1190	114.	1191	111.	1192	108.	1193	105.	1194	103.
1195	101.	1196	98.	1197	96.	1198	94.	1199	92.
1200	90.	1201	87.	1202	85.	1203	82.	1204	80.
1205	78.	1206	75.	1207	74.	1208	71.	1209	70.
1210	69.	1211	68.	1212	67.	1213	67.	1214	66.
1215	65.	1216	65.	1217	64.	1218	63.	1219	62.
1220	62.	1221	62.	1222	61.	1223	60.	1224	60.
1225	60.	1226	59.	1227	59.	1228	59.	1229	58.
1230	58.	1231	57.	1232	57.	1233	56.	1234	56.
1235	56.	1236	56.	1237	55.	1238	55.	1239	55.
1240	54.	1241	54.	1242	54.	1243	53.	1244	54.
1245	54.	1246	53.	1247	53.	1248	53.	1249	53.
1250	53.	1251	53.	1252	52.	1253	53.	1254	53.
1255	52.	1256	52.	1257	52.	1258	52.	1259	52.
1260	52.	1261	52.	1262	51.	1263	50.	1264	50.
1265	50.	1266	49.	1267	48.	1268	48.	1269	48.
1270	48.	1271	48.	1272	48.	1273	48.	1274	48.
1275	48.	1276	48.	1277	47.	1278	47.	1279	47.
1280	47.	1281	47.	1282	47.	1283	47.	1284	47.
1285	46.	1286	46.	1287	46.	1288	46.	1289	46.
1290	46.	1291	46.	1292	46.	1293	45.	1294	45.
1295	45.	1296	45.	1297	45.	1298	45.	1299	45.
1300	45.	1310	39.	1320	38.	1330	36.	1340	34.
1350	28.	1360	26.	1370	24.	1380	23.	1390	22.
1400	21.	1420	18.	1440	18.	1460	14.	1500	14.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

5000 CFS FLOW-THROUGH UNDER HWY 101 CUTOFF VALUE
 HYDROGRAPH AT 15031 2636C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	25.	200	27.	300	33.	400	35.
500	37.	600	40.	700	43.	800	47.	900	56.
1000	74.	1050	97.	1100	110.	1110	146.	1120	142.

CALLEGUA. 990

1130	192.	1131	193.	1132	194.	1133	199.	1134	205.
1135	210.	1136	209.	1137	216.	1138	223.	1139	229.
1140	236.	1141	247.	1142	253.	1143	260.	1144	271.
1145	291.	1146	307.	1147	324.	1148	341.	1149	413.
1150	468.	1151	470.	1152	475.	1153	477.	1154	479.
1155	483.	1156	488.	1157	493.	1158	500.	1159	508.
1160	471.	1161	397.	1162	362.	1163	346.	1164	330.
1165	302.	1166	281.	1167	261.	1168	246.	1169	239.
1170	225.	1171	219.	1172	210.	1173	200.	1174	198.
1175	194.	1176	191.	1177	183.	1178	177.	1179	178.
1180	174.	1181	173.	1182	171.	1183	168.	1184	168.
1185	163.	1186	159.	1187	155.	1188	151.	1189	147.
1190	142.	1191	139.	1192	136.	1193	133.	1194	130.
1195	128.	1196	125.	1197	123.	1198	121.	1199	118.
1200	117.	1201	114.	1202	111.	1203	107.	1204	105.
1205	102.	1206	99.	1207	97.	1208	94.	1209	93.
1210	91.	1211	89.	1212	89.	1213	88.	1214	87.
1215	86.	1216	85.	1217	85.	1218	83.	1219	82.
1220	82.	1221	82.	1222	80.	1223	80.	1224	80.
1225	80.	1226	79.	1227	78.	1228	78.	1229	78.
1230	77.	1231	77.	1232	77.	1233	76.	1234	75.
1235	76.	1236	75.	1237	74.	1238	74.	1239	74.
1240	73.	1241	73.	1242	73.	1243	72.	1244	73.
1245	72.	1246	72.	1247	72.	1248	72.	1249	71.
1250	72.	1251	71.	1252	71.	1253	71.	1254	71.
1255	71.	1256	71.	1257	71.	1258	70.	1259	71.
1260	71.	1261	70.	1262	69.	1263	68.	1264	68.
1265	67.	1266	66.	1267	65.	1268	64.	1269	64.
1270	64.	1271	64.	1272	64.	1273	64.	1274	63.
1275	63.	1276	63.	1277	62.	1278	62.	1279	61.
1280	62.	1281	61.	1282	61.	1283	61.	1284	61.
1285	61.	1286	60.	1287	60.	1288	60.	1289	60.
1290	60.	1291	59.	1292	60.	1293	59.	1294	59.
1295	59.	1296	59.	1297	59.	1298	59.	1299	59.
1300	59.	1310	49.	1320	47.	1330	45.	1340	43.
1350	35.	1360	33.	1370	31.	1380	29.	1390	28.
1400	27.	1420	23.	1440	23.	1460	16.	1500	16.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

POSSIBLE BASIN SITE									
HYDROGRAPH AT 15031		2647D		STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	59.	200	65.	300	80.	400	84.
500	89.	600	99.	700	107.	800	117.	900	137.
1000	176.	1050	215.	1100	243.	1110	277.	1120	301.
1130	351.	1131	359.	1132	365.	1133	372.	1134	379.
1135	386.	1136	392.	1137	400.	1138	408.	1139	417.
1140	425.	1141	436.	1142	448.	1143	460.	1144	472.
1145	488.	1146	505.	1147	526.	1148	547.	1149	588.
1150	639.	1151	674.	1152	755.	1153	840.	1154	907.
1155	975.	1156	1041.	1157	1099.	1158	1152.	1159	1203.
1160	1237.	1161	1255.	1162	1267.	1163	1246.	1164	1213.
1165	1159.	1166	1108.	1167	1049.	1168	980.	1169	909.
1170	838.	1171	769.	1172	702.	1173	640.	1174	585.
1175	534.	1176	490.	1177	452.	1178	421.	1179	395.
1180	370.	1181	350.	1182	331.	1183	316.	1184	302.
1185	290.	1186	280.	1187	271.	1188	264.	1189	258.
1190	252.	1191	247.	1192	242.	1193	238.	1194	235.
1195	232.	1196	229.	1197	227.	1198	225.	1199	223.
1200	221.	1201	219.	1202	217.	1203	216.	1204	215.

CALLEGUA. 990

1205	213.	1206	211.	1207	210.	1208	208.	1209	207.
1210	205.	1211	203.	1212	201.	1213	199.	1214	198.
1215	195.	1216	194.	1217	192.	1218	190.	1219	189.
1220	187.	1221	186.	1222	185.	1223	183.	1224	182.
1225	181.	1226	181.	1227	180.	1228	179.	1229	179.
1230	178.	1231	177.	1232	177.	1233	176.	1234	176.
1235	176.	1236	175.	1237	175.	1238	175.	1239	174.
1240	174.	1241	173.	1242	173.	1243	173.	1244	173.
1245	172.	1246	172.	1247	172.	1248	172.	1249	171.
1250	171.	1251	171.	1252	170.	1253	170.	1254	170.
1255	169.	1256	169.	1257	169.	1258	168.	1259	168.
1260	168.	1261	168.	1262	167.	1263	166.	1264	166.
1265	165.	1266	164.	1267	163.	1268	162.	1269	162.
1270	160.	1271	159.	1272	158.	1273	157.	1274	156.
1275	155.	1276	154.	1277	153.	1278	153.	1279	151.
1280	151.	1281	150.	1282	149.	1283	148.	1284	147.
1285	147.	1286	146.	1287	145.	1288	144.	1289	144.
1290	143.	1291	143.	1292	142.	1293	142.	1294	142.
1295	141.	1296	141.	1297	141.	1298	141.	1299	140.
1300	140.	1310	129.	1320	118.	1330	111.	1340	105.
1350	91.	1360	79.	1370	73.	1380	67.	1390	64.
1400	62.	1420	57.	1440	57.	1460	52.	1500	52.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

SBAC PRIOR TO CONF W/ARR CONEJO-Q100 PRES1993 W A/R

HYDROGRAPH AT 15031 2688C

STORM DAY 4

REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	208.	200	230.	300	280.	400	296.
500	316.	600	349.	700	384.	800	428.	900	521.
1000	707.	1050	888.	1100	1069.	1110	1194.	1120	1327.
1130	1516.	1131	1544.	1132	1569.	1133	1595.	1134	1624.
1135	1655.	1136	1685.	1137	1718.	1138	1752.	1139	1788.
1140	1826.	1141	1866.	1142	1909.	1143	1954.	1144	2002.
1145	2057.	1146	2121.	1147	2194.	1148	2273.	1149	2388.
1150	2542.	1151	2693.	1152	2911.	1153	3164.	1154	3433.
1155	3692.	1156	3928.	1157	4123.	1158	4278.	1159	4388.
1160	4406.	1161	4376.	1162	4270.	1163	4106.	1164	3928.
1165	3751.	1166	3583.	1167	3427.	1168	3284.	1169	3154.
1170	3029.	1171	2906.	1172	2782.	1173	2657.	1174	2530.
1175	2404.	1176	2284.	1177	2168.	1178	2060.	1179	1957.
1180	1863.	1181	1778.	1182	1701.	1183	1631.	1184	1568.
1185	1514.	1186	1465.	1187	1419.	1188	1378.	1189	1342.
1190	1309.	1191	1280.	1192	1253.	1193	1230.	1194	1209.
1195	1191.	1196	1174.	1197	1159.	1198	1146.	1199	1133.
1200	1122.	1201	1111.	1202	1099.	1203	1088.	1204	1076.
1205	1063.	1206	1050.	1207	1038.	1208	1024.	1209	1011.
1210	998.	1211	984.	1212	971.	1213	958.	1214	946.
1215	934.	1216	923.	1217	913.	1218	904.	1219	896.
1220	888.	1221	882.	1222	876.	1223	870.	1224	864.
1225	859.	1226	854.	1227	849.	1228	844.	1229	840.
1230	836.	1231	832.	1232	828.	1233	824.	1234	820.
1235	817.	1236	813.	1237	809.	1238	806.	1239	802.
1240	798.	1241	795.	1242	791.	1243	787.	1244	783.
1245	780.	1246	776.	1247	772.	1248	769.	1249	765.
1250	763.	1251	760.	1252	757.	1253	754.	1254	752.
1255	749.	1256	747.	1257	745.	1258	743.	1259	741.
1260	740.	1261	738.	1262	735.	1263	732.	1264	729.
1265	726.	1266	723.	1267	719.	1268	714.	1269	710.
1270	705.	1271	699.	1272	694.	1273	688.	1274	682.
1275	677.	1276	671.	1277	665.	1278	660.	1279	655.

CALLEGUA. 990									
1280	650.	1281	646.	1282	642.	1283	638.	1284	634.
1285	631.	1286	628.	1287	625.	1288	622.	1289	620.
1290	618.	1291	615.	1292	613.	1293	611.	1294	609.
1295	607.	1296	605.	1297	604.	1298	602.	1299	601.
1300	599.	1310	555.	1320	502.	1330	467.	1340	445.
1350	403.	1360	354.	1370	318.	1380	295.	1390	283.
1400	273.	1420	253.	1440	240.	1460	219.	1500	206.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LANG CK. W/OUT RBF BSN-VCFC D RTG. TO ARR. CON. JCT. Q100F DBT 1/99
 HYDROGRAPH AT 15031 2705C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	3.	400	3.
500	4.	600	6.	700	7.	800	9.	900	12.
1000	18.	1050	25.	1100	28.	1110	41.	1120	39.
1130	55.	1131	57.	1132	58.	1133	60.	1134	61.
1135	63.	1136	62.	1137	64.	1138	65.	1139	67.
1140	69.	1141	73.	1142	76.	1143	79.	1144	83.
1145	89.	1146	94.	1147	99.	1148	107.	1149	132.
1150	158.	1151	157.	1152	210.	1153	234.	1154	237.
1155	237.	1156	236.	1157	230.	1158	223.	1159	215.
1160	209.	1161	180.	1162	151.	1163	149.	1164	95.
1165	64.	1166	55.	1167	49.	1168	45.	1169	44.
1170	40.	1171	38.	1172	35.	1173	34.	1174	33.
1175	32.	1176	28.	1177	28.	1178	27.	1179	27.
1180	26.	1181	23.	1182	25.	1183	24.	1184	23.
1185	23.	1186	23.	1187	23.	1188	23.	1189	23.
1190	23.	1191	23.	1192	23.	1193	23.	1194	23.
1195	23.	1196	23.	1197	23.	1198	23.	1199	23.
1200	23.	1201	22.	1202	22.	1203	21.	1204	21.
1205	20.	1206	19.	1207	19.	1208	19.	1209	18.
1210	17.	1211	17.	1212	17.	1213	17.	1214	17.
1215	17.	1216	17.	1217	17.	1218	17.	1219	17.
1220	17.	1221	17.	1222	17.	1223	17.	1224	17.
1225	17.	1226	17.	1227	17.	1228	17.	1229	17.
1230	17.	1231	17.	1232	17.	1233	17.	1234	17.
1235	17.	1236	17.	1237	16.	1238	17.	1239	17.
1240	16.	1241	16.	1242	16.	1243	16.	1244	16.
1245	16.	1246	16.	1247	16.	1248	16.	1249	16.
1250	16.	1251	16.	1252	16.	1253	16.	1254	16.
1255	16.	1256	16.	1257	16.	1258	16.	1259	16.
1260	16.	1261	16.	1262	15.	1263	15.	1264	15.
1265	15.	1266	14.	1267	14.	1268	13.	1269	13.
1270	13.	1271	12.	1272	12.	1273	12.	1274	12.
1275	12.	1276	12.	1277	12.	1278	12.	1279	12.
1280	12.	1281	12.	1282	12.	1283	12.	1284	12.
1285	12.	1286	12.	1287	12.	1288	12.	1289	12.
1290	12.	1291	12.	1292	12.	1293	12.	1294	12.
1295	12.	1296	12.	1297	12.	1298	12.	1299	12.
1300	12.	1310	7.	1320	6.	1330	6.	1340	6.
1350	0.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LANG CREEK AT WESTLAKE BLVD DEBRIS BSN SITE, Q100 DEV. YIELD=3.8
 HYDROGRAPH AT 15031 2764C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	44.	200	47.	300	69.	400	88.
500	105.	600	126.	700	151.	800	174.	900	226.

CALLEGUA. 990

1000	333.	1050	462.	1100	588.	1110	679.	1120	746.
1130	898.	1131	921.	1132	941.	1133	963.	1134	985.
1135	1006.	1136	1025.	1137	1048.	1138	1071.	1139	1096.
1140	1123.	1141	1154.	1142	1188.	1143	1223.	1144	1261.
1145	1308.	1146	1357.	1147	1414.	1148	1475.	1149	1584.
1150	1718.	1151	1818.	1152	2035.	1153	2235.	1154	2414.
1155	2579.	1156	2726.	1157	2850.	1158	2943.	1159	3019.
1160	3083.	1161	3080.	1162	3104.	1163	3104.	1164	3080.
1165	3081.	1166	3099.	1167	3115.	1168	3141.	1169	3173.
1170	3190.	1171	3196.	1172	3185.	1173	3154.	1174	3106.
1175	3037.	1176	2953.	1177	2857.	1178	2748.	1179	2637.
1180	2519.	1181	2401.	1182	2285.	1183	2169.	1184	2058.
1185	1951.	1186	1849.	1187	1752.	1188	1660.	1189	1575.
1190	1494.	1191	1419.	1192	1349.	1193	1283.	1194	1223.
1195	1167.	1196	1114.	1197	1066.	1198	1022.	1199	981.
1200	943.	1201	907.	1202	873.	1203	841.	1204	812.
1205	784.	1206	756.	1207	731.	1208	707.	1209	684.
1210	663.	1211	642.	1212	624.	1213	608.	1214	593.
1215	579.	1216	566.	1217	555.	1218	544.	1219	534.
1220	525.	1221	517.	1222	509.	1223	501.	1224	494.
1225	487.	1226	481.	1227	474.	1228	468.	1229	463.
1230	457.	1231	452.	1232	447.	1233	442.	1234	437.
1235	433.	1236	428.	1237	424.	1238	420.	1239	416.
1240	412.	1241	408.	1242	405.	1243	401.	1244	397.
1245	394.	1246	390.	1247	387.	1248	384.	1249	381.
1250	378.	1251	375.	1252	372.	1253	370.	1254	367.
1255	365.	1256	362.	1257	360.	1258	358.	1259	356.
1260	355.	1261	353.	1262	350.	1263	347.	1264	345.
1265	342.	1266	339.	1267	335.	1268	332.	1269	330.
1270	326.	1271	323.	1272	321.	1273	318.	1274	316.
1275	314.	1276	313.	1277	312.	1278	311.	1279	310.
1280	309.	1281	308.	1282	307.	1283	306.	1284	306.
1285	305.	1286	304.	1287	303.	1288	303.	1289	302.
1290	301.	1291	300.	1292	299.	1293	298.	1294	298.
1295	296.	1296	296.	1297	295.	1298	294.	1299	293.
1300	292.	1310	259.	1320	233.	1330	217.	1340	202.
1350	172.	1360	149.	1370	133.	1380	119.	1390	107.
1400	96.	1420	76.	1440	64.	1460	48.	1500	37.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

LANG CK.W/OUT DETENTION DAM Q100 DEV.

HYDROGRAPH AT 15031 2768C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	50.	200	53.	300	73.	400	95.
500	112.	600	135.	700	160.	800	185.	900	236.
1000	345.	1050	468.	1100	605.	1110	665.	1120	740.
1130	864.	1131	878.	1132	893.	1133	909.	1134	927.
1135	946.	1136	964.	1137	986.	1138	1008.	1139	1031.
1140	1054.	1141	1080.	1142	1106.	1143	1133.	1144	1161.
1145	1195.	1146	1233.	1147	1271.	1148	1314.	1149	1379.
1150	1450.	1151	1505.	1152	1624.	1153	1740.	1154	1862.
1155	2008.	1156	2178.	1157	2355.	1158	2528.	1159	2674.
1160	2801.	1161	2926.	1162	2984.	1163	3037.	1164	3081.
1165	3108.	1166	3122.	1167	3125.	1168	3129.	1169	3138.
1170	3147.	1171	3165.	1172	3185.	1173	3202.	1174	3210.
1175	3210.	1176	3195.	1177	3165.	1178	3118.	1179	3055.
1180	2982.	1181	2896.	1182	2802.	1183	2701.	1184	2597.
1185	2492.	1186	2385.	1187	2281.	1188	2178.	1189	2080.
1190	1983.	1191	1890.	1192	1801.	1193	1719.	1194	1639.
1195	1564.	1196	1494.	1197	1427.	1198	1365.	1199	1307.

CALLEGUA. 990

1200	1253.	1201	1201.	1202	1153.	1203	1108.	1204	1066.
1205	1026.	1206	989.	1207	954.	1208	921.	1209	891.
1210	861.	1211	833.	1212	806.	1213	781.	1214	757.
1215	734.	1216	713.	1217	694.	1218	675.	1219	658.
1220	642.	1221	628.	1222	614.	1223	600.	1224	589.
1225	579.	1226	569.	1227	559.	1228	550.	1229	542.
1230	534.	1231	526.	1232	519.	1233	512.	1234	505.
1235	498.	1236	492.	1237	486.	1238	481.	1239	475.
1240	470.	1241	466.	1242	461.	1243	457.	1244	453.
1245	448.	1246	444.	1247	440.	1248	436.	1249	432.
1250	429.	1251	425.	1252	421.	1253	418.	1254	414.
1255	411.	1256	408.	1257	405.	1258	402.	1259	399.
1260	396.	1261	393.	1262	390.	1263	387.	1264	385.
1265	383.	1266	380.	1267	377.	1268	375.	1269	372.
1270	369.	1271	366.	1272	363.	1273	361.	1274	357.
1275	354.	1276	351.	1277	349.	1278	346.	1279	343.
1280	341.	1281	339.	1282	337.	1283	335.	1284	334.
1285	333.	1286	331.	1287	329.	1288	328.	1289	328.
1290	326.	1291	325.	1292	324.	1293	324.	1294	323.
1295	322.	1296	321.	1297	320.	1298	319.	1299	318.
1300	317.	1310	297.	1320	271.	1330	246.	1340	229.
1350	206.	1360	182.	1370	160.	1380	143.	1390	128.
1400	116.	1420	94.	1440	78.	1460	62.	1500	46.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

LANG CREEK AT ERBES W/OUT DETENTION DAM Q100 DEV
 HYDROGRAPH AT 15031 2782C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	72.	200	75.	300	104.	400	134.
500	158.	600	192.	700	225.	800	263.	900	329.
1000	469.	1050	613.	1100	783.	1110	855.	1120	926.
1130	1060.	1131	1074.	1132	1089.	1133	1104.	1134	1121.
1135	1138.	1136	1152.	1137	1173.	1138	1194.	1139	1216.
1140	1239.	1141	1266.	1142	1292.	1143	1318.	1144	1346.
1145	1381.	1146	1417.	1147	1456.	1148	1497.	1149	1578.
1150	1662.	1151	1701.	1152	1848.	1153	1954.	1154	2035.
1155	2126.	1156	2234.	1157	2352.	1158	2464.	1159	2578.
1160	2702.	1161	2764.	1162	2854.	1163	2943.	1164	3011.
1165	3088.	1166	3170.	1167	3239.	1168	3294.	1169	3338.
1170	3362.	1171	3381.	1172	3393.	1173	3401.	1174	3410.
1175	3413.	1176	3415.	1177	3416.	1178	3415.	1179	3418.
1180	3419.	1181	3421.	1182	3425.	1183	3424.	1184	3420.
1185	3411.	1186	3394.	1187	3369.	1188	3335.	1189	3292.
1190	3239.	1191	3178.	1192	3110.	1193	3037.	1194	2959.
1195	2878.	1196	2794.	1197	2710.	1198	2625.	1199	2540.
1200	2456.	1201	2374.	1202	2293.	1203	2214.	1204	2138.
1205	2064.	1206	1991.	1207	1923.	1208	1856.	1209	1792.
1210	1731.	1211	1672.	1212	1617.	1213	1564.	1214	1513.
1215	1464.	1216	1418.	1217	1375.	1218	1332.	1219	1292.
1220	1255.	1221	1219.	1222	1185.	1223	1152.	1224	1122.
1225	1093.	1226	1065.	1227	1039.	1228	1015.	1229	991.
1230	968.	1231	946.	1232	925.	1233	905.	1234	886.
1235	869.	1236	852.	1237	836.	1238	821.	1239	807.
1240	793.	1241	781.	1242	769.	1243	757.	1244	747.
1245	736.	1246	726.	1247	717.	1248	708.	1249	699.
1250	691.	1251	682.	1252	674.	1253	667.	1254	660.
1255	653.	1256	647.	1257	641.	1258	635.	1259	629.
1260	624.	1261	619.	1262	612.	1263	607.	1264	603.
1265	598.	1266	593.	1267	588.	1268	584.	1269	579.
1270	574.	1271	569.	1272	565.	1273	561.	1274	556.

CALLEGUA. 990									
1275	551.	1276	547.	1277	542.	1278	538.	1279	533.
1280	529.	1281	525.	1282	520.	1283	516.	1284	512.
1285	509.	1286	505.	1287	501.	1288	498.	1289	495.
1290	491.	1291	488.	1292	485.	1293	481.	1294	479.
1295	476.	1296	473.	1297	471.	1298	468.	1299	465.
1300	463.	1310	433.	1320	407.	1330	379.	1340	352.
1350	319.	1360	287.	1370	254.	1380	228.	1390	205.
1400	186.	1420	155.	1440	132.	1460	110.	1500	82.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LANG CREEK AT EL MONTE W/OUT DETENTION DAM Q100 DEV
 HYDROGRAPH AT 15031 2785C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	80.	200	83.	300	112.	400	144.
500	169.	600	205.	700	240.	800	280.	900	349.
1000	495.	1050	644.	1100	822.	1110	894.	1120	969.
1130	1095.	1131	1110.	1132	1125.	1133	1142.	1134	1160.
1135	1178.	1136	1194.	1137	1213.	1138	1231.	1139	1251.
1140	1271.	1141	1295.	1142	1320.	1143	1347.	1144	1376.
1145	1409.	1146	1445.	1147	1483.	1148	1525.	1149	1587.
1150	1657.	1151	1717.	1152	1834.	1153	1948.	1154	2063.
1155	2183.	1156	2308.	1157	2421.	1158	2517.	1159	2584.
1160	2644.	1161	2721.	1162	2752.	1163	2795.	1164	2845.
1165	2899.	1166	2964.	1167	3034.	1168	3105.	1169	3178.
1170	3244.	1171	3306.	1172	3357.	1173	3395.	1174	3420.
1175	3438.	1176	3450.	1177	3459.	1178	3464.	1179	3465.
1180	3467.	1181	3467.	1182	3467.	1183	3467.	1184	3468.
1185	3469.	1186	3469.	1187	3467.	1188	3461.	1189	3450.
1190	3431.	1191	3404.	1192	3368.	1193	3325.	1194	3273.
1195	3214.	1196	3149.	1197	3079.	1198	3004.	1199	2925.
1200	2845.	1201	2762.	1202	2680.	1203	2599.	1204	2518.
1205	2436.	1206	2357.	1207	2279.	1208	2203.	1209	2129.
1210	2059.	1211	1991.	1212	1926.	1213	1864.	1214	1803.
1215	1745.	1216	1690.	1217	1638.	1218	1587.	1219	1538.
1220	1493.	1221	1450.	1222	1408.	1223	1367.	1224	1329.
1225	1294.	1226	1259.	1227	1226.	1228	1195.	1229	1165.
1230	1136.	1231	1109.	1232	1084.	1233	1060.	1234	1036.
1235	1013.	1236	991.	1237	970.	1238	951.	1239	933.
1240	915.	1241	898.	1242	882.	1243	866.	1244	852.
1245	838.	1246	825.	1247	813.	1248	802.	1249	791.
1250	781.	1251	770.	1252	760.	1253	751.	1254	742.
1255	733.	1256	725.	1257	717.	1258	709.	1259	702.
1260	695.	1261	688.	1262	681.	1263	675.	1264	668.
1265	662.	1266	656.	1267	649.	1268	644.	1269	638.
1270	633.	1271	627.	1272	622.	1273	617.	1274	612.
1275	607.	1276	603.	1277	598.	1278	593.	1279	589.
1280	584.	1281	580.	1282	575.	1283	570.	1284	566.
1285	562.	1286	557.	1287	553.	1288	549.	1289	545.
1290	541.	1291	537.	1292	533.	1293	530.	1294	526.
1295	523.	1296	519.	1297	516.	1298	513.	1299	510.
1300	507.	1310	473.	1320	442.	1330	415.	1340	388.
1350	355.	1360	320.	1370	288.	1380	259.	1390	234.
1400	213.	1420	176.	1440	149.	1460	123.	1500	89.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LANG CREEK UPSTREAM OF HWY 23 W/OUT DETENTION DAM Q100 DEV
 HYDROGRAPH AT 15031 2791C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	91.	200	95.	300	126.	400	160.

CALLEGUA. 990									
500	186.	600	224.	700	261.	800	304.	900	378.
1000	533.	1050	696.	1100	882.	1110	965.	1120	1051.
1130	1185.	1131	1203.	1132	1220.	1133	1239.	1134	1260.
1135	1280.	1136	1298.	1137	1319.	1138	1341.	1139	1362.
1140	1385.	1141	1410.	1142	1437.	1143	1465.	1144	1496.
1145	1532.	1146	1573.	1147	1617.	1148	1663.	1149	1734.
1150	1821.	1151	1887.	1152	2019.	1153	2149.	1154	2270.
1155	2403.	1156	2533.	1157	2663.	1158	2791.	1159	2909.
1160	2998.	1161	3059.	1162	3118.	1163	3133.	1164	3133.
1165	3158.	1166	3149.	1167	3160.	1168	3186.	1169	3228.
1170	3273.	1171	3323.	1172	3373.	1173	3421.	1174	3461.
1175	3491.	1176	3513.	1177	3528.	1178	3535.	1179	3541.
1180	3541.	1181	3542.	1182	3541.	1183	3537.	1184	3537.
1185	3535.	1186	3533.	1187	3533.	1188	3531.	1189	3528.
1190	3521.	1191	3510.	1192	3491.	1193	3466.	1194	3432.
1195	3390.	1196	3340.	1197	3284.	1198	3222.	1199	3153.
1200	3082.	1201	3006.	1202	2927.	1203	2846.	1204	2764.
1205	2682.	1206	2601.	1207	2521.	1208	2442.	1209	2364.
1210	2288.	1211	2214.	1212	2142.	1213	2073.	1214	2007.
1215	1944.	1216	1884.	1217	1826.	1218	1770.	1219	1716.
1220	1666.	1221	1617.	1222	1570.	1223	1525.	1224	1482.
1225	1442.	1226	1404.	1227	1368.	1228	1333.	1229	1299.
1230	1267.	1231	1236.	1232	1206.	1233	1178.	1234	1152.
1235	1127.	1236	1102.	1237	1079.	1238	1057.	1239	1035.
1240	1014.	1241	995.	1242	976.	1243	958.	1244	942.
1245	927.	1246	911.	1247	897.	1248	883.	1249	870.
1250	858.	1251	847.	1252	836.	1253	825.	1254	815.
1255	805.	1256	796.	1257	786.	1258	777.	1259	769.
1260	761.	1261	753.	1262	745.	1263	738.	1264	730.
1265	723.	1266	716.	1267	709.	1268	702.	1269	696.
1270	689.	1271	683.	1272	677.	1273	671.	1274	665.
1275	660.	1276	654.	1277	649.	1278	644.	1279	639.
1280	634.	1281	629.	1282	625.	1283	620.	1284	615.
1285	611.	1286	606.	1287	602.	1288	597.	1289	593.
1290	589.	1291	584.	1292	580.	1293	576.	1294	572.
1295	568.	1296	564.	1297	561.	1298	558.	1299	554.
1300	551.	1310	513.	1320	478.	1330	448.	1340	421.
1350	386.	1360	349.	1370	314.	1380	284.	1390	257.
1400	234.	1420	195.	1440	166.	1460	137.	1500	99.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 LANG CREEK AT SPALDING W/OUT DETENTION DAM Q100 DEV
 HYDROGRAPH AT 15031 2802C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	113.	200	117.	300	155.	400	192.
500	221.	600	265.	700	307.	800	354.	900	440.
1000	616.	1050	806.	1100	1010.	1110	1111.	1120	1218.
1130	1377.	1131	1398.	1132	1417.	1133	1440.	1134	1463.
1135	1488.	1136	1511.	1137	1537.	1138	1564.	1139	1591.
1140	1619.	1141	1650.	1142	1683.	1143	1717.	1144	1753.
1145	1795.	1146	1842.	1147	1892.	1148	1948.	1149	2037.
1150	2146.	1151	2233.	1152	2392.	1153	2565.	1154	2723.
1155	2883.	1156	3046.	1157	3209.	1158	3368.	1159	3513.
1160	3639.	1161	3754.	1162	3823.	1163	3850.	1164	3874.
1165	3827.	1166	3778.	1167	3722.	1168	3654.	1169	3604.
1170	3556.	1171	3522.	1172	3518.	1173	3531.	1174	3556.
1175	3586.	1176	3618.	1177	3643.	1178	3666.	1179	3680.
1180	3690.	1181	3695.	1182	3693.	1183	3691.	1184	3687.
1185	3682.	1186	3677.	1187	3672.	1188	3667.	1189	3664.
1190	3661.	1191	3657.	1192	3651.	1193	3643.	1194	3631.

CALLEGUA. 990

1195	3613.	1196	3588.	1197	3556.	1198	3516.	1199	3470.
1200	3416.	1201	3356.	1202	3290.	1203	3219.	1204	3145.
1205	3067.	1206	2988.	1207	2908.	1208	2827.	1209	2746.
1210	2665.	1211	2585.	1212	2507.	1213	2430.	1214	2357.
1215	2284.	1216	2215.	1217	2148.	1218	2084.	1219	2022.
1220	1962.	1221	1907.	1222	1854.	1223	1802.	1224	1753.
1225	1705.	1226	1660.	1227	1616.	1228	1576.	1229	1537.
1230	1499.	1231	1462.	1232	1428.	1233	1396.	1234	1365.
1235	1334.	1236	1305.	1237	1277.	1238	1250.	1239	1225.
1240	1200.	1241	1176.	1242	1154.	1243	1132.	1244	1112.
1245	1092.	1246	1073.	1247	1056.	1248	1039.	1249	1023.
1250	1008.	1251	993.	1252	979.	1253	966.	1254	954.
1255	943.	1256	932.	1257	921.	1258	910.	1259	900.
1260	890.	1261	881.	1262	871.	1263	862.	1264	853.
1265	844.	1266	835.	1267	827.	1268	818.	1269	810.
1270	802.	1271	793.	1272	785.	1273	778.	1274	770.
1275	763.	1276	756.	1277	749.	1278	743.	1279	736.
1280	731.	1281	725.	1282	719.	1283	714.	1284	709.
1285	704.	1286	699.	1287	694.	1288	690.	1289	685.
1290	680.	1291	676.	1292	671.	1293	667.	1294	662.
1295	658.	1296	654.	1297	650.	1298	646.	1299	641.
1300	638.	1310	590.	1320	548.	1330	512.	1340	482.
1350	441.	1360	399.	1370	360.	1380	326.	1390	297.
1400	272.	1420	229.	1440	197.	1460	165.	1500	122.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

LANG CRREK DOWNSTREAM OF WILBUR RD. W/OUT DETENT. DAM Q100 DEV
 HYDROGRAPH AT 15031 2805C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	124.	200	129.	300	165.	400	205.
500	235.	600	280.	700	323.	800	372.	900	461.
1000	644.	1050	834.	1100	1051.	1110	1136.	1120	1251.
1130	1404.	1131	1422.	1132	1441.	1133	1462.	1134	1485.
1135	1507.	1136	1529.	1137	1553.	1138	1578.	1139	1604.
1140	1631.	1141	1661.	1142	1693.	1143	1727.	1144	1762.
1145	1802.	1146	1843.	1147	1887.	1148	1933.	1149	2000.
1150	2078.	1151	2149.	1152	2275.	1153	2403.	1154	2539.
1155	2686.	1156	2846.	1157	3012.	1158	3176.	1159	3334.
1160	3492.	1161	3640.	1162	3773.	1163	3871.	1164	3949.
1165	4010.	1166	3996.	1167	3973.	1168	3944.	1169	3901.
1170	3845.	1171	3786.	1172	3728.	1173	3676.	1174	3636.
1175	3612.	1176	3606.	1177	3614.	1178	3630.	1179	3655.
1180	3680.	1181	3702.	1182	3720.	1183	3730.	1184	3739.
1185	3742.	1186	3741.	1187	3738.	1188	3734.	1189	3730.
1190	3725.	1191	3720.	1192	3716.	1193	3713.	1194	3708.
1195	3703.	1196	3695.	1197	3684.	1198	3669.	1199	3648.
1200	3621.	1201	3587.	1202	3546.	1203	3497.	1204	3442.
1205	3381.	1206	3315.	1207	3244.	1208	3170.	1209	3095.
1210	3017.	1211	2938.	1212	2859.	1213	2780.	1214	2700.
1215	2623.	1216	2547.	1217	2474.	1218	2402.	1219	2332.
1220	2264.	1221	2199.	1222	2136.	1223	2076.	1224	2019.
1225	1964.	1226	1911.	1227	1860.	1228	1811.	1229	1765.
1230	1719.	1231	1675.	1232	1635.	1233	1597.	1234	1560.
1235	1524.	1236	1489.	1237	1456.	1238	1424.	1239	1394.
1240	1365.	1241	1337.	1242	1309.	1243	1283.	1244	1258.
1245	1234.	1246	1211.	1247	1190.	1248	1169.	1249	1148.
1250	1129.	1251	1112.	1252	1094.	1253	1078.	1254	1062.
1255	1047.	1256	1033.	1257	1019.	1258	1006.	1259	994.
1260	982.	1261	971.	1262	960.	1263	949.	1264	938.
1265	928.	1266	918.	1267	907.	1268	898.	1269	888.

CALLEGUA. 990									
1270	878.	1271	869.	1272	860.	1273	851.	1274	842.
1275	833.	1276	826.	1277	819.	1278	811.	1279	803.
1280	796.	1281	790.	1282	783.	1283	776.	1284	770.
1285	764.	1286	758.	1287	752.	1288	747.	1289	742.
1290	736.	1291	731.	1292	726.	1293	722.	1294	717.
1295	712.	1296	708.	1297	703.	1298	699.	1299	694.
1300	690.	1310	639.	1320	592.	1330	553.	1340	519.
1350	481.	1360	439.	1370	399.	1380	363.	1390	331.
1400	303.	1420	254.	1440	217.	1460	180.	1500	131.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 LANG CREEK PRIOR TO JCT. W/ARR. CONEJO W/OUT DETENT. DAM Q100 DEV
 HYDROGRAPH AT 15031 2807C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	130.	200	136.	300	172.	400	213.
500	243.	600	288.	700	332.	800	382.	900	471.
1000	656.	1050	847.	1100	1067.	1110	1150.	1120	1263.
1130	1417.	1131	1436.	1132	1454.	1133	1474.	1134	1496.
1135	1518.	1136	1540.	1137	1563.	1138	1588.	1139	1614.
1140	1641.	1141	1670.	1142	1701.	1143	1734.	1144	1769.
1145	1808.	1146	1850.	1147	1893.	1148	1939.	1149	2001.
1150	2078.	1151	2150.	1152	2257.	1153	2385.	1154	2513.
1155	2651.	1156	2796.	1157	2954.	1158	3116.	1159	3277.
1160	3435.	1161	3589.	1162	3725.	1163	3840.	1164	3943.
1165	4001.	1166	4029.	1167	4032.	1168	4011.	1169	3979.
1170	3936.	1171	3882.	1172	3825.	1173	3766.	1174	3714.
1175	3672.	1176	3645.	1177	3633.	1178	3637.	1179	3652.
1180	3673.	1181	3697.	1182	3718.	1183	3735.	1184	3748.
1185	3756.	1186	3760.	1187	3760.	1188	3758.	1189	3754.
1190	3749.	1191	3745.	1192	3740.	1193	3736.	1194	3732.
1195	3728.	1196	3722.	1197	3715.	1198	3704.	1199	3690.
1200	3669.	1201	3643.	1202	3610.	1203	3569.	1204	3522.
1205	3468.	1206	3409.	1207	3344.	1208	3274.	1209	3202.
1210	3127.	1211	3049.	1212	2971.	1213	2892.	1214	2814.
1215	2736.	1216	2659.	1217	2584.	1218	2510.	1219	2438.
1220	2368.	1221	2300.	1222	2234.	1223	2171.	1224	2112.
1225	2055.	1226	2000.	1227	1947.	1228	1895.	1229	1846.
1230	1799.	1231	1753.	1232	1709.	1233	1668.	1234	1628.
1235	1591.	1236	1555.	1237	1521.	1238	1488.	1239	1455.
1240	1425.	1241	1395.	1242	1366.	1243	1339.	1244	1312.
1245	1286.	1246	1262.	1247	1239.	1248	1217.	1249	1196.
1250	1175.	1251	1156.	1252	1137.	1253	1120.	1254	1103.
1255	1086.	1256	1071.	1257	1057.	1258	1043.	1259	1030.
1260	1017.	1261	1005.	1262	994.	1263	982.	1264	971.
1265	960.	1266	949.	1267	938.	1268	928.	1269	918.
1270	908.	1271	898.	1272	888.	1273	879.	1274	870.
1275	861.	1276	852.	1277	844.	1278	837.	1279	829.
1280	822.	1281	815.	1282	807.	1283	800.	1284	794.
1285	787.	1286	781.	1287	775.	1288	769.	1289	764.
1290	758.	1291	753.	1292	748.	1293	743.	1294	738.
1295	733.	1296	729.	1297	724.	1298	719.	1299	715.
1300	710.	1310	659.	1320	611.	1330	570.	1340	536.
1350	497.	1360	455.	1370	415.	1380	378.	1390	345.
1400	317.	1420	265.	1440	226.	1460	186.	1500	134.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 SKELETON CYN. AT HILLCREST Q100 DEV. W/VCFD ROUTING 1/99
 HYDROGRAPH AT 15031 2852D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
------	---	------	---	------	---	------	---	------	---

CALLEGUA. 990									
0	0.	100	71.	200	78.	300	96.	400	117.
500	128.	600	147.	700	171.	800	193.	900	245.
1000	349.	1050	443.	1100	549.	1110	579.	1120	622.
1130	702.	1131	711.	1132	721.	1133	731.	1134	742.
1135	753.	1136	766.	1137	778.	1138	791.	1139	805.
1140	819.	1141	835.	1142	853.	1143	873.	1144	894.
1145	916.	1146	940.	1147	965.	1148	991.	1149	1033.
1150	1081.	1151	1141.	1152	1211.	1153	1286.	1154	1354.
1155	1425.	1156	1493.	1157	1548.	1158	1610.	1159	1681.
1160	1755.	1161	1830.	1162	1923.	1163	2015.	1164	2102.
1165	2185.	1166	2268.	1167	2345.	1168	2414.	1169	2471.
1170	2517.	1171	2552.	1172	2576.	1173	2589.	1174	2590.
1175	2578.	1176	2551.	1177	2513.	1178	2463.	1179	2404.
1180	2337.	1181	2266.	1182	2192.	1183	2116.	1184	2039.
1185	1962.	1186	1888.	1187	1814.	1188	1744.	1189	1676.
1190	1612.	1191	1549.	1192	1490.	1193	1433.	1194	1378.
1195	1325.	1196	1276.	1197	1227.	1198	1181.	1199	1138.
1200	1097.	1201	1058.	1202	1020.	1203	985.	1204	952.
1205	921.	1206	892.	1207	865.	1208	839.	1209	815.
1210	793.	1211	772.	1212	752.	1213	733.	1214	716.
1215	699.	1216	683.	1217	668.	1218	653.	1219	639.
1220	625.	1221	613.	1222	601.	1223	590.	1224	579.
1225	569.	1226	559.	1227	551.	1228	542.	1229	534.
1230	526.	1231	519.	1232	511.	1233	504.	1234	497.
1235	490.	1236	483.	1237	477.	1238	471.	1239	465.
1240	460.	1241	455.	1242	450.	1243	445.	1244	441.
1245	437.	1246	433.	1247	429.	1248	426.	1249	423.
1250	419.	1251	416.	1252	413.	1253	410.	1254	407.
1255	405.	1256	402.	1257	399.	1258	397.	1259	395.
1260	393.	1261	390.	1262	388.	1263	386.	1264	383.
1265	381.	1266	378.	1267	376.	1268	374.	1269	372.
1270	370.	1271	368.	1272	366.	1273	364.	1274	362.
1275	361.	1276	359.	1277	357.	1278	356.	1279	354.
1280	352.	1281	351.	1282	349.	1283	348.	1284	346.
1285	345.	1286	344.	1287	342.	1288	340.	1289	339.
1290	338.	1291	336.	1292	334.	1293	333.	1294	332.
1295	330.	1296	328.	1297	327.	1298	325.	1299	323.
1300	322.	1310	299.	1320	277.	1330	257.	1340	237.
1350	211.	1360	186.	1370	166.	1380	147.	1390	131.
1400	118.	1420	88.	1440	68.	1460	65.	1500	65.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LOS ROBLES DRN. PRIOR JCT. W/ARR. CON. Q100 DEV W/VCFCD RTG.
 HYDROGRAPH AT 15031 2891E STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	78.	200	89.	300	98.	400	102.
500	108.	600	113.	700	128.	800	138.	900	167.
1000	216.	1050	257.	1100	293.	1110	322.	1120	346.
1130	394.	1131	401.	1132	407.	1133	415.	1134	422.
1135	430.	1136	436.	1137	445.	1138	454.	1139	463.
1140	474.	1141	487.	1142	500.	1143	514.	1144	529.
1145	547.	1146	567.	1147	592.	1148	617.	1149	659.
1150	706.	1151	750.	1152	850.	1153	960.	1154	1089.
1155	1224.	1156	1345.	1157	1443.	1158	1511.	1159	1549.
1160	1541.	1161	1501.	1162	1448.	1163	1331.	1164	1216.
1165	1113.	1166	1019.	1167	931.	1168	850.	1169	779.
1170	713.	1171	655.	1172	604.	1173	559.	1174	518.
1175	480.	1176	449.	1177	424.	1178	402.	1179	382.
1180	363.	1181	349.	1182	336.	1183	325.	1184	314.
1185	305.	1186	297.	1187	291.	1188	285.	1189	281.

CALLEGUA. 990

1190	277.	1191	274.	1192	272.	1193	272.	1194	272.
1195	273.	1196	273.	1197	273.	1198	273.	1199	272.
1200	270.	1201	268.	1202	265.	1203	262.	1204	260.
1205	257.	1206	253.	1207	250.	1208	247.	1209	243.
1210	240.	1211	237.	1212	235.	1213	233.	1214	231.
1215	229.	1216	228.	1217	227.	1218	225.	1219	224.
1220	223.	1221	222.	1222	221.	1223	220.	1224	219.
1225	218.	1226	218.	1227	217.	1228	216.	1229	216.
1230	216.	1231	215.	1232	215.	1233	215.	1234	214.
1235	214.	1236	213.	1237	212.	1238	212.	1239	210.
1240	209.	1241	208.	1242	206.	1243	205.	1244	204.
1245	203.	1246	202.	1247	201.	1248	201.	1249	200.
1250	199.	1251	199.	1252	198.	1253	198.	1254	197.
1255	197.	1256	197.	1257	196.	1258	196.	1259	196.
1260	196.	1261	196.	1262	195.	1263	195.	1264	194.
1265	194.	1266	192.	1267	191.	1268	189.	1269	187.
1270	185.	1271	183.	1272	181.	1273	179.	1274	178.
1275	176.	1276	175.	1277	174.	1278	172.	1279	171.
1280	170.	1281	170.	1282	169.	1283	168.	1284	167.
1285	167.	1286	166.	1287	166.	1288	165.	1289	165.
1290	165.	1291	164.	1292	164.	1293	164.	1294	164.
1295	164.	1296	164.	1297	164.	1298	164.	1299	164.
1300	164.	1310	151.	1320	135.	1330	127.	1340	124.
1350	111.	1360	93.	1370	83.	1380	80.	1390	79.
1400	79.	1420	76.	1440	76.	1460	72.	1500	72.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARR. CON. AFTER JCT. W/ROBLES DRN. Q100 DEV. W/VCFCD ROUTING

HYDROGRAPH AT 15031 2895D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	210.	200	234.	300	274.	400	302.
500	328.	600	358.	700	409.	800	453.	900	563.
1000	774.	1050	960.	1100	1152.	1110	1246.	1120	1348.
1130	1515.	1131	1539.	1132	1562.	1133	1587.	1134	1613.
1135	1640.	1136	1666.	1137	1696.	1138	1728.	1139	1761.
1140	1797.	1141	1835.	1142	1877.	1143	1921.	1144	1967.
1145	2020.	1146	2080.	1147	2148.	1148	2224.	1149	2324.
1150	2448.	1151	2581.	1152	2785.	1153	3049.	1154	3355.
1155	3706.	1156	4051.	1157	4385.	1158	4681.	1159	4913.
1160	5054.	1161	5109.	1162	5064.	1163	4930.	1164	4735.
1165	4529.	1166	4328.	1167	4152.	1168	3997.	1169	3872.
1170	3773.	1171	3699.	1172	3645.	1173	3605.	1174	3573.
1175	3544.	1176	3517.	1177	3491.	1178	3463.	1179	3428.
1180	3388.	1181	3341.	1182	3287.	1183	3224.	1184	3154.
1185	3078.	1186	2999.	1187	2918.	1188	2836.	1189	2754.
1190	2672.	1191	2592.	1192	2515.	1193	2442.	1194	2374.
1195	2308.	1196	2244.	1197	2181.	1198	2120.	1199	2059.
1200	2001.	1201	1944.	1202	1889.	1203	1837.	1204	1786.
1205	1737.	1206	1689.	1207	1643.	1208	1598.	1209	1554.
1210	1513.	1211	1474.	1212	1438.	1213	1404.	1214	1372.
1215	1342.	1216	1314.	1217	1290.	1218	1266.	1219	1244.
1220	1222.	1221	1201.	1222	1180.	1223	1161.	1224	1142.
1225	1125.	1226	1108.	1227	1092.	1228	1078.	1229	1064.
1230	1051.	1231	1038.	1232	1026.	1233	1015.	1234	1005.
1235	995.	1236	985.	1237	975.	1238	965.	1239	955.
1240	945.	1241	935.	1242	926.	1243	916.	1244	908.
1245	900.	1246	891.	1247	884.	1248	877.	1249	871.
1250	866.	1251	860.	1252	855.	1253	850.	1254	845.
1255	840.	1256	836.	1257	832.	1258	827.	1259	824.
1260	820.	1261	817.	1262	813.	1263	809.	1264	805.

CALLEGUA. 990									
1265	801.	1266	796.	1267	791.	1268	785.	1269	779.
1270	773.	1271	766.	1272	760.	1273	753.	1274	747.
1275	741.	1276	736.	1277	731.	1278	726.	1279	721.
1280	717.	1281	713.	1282	710.	1283	706.	1284	702.
1285	699.	1286	696.	1287	693.	1288	690.	1289	687.
1290	685.	1291	682.	1292	680.	1293	678.	1294	676.
1295	673.	1296	671.	1297	670.	1298	668.	1299	666.
1300	664.	1310	621.	1320	565.	1330	525.	1340	495.
1350	447.	1360	386.	1370	342.	1380	314.	1390	293.
1400	277.	1420	239.	1440	211.	1460	210.	1500	210.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 ERBES RD. DRN. PRIOR JCT. W/ARR. CON. Q100 DEV W/VCFCD RTG.
 HYDROGRAPH AT 15031 2907E STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	16.	200	17.	300	21.	400	22.
500	23.	600	25.	700	27.	800	30.	900	39.
1000	57.	1050	77.	1100	88.	1110	114.	1120	123.
1130	153.	1131	159.	1132	163.	1133	168.	1134	173.
1135	177.	1136	179.	1137	184.	1138	188.	1139	193.
1140	198.	1141	205.	1142	212.	1143	219.	1144	229.
1145	240.	1146	253.	1147	268.	1148	284.	1149	318.
1150	362.	1151	396.	1152	473.	1153	547.	1154	605.
1155	653.	1156	688.	1157	691.	1158	674.	1159	664.
1160	612.	1161	553.	1162	498.	1163	445.	1164	395.
1165	347.	1166	312.	1167	285.	1168	263.	1169	244.
1170	223.	1171	205.	1172	187.	1173	173.	1174	160.
1175	150.	1176	141.	1177	130.	1178	123.	1179	117.
1180	112.	1181	106.	1182	102.	1183	98.	1184	94.
1185	92.	1186	90.	1187	88.	1188	86.	1189	84.
1190	83.	1191	82.	1192	81.	1193	80.	1194	79.
1195	78.	1196	77.	1197	76.	1198	76.	1199	76.
1200	75.	1201	75.	1202	74.	1203	73.	1204	72.
1205	70.	1206	69.	1207	67.	1208	65.	1209	64.
1210	63.	1211	62.	1212	61.	1213	60.	1214	60.
1215	59.	1216	59.	1217	59.	1218	58.	1219	58.
1220	58.	1221	58.	1222	57.	1223	57.	1224	57.
1225	57.	1226	57.	1227	56.	1228	56.	1229	56.
1230	56.	1231	56.	1232	56.	1233	55.	1234	55.
1235	55.	1236	55.	1237	55.	1238	54.	1239	54.
1240	54.	1241	54.	1242	54.	1243	54.	1244	54.
1245	54.	1246	53.	1247	53.	1248	53.	1249	53.
1250	53.	1251	53.	1252	53.	1253	53.	1254	53.
1255	53.	1256	53.	1257	53.	1258	53.	1259	53.
1260	53.	1261	53.	1262	52.	1263	52.	1264	51.
1265	51.	1266	50.	1267	49.	1268	48.	1269	47.
1270	46.	1271	45.	1272	45.	1273	44.	1274	44.
1275	44.	1276	43.	1277	43.	1278	43.	1279	43.
1280	43.	1281	43.	1282	42.	1283	42.	1284	42.
1285	42.	1286	42.	1287	42.	1288	41.	1289	41.
1290	41.	1291	41.	1292	41.	1293	41.	1294	41.
1295	41.	1296	41.	1297	41.	1298	41.	1299	41.
1300	41.	1310	34.	1320	29.	1330	28.	1340	26.
1350	23.	1360	21.	1370	19.	1380	18.	1390	17.
1400	17.	1420	15.	1440	15.	1460	12.	1500	12.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 THOUSAND OAKS NO. DRN. PRIOR JCT. W/ARR. CON. Q100 DEV. W/VCFCD RTG.
 HYDROGRAPH AT 15031 2972E STORM DAY 4 REDUCTION FACTOR = 1.000

CALLEGUA. 990									
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	42.	200	45.	300	63.	400	72.
500	77.	600	93.	700	103.	800	117.	900	144.
1000	199.	1050	257.	1100	300.	1110	343.	1120	393.
1130	462.	1131	472.	1132	481.	1133	489.	1134	498.
1135	509.	1136	519.	1137	530.	1138	543.	1139	558.
1140	574.	1141	591.	1142	610.	1143	628.	1144	646.
1145	665.	1146	688.	1147	715.	1148	745.	1149	785.
1150	842.	1151	906.	1152	987.	1153	1101.	1154	1230.
1155	1362.	1156	1496.	1157	1629.	1158	1754.	1159	1855.
1160	1916.	1161	1955.	1162	1952.	1163	1890.	1164	1811.
1165	1736.	1166	1656.	1167	1563.	1168	1458.	1169	1344.
1170	1224.	1171	1104.	1172	993.	1173	894.	1174	809.
1175	737.	1176	680.	1177	631.	1178	589.	1179	554.
1180	523.	1181	497.	1182	476.	1183	456.	1184	437.
1185	419.	1186	401.	1187	386.	1188	372.	1189	359.
1190	347.	1191	336.	1192	326.	1193	317.	1194	309.
1195	302.	1196	296.	1197	291.	1198	287.	1199	283.
1200	279.	1201	277.	1202	274.	1203	271.	1204	269.
1205	266.	1206	263.	1207	260.	1208	256.	1209	253.
1210	250.	1211	246.	1212	243.	1213	240.	1214	237.
1215	234.	1216	231.	1217	228.	1218	225.	1219	222.
1220	219.	1221	216.	1222	213.	1223	211.	1224	208.
1225	207.	1226	205.	1227	204.	1228	203.	1229	202.
1230	202.	1231	201.	1232	201.	1233	201.	1234	201.
1235	200.	1236	200.	1237	200.	1238	199.	1239	199.
1240	198.	1241	198.	1242	197.	1243	197.	1244	196.
1245	196.	1246	195.	1247	195.	1248	194.	1249	194.
1250	193.	1251	193.	1252	192.	1253	192.	1254	192.
1255	191.	1256	191.	1257	191.	1258	190.	1259	190.
1260	190.	1261	190.	1262	190.	1263	189.	1264	189.
1265	188.	1266	188.	1267	186.	1268	185.	1269	184.
1270	183.	1271	181.	1272	180.	1273	178.	1274	177.
1275	176.	1276	174.	1277	173.	1278	171.	1279	170.
1280	168.	1281	166.	1282	165.	1283	163.	1284	161.
1285	160.	1286	159.	1287	158.	1288	157.	1289	156.
1290	156.	1291	155.	1292	155.	1293	154.	1294	154.
1295	154.	1296	154.	1297	153.	1298	153.	1299	153.
1300	153.	1310	140.	1320	124.	1330	111.	1340	103.
1350	92.	1360	77.	1370	64.	1380	55.	1390	50.
1400	47.	1420	42.	1440	42.	1460	42.	1500	42.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 ARROYO CONEJO AFTER JCT. W/T. O. NO DRN Q100 DEV. W/VCFC D RTG.
 HYDROGRAPH AT 15031 2973D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	336.	200	367.	300	447.	400	493.
500	531.	600	591.	700	661.	800	740.	900	911.
1000	1262.	1050	1592.	1100	1905.	1110	2091.	1120	2328.
1130	2633.	1131	2678.	1132	2722.	1133	2767.	1134	2814.
1135	2864.	1136	2917.	1137	2973.	1138	3032.	1139	3095.
1140	3162.	1141	3234.	1142	3310.	1143	3392.	1144	3477.
1145	3567.	1146	3669.	1147	3789.	1148	3926.	1149	4090.
1150	4305.	1151	4571.	1152	4902.	1153	5334.	1154	5855.
1155	6435.	1156	7034.	1157	7641.	1158	8235.	1159	8778.
1160	9213.	1161	9540.	1162	9730.	1163	9730.	1164	9581.
1165	9339.	1166	9025.	1167	8629.	1168	8170.	1169	7679.
1170	7189.	1171	6732.	1172	6326.	1173	5974.	1174	5679.
1175	5432.	1176	5233.	1177	5069.	1178	4935.	1179	4819.
1180	4717.	1181	4629.	1182	4550.	1183	4476.	1184	4403.

CALLEGUA. 990

1185	4328.	1186	4249.	1187	4169.	1188	4085.	1189	4000.
1190	3911.	1191	3820.	1192	3727.	1193	3634.	1194	3543.
1195	3454.	1196	3368.	1197	3287.	1198	3209.	1199	3134.
1200	3063.	1201	2994.	1202	2927.	1203	2861.	1204	2797.
1205	2732.	1206	2668.	1207	2605.	1208	2543.	1209	2483.
1210	2423.	1211	2365.	1212	2308.	1213	2254.	1214	2202.
1215	2151.	1216	2103.	1217	2058.	1218	2015.	1219	1975.
1220	1937.	1221	1902.	1222	1869.	1223	1839.	1224	1811.
1225	1785.	1226	1760.	1227	1737.	1228	1715.	1229	1694.
1230	1675.	1231	1656.	1232	1637.	1233	1620.	1234	1603.
1235	1588.	1236	1572.	1237	1558.	1238	1544.	1239	1530.
1240	1518.	1241	1505.	1242	1493.	1243	1482.	1244	1471.
1245	1461.	1246	1450.	1247	1439.	1248	1428.	1249	1417.
1250	1407.	1251	1397.	1252	1388.	1253	1378.	1254	1370.
1255	1362.	1256	1355.	1257	1348.	1258	1342.	1259	1336.
1260	1330.	1261	1325.	1262	1320.	1263	1314.	1264	1308.
1265	1302.	1266	1296.	1267	1289.	1268	1282.	1269	1274.
1270	1266.	1271	1257.	1272	1247.	1273	1238.	1274	1229.
1275	1220.	1276	1211.	1277	1201.	1278	1191.	1279	1181.
1280	1171.	1281	1161.	1282	1152.	1283	1143.	1284	1134.
1285	1126.	1286	1120.	1287	1113.	1288	1107.	1289	1101.
1290	1096.	1291	1092.	1292	1087.	1293	1083.	1294	1079.
1295	1075.	1296	1072.	1297	1068.	1298	1066.	1299	1063.
1300	1060.	1310	1000.	1320	910.	1330	836.	1340	784.
1350	719.	1360	637.	1370	557.	1380	498.	1390	459.
1400	432.	1420	384.	1440	346.	1460	336.	1500	337.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARR. CON. AFTER JCT. W/LANG CREEK W/NO DAM UPS. Q100 DEV W/VC. RTG.
 HYDROGRAPH AT 15031 2976C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	475.	200	511.	300	628.	400	715.
500	783.	600	890.	700	1003.	800	1133.	900	1393.
1000	1930.	1050	2452.	1100	2991.	1110	3251.	1120	3602.
1130	4062.	1131	4120.	1132	4179.	1133	4245.	1134	4313.
1135	4384.	1136	4455.	1137	4533.	1138	4616.	1139	4703.
1140	4796.	1141	4896.	1142	5003.	1143	5115.	1144	5234.
1145	5363.	1146	5505.	1147	5657.	1148	5830.	1149	6054.
1150	6331.	1151	6624.	1152	7051.	1153	7562.	1154	8141.
1155	8813.	1156	9539.	1157	10302.	1158	11067.	1159	11792.
1160	12440.	1161	13005.	1162	13387.	1163	13607.	1164	13675.
1165	13558.	1166	13327.	1167	12992.	1168	12564.	1169	12073.
1170	11547.	1171	11017.	1172	10519.	1173	10067.	1174	9676.
1175	9346.	1176	9083.	1177	8875.	1178	8719.	1179	8597.
1180	8505.	1181	8429.	1182	8361.	1183	8300.	1184	8238.
1185	8172.	1186	8100.	1187	8022.	1188	7940.	1189	7853.
1190	7763.	1191	7671.	1192	7575.	1193	7480.	1194	7384.
1195	7289.	1196	7195.	1197	7102.	1198	7011.	1199	6918.
1200	6824.	1201	6727.	1202	6626.	1203	6518.	1204	6405.
1205	6285.	1206	6161.	1207	6032.	1208	5899.	1209	5765.
1210	5629.	1211	5492.	1212	5356.	1213	5221.	1214	5089.
1215	4959.	1216	4832.	1217	4710.	1218	4591.	1219	4476.
1220	4366.	1221	4261.	1222	4159.	1223	4062.	1224	3973.
1225	3888.	1226	3806.	1227	3727.	1228	3653.	1229	3582.
1230	3513.	1231	3447.	1232	3385.	1233	3325.	1234	3268.
1235	3213.	1236	3162.	1237	3113.	1238	3065.	1239	3018.
1240	2974.	1241	2932.	1242	2890.	1243	2851.	1244	2813.
1245	2776.	1246	2741.	1247	2708.	1248	2674.	1249	2642.
1250	2611.	1251	2581.	1252	2552.	1253	2526.	1254	2499.
1255	2474.	1256	2451.	1257	2429.	1258	2409.	1259	2389.

CALLEGUA. 990

1260	2370.	1261	2353.	1262	2335.	1263	2318.	1264	2301.
1265	2285.	1266	2267.	1267	2250.	1268	2233.	1269	2216.
1270	2198.	1271	2180.	1272	2162.	1273	2144.	1274	2125.
1275	2107.	1276	2090.	1277	2072.	1278	2055.	1279	2038.
1280	2020.	1281	2003.	1282	1986.	1283	1969.	1284	1954.
1285	1939.	1286	1924.	1287	1911.	1288	1899.	1289	1887.
1290	1876.	1291	1865.	1292	1855.	1293	1846.	1294	1836.
1295	1827.	1296	1819.	1297	1811.	1298	1803.	1299	1795.
1300	1788.	1310	1680.	1320	1546.	1330	1428.	1340	1338.
1350	1236.	1360	1115.	1370	994.	1380	895.	1390	819.
1400	762.	1420	659.	1440	581.	1460	530.	1500	479.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

TO MPD #277A
HYDROGRAPH AT 15031 2977C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	475.	200	511.	300	627.	400	715.
500	783.	600	889.	700	1003.	800	1133.	900	1391.
1000	1927.	1050	2447.	1100	2987.	1110	3237.	1120	3590.
1130	4042.	1131	4099.	1132	4156.	1133	4220.	1134	4287.
1135	4357.	1136	4429.	1137	4504.	1138	4585.	1139	4671.
1140	4763.	1141	4860.	1142	4965.	1143	5076.	1144	5192.
1145	5317.	1146	5455.	1147	5604.	1148	5769.	1149	5977.
1150	6237.	1151	6527.	1152	6905.	1153	7398.	1154	7955.
1155	8602.	1156	9316.	1157	10073.	1158	10842.	1159	11584.
1160	12257.	1161	12848.	1162	13287.	1163	13549.	1164	13662.
1165	13597.	1166	13394.	1167	13091.	1168	12688.	1169	12216.
1170	11700.	1171	11171.	1172	10664.	1173	10200.	1174	9791.
1175	9443.	1176	9162.	1177	8937.	1178	8765.	1179	8634.
1180	8533.	1181	8453.	1182	8382.	1183	8319.	1184	8257.
1185	8192.	1186	8122.	1187	8046.	1188	7966.	1189	7881.
1190	7792.	1191	7700.	1192	7606.	1193	7510.	1194	7415.
1195	7319.	1196	7225.	1197	7132.	1198	7040.	1199	6948.
1200	6855.	1201	6759.	1202	6659.	1203	6554.	1204	6442.
1205	6325.	1206	6203.	1207	6075.	1208	5944.	1209	5810.
1210	5677.	1211	5540.	1212	5404.	1213	5269.	1214	5136.
1215	5005.	1216	4877.	1217	4753.	1218	4634.	1219	4519.
1220	4407.	1221	4300.	1222	4197.	1223	4098.	1224	4006.
1225	3920.	1226	3837.	1227	3757.	1228	3681.	1229	3609.
1230	3541.	1231	3474.	1232	3410.	1233	3349.	1234	3291.
1235	3235.	1236	3183.	1237	3133.	1238	3084.	1239	3037.
1240	2992.	1241	2949.	1242	2908.	1243	2867.	1244	2829.
1245	2792.	1246	2756.	1247	2722.	1248	2688.	1249	2656.
1250	2624.	1251	2594.	1252	2564.	1253	2537.	1254	2510.
1255	2485.	1256	2461.	1257	2439.	1258	2418.	1259	2398.
1260	2379.	1261	2361.	1262	2343.	1263	2326.	1264	2309.
1265	2292.	1266	2275.	1267	2258.	1268	2241.	1269	2224.
1270	2206.	1271	2188.	1272	2170.	1273	2152.	1274	2134.
1275	2115.	1276	2098.	1277	2080.	1278	2063.	1279	2046.
1280	2028.	1281	2011.	1282	1994.	1283	1977.	1284	1961.
1285	1946.	1286	1931.	1287	1918.	1288	1905.	1289	1893.
1290	1881.	1291	1870.	1292	1860.	1293	1850.	1294	1841.
1295	1832.	1296	1823.	1297	1815.	1298	1807.	1299	1799.
1300	1792.	1310	1686.	1320	1552.	1330	1434.	1340	1343.
1350	1242.	1360	1122.	1370	1001.	1380	900.	1390	824.
1400	765.	1420	663.	1440	583.	1460	532.	1500	479.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

TO MPD #379A
HYDROGRAPH AT 15031 3079C STORM DAY 4 REDUCTION FACTOR = 1.000

CALLEGUA. 990

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	666.	200	705.	300	847.	400	977.
500	1061.	600	1195.	700	1343.	800	1515.	900	1856.
1000	2567.	1050	3232.	1100	3986.	1110	4241.	1120	4609.
1130	5146.	1131	5213.	1132	5278.	1133	5346.	1134	5419.
1135	5499.	1136	5583.	1137	5668.	1138	5757.	1139	5848.
1140	5942.	1141	6039.	1142	6141.	1143	6248.	1144	6362.
1145	6485.	1146	6623.	1147	6775.	1148	6940.	1149	7129.
1150	7363.	1151	7632.	1152	7939.	1153	8336.	1154	8811.
1155	9334.	1156	9922.	1157	10575.	1158	11248.	1159	11888.
1160	12482.	1161	13020.	1162	13481.	1163	13898.	1164	14306.
1165	14701.	1166	15084.	1167	15458.	1168	15816.	1169	16156.
1170	16462.	1171	16705.	1172	16857.	1173	16899.	1174	16827.
1175	16650.	1176	16380.	1177	16032.	1178	15622.	1179	15167.
1180	14686.	1181	14193.	1182	13700.	1183	13219.	1184	12756.
1185	12322.	1186	11923.	1187	11561.	1188	11240.	1189	10956.
1190	10713.	1191	10499.	1192	10314.	1193	10155.	1194	10012.
1195	9882.	1196	9761.	1197	9646.	1198	9535.	1199	9425.
1200	9315.	1201	9205.	1202	9095.	1203	8985.	1204	8873.
1205	8761.	1206	8649.	1207	8538.	1208	8427.	1209	8316.
1210	8205.	1211	8094.	1212	7983.	1213	7869.	1214	7755.
1215	7638.	1216	7519.	1217	7398.	1218	7274.	1219	7148.
1220	7021.	1221	6893.	1222	6765.	1223	6637.	1224	6508.
1225	6381.	1226	6254.	1227	6129.	1228	6006.	1229	5886.
1230	5768.	1231	5653.	1232	5542.	1233	5434.	1234	5329.
1235	5228.	1236	5131.	1237	5037.	1238	4946.	1239	4858.
1240	4772.	1241	4690.	1242	4610.	1243	4536.	1244	4464.
1245	4394.	1246	4327.	1247	4262.	1248	4200.	1249	4141.
1250	4084.	1251	4029.	1252	3977.	1253	3927.	1254	3880.
1255	3834.	1256	3789.	1257	3745.	1258	3703.	1259	3662.
1260	3623.	1261	3585.	1262	3547.	1263	3510.	1264	3474.
1265	3439.	1266	3405.	1267	3371.	1268	3338.	1269	3305.
1270	3273.	1271	3242.	1272	3214.	1273	3186.	1274	3160.
1275	3133.	1276	3106.	1277	3081.	1278	3056.	1279	3031.
1280	3006.	1281	2983.	1282	2960.	1283	2938.	1284	2916.
1285	2895.	1286	2874.	1287	2853.	1288	2832.	1289	2812.
1290	2792.	1291	2772.	1292	2752.	1293	2732.	1294	2713.
1295	2693.	1296	2674.	1297	2656.	1298	2638.	1299	2619.
1300	2601.	1310	2434.	1320	2273.	1330	2119.	1340	1974.
1350	1830.	1360	1688.	1370	1549.	1380	1420.	1390	1296.
1400	1185.	1420	1011.	1440	891.	1460	790.	1500	671.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

AR. CONEJO CONFLU. W/S BR. ARROYO CONEJO (TO MPD #579AB)

HYDROGRAPH AT 15031 3080B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1077.	200	1173.	300	1489.	400	1756.
500	1926.	600	2180.	700	2455.	800	2813.	900	3466.
1000	4773.	1050	5996.	1100	7522.	1110	8042.	1120	8714.
1130	9657.	1131	9775.	1132	9887.	1133	10005.	1134	10130.
1135	10265.	1136	10405.	1137	10549.	1138	10698.	1139	10852.
1140	11010.	1141	11176.	1142	11350.	1143	11534.	1144	11727.
1145	11938.	1146	12173.	1147	12431.	1148	12710.	1149	13048.
1150	13467.	1151	13921.	1152	14476.	1153	15154.	1154	15927.
1155	16741.	1156	17600.	1157	18486.	1158	19355.	1159	20144.
1160	20796.	1161	21342.	1162	21735.	1163	22025.	1164	22289.
1165	22537.	1166	22778.	1167	23018.	1168	23252.	1169	23479.
1170	23675.	1171	23810.	1172	23851.	1173	23783.	1174	23597.
1175	23308.	1176	22930.	1177	22478.	1178	21971.	1179	21424.

CALLEGUA. 990

1180	20859.	1181	20290.	1182	19727.	1183	19183.	1184	18664.
1185	18181.	1186	17738.	1187	17335.	1188	16978.	1189	16662.
1190	16388.	1191	16149.	1192	15940.	1193	15759.	1194	15598.
1195	15452.	1196	15316.	1197	15187.	1198	15064.	1199	14943.
1200	14823.	1201	14703.	1202	14583.	1203	14462.	1204	14340.
1205	14216.	1206	14092.	1207	13970.	1208	13847.	1209	13724.
1210	13601.	1211	13478.	1212	13354.	1213	13230.	1214	13104.
1215	12977.	1216	12848.	1217	12718.	1218	12586.	1219	12453.
1220	12319.	1221	12185.	1222	12052.	1223	11918.	1224	11784.
1225	11652.	1226	11521.	1227	11391.	1228	11264.	1229	11140.
1230	11018.	1231	10897.	1232	10778.	1233	10661.	1234	10544.
1235	10428.	1236	10314.	1237	10200.	1238	10087.	1239	9974.
1240	9861.	1241	9750.	1242	9641.	1243	9534.	1244	9430.
1245	9327.	1246	9226.	1247	9127.	1248	9031.	1249	8937.
1250	8847.	1251	8758.	1252	8673.	1253	8590.	1254	8510.
1255	8432.	1256	8356.	1257	8283.	1258	8212.	1259	8142.
1260	8075.	1261	8008.	1262	7943.	1263	7877.	1264	7812.
1265	7749.	1266	7686.	1267	7624.	1268	7562.	1269	7500.
1270	7440.	1271	7380.	1272	7323.	1273	7267.	1274	7213.
1275	7158.	1276	7104.	1277	7052.	1278	7001.	1279	6950.
1280	6900.	1281	6852.	1282	6806.	1283	6760.	1284	6714.
1285	6670.	1286	6627.	1287	6584.	1288	6542.	1289	6501.
1290	6461.	1291	6420.	1292	6380.	1293	6341.	1294	6303.
1295	6264.	1296	6227.	1297	6190.	1298	6153.	1299	6117.
1300	6080.	1310	5717.	1320	5359.	1330	5026.	1340	4720.
1350	4413.	1360	4106.	1370	3813.	1380	3541.	1390	3287.
1400	3058.	1420	2673.	1440	2368.	1460	2118.	1500	1813.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CONEJO CREEK BEFORE JCT. W/ ARROYO SANTA ROSA (TO MPD #800A)

HYDROGRAPH AT 15031 3300B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1390.	200	1427.	300	1671.	400	2101.
500	2429.	600	2734.	700	3140.	800	3574.	900	4290.
1000	5726.	1050	6961.	1100	8733.	1110	9162.	1120	9639.
1130	10227.	1131	10294.	1132	10360.	1133	10428.	1134	10497.
1135	10570.	1136	10644.	1137	10721.	1138	10800.	1139	10882.
1140	10968.	1141	11056.	1142	11148.	1143	11243.	1144	11342.
1145	11445.	1146	11554.	1147	11667.	1148	11787.	1149	11913.
1150	12050.	1151	12206.	1152	12373.	1153	12556.	1154	12764.
1155	12987.	1156	13215.	1157	13447.	1158	13682.	1159	13919.
1160	14163.	1161	14408.	1162	14654.	1163	14912.	1164	15187.
1165	15474.	1166	15774.	1167	16095.	1168	16446.	1169	16836.
1170	17268.	1171	17736.	1172	18230.	1173	18738.	1174	19250.
1175	19758.	1176	20259.	1177	20754.	1178	21249.	1179	21754.
1180	22284.	1181	22854.	1182	23476.	1183	24161.	1184	24907.
1185	25703.	1186	26530.	1187	27359.	1188	28158.	1189	28901.
1190	29568.	1191	30148.	1192	30635.	1193	31032.	1194	31342.
1195	31570.	1196	31720.	1197	31793.	1198	31793.	1199	31722.
1200	31581.	1201	31373.	1202	31103.	1203	30776.	1204	30398.
1205	29978.	1206	29522.	1207	29038.	1208	28533.	1209	28012.
1210	27484.	1211	26954.	1212	26424.	1213	25902.	1214	25392.
1215	24893.	1216	24412.	1217	23948.	1218	23504.	1219	23081.
1220	22677.	1221	22295.	1222	21933.	1223	21590.	1224	21265.
1225	20958.	1226	20666.	1227	20388.	1228	20124.	1229	19870.
1230	19628.	1231	19393.	1232	19168.	1233	18948.	1234	18736.
1235	18529.	1236	18326.	1237	18129.	1238	17935.	1239	17746.
1240	17560.	1241	17377.	1242	17197.	1243	17020.	1244	16845.
1245	16673.	1246	16503.	1247	16335.	1248	16169.	1249	16004.
1250	15841.	1251	15680.	1252	15520.	1253	15362.	1254	15205.

CALLEGUA. 990									
1255	15050.	1256	14897.	1257	14745.	1258	14595.	1259	14447.
1260	14301.	1261	14157.	1262	14015.	1263	13874.	1264	13736.
1265	13600.	1266	13465.	1267	13333.	1268	13202.	1269	13072.
1270	12945.	1271	12819.	1272	12696.	1273	12573.	1274	12452.
1275	12333.	1276	12216.	1277	12100.	1278	11987.	1279	11875.
1280	11766.	1281	11658.	1282	11552.	1283	11448.	1284	11346.
1285	11245.	1286	11147.	1287	11051.	1288	10956.	1289	10864.
1290	10773.	1291	10684.	1292	10596.	1293	10510.	1294	10426.
1295	10343.	1296	10262.	1297	10182.	1298	10104.	1299	10027.
1300	9952.	1310	9275.	1320	8700.	1330	8178.	1340	7693.
1350	7241.	1360	6816.	1370	6403.	1380	6003.	1390	5636.
1400	5279.	1420	4600.	1440	4025.	1460	3532.	1500	2805.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 SOUTH FORK TIERRA REJADA CK(EVERETT RANCH Q100 W/J' RAIN
 HYDROGRAPH AT 15031 3332C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	20.	200	20.	300	20.	400	22.
500	25.	600	29.	700	32.	800	40.	900	58.
1000	106.	1050	169.	1100	290.	1110	358.	1120	482.
1130	561.	1131	568.	1132	576.	1133	584.	1134	593.
1135	604.	1136	616.	1137	632.	1138	650.	1139	671.
1140	692.	1141	718.	1142	745.	1143	774.	1144	804.
1145	838.	1146	874.	1147	914.	1148	956.	1149	994.
1150	1030.	1151	1089.	1152	1197.	1153	1285.	1154	1382.
1155	1493.	1156	1616.	1157	1743.	1158	1872.	1159	1985.
1160	2059.	1161	2061.	1162	2065.	1163	2037.	1164	1994.
1165	1941.	1166	1872.	1167	1786.	1168	1698.	1169	1602.
1170	1519.	1171	1433.	1172	1352.	1173	1272.	1174	1196.
1175	1124.	1176	1054.	1177	988.	1178	929.	1179	864.
1180	809.	1181	757.	1182	707.	1183	663.	1184	623.
1185	585.	1186	550.	1187	517.	1188	487.	1189	459.
1190	434.	1191	411.	1192	389.	1193	369.	1194	351.
1195	336.	1196	322.	1197	310.	1198	298.	1199	288.
1200	279.	1201	272.	1202	266.	1203	261.	1204	256.
1205	252.	1206	249.	1207	247.	1208	245.	1209	244.
1210	243.	1211	241.	1212	239.	1213	237.	1214	235.
1215	233.	1216	231.	1217	227.	1218	223.	1219	218.
1220	214.	1221	208.	1222	203.	1223	197.	1224	191.
1225	185.	1226	179.	1227	174.	1228	168.	1229	164.
1230	160.	1231	157.	1232	153.	1233	150.	1234	148.
1235	145.	1236	142.	1237	140.	1238	138.	1239	136.
1240	134.	1241	132.	1242	130.	1243	128.	1244	125.
1245	123.	1246	120.	1247	118.	1248	115.	1249	112.
1250	109.	1251	106.	1252	104.	1253	101.	1254	99.
1255	96.	1256	94.	1257	91.	1258	89.	1259	86.
1260	84.	1261	81.	1262	79.	1263	77.	1264	75.
1265	73.	1266	71.	1267	69.	1268	68.	1269	66.
1270	65.	1271	63.	1272	62.	1273	61.	1274	60.
1275	59.	1276	58.	1277	57.	1278	56.	1279	56.
1280	55.	1281	55.	1282	54.	1283	54.	1284	53.
1285	53.	1286	52.	1287	52.	1288	51.	1289	51.
1290	51.	1291	50.	1292	50.	1293	49.	1294	49.
1295	48.	1296	48.	1297	48.	1298	47.	1299	47.
1300	47.	1310	43.	1320	40.	1330	37.	1340	33.
1350	30.	1360	28.	1370	26.	1380	25.	1390	23.
1400	22.	1420	19.	1440	19.	1460	19.	1500	19.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 TIERRA REJADA VLY AT U/S FACE OF 23 FREEWAY, Q100

HYDROGRAPH AT 15031 3387D				CALLEGUA. 990 STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	10.	200	10.	300	10.	400	11.
500	12.	600	13.	700	15.	800	18.	900	31.
1000	86.	1050	163.	1100	304.	1110	359.	1120	457.
1130	553.	1131	562.	1132	572.	1133	582.	1134	594.
1135	606.	1136	618.	1137	632.	1138	647.	1139	663.
1140	680.	1141	700.	1142	722.	1143	745.	1144	770.
1145	798.	1146	828.	1147	860.	1148	892.	1149	918.
1150	942.	1151	981.	1152	1061.	1153	1135.	1154	1206.
1155	1271.	1156	1340.	1157	1416.	1158	1491.	1159	1559.
1160	1622.	1161	1682.	1162	1739.	1163	1795.	1164	1846.
1165	1890.	1166	1933.	1167	1963.	1168	1959.	1169	1910.
1170	1880.	1171	1851.	1172	1826.	1173	1802.	1174	1769.
1175	1724.	1176	1674.	1177	1617.	1178	1560.	1179	1501.
1180	1443.	1181	1382.	1182	1319.	1183	1258.	1184	1197.
1185	1139.	1186	1086.	1187	1028.	1188	976.	1189	928.
1190	881.	1191	837.	1192	795.	1193	754.	1194	716.
1195	680.	1196	648.	1197	617.	1198	589.	1199	562.
1200	537.	1201	515.	1202	495.	1203	476.	1204	459.
1205	443.	1206	427.	1207	413.	1208	400.	1209	388.
1210	377.	1211	366.	1212	356.	1213	346.	1214	337.
1215	328.	1216	320.	1217	313.	1218	305.	1219	298.
1220	291.	1221	284.	1222	277.	1223	270.	1224	263.
1225	257.	1226	250.	1227	244.	1228	238.	1229	234.
1230	229.	1231	225.	1232	221.	1233	217.	1234	213.
1235	209.	1236	205.	1237	202.	1238	198.	1239	194.
1240	190.	1241	186.	1242	182.	1243	178.	1244	174.
1245	170.	1246	167.	1247	163.	1248	159.	1249	156.
1250	152.	1251	149.	1252	146.	1253	142.	1254	139.
1255	136.	1256	133.	1257	131.	1258	128.	1259	126.
1260	124.	1261	122.	1262	120.	1263	117.	1264	115.
1265	113.	1266	111.	1267	109.	1268	107.	1269	104.
1270	102.	1271	100.	1272	98.	1273	95.	1274	93.
1275	91.	1276	89.	1277	87.	1278	85.	1279	83.
1280	81.	1281	79.	1282	77.	1283	75.	1284	73.
1285	72.	1286	70.	1287	69.	1288	67.	1289	66.
1290	65.	1291	64.	1292	62.	1293	61.	1294	60.
1295	59.	1296	58.	1297	57.	1298	56.	1299	55.
1300	54.	1310	43.	1320	35.	1330	29.	1340	25.
1350	22.	1360	19.	1370	17.	1380	15.	1390	14.
1400	13.	1420	10.	1440	9.	1460	9.	1500	9.

HYDROGRAPH AT 15031 3388D				MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952 TI EERA REJADA VLY AT D/S FACE OF 23 FREEWAY, Q100 STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	10.	200	10.	300	10.	400	11.
500	12.	600	13.	700	15.	800	18.	900	31.
1000	85.	1050	162.	1100	302.	1110	356.	1120	452.
1130	549.	1131	558.	1132	567.	1133	578.	1134	589.
1135	600.	1136	613.	1137	626.	1138	641.	1139	656.
1140	673.	1141	692.	1142	713.	1143	736.	1144	761.
1145	788.	1146	817.	1147	848.	1148	880.	1149	908.
1150	933.	1151	967.	1152	1031.	1153	1110.	1154	1181.
1155	1249.	1156	1317.	1157	1391.	1158	1467.	1159	1537.
1160	1602.	1161	1663.	1162	1721.	1163	1778.	1164	1830.
1165	1877.	1166	1920.	1167	1955.	1168	1959.	1169	1927.
1170	1887.	1171	1861.	1172	1833.	1173	1810.	1174	1780.

CALLEGUA. 990

1175	1739.	1176	1690.	1177	1635.	1178	1579.	1179	1521.
1180	1462.	1181	1402.	1182	1340.	1183	1278.	1184	1218.
1185	1159.	1186	1104.	1187	1049.	1188	994.	1189	945.
1190	898.	1191	854.	1192	811.	1193	770.	1194	731.
1195	694.	1196	661.	1197	629.	1198	600.	1199	574.
1200	548.	1201	524.	1202	503.	1203	484.	1204	466.
1205	450.	1206	434.	1207	420.	1208	406.	1209	394.
1210	382.	1211	372.	1212	361.	1213	351.	1214	341.
1215	332.	1216	324.	1217	317.	1218	309.	1219	302.
1220	295.	1221	288.	1222	281.	1223	274.	1224	267.
1225	260.	1226	254.	1227	247.	1228	241.	1229	236.
1230	232.	1231	228.	1232	224.	1233	220.	1234	216.
1235	212.	1236	208.	1237	204.	1238	200.	1239	196.
1240	192.	1241	188.	1242	184.	1243	180.	1244	176.
1245	173.	1246	169.	1247	165.	1248	162.	1249	158.
1250	154.	1251	151.	1252	148.	1253	144.	1254	141.
1255	138.	1256	135.	1257	132.	1258	130.	1259	127.
1260	125.	1261	123.	1262	121.	1263	119.	1264	117.
1265	115.	1266	112.	1267	110.	1268	108.	1269	106.
1270	104.	1271	101.	1272	99.	1273	97.	1274	95.
1275	93.	1276	90.	1277	88.	1278	86.	1279	84.
1280	82.	1281	80.	1282	78.	1283	76.	1284	75.
1285	73.	1286	72.	1287	70.	1288	69.	1289	67.
1290	66.	1291	65.	1292	63.	1293	62.	1294	61.
1295	60.	1296	59.	1297	58.	1298	57.	1299	56.
1300	55.	1310	44.	1320	36.	1330	30.	1340	25.
1350	22.	1360	20.	1370	17.	1380	16.	1390	14.
1400	13.	1420	11.	1440	10.	1460	10.	1500	10.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

TIERRA REJADA VLY AT MOORPARK RD(W.OF 23 FREEWAY), Q100

HYDROGRAPH AT 15031 3395C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	38.	200	38.	300	39.	400	41.
500	46.	600	53.	700	59.	800	71.	900	109.
1000	244.	1050	420.	1100	766.	1110	889.	1120	1105.
1130	1361.	1131	1389.	1132	1419.	1133	1450.	1134	1482.
1135	1515.	1136	1548.	1137	1582.	1138	1615.	1139	1648.
1140	1682.	1141	1720.	1142	1761.	1143	1802.	1144	1847.
1145	1895.	1146	1949.	1147	2011.	1148	2079.	1149	2144.
1150	2211.	1151	2304.	1152	2454.	1153	2580.	1154	2703.
1155	2833.	1156	2970.	1157	3111.	1158	3259.	1159	3407.
1160	3574.	1161	3761.	1162	3960.	1163	4157.	1164	4354.
1165	4545.	1166	4703.	1167	4882.	1168	5032.	1169	5130.
1170	5188.	1171	5204.	1172	5173.	1173	5106.	1174	5002.
1175	4876.	1176	4739.	1177	4601.	1178	4460.	1179	4315.
1180	4168.	1181	4015.	1182	3856.	1183	3700.	1184	3536.
1185	3378.	1186	3221.	1187	3068.	1188	2916.	1189	2771.
1190	2631.	1191	2494.	1192	2366.	1193	2247.	1194	2135.
1195	2030.	1196	1931.	1197	1837.	1198	1748.	1199	1664.
1200	1588.	1201	1517.	1202	1450.	1203	1387.	1204	1330.
1205	1276.	1206	1225.	1207	1178.	1208	1137.	1209	1100.
1210	1066.	1211	1032.	1212	1001.	1213	972.	1214	944.
1215	918.	1216	894.	1217	871.	1218	849.	1219	827.
1220	807.	1221	788.	1222	771.	1223	755.	1224	741.
1225	727.	1226	714.	1227	701.	1228	688.	1229	675.
1230	662.	1231	649.	1232	636.	1233	623.	1234	610.
1235	598.	1236	585.	1237	573.	1238	557.	1239	550.
1240	537.	1241	523.	1242	516.	1243	503.	1244	492.
1245	484.	1246	468.	1247	467.	1248	457.	1249	444.

CALLEGUA. 990									
1250	439.	1251	423.	1252	420.	1253	410.	1254	395.
1255	394.	1256	384.	1257	370.	1258	369.	1259	355.
1260	354.	1261	339.	1262	339.	1263	325.	1264	325.
1265	312.	1266	313.	1267	299.	1268	301.	1269	288.
1270	290.	1271	277.	1272	279.	1273	266.	1274	268.
1275	255.	1276	257.	1277	245.	1278	246.	1279	234.
1280	236.	1281	224.	1282	225.	1283	214.	1284	215.
1285	204.	1286	205.	1287	195.	1288	196.	1289	187.
1290	187.	1291	179.	1292	179.	1293	171.	1294	172.
1295	165.	1296	166.	1297	159.	1298	160.	1299	154.
1300	155.	1310	133.	1320	117.	1330	102.	1340	90.
1350	81.	1360	74.	1370	66.	1380	61.	1390	56.
1400	52.	1420	44.	1440	39.	1460	38.	1500	37.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 TIERRA REJADA VLY AT W OF MRPARK RD, W/ MRPARK HIGHLANDS Q100P
 HYDROGRAPH AT 15031 3398C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	39.	200	39.	300	39.	400	42.
500	47.	600	54.	700	61.	800	73.	900	111.
1000	247.	1050	426.	1100	780.	1110	906.	1120	1128.
1130	1391.	1131	1420.	1132	1450.	1133	1481.	1134	1513.
1135	1547.	1136	1582.	1137	1616.	1138	1651.	1139	1685.
1140	1720.	1141	1759.	1142	1801.	1143	1843.	1144	1888.
1145	1938.	1146	1994.	1147	2057.	1148	2127.	1149	2195.
1150	2265.	1151	2359.	1152	2508.	1153	2641.	1154	2766.
1155	2907.	1156	3052.	1157	3203.	1158	3355.	1159	3508.
1160	3675.	1161	3864.	1162	4062.	1163	4261.	1164	4456.
1165	4648.	1166	4806.	1167	4982.	1168	5133.	1169	5230.
1170	5290.	1171	5304.	1172	5273.	1173	5203.	1174	5098.
1175	4970.	1176	4831.	1177	4688.	1178	4540.	1179	4385.
1180	4229.	1181	4068.	1182	3904.	1183	3743.	1184	3577.
1185	3415.	1186	3257.	1187	3100.	1188	2948.	1189	2800.
1190	2658.	1191	2520.	1192	2390.	1193	2269.	1194	2157.
1195	2049.	1196	1950.	1197	1855.	1198	1765.	1199	1680.
1200	1603.	1201	1531.	1202	1464.	1203	1400.	1204	1342.
1205	1287.	1206	1236.	1207	1188.	1208	1147.	1209	1109.
1210	1075.	1211	1042.	1212	1010.	1213	981.	1214	953.
1215	928.	1216	904.	1217	881.	1218	859.	1219	837.
1220	817.	1221	798.	1222	781.	1223	765.	1224	750.
1225	736.	1226	723.	1227	710.	1228	697.	1229	683.
1230	670.	1231	656.	1232	643.	1233	630.	1234	617.
1235	604.	1236	591.	1237	579.	1238	563.	1239	554.
1240	542.	1241	527.	1242	520.	1243	508.	1244	496.
1245	488.	1246	473.	1247	470.	1248	462.	1249	448.
1250	442.	1251	427.	1252	423.	1253	414.	1254	399.
1255	397.	1256	388.	1257	374.	1258	372.	1259	359.
1260	355.	1261	344.	1262	340.	1263	330.	1264	326.
1265	317.	1266	313.	1267	305.	1268	301.	1269	294.
1270	289.	1271	283.	1272	278.	1273	272.	1274	267.
1275	262.	1276	256.	1277	251.	1278	246.	1279	240.
1280	235.	1281	230.	1282	224.	1283	220.	1284	214.
1285	210.	1286	204.	1287	201.	1288	195.	1289	192.
1290	187.	1291	184.	1292	179.	1293	176.	1294	172.
1295	169.	1296	166.	1297	164.	1298	160.	1299	158.
1300	156.	1310	136.	1320	117.	1330	105.	1340	90.
1350	83.	1360	73.	1370	69.	1380	60.	1390	58.
1400	51.	1420	47.	1440	39.	1460	40.	1500	39.

CALLEGUA. 990
 TIERRA REJADA VLY, SO. CHNL AT SANTA ROSA MOUTH Q100P (J' 100)
 HYDROGRAPH AT 15031 3424D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	2.	300	2.	400	2.
500	2.	600	2.	700	2.	800	2.	900	6.
1000	23.	1050	44.	1100	79.	1110	96.	1120	124.
1130	139.	1131	141.	1132	143.	1133	145.	1134	148.
1135	151.	1136	154.	1137	158.	1138	162.	1139	166.
1140	171.	1141	178.	1142	185.	1143	193.	1144	200.
1145	208.	1146	217.	1147	227.	1148	237.	1149	242.
1150	248.	1151	267.	1152	310.	1153	328.	1154	342.
1155	358.	1156	376.	1157	393.	1158	408.	1159	420.
1160	429.	1161	435.	1162	444.	1163	451.	1164	442.
1165	404.	1166	384.	1167	365.	1168	348.	1169	334.
1170	327.	1171	317.	1172	308.	1173	297.	1174	288.
1175	282.	1176	281.	1177	283.	1178	288.	1179	294.
1180	301.	1181	308.	1182	316.	1183	318.	1184	321.
1185	322.	1186	321.	1187	318.	1188	314.	1189	310.
1190	303.	1191	296.	1192	289.	1193	281.	1194	273.
1195	266.	1196	258.	1197	250.	1198	243.	1199	235.
1200	228.	1201	222.	1202	215.	1203	209.	1204	203.
1205	198.	1206	193.	1207	188.	1208	183.	1209	179.
1210	175.	1211	171.	1212	167.	1213	162.	1214	158.
1215	154.	1216	150.	1217	145.	1218	141.	1219	136.
1220	132.	1221	127.	1222	122.	1223	118.	1224	114.
1225	110.	1226	106.	1227	103.	1228	99.	1229	96.
1230	93.	1231	90.	1232	87.	1233	84.	1234	81.
1235	79.	1236	77.	1237	75.	1238	73.	1239	71.
1240	69.	1241	68.	1242	66.	1243	65.	1244	63.
1245	62.	1246	61.	1247	60.	1248	58.	1249	57.
1250	56.	1251	55.	1252	54.	1253	53.	1254	52.
1255	51.	1256	50.	1257	49.	1258	48.	1259	47.
1260	46.	1261	45.	1262	44.	1263	43.	1264	42.
1265	42.	1266	41.	1267	40.	1268	39.	1269	39.
1270	38.	1271	37.	1272	36.	1273	36.	1274	35.
1275	35.	1276	34.	1277	33.	1278	33.	1279	32.
1280	32.	1281	31.	1282	31.	1283	30.	1284	30.
1285	29.	1286	29.	1287	28.	1288	28.	1289	27.
1290	27.	1291	26.	1292	26.	1293	25.	1294	25.
1295	25.	1296	24.	1297	24.	1298	23.	1299	23.
1300	23.	1310	19.	1320	16.	1330	14.	1340	12.
1350	10.	1360	8.	1370	7.	1380	6.	1390	5.
1400	5.	1420	4.	1440	3.	1460	3.	1500	2.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 TIERRA REJADA VLY AT ARR STA ROSA MOUTH, W/O PC-4, Q100(J' ZN)
 HYDROGRAPH AT 15031 3428C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	44.	200	44.	300	45.	400	47.
500	52.	600	59.	700	66.	800	78.	900	113.
1000	251.	1050	431.	1100	801.	1110	922.	1120	1088.
1130	1303.	1131	1327.	1132	1352.	1133	1379.	1134	1408.
1135	1438.	1136	1469.	1137	1502.	1138	1535.	1139	1569.
1140	1606.	1141	1648.	1142	1692.	1143	1740.	1144	1787.
1145	1838.	1146	1890.	1147	1944.	1148	1998.	1149	2049.
1150	2097.	1151	2155.	1152	2249.	1153	2340.	1154	2438.
1155	2532.	1156	2620.	1157	2706.	1158	2790.	1159	2873.
1160	2963.	1161	3055.	1162	3161.	1163	3274.	1164	3382.
1165	3471.	1166	3596.	1167	3732.	1168	3866.	1169	4002.

CALLEGUA. 990

1170	4153.	1171	4310.	1172	4472.	1173	4635.	1174	4806.
1175	4987.	1176	5174.	1177	5343.	1178	5486.	1179	5601.
1180	5685.	1181	5733.	1182	5747.	1183	5720.	1184	5665.
1185	5582.	1186	5476.	1187	5353.	1188	5220.	1189	5082.
1190	4942.	1191	4798.	1192	4647.	1193	4488.	1194	4327.
1195	4172.	1196	4024.	1197	3877.	1198	3727.	1199	3576.
1200	3430.	1201	3296.	1202	3168.	1203	3039.	1204	2912.
1205	2789.	1206	2676.	1207	2575.	1208	2476.	1209	2377.
1210	2279.	1211	2186.	1212	2101.	1213	2027.	1214	1956.
1215	1882.	1216	1809.	1217	1739.	1218	1672.	1219	1611.
1220	1558.	1221	1510.	1222	1463.	1223	1415.	1224	1369.
1225	1325.	1226	1283.	1227	1245.	1228	1209.	1229	1175.
1230	1144.	1231	1114.	1232	1086.	1233	1061.	1234	1037.
1235	1014.	1236	991.	1237	969.	1238	948.	1239	927.
1240	908.	1241	888.	1242	870.	1243	853.	1244	836.
1245	821.	1246	806.	1247	792.	1248	780.	1249	766.
1250	752.	1251	738.	1252	724.	1253	710.	1254	696.
1255	682.	1256	668.	1257	655.	1258	642.	1259	628.
1260	616.	1261	603.	1262	591.	1263	579.	1264	568.
1265	557.	1266	546.	1267	535.	1268	525.	1269	514.
1270	504.	1271	494.	1272	485.	1273	475.	1274	466.
1275	458.	1276	449.	1277	441.	1278	433.	1279	426.
1280	419.	1281	412.	1282	405.	1283	398.	1284	391.
1285	384.	1286	377.	1287	370.	1288	363.	1289	356.
1290	350.	1291	344.	1292	337.	1293	331.	1294	325.
1295	319.	1296	314.	1297	308.	1298	302.	1299	297.
1300	291.	1310	246.	1320	210.	1330	178.	1340	155.
1350	136.	1360	122.	1370	110.	1380	99.	1390	90.
1400	81.	1420	68.	1440	58.	1460	51.	1500	45.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARROYO SANTA ROSA AT CONCRETE ARCH DAM Q100 (J' 100)

HYDROGRAPH AT 15031 3430C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	46.	200	46.	300	46.	400	48.
500	52.	600	59.	700	66.	800	77.	900	108.
1000	230.	1050	390.	1100	730.	1110	837.	1120	979.
1130	1145.	1131	1164.	1132	1183.	1133	1204.	1134	1227.
1135	1253.	1136	1279.	1137	1306.	1138	1334.	1139	1362.
1140	1392.	1141	1424.	1142	1458.	1143	1492.	1144	1528.
1145	1565.	1146	1605.	1147	1647.	1148	1693.	1149	1738.
1150	1785.	1151	1839.	1152	1912.	1153	1984.	1154	2069.
1155	2152.	1156	2223.	1157	2288.	1158	2352.	1159	2419.
1160	2493.	1161	2575.	1162	2658.	1163	2726.	1164	2780.
1165	2831.	1166	2880.	1167	2957.	1168	3048.	1169	3144.
1170	3249.	1171	3359.	1172	3476.	1173	3602.	1174	3735.
1175	3875.	1176	4023.	1177	4180.	1178	4344.	1179	4515.
1180	4695.	1181	4877.	1182	5052.	1183	5218.	1184	5362.
1185	5483.	1186	5575.	1187	5633.	1188	5659.	1189	5653.
1190	5618.	1191	5559.	1192	5478.	1193	5382.	1194	5274.
1195	5158.	1196	5034.	1197	4904.	1198	4769.	1199	4630.
1200	4491.	1201	4351.	1202	4213.	1203	4075.	1204	3938.
1205	3804.	1206	3672.	1207	3544.	1208	3419.	1209	3298.
1210	3180.	1211	3066.	1212	2955.	1213	2849.	1214	2747.
1215	2648.	1216	2552.	1217	2459.	1218	2371.	1219	2287.
1220	2206.	1221	2130.	1222	2057.	1223	1986.	1224	1918.
1225	1854.	1226	1793.	1227	1735.	1228	1681.	1229	1629.
1230	1579.	1231	1532.	1232	1487.	1233	1443.	1234	1402.
1235	1362.	1236	1325.	1237	1290.	1238	1256.	1239	1224.
1240	1194.	1241	1166.	1242	1138.	1243	1112.	1244	1086.

CALLEGUA. 990

1245	1062.	1246	1038.	1247	1015.	1248	994.	1249	973.
1250	953.	1251	934.	1252	915.	1253	897.	1254	880.
1255	864.	1256	849.	1257	835.	1258	821.	1259	807.
1260	793.	1261	780.	1262	766.	1263	753.	1264	740.
1265	729.	1266	716.	1267	704.	1268	691.	1269	679.
1270	666.	1271	654.	1272	642.	1273	630.	1274	618.
1275	607.	1276	595.	1277	584.	1278	573.	1279	562.
1280	552.	1281	541.	1282	531.	1283	521.	1284	512.
1285	502.	1286	493.	1287	484.	1288	476.	1289	467.
1290	459.	1291	452.	1292	444.	1293	436.	1294	429.
1295	422.	1296	415.	1297	409.	1298	403.	1299	397.
1300	391.	1310	335.	1320	284.	1330	243.	1340	212.
1350	184.	1360	161.	1370	142.	1380	127.	1390	115.
1400	105.	1420	87.	1440	73.	1460	63.	1500	50.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

ARR. STA. ROSA AT E. LAS POSAS RD. JCT. W/PENFIELD&SMITH UPDAT, Q100
 HYDROGRAPH AT 15031 3449C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	50.	200	50.	300	50.	400	51.
500	55.	600	61.	700	69.	800	79.	900	109.
1000	229.	1050	384.	1100	711.	1110	832.	1120	995.
1130	1134.	1131	1146.	1132	1162.	1133	1181.	1134	1206.
1135	1233.	1136	1261.	1137	1290.	1138	1319.	1139	1349.
1140	1379.	1141	1409.	1142	1440.	1143	1474.	1144	1509.
1145	1547.	1146	1589.	1147	1635.	1148	1685.	1149	1735.
1150	1776.	1151	1817.	1152	1894.	1153	2019.	1154	2162.
1155	2285.	1156	2366.	1157	2417.	1158	2461.	1159	2512.
1160	2573.	1161	2626.	1162	2647.	1163	2654.	1164	2662.
1165	2668.	1166	2679.	1167	2699.	1168	2727.	1169	2753.
1170	2774.	1171	2795.	1172	2819.	1173	2848.	1174	2881.
1175	2916.	1176	2955.	1177	2998.	1178	3045.	1179	3098.
1180	3157.	1181	3222.	1182	3295.	1183	3374.	1184	3461.
1185	3557.	1186	3664.	1187	3782.	1188	3913.	1189	4055.
1190	4209.	1191	4372.	1192	4543.	1193	4717.	1194	4887.
1195	5049.	1196	5196.	1197	5324.	1198	5428.	1199	5506.
1200	5557.	1201	5582.	1202	5583.	1203	5562.	1204	5522.
1205	5466.	1206	5397.	1207	5316.	1208	5226.	1209	5129.
1210	5026.	1211	4918.	1212	4805.	1213	4689.	1214	4570.
1215	4451.	1216	4330.	1217	4211.	1218	4091.	1219	3974.
1220	3858.	1221	3745.	1222	3634.	1223	3525.	1224	3419.
1225	3316.	1226	3217.	1227	3120.	1228	3027.	1229	2936.
1230	2848.	1231	2762.	1232	2680.	1233	2601.	1234	2524.
1235	2450.	1236	2380.	1237	2312.	1238	2246.	1239	2182.
1240	2120.	1241	2061.	1242	2004.	1243	1949.	1244	1896.
1245	1845.	1246	1796.	1247	1748.	1248	1702.	1249	1658.
1250	1616.	1251	1574.	1252	1535.	1253	1497.	1254	1460.
1255	1425.	1256	1391.	1257	1359.	1258	1328.	1259	1298.
1260	1270.	1261	1243.	1262	1216.	1263	1191.	1264	1166.
1265	1143.	1266	1121.	1267	1099.	1268	1078.	1269	1058.
1270	1038.	1271	1019.	1272	1000.	1273	981.	1274	964.
1275	947.	1276	930.	1277	915.	1278	900.	1279	885.
1280	871.	1281	857.	1282	843.	1283	829.	1284	816.
1285	803.	1286	791.	1287	780.	1288	768.	1289	757.
1290	746.	1291	735.	1292	724.	1293	713.	1294	702.
1295	691.	1296	682.	1297	673.	1298	662.	1299	652.
1300	642.	1310	547.	1320	467.	1330	403.	1340	354.
1350	313.	1360	273.	1370	240.	1380	215.	1390	193.
1400	172.	1420	139.	1440	115.	1460	99.	1500	75.

CALLEGUA. 990
 MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 ARR. STA. ROSA DWNSTRM. OF LOS POSAS RD (D/S OF FLOOD WALL), Q100
 HYDROGRAPH AT 15031 3452C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	51.	200	51.	300	51.	400	52.
500	56.	600	62.	700	70.	800	81.	900	111.
1000	235.	1050	393.	1100	728.	1110	858.	1120	1035.
1130	1174.	1131	1186.	1132	1202.	1133	1221.	1134	1245.
1135	1274.	1136	1305.	1137	1338.	1138	1371.	1139	1404.
1140	1438.	1141	1472.	1142	1507.	1143	1542.	1144	1581.
1145	1623.	1146	1668.	1147	1718.	1148	1773.	1149	1825.
1150	1872.	1151	1924.	1152	2016.	1153	2137.	1154	2296.
1155	2447.	1156	2552.	1157	2616.	1158	2659.	1159	2707.
1160	2766.	1161	2810.	1162	2803.	1163	2784.	1164	2765.
1165	2753.	1166	2749.	1167	2756.	1168	2774.	1169	2794.
1170	2815.	1171	2832.	1172	2850.	1173	2875.	1174	2905.
1175	2937.	1176	2972.	1177	3012.	1178	3056.	1179	3108.
1180	3162.	1181	3223.	1182	3293.	1183	3370.	1184	3453.
1185	3545.	1186	3648.	1187	3762.	1188	3888.	1189	4026.
1190	4176.	1191	4336.	1192	4505.	1193	4677.	1194	4850.
1195	5014.	1196	5166.	1197	5299.	1198	5410.	1199	5495.
1200	5554.	1201	5587.	1202	5594.	1203	5580.	1204	5545.
1205	5494.	1206	5428.	1207	5351.	1208	5264.	1209	5170.
1210	5070.	1211	4963.	1212	4852.	1213	4737.	1214	4620.
1215	4500.	1216	4380.	1217	4259.	1218	4140.	1219	4021.
1220	3904.	1221	3790.	1222	3678.	1223	3568.	1224	3460.
1225	3356.	1226	3255.	1227	3158.	1228	3063.	1229	2972.
1230	2882.	1231	2796.	1232	2713.	1233	2633.	1234	2555.
1235	2481.	1236	2410.	1237	2341.	1238	2274.	1239	2209.
1240	2147.	1241	2087.	1242	2030.	1243	1974.	1244	1920.
1245	1868.	1246	1818.	1247	1771.	1248	1724.	1249	1680.
1250	1636.	1251	1594.	1252	1554.	1253	1515.	1254	1477.
1255	1441.	1256	1407.	1257	1374.	1258	1343.	1259	1312.
1260	1283.	1261	1256.	1262	1229.	1263	1203.	1264	1178.
1265	1155.	1266	1132.	1267	1111.	1268	1089.	1269	1069.
1270	1049.	1271	1029.	1272	1010.	1273	991.	1274	973.
1275	956.	1276	939.	1277	923.	1278	908.	1279	893.
1280	879.	1281	864.	1282	851.	1283	837.	1284	824.
1285	811.	1286	798.	1287	787.	1288	775.	1289	764.
1290	753.	1291	741.	1292	730.	1293	719.	1294	709.
1295	698.	1296	688.	1297	679.	1298	669.	1299	659.
1300	649.	1310	553.	1320	473.	1330	407.	1340	358.
1350	317.	1360	277.	1370	243.	1380	218.	1390	196.
1400	174.	1420	140.	1440	117.	1460	100.	1500	76.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 ARR. STA. ROSA AFTER JCT. W/ROSELAND DRN, PENFIELD&SMITH UPDATE, 100
 HYDROGRAPH AT 15031 3458C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	53.	200	53.	300	54.	400	55.
500	58.	600	63.	700	70.	800	81.	900	106.
1000	202.	1050	324.	1100	600.	1110	690.	1120	817.
1130	947.	1131	959.	1132	974.	1133	989.	1134	1008.
1135	1030.	1136	1054.	1137	1079.	1138	1104.	1139	1128.
1140	1152.	1141	1177.	1142	1201.	1143	1226.	1144	1251.
1145	1278.	1146	1305.	1147	1335.	1148	1368.	1149	1403.
1150	1437.	1151	1472.	1152	1517.	1153	1580.	1154	1663.
1155	1748.	1156	1815.	1157	1866.	1158	1908.	1159	1945.
1160	1979.	1161	2018.	1162	2063.	1163	2101.	1164	2126.

CALLEGUA. 990

1165	2151.	1166	2183.	1167	2217.	1168	2256.	1169	2308.
1170	2362.	1171	2416.	1172	2468.	1173	2515.	1174	2554.
1175	2587.	1176	2616.	1177	2641.	1178	2665.	1179	2688.
1180	2710.	1181	2732.	1182	2754.	1183	2776.	1184	2798.
1185	2821.	1186	2847.	1187	2878.	1188	2913.	1189	2950.
1190	2991.	1191	3036.	1192	3085.	1193	3139.	1194	3199.
1195	3267.	1196	3344.	1197	3434.	1198	3535.	1199	3642.
1200	3758.	1201	3885.	1202	4022.	1203	4168.	1204	4313.
1205	4458.	1206	4601.	1207	4740.	1208	4867.	1209	4978.
1210	5074.	1211	5154.	1212	5217.	1213	5264.	1214	5294.
1215	5307.	1216	5303.	1217	5284.	1218	5254.	1219	5213.
1220	5163.	1221	5104.	1222	5036.	1223	4961.	1224	4879.
1225	4791.	1226	4700.	1227	4607.	1228	4514.	1229	4419.
1230	4323.	1231	4224.	1232	4124.	1233	4024.	1234	3927.
1235	3832.	1236	3740.	1237	3645.	1238	3551.	1239	3459.
1240	3370.	1241	3286.	1242	3203.	1243	3121.	1244	3039.
1245	2958.	1246	2879.	1247	2807.	1248	2738.	1249	2669.
1250	2600.	1251	2532.	1252	2466.	1253	2402.	1254	2343.
1255	2287.	1256	2231.	1257	2175.	1258	2121.	1259	2068.
1260	2016.	1261	1968.	1262	1922.	1263	1878.	1264	1835.
1265	1793.	1266	1751.	1267	1709.	1268	1669.	1269	1630.
1270	1593.	1271	1560.	1272	1528.	1273	1496.	1274	1466.
1275	1435.	1276	1405.	1277	1375.	1278	1347.	1279	1319.
1280	1292.	1281	1266.	1282	1242.	1283	1221.	1284	1199.
1285	1178.	1286	1157.	1287	1136.	1288	1116.	1289	1096.
1290	1077.	1291	1059.	1292	1040.	1293	1023.	1294	1006.
1295	989.	1296	972.	1297	957.	1298	943.	1299	929.
1300	915.	1310	789.	1320	686.	1330	598.	1340	519.
1350	451.	1360	396.	1370	350.	1380	313.	1390	280.
1400	249.	1420	203.	1440	169.	1460	139.	1500	102.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARR. STA. ROSA AFTER JCT. W/DUVAL RD. DRN, PRIOR TO JCT. W/TRIB. , Q100
 HYDROGRAPH AT 15031 3466C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	58.	200	58.	300	58.	400	60.
500	63.	600	68.	700	76.	800	89.	900	115.
1000	213.	1050	335.	1100	606.	1110	696.	1120	833.
1130	966.	1131	979.	1132	994.	1133	1010.	1134	1026.
1135	1045.	1136	1067.	1137	1091.	1138	1117.	1139	1144.
1140	1174.	1141	1207.	1142	1242.	1143	1278.	1144	1314.
1145	1350.	1146	1388.	1147	1426.	1148	1465.	1149	1503.
1150	1538.	1151	1583.	1152	1655.	1153	1738.	1154	1811.
1155	1887.	1156	1969.	1157	2053.	1158	2132.	1159	2200.
1160	2256.	1161	2304.	1162	2348.	1163	2385.	1164	2406.
1165	2390.	1166	2355.	1167	2328.	1168	2308.	1169	2298.
1170	2299.	1171	2313.	1172	2337.	1173	2370.	1174	2412.
1175	2457.	1176	2503.	1177	2547.	1178	2585.	1179	2619.
1180	2649.	1181	2676.	1182	2701.	1183	2724.	1184	2746.
1185	2767.	1186	2788.	1187	2808.	1188	2829.	1189	2851.
1190	2875.	1191	2902.	1192	2933.	1193	2966.	1194	3003.
1195	3045.	1196	3093.	1197	3149.	1198	3210.	1199	3279.
1200	3357.	1201	3445.	1202	3540.	1203	3645.	1204	3758.
1205	3884.	1206	4025.	1207	4172.	1208	4316.	1209	4459.
1210	4598.	1211	4733.	1212	4859.	1213	4975.	1214	5074.
1215	5156.	1216	5221.	1217	5267.	1218	5297.	1219	5310.
1220	5308.	1221	5292.	1222	5264.	1223	5225.	1224	5175.
1225	5117.	1226	5050.	1227	4976.	1228	4896.	1229	4812.
1230	4727.	1231	4641.	1232	4553.	1233	4461.	1234	4366.
1235	4269.	1236	4171.	1237	4074.	1238	3978.	1239	3886.

CALLEGUA. 990									
1240	3797.	1241	3707.	1242	3619.	1243	3530.	1244	3442.
1245	3357.	1246	3273.	1247	3189.	1248	3107.	1249	3030.
1250	2958.	1251	2887.	1252	2817.	1253	2748.	1254	2678.
1255	2609.	1256	2542.	1257	2478.	1258	2416.	1259	2357.
1260	2303.	1261	2251.	1262	2198.	1263	2146.	1264	2094.
1265	2044.	1266	1996.	1267	1949.	1268	1904.	1269	1860.
1270	1817.	1271	1776.	1272	1737.	1273	1700.	1274	1665.
1275	1630.	1276	1596.	1277	1563.	1278	1531.	1279	1499.
1280	1468.	1281	1438.	1282	1408.	1283	1379.	1284	1351.
1285	1324.	1286	1298.	1287	1273.	1288	1250.	1289	1229.
1290	1209.	1291	1190.	1292	1170.	1293	1150.	1294	1131.
1295	1112.	1296	1093.	1297	1075.	1298	1056.	1299	1039.
1300	1021.	1310	876.	1320	764.	1330	668.	1340	583.
1350	511.	1360	447.	1370	393.	1380	349.	1390	313.
1400	282.	1420	228.	1440	190.	1460	159.	1500	115.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 STA. ROSA TRIB. AT MOUTH OF MCRAE RANCH, Q100
 HYDROGRAPH AT 15031 3473D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	2.	300	2.	400	2.
500	2.	600	3.	700	3.	800	3.	900	7.
1000	22.	1050	45.	1100	83.	1110	106.	1120	146.
1130	162.	1131	167.	1132	171.	1133	174.	1134	178.
1135	181.	1136	186.	1137	191.	1138	196.	1139	203.
1140	210.	1141	218.	1142	225.	1143	234.	1144	243.
1145	256.	1146	270.	1147	284.	1148	299.	1149	305.
1150	313.	1151	342.	1152	412.	1153	438.	1154	452.
1155	477.	1156	515.	1157	549.	1158	578.	1159	605.
1160	632.	1161	640.	1162	608.	1163	587.	1164	582.
1165	567.	1166	536.	1167	496.	1168	460.	1169	425.
1170	400.	1171	371.	1172	341.	1173	314.	1174	289.
1175	267.	1176	247.	1177	229.	1178	214.	1179	201.
1180	186.	1181	172.	1182	160.	1183	151.	1184	142.
1185	134.	1186	127.	1187	119.	1188	111.	1189	106.
1190	100.	1191	95.	1192	91.	1193	86.	1194	83.
1195	79.	1196	76.	1197	73.	1198	71.	1199	68.
1200	66.	1201	65.	1202	63.	1203	63.	1204	62.
1205	61.	1206	61.	1207	60.	1208	60.	1209	60.
1210	61.	1211	59.	1212	58.	1213	57.	1214	57.
1215	56.	1216	55.	1217	55.	1218	54.	1219	54.
1220	54.	1221	53.	1222	53.	1223	52.	1224	51.
1225	50.	1226	48.	1227	47.	1228	45.	1229	43.
1230	42.	1231	41.	1232	40.	1233	39.	1234	38.
1235	37.	1236	36.	1237	35.	1238	34.	1239	33.
1240	32.	1241	31.	1242	30.	1243	29.	1244	28.
1245	28.	1246	27.	1247	26.	1248	26.	1249	25.
1250	25.	1251	24.	1252	24.	1253	23.	1254	22.
1255	22.	1256	21.	1257	20.	1258	20.	1259	19.
1260	18.	1261	18.	1262	17.	1263	17.	1264	16.
1265	15.	1266	15.	1267	14.	1268	14.	1269	13.
1270	13.	1271	13.	1272	12.	1273	12.	1274	11.
1275	11.	1276	11.	1277	10.	1278	10.	1279	10.
1280	9.	1281	9.	1282	9.	1283	8.	1284	8.
1285	8.	1286	8.	1287	7.	1288	7.	1289	7.
1290	7.	1291	7.	1292	7.	1293	6.	1294	6.
1295	6.	1296	6.	1297	6.	1298	6.	1299	6.
1300	6.	1310	5.	1320	4.	1330	4.	1340	3.
1350	3.	1360	3.	1370	3.	1380	2.	1390	2.
1400	2.	1420	2.	1440	2.	1460	2.	1500	2.

CALLEGUA. 990

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 SAT. ROSA TRIB. AT INTERSECTION OF MOORPARK RD & SANTA ROSA RD.
 HYDROGRAPH AT 15031 3480D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	3.	300	3.	400	3.
500	3.	600	4.	700	4.	800	5.	900	8.
1000	26.	1050	59.	1100	113.	1110	150.	1120	210.
1130	228.	1131	233.	1132	240.	1133	247.	1134	256.
1135	265.	1136	274.	1137	283.	1138	292.	1139	301.
1140	311.	1141	321.	1142	332.	1143	344.	1144	357.
1145	376.	1146	395.	1147	416.	1148	440.	1149	449.
1150	459.	1151	494.	1152	596.	1153	661.	1154	719.
1155	751.	1156	771.	1157	799.	1158	836.	1159	869.
1160	884.	1161	879.	1162	825.	1163	796.	1164	767.
1165	742.	1166	721.	1167	692.	1168	653.	1169	607.
1170	568.	1171	528.	1172	490.	1173	454.	1174	420.
1175	387.	1176	359.	1177	339.	1178	316.	1179	298.
1180	274.	1181	255.	1182	236.	1183	219.	1184	203.
1185	189.	1186	177.	1187	166.	1188	156.	1189	148.
1190	139.	1191	132.	1192	126.	1193	121.	1194	116.
1195	112.	1196	108.	1197	104.	1198	101.	1199	96.
1200	93.	1201	91.	1202	89.	1203	87.	1204	86.
1205	85.	1206	85.	1207	85.	1208	85.	1209	86.
1210	86.	1211	84.	1212	82.	1213	80.	1214	77.
1215	74.	1216	71.	1217	69.	1218	67.	1219	66.
1220	65.	1221	65.	1222	64.	1223	64.	1224	63.
1225	62.	1226	61.	1227	60.	1228	59.	1229	57.
1230	56.	1231	54.	1232	52.	1233	51.	1234	49.
1235	48.	1236	47.	1237	45.	1238	44.	1239	43.
1240	42.	1241	41.	1242	39.	1243	38.	1244	37.
1245	36.	1246	35.	1247	34.	1248	33.	1249	33.
1250	32.	1251	31.	1252	31.	1253	30.	1254	29.
1255	29.	1256	28.	1257	27.	1258	27.	1259	26.
1260	26.	1261	25.	1262	25.	1263	24.	1264	23.
1265	22.	1266	22.	1267	21.	1268	20.	1269	20.
1270	19.	1271	19.	1272	18.	1273	17.	1274	17.
1275	16.	1276	16.	1277	15.	1278	15.	1279	14.
1280	14.	1281	13.	1282	13.	1283	12.	1284	12.
1285	12.	1286	11.	1287	11.	1288	11.	1289	10.
1290	10.	1291	10.	1292	10.	1293	9.	1294	9.
1295	9.	1296	9.	1297	9.	1298	8.	1299	8.
1300	8.	1310	7.	1320	6.	1330	5.	1340	5.
1350	4.	1360	4.	1370	4.	1380	3.	1390	3.
1400	3.	1420	3.	1440	2.	1460	2.	1500	2.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
 STA. ROSA TRIB. AT STA. ROSA RD. BELOW DEBRIS DAM, P&S UPDATE, Q100
 HYDROGRAPH AT 15031 3513D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	15.	200	15.	300	15.	400	16.
500	19.	600	21.	700	24.	800	29.	900	42.
1000	84.	1050	144.	1100	273.	1110	338.	1120	442.
1130	505.	1131	512.	1132	522.	1133	535.	1134	550.
1135	566.	1136	585.	1137	604.	1138	625.	1139	647.
1140	669.	1141	694.	1142	718.	1143	744.	1144	770.
1145	800.	1146	830.	1147	864.	1148	899.	1149	925.
1150	943.	1151	985.	1152	1100.	1153	1212.	1154	1315.
1155	1391.	1156	1446.	1157	1493.	1158	1537.	1159	1576.

CALLEGUA. 990

1160	1617.	1161	1639.	1162	1622.	1163	1587.	1164	1574.
1165	1553.	1166	1519.	1167	1488.	1168	1480.	1169	1485.
1170	1506.	1171	1521.	1172	1529.	1173	1523.	1174	1509.
1175	1486.	1176	1458.	1177	1427.	1178	1393.	1179	1357.
1180	1319.	1181	1276.	1182	1234.	1183	1190.	1184	1146.
1185	1100.	1186	1056.	1187	1012.	1188	969.	1189	927.
1190	887.	1191	847.	1192	810.	1193	775.	1194	743.
1195	714.	1196	686.	1197	659.	1198	633.	1199	607.
1200	583.	1201	561.	1202	540.	1203	521.	1204	504.
1205	488.	1206	473.	1207	459.	1208	447.	1209	435.
1210	424.	1211	413.	1212	400.	1213	387.	1214	373.
1215	360.	1216	346.	1217	333.	1218	319.	1219	307.
1220	294.	1221	282.	1222	271.	1223	261.	1224	252.
1225	244.	1226	238.	1227	232.	1228	226.	1229	221.
1230	217.	1231	213.	1232	209.	1233	205.	1234	202.
1235	198.	1236	195.	1237	192.	1238	189.	1239	186.
1240	183.	1241	179.	1242	175.	1243	171.	1244	167.
1245	163.	1246	159.	1247	154.	1248	150.	1249	146.
1250	142.	1251	138.	1252	134.	1253	131.	1254	128.
1255	125.	1256	122.	1257	120.	1258	118.	1259	115.
1260	113.	1261	111.	1262	109.	1263	107.	1264	105.
1265	103.	1266	102.	1267	100.	1268	99.	1269	97.
1270	96.	1271	94.	1272	93.	1273	92.	1274	90.
1275	89.	1276	87.	1277	85.	1278	84.	1279	83.
1280	81.	1281	80.	1282	78.	1283	77.	1284	76.
1285	74.	1286	73.	1287	72.	1288	71.	1289	70.
1290	69.	1291	68.	1292	67.	1293	66.	1294	65.
1295	64.	1296	63.	1297	62.	1298	61.	1299	60.
1300	60.	1310	52.	1320	45.	1330	38.	1340	33.
1350	30.	1360	27.	1370	24.	1380	22.	1390	21.
1400	18.	1420	15.	1440	14.	1460	14.	1500	14.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

STA. ROSA TRI B. PRIOR TO JCT. W/ARR. STA. ROSA, P&S UPDATE, Q100

HYDROGRAPH AT 15031 3535D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	20.	200	20.	300	33.	400	44.
500	51.	600	66.	700	80.	800	96.	900	130.
1000	217.	1050	317.	1100	474.	1110	535.	1120	623.
1130	752.	1131	767.	1132	783.	1133	799.	1134	816.
1135	834.	1136	852.	1137	871.	1138	890.	1139	909.
1140	930.	1141	952.	1142	976.	1143	1002.	1144	1028.
1145	1056.	1146	1085.	1147	1118.	1148	1152.	1149	1189.
1150	1231.	1151	1285.	1152	1347.	1153	1423.	1154	1517.
1155	1623.	1156	1744.	1157	1882.	1158	2018.	1159	2149.
1160	2272.	1161	2383.	1162	2476.	1163	2543.	1164	2580.
1165	2601.	1166	2608.	1167	2598.	1168	2589.	1169	2589.
1170	2596.	1171	2604.	1172	2608.	1173	2607.	1174	2602.
1175	2589.	1176	2568.	1177	2541.	1178	2505.	1179	2463.
1180	2417.	1181	2368.	1182	2319.	1183	2271.	1184	2225.
1185	2183.	1186	2143.	1187	2105.	1188	2069.	1189	2034.
1190	2001.	1191	1967.	1192	1934.	1193	1899.	1194	1865.
1195	1831.	1196	1796.	1197	1760.	1198	1723.	1199	1685.
1200	1649.	1201	1610.	1202	1571.	1203	1530.	1204	1489.
1205	1448.	1206	1407.	1207	1366.	1208	1328.	1209	1292.
1210	1256.	1211	1222.	1212	1187.	1213	1152.	1214	1117.
1215	1083.	1216	1050.	1217	1018.	1218	990.	1219	964.
1220	941.	1221	919.	1222	896.	1223	874.	1224	852.
1225	830.	1226	809.	1227	789.	1228	770.	1229	751.
1230	733.	1231	715.	1232	698.	1233	681.	1234	666.

CALLEGUA. 990

1235	650.	1236	637.	1237	623.	1238	610.	1239	597.
1240	584.	1241	571.	1242	558.	1243	545.	1244	532.
1245	519.	1246	507.	1247	496.	1248	485.	1249	476.
1250	467.	1251	458.	1252	450.	1253	442.	1254	434.
1255	426.	1256	419.	1257	412.	1258	405.	1259	398.
1260	392.	1261	386.	1262	380.	1263	374.	1264	368.
1265	363.	1266	358.	1267	352.	1268	347.	1269	342.
1270	337.	1271	332.	1272	326.	1273	322.	1274	317.
1275	312.	1276	307.	1277	302.	1278	298.	1279	293.
1280	289.	1281	284.	1282	280.	1283	276.	1284	272.
1285	268.	1286	264.	1287	260.	1288	257.	1289	253.
1290	250.	1291	246.	1292	243.	1293	240.	1294	237.
1295	234.	1296	231.	1297	228.	1298	225.	1299	223.
1300	220.	1310	197.	1320	172.	1330	149.	1340	131.
1350	115.	1360	96.	1370	78.	1380	65.	1390	56.
1400	48.	1420	36.	1440	29.	1460	23.	1500	20.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARR. STA. ROSA @JCT. W/SAT. ROSA TRI B, PENFIELD & SMITH UPDATE, Q100
 HYDROGRAPH AT 15031 3536C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	78.	200	78.	300	91.	400	103.
500	114.	600	135.	700	157.	800	185.	900	245.
1000	430.	1050	652.	1100	1080.	1110	1231.	1120	1457.
1130	1718.	1131	1746.	1132	1777.	1133	1809.	1134	1843.
1135	1880.	1136	1919.	1137	1962.	1138	2006.	1139	2054.
1140	2104.	1141	2158.	1142	2217.	1143	2280.	1144	2342.
1145	2406.	1146	2473.	1147	2544.	1148	2617.	1149	2691.
1150	2770.	1151	2868.	1152	3002.	1153	3161.	1154	3328.
1155	3509.	1156	3713.	1157	3935.	1158	4151.	1159	4349.
1160	4528.	1161	4688.	1162	4824.	1163	4928.	1164	4986.
1165	4992.	1166	4963.	1167	4926.	1168	4898.	1169	4888.
1170	4895.	1171	4916.	1172	4944.	1173	4978.	1174	5013.
1175	5045.	1176	5072.	1177	5088.	1178	5091.	1179	5082.
1180	5066.	1181	5045.	1182	5021.	1183	4995.	1184	4971.
1185	4950.	1186	4930.	1187	4913.	1188	4898.	1189	4885.
1190	4876.	1191	4870.	1192	4866.	1193	4866.	1194	4868.
1195	4875.	1196	4889.	1197	4909.	1198	4934.	1199	4964.
1200	5006.	1201	5055.	1202	5111.	1203	5175.	1204	5248.
1205	5332.	1206	5432.	1207	5538.	1208	5644.	1209	5751.
1210	5854.	1211	5955.	1212	6046.	1213	6127.	1214	6191.
1215	6239.	1216	6270.	1217	6286.	1218	6287.	1219	6274.
1220	6248.	1221	6211.	1222	6160.	1223	6099.	1224	6028.
1225	5947.	1226	5859.	1227	5765.	1228	5665.	1229	5563.
1230	5460.	1231	5356.	1232	5251.	1233	5142.	1234	5031.
1235	4919.	1236	4807.	1237	4697.	1238	4588.	1239	4483.
1240	4381.	1241	4278.	1242	4176.	1243	4074.	1244	3974.
1245	3876.	1246	3780.	1247	3685.	1248	3592.	1249	3506.
1250	3425.	1251	3346.	1252	3267.	1253	3189.	1254	3112.
1255	3036.	1256	2961.	1257	2889.	1258	2820.	1259	2755.
1260	2695.	1261	2637.	1262	2578.	1263	2520.	1264	2462.
1265	2407.	1266	2354.	1267	2302.	1268	2251.	1269	2202.
1270	2154.	1271	2108.	1272	2063.	1273	2021.	1274	1981.
1275	1942.	1276	1904.	1277	1866.	1278	1829.	1279	1792.
1280	1757.	1281	1722.	1282	1688.	1283	1655.	1284	1623.
1285	1592.	1286	1562.	1287	1534.	1288	1507.	1289	1482.
1290	1459.	1291	1436.	1292	1413.	1293	1390.	1294	1368.
1295	1346.	1296	1324.	1297	1303.	1298	1282.	1299	1261.
1300	1242.	1310	1072.	1320	936.	1330	817.	1340	714.
1350	626.	1360	543.	1370	471.	1380	415.	1390	369.

CALLEGUA. 990

1400 329. 1420 263. 1440 219. 1460 182. 1500 135.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ARR. STA. ROSA PRIOR JCT. W/CONEJO CK. W/PENFIELD&SMITH UPDATE, Q100

HYDROGRAPH AT 15031 3568C STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	84.	200	84.	300	96.	400	112.
500	124.	600	145.	700	170.	800	203.	900	265.
1000	450.	1050	666.	1100	1076.	1110	1218.	1120	1424.
1130	1695.	1131	1722.	1132	1749.	1133	1776.	1134	1804.
1135	1835.	1136	1867.	1137	1903.	1138	1942.	1139	1983.
1140	2027.	1141	2076.	1142	2127.	1143	2183.	1144	2242.
1145	2307.	1146	2378.	1147	2457.	1148	2541.	1149	2648.
1150	2761.	1151	2857.	1152	3004.	1153	3143.	1154	3299.
1155	3481.	1156	3668.	1157	3841.	1158	4004.	1159	4163.
1160	4274.	1161	4381.	1162	4498.	1163	4583.	1164	4683.
1165	4784.	1166	4883.	1167	4979.	1168	5063.	1169	5133.
1170	5189.	1171	5235.	1172	5261.	1173	5270.	1174	5262.
1175	5241.	1176	5216.	1177	5189.	1178	5167.	1179	5151.
1180	5143.	1181	5145.	1182	5153.	1183	5165.	1184	5180.
1185	5192.	1186	5201.	1187	5204.	1188	5201.	1189	5192.
1190	5177.	1191	5158.	1192	5135.	1193	5112.	1194	5090.
1195	5068.	1196	5047.	1197	5028.	1198	5012.	1199	4998.
1200	4987.	1201	4978.	1202	4973.	1203	4972.	1204	4975.
1205	4983.	1206	4996.	1207	5017.	1208	5045.	1209	5081.
1210	5125.	1211	5177.	1212	5238.	1213	5307.	1214	5385.
1215	5470.	1216	5562.	1217	5658.	1218	5755.	1219	5856.
1220	5958.	1221	6052.	1222	6134.	1223	6201.	1224	6252.
1225	6289.	1226	6312.	1227	6319.	1228	6313.	1229	6294.
1230	6262.	1231	6219.	1232	6165.	1233	6101.	1234	6030.
1235	5954.	1236	5874.	1237	5791.	1238	5703.	1239	5609.
1240	5510.	1241	5407.	1242	5302.	1243	5197.	1244	5093.
1245	4992.	1246	4893.	1247	4796.	1248	4696.	1249	4593.
1250	4491.	1251	4390.	1252	4291.	1253	4196.	1254	4105.
1255	4015.	1256	3926.	1257	3835.	1258	3746.	1259	3658.
1260	3574.	1261	3494.	1262	3417.	1263	3343.	1264	3270.
1265	3197.	1266	3125.	1267	3052.	1268	2982.	1269	2915.
1270	2850.	1271	2791.	1272	2734.	1273	2680.	1274	2625.
1275	2571.	1276	2517.	1277	2463.	1278	2409.	1279	2358.
1280	2308.	1281	2261.	1282	2217.	1283	2175.	1284	2137.
1285	2098.	1286	2060.	1287	2021.	1288	1982.	1289	1944.
1290	1906.	1291	1869.	1292	1833.	1293	1798.	1294	1764.
1295	1732.	1296	1703.	1297	1675.	1298	1648.	1299	1622.
1300	1595.	1310	1362.	1320	1182.	1330	1040.	1340	911.
1350	796.	1360	698.	1370	617.	1380	544.	1390	477.
1400	425.	1420	343.	1440	279.	1460	233.	1500	170.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

ONEJO CREEK AFTER JCT. W/ARR. STA. ROSA Q-100 PRESENT

HYDROGRAPH AT 15031 3570B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1475.	200	1510.	300	1755.	400	2197.
500	2544.	600	2868.	700	3298.	800	3764.	900	4533.
1000	6140.	1050	7575.	1100	9746.	1110	10319.	1120	11016.
1130	11834.	1131	11922.	1132	12014.	1133	12111.	1134	12211.
1135	12315.	1136	12422.	1137	12534.	1138	12651.	1139	12773.
1140	12901.	1141	13037.	1142	13180.	1143	13329.	1144	13482.
1145	13645.	1146	13819.	1147	14005.	1148	14203.	1149	14408.
1150	14627.	1151	14876.	1152	15181.	1153	15522.	1154	15895.

CALLEGUA. 990

1155	16270.	1156	16661.	1157	17061.	1158	17455.	1159	17843.
1160	18221.	1161	18582.	1162	18938.	1163	19264.	1164	19541.
1165	19797.	1166	20128.	1167	20494.	1168	20884.	1169	21290.
1170	21723.	1171	22180.	1172	22669.	1173	23171.	1174	23680.
1175	24183.	1176	24680.	1177	25167.	1178	25647.	1179	26127.
1180	26618.	1181	27132.	1182	27684.	1183	28286.	1184	28952.
1185	29681.	1186	30467.	1187	31291.	1188	32126.	1189	32942.
1190	33710.	1191	34407.	1192	35017.	1193	35534.	1194	35957.
1195	36290.	1196	36537.	1197	36705.	1198	36797.	1199	36816.
1200	36764.	1201	36644.	1202	36460.	1203	36216.	1204	35917.
1205	35570.	1206	35183.	1207	34762.	1208	34317.	1209	33856.
1210	33384.	1211	32910.	1212	32436.	1213	31969.	1214	31517.
1215	31080.	1216	30661.	1217	30264.	1218	29887.	1219	29531.
1220	29198.	1221	28884.	1222	28586.	1223	28297.	1224	28014.
1225	27734.	1226	27458.	1227	27182.	1228	26907.	1229	26632.
1230	26356.	1231	26078.	1232	25798.	1233	25515.	1234	25232.
1235	24946.	1236	24662.	1237	24378.	1238	24096.	1239	23814.
1240	23530.	1241	23245.	1242	22959.	1243	22673.	1244	22391.
1245	22111.	1246	21837.	1247	21566.	1248	21298.	1249	21032.
1250	20765.	1251	20500.	1252	20237.	1253	19979.	1254	19724.
1255	19475.	1256	19229.	1257	18986.	1258	18745.	1259	18506.
1260	18270.	1261	18039.	1262	17813.	1263	17592.	1264	17376.
1265	17164.	1266	16954.	1267	16747.	1268	16542.	1269	16340.
1270	16142.	1271	15949.	1272	15761.	1273	15578.	1274	15399.
1275	15224.	1276	15049.	1277	14878.	1278	14708.	1279	14541.
1280	14376.	1281	14215.	1282	14057.	1283	13905.	1284	13757.
1285	13613.	1286	13473.	1287	13335.	1288	13198.	1289	13064.
1290	12932.	1291	12803.	1292	12676.	1293	12551.	1294	12428.
1295	12308.	1296	12192.	1297	12078.	1298	11969.	1299	11862.
1300	11757.	1310	10819.	1320	10043.	1330	9364.	1340	8744.
1350	8166.	1360	7636.	1370	7143.	1380	6664.	1390	6222.
1400	5815.	1420	5045.	1440	4393.	1460	3844.	1500	3032.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CALLEGUAS CREEK AFTER JCT. W/CONEJO CREEK Q-100 PRESENT

HYDROGRAPH AT 15031 3812A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3912.	200	3932.	300	4073.	400	4461.
500	5161.	600	6128.	700	7258.	800	8562.	900	10255.
1000	13281.	1050	15841.	1100	19780.	1110	20774.	1120	21884.
1130	23167.	1131	23306.	1132	23445.	1133	23586.	1134	23730.
1135	23879.	1136	24034.	1137	24191.	1138	24350.	1139	24511.
1140	24675.	1141	24844.	1142	25017.	1143	25194.	1144	25376.
1145	25562.	1146	25754.	1147	25954.	1148	26162.	1149	26379.
1150	26628.	1151	26879.	1152	27189.	1153	27488.	1154	27801.
1155	28127.	1156	28459.	1157	28797.	1158	29154.	1159	29530.
1160	29919.	1161	30317.	1162	30719.	1163	31120.	1164	31506.
1165	31889.	1166	32300.	1167	32706.	1168	33122.	1169	33548.
1170	33980.	1171	34435.	1172	34913.	1173	35392.	1174	35870.
1175	36340.	1176	36795.	1177	37233.	1178	37652.	1179	38057.
1180	38461.	1181	38874.	1182	39284.	1183	39690.	1184	40097.
1185	40509.	1186	40934.	1187	41376.	1188	41844.	1189	42347.
1190	42881.	1191	43435.	1192	44003.	1193	44586.	1194	45188.
1195	45814.	1196	46472.	1197	47159.	1198	47859.	1199	48573.
1200	49306.	1201	50053.	1202	50819.	1203	51608.	1204	52432.
1205	53295.	1206	54158.	1207	55001.	1208	55824.	1209	56629.
1210	57417.	1211	58189.	1212	58949.	1213	59696.	1214	60424.
1215	61126.	1216	61802.	1217	62456.	1218	63092.	1219	63716.
1220	64341.	1221	64966.	1222	65580.	1223	66183.	1224	66781.
1225	67377.	1226	67975.	1227	68577.	1228	69184.	1229	69791.

CALLEGUA. 990

1230	70388.	1231	70974.	1232	71548.	1233	72112.	1234	72668.
1235	73218.	1236	73768.	1237	74321.	1238	74877.	1239	75434.
1240	75996.	1241	76568.	1242	77159.	1243	77774.	1244	78419.
1245	79098.	1246	79817.	1247	80581.	1248	81404.	1249	82257.
1250	83122.	1251	83991.	1252	84851.	1253	85689.	1254	86497.
1255	87263.	1256	87980.	1257	88641.	1258	89251.	1259	89769.
1260	90185.	1261	90505.	1262	90730.	1263	90865.	1264	90912.
1265	90876.	1266	90761.	1267	90572.	1268	90313.	1269	89990.
1270	89609.	1271	89177.	1272	88701.	1273	88189.	1274	87636.
1275	87047.	1276	86429.	1277	85788.	1278	85131.	1279	84465.
1280	83796.	1281	83129.	1282	82454.	1283	81779.	1284	81111.
1285	80450.	1286	79795.	1287	79147.	1288	78509.	1289	77885.
1290	77276.	1291	76684.	1292	76110.	1293	75557.	1294	75023.
1295	74512.	1296	74024.	1297	73561.	1298	73120.	1299	72703.
1300	72300.	1310	68408.	1320	64177.	1330	59313.	1340	54261.
1350	49574.	1360	45256.	1370	41529.	1380	38220.	1390	35307.
1400	32825.	1420	28685.	1440	25349.	1460	22636.	1500	18299.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952

LONG GRADE CANYON Q100 PRESENT DDT/LG 6/99 (FN=LONGGRDE. 991)
 HYDROGRAPH AT 15031 3861B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	7.	400	7.
500	11.	600	14.	700	18.	800	21.	900	29.
1000	44.	1050	61.	1100	68.	1110	93.	1120	97.
1130	125.	1131	128.	1132	131.	1133	137.	1134	144.
1135	149.	1136	148.	1137	152.	1138	155.	1139	158.
1140	162.	1141	169.	1142	176.	1143	182.	1144	189.
1145	202.	1146	215.	1147	228.	1148	239.	1149	289.
1150	340.	1151	342.	1152	445.	1153	495.	1154	505.
1155	507.	1156	504.	1157	499.	1158	493.	1159	485.
1160	473.	1161	456.	1162	440.	1163	423.	1164	372.
1165	312.	1166	308.	1167	197.	1168	139.	1169	125.
1170	111.	1171	103.	1172	96.	1173	91.	1174	87.
1175	81.	1176	78.	1177	75.	1178	72.	1179	65.
1180	66.	1181	64.	1182	64.	1183	62.	1184	56.
1185	60.	1186	57.	1187	56.	1188	56.	1189	56.
1190	55.	1191	55.	1192	55.	1193	56.	1194	56.
1195	56.	1196	55.	1197	55.	1198	56.	1199	55.
1200	55.	1201	54.	1202	53.	1203	52.	1204	51.
1205	50.	1206	49.	1207	49.	1208	47.	1209	46.
1210	45.	1211	44.	1212	43.	1213	42.	1214	42.
1215	40.	1216	41.	1217	41.	1218	41.	1219	40.
1220	41.	1221	42.	1222	41.	1223	41.	1224	41.
1225	42.	1226	42.	1227	41.	1228	41.	1229	42.
1230	42.	1231	41.	1232	41.	1233	41.	1234	41.
1235	41.	1236	40.	1237	40.	1238	41.	1239	40.
1240	39.	1241	40.	1242	40.	1243	39.	1244	39.
1245	39.	1246	39.	1247	39.	1248	39.	1249	39.
1250	39.	1251	39.	1252	39.	1253	39.	1254	39.
1255	39.	1256	39.	1257	39.	1258	39.	1259	39.
1260	39.	1261	39.	1262	38.	1263	37.	1264	37.
1265	36.	1266	35.	1267	34.	1268	34.	1269	34.
1270	33.	1271	31.	1272	31.	1273	31.	1274	30.
1275	29.	1276	29.	1277	30.	1278	30.	1279	29.
1280	29.	1281	30.	1282	30.	1283	29.	1284	29.
1285	30.	1286	30.	1287	29.	1288	29.	1289	30.
1290	30.	1291	29.	1292	29.	1293	29.	1294	30.
1295	29.	1296	29.	1297	30.	1298	30.	1299	29.
1300	29.	1310	20.	1320	15.	1330	15.	1340	15.

CALLEGUA. 990									
1350	2.	1360	0.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LONG GRADE CANYON Q100 PRESENT NEAR OLD DEBRIS DAM SITE
 HYDROGRAPH AT 15031 3884B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	8.	200	8.	300	22.	400	40.
500	49.	600	67.	700	86.	800	105.	900	153.
1000	244.	1050	336.	1100	421.	1110	455.	1120	506.
1130	594.	1131	606.	1132	617.	1133	629.	1134	642.
1135	656.	1136	669.	1137	684.	1138	699.	1139	715.
1140	732.	1141	749.	1142	768.	1143	788.	1144	810.
1145	834.	1146	860.	1147	887.	1148	917.	1149	958.
1150	1009.	1151	1059.	1152	1144.	1153	1223.	1154	1308.
1155	1391.	1156	1471.	1157	1557.	1158	1656.	1159	1764.
1160	1872.	1161	1979.	1162	2082.	1163	2182.	1164	2278.
1165	2375.	1166	2479.	1167	2538.	1168	2594.	1169	2625.
1170	2617.	1171	2588.	1172	2541.	1173	2475.	1174	2392.
1175	2293.	1176	2186.	1177	2073.	1178	1959.	1179	1846.
1180	1736.	1181	1629.	1182	1527.	1183	1429.	1184	1337.
1185	1252.	1186	1171.	1187	1096.	1188	1028.	1189	965.
1190	907.	1191	855.	1192	808.	1193	764.	1194	725.
1195	689.	1196	656.	1197	627.	1198	600.	1199	576.
1200	553.	1201	532.	1202	513.	1203	495.	1204	479.
1205	464.	1206	450.	1207	438.	1208	427.	1209	417.
1210	408.	1211	400.	1212	392.	1213	384.	1214	377.
1215	370.	1216	364.	1217	358.	1218	352.	1219	347.
1220	343.	1221	339.	1222	335.	1223	331.	1224	328.
1225	325.	1226	322.	1227	319.	1228	316.	1229	314.
1230	311.	1231	308.	1232	305.	1233	302.	1234	299.
1235	296.	1236	292.	1237	289.	1238	287.	1239	283.
1240	280.	1241	278.	1242	275.	1243	272.	1244	269.
1245	267.	1246	265.	1247	263.	1248	261.	1249	259.
1250	257.	1251	256.	1252	255.	1253	254.	1254	253.
1255	252.	1256	251.	1257	250.	1258	250.	1259	249.
1260	249.	1261	248.	1262	247.	1263	246.	1264	246.
1265	245.	1266	244.	1267	243.	1268	242.	1269	241.
1270	240.	1271	238.	1272	237.	1273	236.	1274	235.
1275	233.	1276	232.	1277	231.	1278	229.	1279	228.
1280	226.	1281	225.	1282	224.	1283	223.	1284	221.
1285	220.	1286	219.	1287	218.	1288	216.	1289	215.
1290	214.	1291	212.	1292	211.	1293	209.	1294	208.
1295	206.	1296	205.	1297	203.	1298	202.	1299	200.
1300	198.	1310	175.	1320	154.	1330	139.	1340	124.
1350	105.	1360	89.	1370	74.	1380	62.	1390	52.
1400	43.	1420	29.	1440	20.	1460	13.	1500	7.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
 LONG GRADE CANYON Q100 PRESENT AT RINCON DR. CROSSING
 HYDROGRAPH AT 15031 3888B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	17.	200	18.	300	30.	400	49.
500	63.	600	79.	700	102.	800	122.	900	169.
1000	263.	1050	356.	1100	455.	1110	491.	1120	528.
1130	602.	1131	612.	1132	621.	1133	631.	1134	642.
1135	652.	1136	662.	1137	675.	1138	687.	1139	699.
1140	713.	1141	728.	1142	744.	1143	761.	1144	779.
1145	801.	1146	823.	1147	846.	1148	871.	1149	915.

CALLEGUA. 990

1150	959.	1151	988.	1152	1065.	1153	1124.	1154	1174.
1155	1229.	1156	1281.	1157	1332.	1158	1384.	1159	1443.
1160	1508.	1161	1578.	1162	1636.	1163	1700.	1164	1793.
1165	1846.	1166	1917.	1167	2005.	1168	2094.	1169	2176.
1170	2258.	1171	2346.	1172	2430.	1173	2502.	1174	2559.
1175	2595.	1176	2609.	1177	2598.	1178	2572.	1179	2526.
1180	2466.	1181	2392.	1182	2308.	1183	2221.	1184	2128.
1185	2034.	1186	1939.	1187	1846.	1188	1755.	1189	1666.
1190	1581.	1191	1500.	1192	1422.	1193	1349.	1194	1280.
1195	1214.	1196	1153.	1197	1096.	1198	1043.	1199	993.
1200	947.	1201	904.	1202	864.	1203	826.	1204	791.
1205	759.	1206	728.	1207	700.	1208	674.	1209	650.
1210	627.	1211	605.	1212	586.	1213	567.	1214	550.
1215	534.	1216	519.	1217	506.	1218	493.	1219	481.
1220	471.	1221	461.	1222	451.	1223	443.	1224	435.
1225	428.	1226	420.	1227	414.	1228	407.	1229	401.
1230	395.	1231	390.	1232	385.	1233	381.	1234	376.
1235	372.	1236	368.	1237	364.	1238	361.	1239	357.
1240	354.	1241	351.	1242	348.	1243	345.	1244	343.
1245	339.	1246	336.	1247	333.	1248	330.	1249	327.
1250	324.	1251	321.	1252	318.	1253	316.	1254	313.
1255	310.	1256	308.	1257	305.	1258	303.	1259	301.
1260	298.	1261	296.	1262	294.	1263	292.	1264	291.
1265	289.	1266	287.	1267	286.	1268	285.	1269	283.
1270	282.	1271	281.	1272	279.	1273	278.	1274	277.
1275	276.	1276	275.	1277	274.	1278	272.	1279	271.
1280	270.	1281	269.	1282	268.	1283	267.	1284	266.
1285	265.	1286	264.	1287	262.	1288	262.	1289	260.
1290	259.	1291	258.	1292	257.	1293	256.	1294	254.
1295	253.	1296	252.	1297	251.	1298	249.	1299	248.
1300	247.	1310	229.	1320	208.	1330	187.	1340	169.
1350	150.	1360	131.	1370	114.	1380	99.	1390	86.
1400	75.	1420	56.	1440	42.	1460	27.	1500	14.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

LONG GRADE CANYON Q100 PRESENT-CAMARI LLO DR. & STA. BARBARA AVE
 HYDROGRAPH AT 15031 3889B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	22.	200	23.	300	34.	400	54.
500	68.	600	85.	700	107.	800	129.	900	175.
1000	271.	1050	364.	1100	466.	1110	502.	1120	539.
1130	608.	1131	617.	1132	625.	1133	634.	1134	644.
1135	654.	1136	663.	1137	675.	1138	686.	1139	698.
1140	711.	1141	725.	1142	740.	1143	756.	1144	772.
1145	791.	1146	812.	1147	836.	1148	859.	1149	897.
1150	938.	1151	969.	1152	1037.	1153	1093.	1154	1148.
1155	1205.	1156	1259.	1157	1312.	1158	1363.	1159	1413.
1160	1452.	1161	1493.	1162	1556.	1163	1588.	1164	1637.
1165	1703.	1166	1774.	1167	1841.	1168	1914.	1169	1997.
1170	2081.	1171	2165.	1172	2251.	1173	2338.	1174	2421.
1175	2493.	1176	2553.	1177	2592.	1178	2610.	1179	2607.
1180	2583.	1181	2544.	1182	2489.	1183	2421.	1184	2344.
1185	2261.	1186	2174.	1187	2084.	1188	1994.	1189	1905.
1190	1817.	1191	1731.	1192	1648.	1193	1568.	1194	1492.
1195	1420.	1196	1351.	1197	1286.	1198	1224.	1199	1167.
1200	1113.	1201	1062.	1202	1014.	1203	969.	1204	927.
1205	888.	1206	851.	1207	817.	1208	784.	1209	754.
1210	726.	1211	700.	1212	676.	1213	653.	1214	632.
1215	612.	1216	593.	1217	576.	1218	559.	1219	544.
1220	530.	1221	517.	1222	505.	1223	494.	1224	483.

CALLEGUA. 990

1225	474.	1226	465.	1227	457.	1228	449.	1229	441.
1230	434.	1231	427.	1232	421.	1233	415.	1234	409.
1235	404.	1236	399.	1237	394.	1238	390.	1239	385.
1240	381.	1241	377.	1242	374.	1243	370.	1244	367.
1245	364.	1246	361.	1247	358.	1248	355.	1249	352.
1250	349.	1251	346.	1252	343.	1253	341.	1254	338.
1255	334.	1256	332.	1257	329.	1258	326.	1259	324.
1260	321.	1261	318.	1262	316.	1263	313.	1264	311.
1265	308.	1266	306.	1267	304.	1268	302.	1269	300.
1270	298.	1271	296.	1272	295.	1273	294.	1274	292.
1275	291.	1276	290.	1277	289.	1278	287.	1279	286.
1280	285.	1281	284.	1282	283.	1283	281.	1284	280.
1285	279.	1286	278.	1287	277.	1288	276.	1289	275.
1290	274.	1291	273.	1292	271.	1293	270.	1294	270.
1295	268.	1296	267.	1297	266.	1298	265.	1299	264.
1300	262.	1310	245.	1320	225.	1330	204.	1340	185.
1350	166.	1360	147.	1370	129.	1380	114.	1390	100.
1400	88.	1420	66.	1440	51.	1460	34.	1500	17.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

CAMARILLO DR. DRN. PRIOR TO JCT. W/LONGGRADE Q100 PRESENT

HYDROGRAPH AT 15031 3893D STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	2.	300	2.	400	4.
500	7.	600	10.	700	13.	800	17.	900	26.
1000	46.	1050	66.	1100	87.	1110	98.	1120	100.
1130	117.	1131	119.	1132	120.	1133	122.	1134	124.
1135	125.	1136	126.	1137	129.	1138	131.	1139	133.
1140	136.	1141	139.	1142	143.	1143	146.	1144	149.
1145	153.	1146	158.	1147	164.	1148	169.	1149	185.
1150	201.	1151	203.	1152	234.	1153	250.	1154	255.
1155	258.	1156	259.	1157	260.	1158	260.	1159	260.
1160	250.	1161	240.	1162	246.	1163	226.	1164	224.
1165	234.	1166	246.	1167	259.	1168	274.	1169	290.
1170	304.	1171	319.	1172	335.	1173	351.	1174	367.
1175	381.	1176	396.	1177	409.	1178	422.	1179	433.
1180	440.	1181	447.	1182	451.	1183	451.	1184	449.
1185	444.	1186	439.	1187	432.	1188	426.	1189	418.
1190	410.	1191	401.	1192	392.	1193	383.	1194	373.
1195	364.	1196	354.	1197	344.	1198	334.	1199	323.
1200	314.	1201	305.	1202	295.	1203	286.	1204	277.
1205	268.	1206	259.	1207	251.	1208	243.	1209	235.
1210	228.	1211	220.	1212	214.	1213	207.	1214	201.
1215	195.	1216	190.	1217	185.	1218	180.	1219	175.
1220	170.	1221	166.	1222	161.	1223	157.	1224	153.
1225	149.	1226	146.	1227	142.	1228	139.	1229	136.
1230	132.	1231	129.	1232	126.	1233	124.	1234	121.
1235	118.	1236	116.	1237	113.	1238	111.	1239	109.
1240	106.	1241	105.	1242	103.	1243	100.	1244	99.
1245	97.	1246	95.	1247	94.	1248	92.	1249	91.
1250	89.	1251	88.	1252	87.	1253	86.	1254	84.
1255	83.	1256	82.	1257	81.	1258	80.	1259	79.
1260	78.	1261	77.	1262	76.	1263	75.	1264	74.
1265	73.	1266	72.	1267	70.	1268	70.	1269	69.
1270	68.	1271	67.	1272	66.	1273	66.	1274	65.
1275	65.	1276	64.	1277	64.	1278	63.	1279	62.
1280	62.	1281	62.	1282	61.	1283	61.	1284	60.
1285	60.	1286	60.	1287	59.	1288	59.	1289	58.
1290	58.	1291	57.	1292	57.	1293	56.	1294	56.
1295	56.	1296	55.	1297	55.	1298	55.	1299	54.

CALLEGUA. 990									
1300	54.	1310	48.	1320	44.	1330	41.	1340	38.
1350	34.	1360	30.	1370	27.	1380	25.	1390	22.
1400	20.	1420	16.	1440	12.	1460	9.	1500	6.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
LONG GRADE CYN. AFTER JCT. W/CAMARI LLO DR. DRN. Q100 PRESENT
HYDROGRAPH AT 15031 3894B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	24.	200	25.	300	36.	400	58.
500	75.	600	94.	700	120.	800	145.	900	201.
1000	317.	1050	429.	1100	553.	1110	600.	1120	639.
1130	725.	1131	735.	1132	744.	1133	755.	1134	767.
1135	779.	1136	790.	1137	803.	1138	817.	1139	831.
1140	847.	1141	865.	1142	883.	1143	902.	1144	921.
1145	945.	1146	970.	1147	1000.	1148	1028.	1149	1082.
1150	1139.	1151	1171.	1152	1270.	1153	1343.	1154	1403.
1155	1464.	1156	1519.	1157	1572.	1158	1623.	1159	1674.
1160	1702.	1161	1733.	1162	1803.	1163	1814.	1164	1861.
1165	1936.	1166	2020.	1167	2100.	1168	2188.	1169	2287.
1170	2385.	1171	2484.	1172	2585.	1173	2689.	1174	2788.
1175	2874.	1176	2949.	1177	3002.	1178	3032.	1179	3039.
1180	3023.	1181	2991.	1182	2940.	1183	2872.	1184	2793.
1185	2706.	1186	2613.	1187	2517.	1188	2420.	1189	2323.
1190	2226.	1191	2132.	1192	2040.	1193	1951.	1194	1866.
1195	1783.	1196	1704.	1197	1629.	1198	1558.	1199	1490.
1200	1426.	1201	1366.	1202	1309.	1203	1255.	1204	1204.
1205	1155.	1206	1110.	1207	1068.	1208	1027.	1209	989.
1210	954.	1211	920.	1212	890.	1213	860.	1214	833.
1215	807.	1216	783.	1217	761.	1218	739.	1219	719.
1220	700.	1221	683.	1222	667.	1223	651.	1224	636.
1225	623.	1226	611.	1227	599.	1228	587.	1229	577.
1230	567.	1231	557.	1232	547.	1233	538.	1234	530.
1235	522.	1236	514.	1237	507.	1238	501.	1239	494.
1240	487.	1241	482.	1242	476.	1243	471.	1244	466.
1245	461.	1246	456.	1247	452.	1248	448.	1249	443.
1250	439.	1251	434.	1252	430.	1253	426.	1254	422.
1255	418.	1256	414.	1257	410.	1258	406.	1259	403.
1260	399.	1261	395.	1262	391.	1263	388.	1264	384.
1265	381.	1266	378.	1267	374.	1268	372.	1269	369.
1270	366.	1271	363.	1272	361.	1273	360.	1274	358.
1275	355.	1276	354.	1277	352.	1278	351.	1279	348.
1280	347.	1281	346.	1282	344.	1283	342.	1284	340.
1285	339.	1286	338.	1287	336.	1288	334.	1289	333.
1290	332.	1291	330.	1292	328.	1293	327.	1294	326.
1295	324.	1296	322.	1297	321.	1298	320.	1299	317.
1300	316.	1310	293.	1320	270.	1330	246.	1340	223.
1350	199.	1360	177.	1370	156.	1380	138.	1390	122.
1400	108.	1420	82.	1440	64.	1460	44.	1500	23.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-952
LONG GRADE CYN. AT LEWIS ROAD - JCT. W/CALLEGUAS CK. Q100P
HYDROGRAPH AT 15031 3899B STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	37.	200	38.	300	43.	400	52.
500	71.	600	94.	700	118.	800	146.	900	188.
1000	282.	1050	398.	1100	519.	1110	582.	1120	627.
1130	724.	1131	731.	1132	738.	1133	748.	1134	759.
1135	768.	1136	772.	1137	784.	1138	795.	1139	806.
1140	819.	1141	836.	1142	852.	1143	869.	1144	886.

CALLEGUA. 990									
1145	912.	1146	938.	1147	963.	1148	989.	1149	1071.
1150	1151.	1151	1154.	1152	1301.	1153	1376.	1154	1397.
1155	1409.	1156	1418.	1157	1424.	1158	1426.	1159	1428.
1160	1432.	1161	1432.	1162	1420.	1163	1407.	1164	1418.
1165	1386.	1166	1379.	1167	1377.	1168	1379.	1169	1388.
1170	1384.	1171	1384.	1172	1384.	1173	1382.	1174	1380.
1175	1371.	1176	1363.	1177	1351.	1178	1343.	1179	1296.
1180	1251.	1181	1265.	1182	1164.	1183	1121.	1184	1126.
1185	1143.	1186	1163.	1187	1190.	1188	1220.	1189	1255.
1190	1290.	1191	1334.	1192	1381.	1193	1433.	1194	1485.
1195	1551.	1196	1618.	1197	1692.	1198	1767.	1199	1838.
1200	1920.	1201	1993.	1202	2066.	1203	2135.	1204	2199.
1205	2257.	1206	2308.	1207	2355.	1208	2393.	1209	2424.
1210	2447.	1211	2462.	1212	2472.	1213	2477.	1214	2474.
1215	2465.	1216	2453.	1217	2435.	1218	2413.	1219	2387.
1220	2359.	1221	2328.	1222	2295.	1223	2258.	1224	2221.
1225	2183.	1226	2143.	1227	2102.	1228	2062.	1229	2022.
1230	1979.	1231	1939.	1232	1899.	1233	1858.	1234	1818.
1235	1780.	1236	1741.	1237	1702.	1238	1665.	1239	1627.
1240	1591.	1241	1557.	1242	1521.	1243	1486.	1244	1455.
1245	1422.	1246	1390.	1247	1360.	1248	1330.	1249	1301.
1250	1273.	1251	1245.	1252	1218.	1253	1193.	1254	1167.
1255	1142.	1256	1120.	1257	1097.	1258	1074.	1259	1053.
1260	1032.	1261	1012.	1262	992.	1263	972.	1264	954.
1265	936.	1266	919.	1267	902.	1268	886.	1269	870.
1270	855.	1271	840.	1272	825.	1273	812.	1274	798.
1275	785.	1276	773.	1277	761.	1278	749.	1279	737.
1280	726.	1281	716.	1282	705.	1283	695.	1284	685.
1285	676.	1286	666.	1287	657.	1288	649.	1289	640.
1290	632.	1291	624.	1292	617.	1293	609.	1294	602.
1295	595.	1296	589.	1297	582.	1298	575.	1299	569.
1300	563.	1310	505.	1320	462.	1330	428.	1340	401.
1350	373.	1360	351.	1370	331.	1380	311.	1390	292.
1400	272.	1420	234.	1440	198.	1460	164.	1500	115.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952
LONG GRADE CANYON CONFLUENCE WITH CALLEGUAS CREEK Q100
HYDROGRAPH AT 15031 3900A STORM DAY 4 REDUCTION FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3956.	200	3971.	300	4088.	400	4426.
500	5104.	600	6056.	700	7212.	800	8524.	900	10235.
1000	13155.	1050	15628.	1100	19377.	1110	20327.	1120	21359.
1130	22612.	1131	22743.	1132	22874.	1133	23010.	1134	23146.
1135	23284.	1136	23418.	1137	23561.	1138	23706.	1139	23852.
1140	24001.	1141	24156.	1142	24314.	1143	24473.	1144	24638.
1145	24814.	1146	24995.	1147	25179.	1148	25367.	1149	25616.
1150	25868.	1151	26050.	1152	26380.	1153	26650.	1154	26875.
1155	27102.	1156	27341.	1157	27596.	1158	27859.	1159	28133.
1160	28421.	1161	28714.	1162	29000.	1163	29288.	1164	29605.
1165	29884.	1166	30202.	1167	30539.	1168	30880.	1169	31225.
1170	31561.	1171	31910.	1172	32272.	1173	32644.	1174	33028.
1175	33418.	1176	33819.	1177	34230.	1178	34657.	1179	35057.
1180	35468.	1181	35947.	1182	36317.	1183	36749.	1184	37229.
1185	37716.	1186	38210.	1187	38720.	1188	39230.	1189	39731.
1190	40220.	1191	40710.	1192	41198.	1193	41694.	1194	42194.
1195	42716.	1196	43249.	1197	43803.	1198	44373.	1199	44956.
1200	45568.	1201	46188.	1202	46827.	1203	47484.	1204	48159.
1205	48864.	1206	49617.	1207	50382.	1208	51154.	1209	51934.
1210	52721.	1211	53517.	1212	54325.	1213	55140.	1214	55955.
1215	56765.	1216	57571.	1217	58367.	1218	59161.	1219	59979.

CALLEGUA. 990

1220	60773.	1221	61535.	1222	62265.	1223	62964.	1224	63636.
1225	64286.	1226	64915.	1227	65529.	1228	66132.	1229	66726.
1230	67311.	1231	67893.	1232	68471.	1233	69046.	1234	69626.
1235	70222.	1236	70815.	1237	71396.	1238	71966.	1239	72524.
1240	73072.	1241	73613.	1242	74146.	1243	74675.	1244	75205.
1245	75734.	1246	76266.	1247	76806.	1248	77356.	1249	77921.
1250	78504.	1251	79109.	1252	79743.	1253	80415.	1254	81136.
1255	81907.	1256	82709.	1257	83523.	1258	84342.	1259	85162.
1260	85972.	1261	86763.	1262	87526.	1263	88249.	1264	88922.
1265	89534.	1266	90074.	1267	90536.	1268	90914.	1269	91206.
1270	91413.	1271	91535.	1272	91574.	1273	91535.	1274	91420.
1275	91235.	1276	90984.	1277	90672.	1278	90305.	1279	89889.
1280	89427.	1281	88925.	1282	88387.	1283	87819.	1284	87224.
1285	86608.	1286	85974.	1287	85328.	1288	84673.	1289	84012.
1290	83350.	1291	82689.	1292	82030.	1293	81373.	1294	80726.
1295	80095.	1296	79485.	1297	78886.	1298	78295.	1299	77717.
1300	77152.	1310	72397.	1320	68398.	1330	64142.	1340	59353.
1350	54552.	1360	49979.	1370	45800.	1380	42159.	1390	38849.
1400	35997.	1420	31336.	1440	27603.	1460	24562.	1500	19822.

MODIFIED RATIONAL METHOD HYDROLOGY / PC 2. 21-952

last point		HYDROGRAPH AT 15031 4029A		STORM DAY 4		REDUCTION FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3987.	200	3992.	300	4059.	400	4278.
500	4803.	600	5645.	700	6744.	800	8075.	900	9739.
1000	12265.	1050	14321.	1100	17496.	1110	18238.	1120	19053.
1130	20010.	1131	20113.	1132	20215.	1133	20319.	1134	20425.
1135	20532.	1136	20639.	1137	20755.	1138	20883.	1139	21010.
1140	21137.	1141	21264.	1142	21390.	1143	21517.	1144	21646.
1145	21778.	1146	21913.	1147	22052.	1148	22197.	1149	22363.
1150	22537.	1151	22696.	1152	22913.	1153	23120.	1154	23326.
1155	23544.	1156	23778.	1157	24021.	1158	24269.	1159	24514.
1160	24750.	1161	24949.	1162	25135.	1163	25323.	1164	25447.
1165	25577.	1166	25711.	1167	25833.	1168	25949.	1169	26066.
1170	26185.	1171	26322.	1172	26477.	1173	26657.	1174	26857.
1175	27073.	1176	27300.	1177	27541.	1178	27794.	1179	28070.
1180	28371.	1181	28680.	1182	28991.	1183	29307.	1184	29637.
1185	29984.	1186	30350.	1187	30736.	1188	31140.	1189	31558.
1190	31985.	1191	32418.	1192	32852.	1193	33285.	1194	33712.
1195	34131.	1196	34541.	1197	34943.	1198	35339.	1199	35734.
1200	36140.	1201	36567.	1202	37007.	1203	37427.	1204	37837.
1205	38241.	1206	38643.	1207	39045.	1208	39450.	1209	39857.
1210	40267.	1211	40682.	1212	41103.	1213	41531.	1214	41964.
1215	42405.	1216	42854.	1217	43316.	1218	43793.	1219	44288.
1220	44812.	1221	45377.	1222	45990.	1223	46622.	1224	47250.
1225	47886.	1226	48535.	1227	49202.	1228	49889.	1229	50599.
1230	51330.	1231	52079.	1232	52843.	1233	53620.	1234	54417.
1235	55250.	1236	56126.	1237	57006.	1238	57858.	1239	58698.
1240	59532.	1241	60357.	1242	61171.	1243	61966.	1244	62738.
1245	63487.	1246	64213.	1247	64920.	1248	65620.	1249	66326.
1250	67028.	1251	67701.	1252	68345.	1253	68975.	1254	69601.
1255	70226.	1256	70851.	1257	71474.	1258	72091.	1259	72699.
1260	73298.	1261	73887.	1262	74469.	1263	75044.	1264	75615.
1265	76186.	1266	76763.	1267	77359.	1268	77985.	1269	78626.
1270	79271.	1271	79928.	1272	80607.	1273	81311.	1274	82037.
1275	82780.	1276	83535.	1277	84298.	1278	85063.	1279	85826.
1280	86577.	1281	87308.	1282	88007.	1283	88667.	1284	89281.
1285	89850.	1286	90363.	1287	90795.	1288	91140.	1289	91407.
1290	91598.	1291	91717.	1292	91766.	1293	91746.	1294	91661.

CALLEGUA. 990									
1295	91515.	1296	91311.	1297	91052.	1298	90744.	1299	90393.
1300	90008.	1310	84918.	1320	79288.	1330	74604.	1340	70222.
1350	66058.	1360	61766.	1370	57238.	1380	53032.	1390	48937.
1400	45212.	1420	39079.	1440	34135.	1460	30148.	1500	24199.

 * HYDROGRAPH FATTENED AT 56B *
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 4.50 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 1703.73 ADJUSTED HYDROGRAPH VOLUME = 302.05 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING									
HYDROGRAPH AT 15031		56B		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	9.	200	17.	300	28.	400	40.
500	46.	600	59.	700	71.	800	86.	900	122.
1000	195.	1050	288.	1100	385.	1110	434.	1120	487.
1130	559.	1131	570.	1132	579.	1133	588.	1134	596.
1135	606.	1136	616.	1137	626.	1138	636.	1139	648.
1140	661.	1141	672.	1142	684.	1143	697.	1144	712.
1145	728.	1146	746.	1147	766.	1148	787.	1149	812.
1150	852.	1151	899.	1152	957.	1153	1048.	1154	1145.
1155	1223.	1156	1296.	1157	1361.	1158	1424.	1159	1487.
1160	1530.	1161	1570.	1162	1621.	1163	1665.	1164	1694.
1165	1704.	1166	1695.	1167	1666.	1168	1623.	1169	1571.
1170	1518.	1171	1457.	1172	1396.	1173	1339.	1174	1284.
1175	1227.	1176	1170.	1177	1113.	1178	1060.	1179	1009.
1180	960.	1181	915.	1182	872.	1183	833.	1184	800.
1185	772.	1186	745.	1187	720.	1188	697.	1189	677.
1190	657.	1191	640.	1192	624.	1193	610.	1194	596.
1195	584.	1196	573.	1197	562.	1198	553.	1199	544.
1200	536.	1201	529.	1202	521.	1203	513.	1204	505.
1205	498.	1206	491.	1207	484.	1208	478.	1209	471.
1210	466.	1211	461.	1212	456.	1213	451.	1214	446.
1215	441.	1216	436.	1217	432.	1218	427.	1219	423.
1220	416.	1221	410.	1222	405.	1223	399.	1224	394.
1225	388.	1226	383.	1227	379.	1228	374.	1229	369.
1230	364.	1231	360.	1232	356.	1233	352.	1234	349.
1235	345.	1236	341.	1237	338.	1238	334.	1239	331.
1240	324.	1241	318.	1242	312.	1243	308.	1244	303.
1245	299.	1246	296.	1247	293.	1248	291.	1249	289.
1250	287.	1251	284.	1252	283.	1253	281.	1254	279.
1255	278.	1256	276.	1257	275.	1258	273.	1259	271.
1260	270.	1261	269.	1262	268.	1263	266.	1264	265.
1265	264.	1266	262.	1267	260.	1268	259.	1269	257.
1270	256.	1271	254.	1272	252.	1273	250.	1274	249.
1275	247.	1276	244.	1277	242.	1278	240.	1279	238.
1280	237.	1281	234.	1282	232.	1283	231.	1284	228.
1285	226.	1286	224.	1287	222.	1288	221.	1289	219.
1290	217.	1291	215.	1292	213.	1293	212.	1294	210.
1295	208.	1296	207.	1297	206.	1298	204.	1299	203.
1300	202.	1310	190.	1320	173.	1330	155.	1340	141.
1350	128.	1360	116.	1370	104.	1380	93.	1390	84.
1400	77.	1420	66.	1440	60.	1460	54.	1500	50.

 * HYDROGRAPH FATTENED AT 56B *

CALLEGUA. 990

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 4.50 IN. *

* ADJUSTED HYDROGRAPH PEAK = 1703.73 ADJUSTED HYDROGRAPH VOLUME = 341.49 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING
 HYDROGRAPH AT 15031 56B STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	10.	200	19.	300	31.	400	43.
500	49.	600	64.	700	77.	800	96.	900	138.
1000	224.	1050	329.	1100	449.	1110	504.	1120	563.
1130	642.	1131	653.	1132	662.	1133	671.	1134	681.
1135	691.	1136	702.	1137	712.	1138	723.	1139	735.
1140	748.	1141	760.	1142	772.	1143	785.	1144	800.
1145	816.	1146	834.	1147	854.	1148	873.	1149	898.
1150	936.	1151	979.	1152	1033.	1153	1115.	1154	1203.
1155	1274.	1156	1340.	1157	1399.	1158	1455.	1159	1512.
1160	1550.	1161	1586.	1162	1631.	1163	1670.	1164	1695.
1165	1704.	1166	1696.	1167	1671.	1168	1633.	1169	1587.
1170	1539.	1171	1486.	1172	1431.	1173	1380.	1174	1330.
1175	1278.	1176	1226.	1177	1174.	1178	1126.	1179	1079.
1180	1034.	1181	992.	1182	952.	1183	915.	1184	884.
1185	857.	1186	832.	1187	808.	1188	785.	1189	765.
1190	746.	1191	729.	1192	714.	1193	699.	1194	685.
1195	672.	1196	661.	1197	650.	1198	640.	1199	631.
1200	623.	1201	614.	1202	606.	1203	598.	1204	589.
1205	581.	1206	574.	1207	566.	1208	559.	1209	553.
1210	546.	1211	541.	1212	535.	1213	529.	1214	524.
1215	518.	1216	513.	1217	508.	1218	503.	1219	497.
1220	490.	1221	484.	1222	478.	1223	472.	1224	466.
1225	460.	1226	454.	1227	449.	1228	444.	1229	438.
1230	433.	1231	428.	1232	424.	1233	419.	1234	415.
1235	411.	1236	407.	1237	403.	1238	399.	1239	395.
1240	388.	1241	381.	1242	375.	1243	370.	1244	365.
1245	361.	1246	357.	1247	354.	1248	351.	1249	349.
1250	346.	1251	343.	1252	341.	1253	339.	1254	336.
1255	334.	1256	332.	1257	330.	1258	328.	1259	326.
1260	324.	1261	323.	1262	321.	1263	319.	1264	318.
1265	316.	1266	314.	1267	312.	1268	310.	1269	308.
1270	306.	1271	304.	1272	302.	1273	299.	1274	297.
1275	295.	1276	292.	1277	290.	1278	288.	1279	285.
1280	283.	1281	281.	1282	278.	1283	276.	1284	274.
1285	271.	1286	269.	1287	267.	1288	265.	1289	263.
1290	260.	1291	258.	1292	256.	1293	254.	1294	252.
1295	250.	1296	249.	1297	247.	1298	245.	1299	244.
1300	243.	1310	228.	1320	209.	1330	189.	1340	173.
1350	158.	1360	145.	1370	132.	1380	119.	1390	108.
1400	100.	1420	88.	1440	79.	1460	72.	1500	66.

* RESERVOIR ROUTING AT 56B *

* INCOMING HYDROGRAPH PEAK = 1703.73 INCOMING HYDROGRAPH VOLUME = 341.49 AC. FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *

* RESERVOIR INFLOW PEAK = 1703.73 TIME OF PEAK = 1165 VOLUME UNDER INFLOW HYDROGRAPH = 341.49 AC. FT. *

* MAXIMUM ELEVATION = 1132.27 TIME = 1183 SPI L LAGE ELEVATI ON = 1130.50 DI FFERENCE = +1.77 *

* SPILLED FROM 1170 TO 1217 FOR 48 MINUTES *

* RESERVOIR OUTFLOW PEAK = 929.73 TIME OF PEAK = 1183 VOLUME UNDER OUTFLOW HYDROGRAPH = 323.29 AC. FT. *

CALLEGUA. 990

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031		56B		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	11.	300	21.	400	33.
500	45.	600	54.	700	68.	800	84.	900	111.
1000	169.	1050	253.	1100	341.	1110	366.	1120	399.
1130	428.	1131	431.	1132	435.	1133	439.	1134	443.
1135	448.	1136	452.	1137	456.	1138	461.	1139	465.
1140	469.	1141	473.	1142	478.	1143	482.	1144	487.
1145	491.	1146	496.	1147	501.	1148	506.	1149	511.
1150	516.	1151	522.	1152	528.	1153	534.	1154	541.
1155	549.	1156	557.	1157	566.	1158	575.	1159	584.
1160	594.	1161	602.	1162	611.	1163	620.	1164	629.
1165	638.	1166	647.	1167	654.	1168	665.	1169	681.
1170	697.	1171	711.	1172	746.	1173	779.	1174	808.
1175	833.	1176	854.	1177	872.	1178	893.	1179	908.
1180	919.	1181	926.	1182	929.	1183	930.	1184	928.
1185	923.	1186	918.	1187	910.	1188	902.	1189	893.
1190	882.	1191	872.	1192	864.	1193	856.	1194	848.
1195	839.	1196	830.	1197	822.	1198	813.	1199	804.
1200	795.	1201	786.	1202	777.	1203	768.	1204	759.
1205	751.	1206	742.	1207	733.	1208	725.	1209	716.
1210	711.	1211	708.	1212	705.	1213	702.	1214	699.
1215	696.	1216	693.	1217	689.	1218	686.	1219	683.
1220	680.	1221	676.	1222	673.	1223	669.	1224	666.
1225	662.	1226	659.	1227	658.	1228	656.	1229	655.
1230	653.	1231	651.	1232	649.	1233	648.	1234	646.
1235	644.	1236	642.	1237	641.	1238	639.	1239	637.
1240	635.	1241	632.	1242	630.	1243	628.	1244	626.
1245	623.	1246	621.	1247	619.	1248	616.	1249	614.
1250	612.	1251	609.	1252	607.	1253	605.	1254	603.
1255	600.	1256	598.	1257	596.	1258	593.	1259	591.
1260	588.	1261	585.	1262	583.	1263	580.	1264	577.
1265	575.	1266	572.	1267	570.	1268	567.	1269	564.
1270	561.	1271	558.	1272	555.	1273	553.	1274	550.
1275	547.	1276	544.	1277	541.	1278	538.	1279	536.
1280	533.	1281	530.	1282	527.	1283	524.	1284	521.
1285	518.	1286	515.	1287	511.	1288	508.	1289	505.
1290	501.	1291	498.	1292	495.	1293	491.	1294	488.
1295	484.	1296	481.	1297	478.	1298	474.	1299	471.
1300	467.	1310	431.	1320	399.	1330	358.	1340	323.
1350	273.	1360	225.	1370	192.	1380	172.	1390	155.
1400	139.	1420	117.	1440	100.	1460	89.	1500	75.

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 56B		
ELEVATION	STORAGE	DISCHARGE
FT	ACFT	CFS
1110.00	0.00	0.00
1112.00	2.50	30.00
1114.00	5.40	100.00
1116.00	8.90	195.00
1118.00	12.00	310.00
1119.00	15.10	360.00
1120.00	17.40	400.00
1121.00	19.90	430.00
1122.00	22.50	463.00
1123.00	25.20	492.00

CALLEGUA. 990

1124.00	28.00	520.00
1125.00	31.00	545.00
1126.00	34.10	570.00
1127.00	37.40	594.00
1128.00	40.90	616.00
1129.00	44.50	639.00
1130.00	48.30	660.00
1131.00	52.40	713.00
1132.00	56.60	871.00
1133.00	60.50	1088.00

 * HYDROGRAPH ADJUSTMENT FACTOR = 0.78360 HYDROGRAPH FATTENED AT 159B *
 * ADJUSTED HYDROGRAPH PEAK = 4544.71 RUNOFF FACTOR = 3.97 IN. *
 * ADJUSTED HYDROGRAPH VOLUME = 980.93 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING

HYDROGRAPH AT 15031 159B STORM DAY 4 ADJUSTMENT FACTOR = 0.784

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	20.	200	22.	300	68.	400	107.
500	135.	600	181.	700	237.	800	312.	900	441.
1000	697.	1050	931.	1100	1153.	1110	1229.	1120	1337.
1130	1494.	1131	1512.	1132	1531.	1133	1553.	1134	1576.
1135	1598.	1136	1617.	1137	1641.	1138	1666.	1139	1693.
1140	1721.	1141	1754.	1142	1784.	1143	1816.	1144	1851.
1145	1894.	1146	1940.	1147	1989.	1148	2040.	1149	2132.
1150	2229.	1151	2278.	1152	2434.	1153	2551.	1154	2650.
1155	2750.	1156	2873.	1157	3029.	1158	3180.	1159	3323.
1160	3461.	1161	3591.	1162	3710.	1163	3822.	1164	3932.
1165	4025.	1166	4109.	1167	4187.	1168	4264.	1169	4341.
1170	4368.	1171	4398.	1172	4480.	1173	4455.	1174	4472.
1175	4513.	1176	4543.	1177	4545.	1178	4524.	1179	4482.
1180	4416.	1181	4341.	1182	4278.	1183	4223.	1184	4175.
1185	4124.	1186	4079.	1187	4030.	1188	3976.	1189	3916.
1190	3843.	1191	3773.	1192	3691.	1193	3605.	1194	3516.
1195	3422.	1196	3325.	1197	3226.	1198	3129.	1199	3032.
1200	2935.	1201	2840.	1202	2746.	1203	2654.	1204	2567.
1205	2484.	1206	2402.	1207	2326.	1208	2251.	1209	2180.
1210	2111.	1211	2047.	1212	1985.	1213	1928.	1214	1871.
1215	1818.	1216	1767.	1217	1720.	1218	1674.	1219	1630.
1220	1589.	1221	1550.	1222	1514.	1223	1479.	1224	1447.
1225	1415.	1226	1385.	1227	1356.	1228	1328.	1229	1302.
1230	1277.	1231	1254.	1232	1233.	1233	1211.	1234	1191.
1235	1174.	1236	1156.	1237	1139.	1238	1124.	1239	1109.
1240	1096.	1241	1082.	1242	1069.	1243	1056.	1244	1045.
1245	1033.	1246	1021.	1247	1011.	1248	1001.	1249	990.
1250	980.	1251	971.	1252	962.	1253	953.	1254	944.
1255	936.	1256	928.	1257	920.	1258	913.	1259	906.
1260	899.	1261	893.	1262	885.	1263	878.	1264	872.
1265	865.	1266	859.	1267	853.	1268	847.	1269	841.
1270	835.	1271	827.	1272	822.	1273	816.	1274	809.
1275	803.	1276	798.	1277	791.	1278	785.	1279	779.
1280	772.	1281	767.	1282	760.	1283	755.	1284	750.
1285	744.	1286	738.	1287	732.	1288	727.	1289	722.
1290	715.	1291	710.	1292	705.	1293	699.	1294	694.
1295	690.	1296	687.	1297	682.	1298	678.	1299	674.
1300	670.	1310	620.	1320	562.	1330	504.	1340	450.

CALLEGUA. 990

1350	395.	1360	339.	1370	285.	1380	241.	1390	207.
1400	179.	1420	135.	1440	102.	1460	78.	1500	48.

 * HYDROGRAPH ADJUSTMENT FACTOR = 0.78360 RUNOFF FACTOR = 3.97 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 4544.71 ADJUSTED HYDROGRAPH VOLUME = 1430.83 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING
 HYDROGRAPH AT 15031 159B STORM DAY 4 ADJUSTMENT FACTOR = 0.784

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	31.	200	49.	300	100.	400	146.
500	185.	600	247.	700	325.	800	439.	900	636.
1000	1029.	1050	1385.	1100	1826.	1110	1959.	1120	2124.
1130	2332.	1131	2355.	1132	2379.	1133	2404.	1134	2430.
1135	2456.	1136	2480.	1137	2508.	1138	2535.	1139	2564.
1140	2595.	1141	2628.	1142	2659.	1143	2692.	1144	2726.
1145	2766.	1146	2808.	1147	2851.	1148	2895.	1149	2967.
1150	3040.	1151	3082.	1152	3192.	1153	3277.	1154	3348.
1155	3420.	1156	3506.	1157	3610.	1158	3710.	1159	3804.
1160	3893.	1161	3976.	1162	4052.	1163	4122.	1164	4189.
1165	4247.	1166	4297.	1167	4344.	1168	4389.	1169	4433.
1170	4449.	1171	4466.	1172	4510.	1173	4498.	1174	4507.
1175	4529.	1176	4544.	1177	4545.	1178	4534.	1179	4513.
1180	4478.	1181	4438.	1182	4403.	1183	4372.	1184	4344.
1185	4314.	1186	4287.	1187	4257.	1188	4224.	1189	4186.
1190	4141.	1191	4096.	1192	4044.	1193	3989.	1194	3931.
1195	3869.	1196	3804.	1197	3738.	1198	3672.	1199	3605.
1200	3538.	1201	3470.	1202	3404.	1203	3337.	1204	3273.
1205	3210.	1206	3148.	1207	3090.	1208	3031.	1209	2975.
1210	2920.	1211	2867.	1212	2817.	1213	2768.	1214	2720.
1215	2673.	1216	2629.	1217	2587.	1218	2545.	1219	2504.
1220	2466.	1221	2429.	1222	2394.	1223	2359.	1224	2327.
1225	2294.	1226	2263.	1227	2233.	1228	2203.	1229	2175.
1230	2148.	1231	2122.	1232	2097.	1233	2072.	1234	2048.
1235	2026.	1236	2005.	1237	1983.	1238	1963.	1239	1944.
1240	1925.	1241	1907.	1242	1888.	1243	1871.	1244	1854.
1245	1837.	1246	1820.	1247	1804.	1248	1789.	1249	1773.
1250	1758.	1251	1743.	1252	1728.	1253	1714.	1254	1700.
1255	1686.	1256	1673.	1257	1661.	1258	1648.	1259	1636.
1260	1624.	1261	1612.	1262	1599.	1263	1587.	1264	1576.
1265	1564.	1266	1553.	1267	1542.	1268	1531.	1269	1520.
1270	1509.	1271	1497.	1272	1487.	1273	1477.	1274	1465.
1275	1455.	1276	1445.	1277	1434.	1278	1423.	1279	1413.
1280	1402.	1281	1393.	1282	1382.	1283	1372.	1284	1363.
1285	1354.	1286	1343.	1287	1334.	1288	1325.	1289	1315.
1290	1305.	1291	1296.	1292	1287.	1293	1278.	1294	1269.
1295	1261.	1296	1254.	1297	1246.	1298	1237.	1299	1229.
1300	1223.	1310	1139.	1320	1052.	1330	968.	1340	891.
1350	814.	1360	739.	1370	666.	1380	605.	1390	553.
1400	510.	1420	437.	1440	378.	1460	332.	1500	264.

 * INCOMING HYDROGRAPH PEAK = 4544.71 RESERVOIR ROUTING AT 159B INCOMING HYDROGRAPH VOLUME = 1430.83 AC. FT. *

CALLEGUA. 990

* HYDROGRAPH ADJUSTMENT FACTOR = 0.78360 *
 * RESERVOIR INFLOW PEAK = 4544.71 TIME OF PEAK = 1177 VOLUME UNDER INFLOW HYDROGRAPH = 1430.83 AC. FT. *
 * MAXIMUM ELEVATION = 1221.46 TIME = 1390 SPILLAGE ELEVATION = 1227.50 DIFFERENCE = -6.04 *
 * SPILLED FROM **** TO 1217 FOR **** MINUTES *
 * RESERVOIR OUTFLOW PEAK = 542.68 TIME OF PEAK = 1390 VOLUME UNDER OUTFLOW HYDROGRAPH = 566.37 AC. FT. *

HYDROGRAPH AFTER RESERVOIR ROUTING

HYDROGRAPH AT 15031		159B		STORM DAY 4		ADJUSTMENT FACTOR = 0.784			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	13.	300	28.	400	62.
500	110.	600	162.	700	224.	800	310.	900	418.
1000	437.	1050	458.	1100	470.	1110	473.	1120	476.
1130	480.	1131	481.	1132	481.	1133	481.	1134	482.
1135	482.	1136	483.	1137	483.	1138	483.	1139	484.
1140	484.	1141	485.	1142	485.	1143	486.	1144	486.
1145	487.	1146	487.	1147	488.	1148	488.	1149	489.
1150	489.	1151	490.	1152	490.	1153	491.	1154	492.
1155	492.	1156	493.	1157	493.	1158	494.	1159	495.
1160	496.	1161	496.	1162	497.	1163	498.	1164	499.
1165	499.	1166	500.	1167	501.	1168	501.	1169	502.
1170	502.	1171	503.	1172	504.	1173	504.	1174	505.
1175	505.	1176	506.	1177	506.	1178	507.	1179	508.
1180	508.	1181	509.	1182	509.	1183	510.	1184	510.
1185	511.	1186	512.	1187	512.	1188	513.	1189	513.
1190	514.	1191	514.	1192	515.	1193	515.	1194	516.
1195	516.	1196	517.	1197	517.	1198	518.	1199	518.
1200	519.	1201	519.	1202	519.	1203	520.	1204	520.
1205	521.	1206	521.	1207	521.	1208	522.	1209	522.
1210	522.	1211	523.	1212	523.	1213	524.	1214	524.
1215	524.	1216	524.	1217	525.	1218	525.	1219	525.
1220	526.	1221	526.	1222	526.	1223	526.	1224	527.
1225	527.	1226	527.	1227	527.	1228	528.	1229	528.
1230	528.	1231	528.	1232	529.	1233	529.	1234	529.
1235	529.	1236	530.	1237	530.	1238	530.	1239	530.
1240	530.	1241	531.	1242	531.	1243	531.	1244	531.
1245	531.	1246	532.	1247	532.	1248	532.	1249	532.
1250	532.	1251	532.	1252	533.	1253	533.	1254	533.
1255	533.	1256	533.	1257	533.	1258	534.	1259	534.
1260	534.	1261	534.	1262	534.	1263	534.	1264	535.
1265	535.	1266	535.	1267	535.	1268	535.	1269	535.
1270	535.	1271	536.	1272	536.	1273	536.	1274	536.
1275	536.	1276	536.	1277	536.	1278	537.	1279	537.
1280	537.	1281	537.	1282	537.	1283	537.	1284	537.
1285	537.	1286	538.	1287	538.	1288	538.	1289	538.
1290	538.	1291	538.	1292	538.	1293	538.	1294	538.
1295	538.	1296	539.	1297	539.	1298	539.	1299	539.
1300	539.	1310	540.	1320	540.	1330	541.	1340	542.
1350	542.	1360	542.	1370	542.	1380	543.	1390	543.
1400	543.	1420	543.	1440	542.	1460	542.	1500	541.

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 159B

ELEVATION	STORAGE	DISCHARGE
FT	ACFT	CFS
1190.00	0.00	0.00
1191.00	17.00	46.00
1192.00	33.00	129.00

CALLEGUA. 990

1193.00	50.00	236.00
1194.00	67.00	364.00
1194.60	75.00	418.00
1200.00	170.00	460.00
1210.00	428.00	500.00
1220.00	788.00	538.00
1225.00	965.00	554.00
1230.00	1093.00	664.80
1231.00	1129.00	1148.40
1232.00	1175.00	2102.00
1233.00	1218.00	3455.40
1234.00	1260.00	4438.80
1235.00	1310.00	5232.20
1235.38	1360.00	6385.60
1236.00	1428.00	8189.00
1132.00	1444.00	8338.30
1133.00	1470.00	8340.00

 * HYDROGRAPH FATTENED AT 424B *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.92080 RUNOFF FACTOR = 3.60 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 2037.43 ADJUSTED HYDROGRAPH VOLUME = 158.36 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING

HYDROGRAPH AT 15031 424B STORM DAY 4 ADJUSTMENT FACTOR = 0.921

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	5.	400	8.
500	10.	600	14.	700	17.	800	24.	900	55.
1000	115.	1050	182.	1100	225.	1110	270.	1120	322.
1130	407.	1131	417.	1132	427.	1133	441.	1134	455.
1135	469.	1136	480.	1137	493.	1138	507.	1139	522.
1140	538.	1141	557.	1142	576.	1143	594.	1144	613.
1145	639.	1146	667.	1147	697.	1148	728.	1149	798.
1150	871.	1151	900.	1152	1047.	1153	1159.	1154	1250.
1155	1364.	1156	1513.	1157	1672.	1158	1811.	1159	1922.
1160	1998.	1161	2033.	1162	2037.	1163	2012.	1164	1966.
1165	1857.	1166	1728.	1167	1626.	1168	1424.	1169	1276.
1170	1153.	1171	1046.	1172	946.	1173	850.	1174	761.
1175	681.	1176	609.	1177	552.	1178	502.	1179	461.
1180	421.	1181	393.	1182	368.	1183	345.	1184	325.
1185	302.	1186	290.	1187	275.	1188	262.	1189	252.
1190	241.	1191	232.	1192	224.	1193	217.	1194	212.
1195	207.	1196	202.	1197	198.	1198	195.	1199	191.
1200	189.	1201	185.	1202	183.	1203	180.	1204	178.
1205	175.	1206	173.	1207	172.	1208	170.	1209	168.
1210	165.	1211	162.	1212	160.	1213	157.	1214	153.
1215	150.	1216	147.	1217	145.	1218	142.	1219	139.
1220	137.	1221	135.	1222	132.	1223	129.	1224	128.
1225	126.	1226	124.	1227	122.	1228	121.	1229	120.
1230	119.	1231	118.	1232	117.	1233	116.	1234	115.
1235	115.	1236	114.	1237	113.	1238	114.	1239	114.
1240	113.	1241	112.	1242	112.	1243	112.	1244	112.
1245	111.	1246	110.	1247	111.	1248	109.	1249	109.
1250	110.	1251	108.	1252	108.	1253	109.	1254	107.
1255	107.	1256	108.	1257	107.	1258	106.	1259	107.
1260	106.	1261	106.	1262	105.	1263	103.	1264	103.
1265	103.	1266	101.	1267	100.	1268	100.	1269	99.

CALLEGUA. 990									
1270	98.	1271	97.	1272	95.	1273	95.	1274	93.
1275	90.	1276	89.	1277	88.	1278	87.	1279	85.
1280	84.	1281	82.	1282	81.	1283	79.	1284	78.
1285	76.	1286	75.	1287	74.	1288	72.	1289	71.
1290	70.	1291	69.	1292	68.	1293	67.	1294	67.
1295	66.	1296	66.	1297	65.	1298	65.	1299	65.
1300	64.	1310	51.	1320	42.	1330	31.	1340	23.
1350	19.	1360	16.	1370	12.	1380	8.	1390	5.
1400	3.	1420	2.	1440	1.	1460	1.	1500	1.

 * HYDROGRAPH FATTENED AT 424B *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.92080 RUNOFF FACTOR = 3.60 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 2037.43 ADJUSTED HYDROGRAPH VOLUME = 286.08 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031		424B		STORM DAY 4		ADJUSTMENT FACTOR = 0.921			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	7.	300	12.	400	17.
500	21.	600	29.	700	38.	800	55.	900	104.
1000	205.	1050	312.	1100	438.	1110	504.	1120	580.
1130	687.	1131	699.	1132	711.	1133	726.	1134	742.
1135	758.	1136	771.	1137	786.	1138	801.	1139	818.
1140	835.	1141	855.	1142	874.	1143	893.	1144	912.
1145	938.	1146	964.	1147	992.	1148	1021.	1149	1079.
1150	1140.	1151	1166.	1152	1282.	1153	1371.	1154	1443.
1155	1532.	1156	1646.	1157	1766.	1158	1871.	1159	1953.
1160	2009.	1161	2034.	1162	2037.	1163	2019.	1164	1985.
1165	1906.	1166	1810.	1167	1733.	1168	1581.	1169	1467.
1170	1371.	1171	1287.	1172	1208.	1173	1130.	1174	1058.
1175	992.	1176	932.	1177	882.	1178	839.	1179	802.
1180	765.	1181	739.	1182	713.	1183	691.	1184	670.
1185	647.	1186	632.	1187	615.	1188	601.	1189	587.
1190	574.	1191	563.	1192	551.	1193	542.	1194	533.
1195	525.	1196	517.	1197	510.	1198	503.	1199	496.
1200	490.	1201	483.	1202	478.	1203	472.	1204	466.
1205	461.	1206	456.	1207	451.	1208	446.	1209	441.
1210	435.	1211	429.	1212	425.	1213	419.	1214	413.
1215	407.	1216	402.	1217	397.	1218	391.	1219	386.
1220	381.	1221	377.	1222	372.	1223	367.	1224	363.
1225	359.	1226	355.	1227	351.	1228	347.	1229	344.
1230	340.	1231	337.	1232	334.	1233	331.	1234	328.
1235	326.	1236	323.	1237	320.	1238	319.	1239	317.
1240	314.	1241	311.	1242	309.	1243	307.	1244	305.
1245	302.	1246	300.	1247	299.	1248	296.	1249	294.
1250	292.	1251	290.	1252	288.	1253	286.	1254	284.
1255	282.	1256	281.	1257	278.	1258	276.	1259	275.
1260	273.	1261	271.	1262	269.	1263	266.	1264	265.
1265	263.	1266	260.	1267	258.	1268	257.	1269	254.
1270	252.	1271	249.	1272	247.	1273	245.	1274	242.
1275	239.	1276	236.	1277	234.	1278	231.	1279	229.
1280	226.	1281	224.	1282	221.	1283	219.	1284	216.
1285	214.	1286	212.	1287	209.	1288	207.	1289	205.
1290	203.	1291	201.	1292	199.	1293	197.	1294	196.
1295	194.	1296	193.	1297	191.	1298	190.	1299	189.
1300	188.	1310	166.	1320	151.	1330	133.	1340	119.
1350	110.	1360	101.	1370	93.	1380	84.	1390	78.
1400	72.	1420	64.	1440	58.	1460	53.	1500	45.

CALLEGUA. 990

```

*****
*                               RESERVOIR ROUTING AT 424B                               *
* INCOMING HYDROGRAPH PEAK = 2037.43 INCOMING HYDROGRAPH VOLUME = 286.08 AC. FT.      *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.92080                                           *
* RESERVOIR INFLOW PEAK = 2037.43 TIME OF PEAK = 1162 VOLUME UNDER INFLOW HYDROGRAPH = 286.08 AC. FT. *
* MAXIMUM ELEVATION = 1091.20 TIME = 1169 SPILLAGE ELEVATION = 1086.50 DIFFERENCE = +4.70 *
* SPILLED FROM 1130 TO 1360 FOR 231 MINUTES                                         *
* RESERVOIR OUTFLOW PEAK = 1482.02 TIME OF PEAK = 1169 VOLUME UNDER OUTFLOW HYDROGRAPH = 208.47 AC. FT. *
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING
STORM DAY 4

ADJUSTMENT FACTOR = 0.921

HYDROGRAPH AT 15031		424B							
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	1.	400	3.
500	13.	600	22.	700	30.	800	41.	900	51.
1000	54.	1050	56.	1100	59.	1110	60.	1120	61.
1130	160.	1131	177.	1132	195.	1133	212.	1134	229.
1135	246.	1136	263.	1137	280.	1138	297.	1139	314.
1140	331.	1141	348.	1142	365.	1143	382.	1144	409.
1145	439.	1146	469.	1147	499.	1148	529.	1149	559.
1150	591.	1151	624.	1152	659.	1153	698.	1154	740.
1155	784.	1156	831.	1157	882.	1158	937.	1159	994.
1160	1074.	1161	1152.	1162	1224.	1163	1290.	1164	1348.
1165	1397.	1166	1435.	1167	1462.	1168	1478.	1169	1482.
1170	1477.	1171	1465.	1172	1447.	1173	1424.	1174	1397.
1175	1367.	1176	1334.	1177	1299.	1178	1263.	1179	1227.
1180	1190.	1181	1154.	1182	1119.	1183	1085.	1184	1052.
1185	1020.	1186	990.	1187	969.	1188	948.	1189	927.
1190	907.	1191	887.	1192	868.	1193	849.	1194	831.
1195	813.	1196	796.	1197	779.	1198	763.	1199	748.
1200	733.	1201	719.	1202	705.	1203	691.	1204	678.
1205	666.	1206	654.	1207	642.	1208	631.	1209	620.
1210	609.	1211	599.	1212	589.	1213	579.	1214	569.
1215	560.	1216	551.	1217	542.	1218	533.	1219	525.
1220	517.	1221	509.	1222	501.	1223	493.	1224	486.
1225	478.	1226	471.	1227	464.	1228	458.	1229	451.
1230	445.	1231	438.	1232	432.	1233	427.	1234	421.
1235	415.	1236	410.	1237	405.	1238	400.	1239	395.
1240	391.	1241	386.	1242	383.	1243	381.	1244	379.
1245	376.	1246	374.	1247	371.	1248	369.	1249	366.
1250	364.	1251	361.	1252	359.	1253	357.	1254	354.
1255	352.	1256	350.	1257	347.	1258	345.	1259	343.
1260	340.	1261	338.	1262	336.	1263	334.	1264	331.
1265	329.	1266	327.	1267	325.	1268	323.	1269	320.
1270	318.	1271	316.	1272	314.	1273	311.	1274	309.
1275	307.	1276	305.	1277	302.	1278	300.	1279	298.
1280	295.	1281	293.	1282	291.	1283	288.	1284	286.
1285	284.	1286	281.	1287	279.	1288	277.	1289	274.
1290	272.	1291	270.	1292	268.	1293	265.	1294	263.
1295	261.	1296	259.	1297	256.	1298	254.	1299	252.
1300	250.	1310	230.	1320	211.	1330	192.	1340	174.
1350	158.	1360	143.	1370	131.	1380	119.	1390	109.
1400	99.	1420	85.	1440	74.	1460	65.	1500	61.

CALLEGUA. 990

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 424B

ELEVATION FT	STORAGE ACFT	DISCHARGE CFS
1071.75	0.00	0.00
1072.00	0.73	0.00
1073.00	4.09	3.90
1074.00	7.72	51.00
1075.00	11.54	52.00
1080.00	33.67	56.00
1086.00	66.96	61.00
1088.00	80.32	386.00
1090.00	94.22	994.00
1092.00	107.31	1805.00
1094.00	118.42	2792.00
1096.00	128.22	3942.00

 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 452B *
 * RUNOFF FACTOR = 3.85 I.N. *
 * ADJUSTED HYDROGRAPH PEAK = 381.90 ADJUSTED HYDROGRAPH VOLUME = 41.03 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 452B STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	2.	300	5.	400	6.
500	8.	600	11.	700	13.	800	16.	900	21.
1000	31.	1050	42.	1100	49.	1110	61.	1120	65.
1130	83.	1131	84.	1132	86.	1133	88.	1134	91.
1135	93.	1136	94.	1137	96.	1138	99.	1139	102.
1140	105.	1141	109.	1142	112.	1143	115.	1144	119.
1145	126.	1146	132.	1147	139.	1148	146.	1149	167.
1150	188.	1151	192.	1152	235.	1153	265.	1154	280.
1155	299.	1156	326.	1157	352.	1158	360.	1159	365.
1160	382.	1161	349.	1162	325.	1163	309.	1164	287.
1165	257.	1166	228.	1167	202.	1168	181.	1169	163.
1170	146.	1171	133.	1172	121.	1173	110.	1174	103.
1175	96.	1176	90.	1177	84.	1178	77.	1179	74.
1180	70.	1181	67.	1182	64.	1183	61.	1184	59.
1185	57.	1186	55.	1187	53.	1188	52.	1189	51.
1190	49.	1191	48.	1192	47.	1193	46.	1194	45.
1195	45.	1196	44.	1197	44.	1198	43.	1199	43.
1200	43.	1201	42.	1202	41.	1203	41.	1204	40.
1205	40.	1206	39.	1207	39.	1208	38.	1209	38.
1210	37.	1211	37.	1212	37.	1213	36.	1214	36.
1215	35.	1216	35.	1217	35.	1218	34.	1219	34.
1220	33.	1221	33.	1222	33.	1223	32.	1224	32.
1225	32.	1226	32.	1227	31.	1228	32.	1229	31.
1230	31.	1231	31.	1232	31.	1233	31.	1234	30.
1235	31.	1236	31.	1237	30.	1238	30.	1239	30.
1240	30.	1241	30.	1242	30.	1243	30.	1244	30.
1245	30.	1246	30.	1247	30.	1248	30.	1249	30.
1250	30.	1251	30.	1252	30.	1253	29.	1254	29.
1255	29.	1256	29.	1257	29.	1258	29.	1259	29.
1260	29.	1261	29.	1262	29.	1263	28.	1264	28.
1265	28.	1266	28.	1267	28.	1268	27.	1269	27.
1270	27.	1271	27.	1272	27.	1273	26.	1274	26.

CALLEGUA. 990									
1275	26.	1276	26.	1277	25.	1278	25.	1279	25.
1280	25.	1281	25.	1282	24.	1283	24.	1284	24.
1285	24.	1286	23.	1287	23.	1288	23.	1289	23.
1290	23.	1291	23.	1292	23.	1293	23.	1294	23.
1295	22.	1296	23.	1297	23.	1298	22.	1299	22.
1300	23.	1310	18.	1320	16.	1330	14.	1340	13.
1350	9.	1360	7.	1370	5.	1380	4.	1390	3.
1400	3.	1420	2.	1440	1.	1460	0.	1500	0.

 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 452B *
 * ADJUSTED HYDROGRAPH PEAK = 381.90 RUNOFF FACTOR = 3.85 IN. *
 * ADJUSTED HYDROGRAPH VOLUME = 44.91 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031		452B		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	2.	300	5.	400	7.
500	8.	600	11.	700	14.	800	17.	900	23.
1000	34.	1050	46.	1100	55.	1110	68.	1120	73.
1130	92.	1131	93.	1132	95.	1133	97.	1134	100.
1135	102.	1136	103.	1137	106.	1138	108.	1139	111.
1140	114.	1141	118.	1142	121.	1143	125.	1144	128.
1145	136.	1146	142.	1147	148.	1148	155.	1149	176.
1150	196.	1151	200.	1152	241.	1153	270.	1154	285.
1155	303.	1156	329.	1157	353.	1158	361.	1159	366.
1160	382.	1161	350.	1162	328.	1163	312.	1164	292.
1165	263.	1166	235.	1167	210.	1168	189.	1169	172.
1170	156.	1171	143.	1172	132.	1173	121.	1174	114.
1175	107.	1176	101.	1177	95.	1178	88.	1179	85.
1180	81.	1181	78.	1182	75.	1183	72.	1184	69.
1185	67.	1186	65.	1187	64.	1188	62.	1189	61.
1190	59.	1191	58.	1192	57.	1193	56.	1194	55.
1195	55.	1196	54.	1197	53.	1198	52.	1199	52.
1200	52.	1201	51.	1202	50.	1203	49.	1204	49.
1205	48.	1206	48.	1207	47.	1208	46.	1209	46.
1210	45.	1211	45.	1212	44.	1213	44.	1214	43.
1215	43.	1216	42.	1217	42.	1218	41.	1219	41.
1220	41.	1221	40.	1222	40.	1223	39.	1224	39.
1225	39.	1226	38.	1227	38.	1228	38.	1229	38.
1230	38.	1231	37.	1232	38.	1233	37.	1234	37.
1235	37.	1236	37.	1237	36.	1238	36.	1239	36.
1240	36.	1241	36.	1242	36.	1243	36.	1244	36.
1245	36.	1246	35.	1247	35.	1248	35.	1249	35.
1250	35.	1251	35.	1252	35.	1253	35.	1254	35.
1255	35.	1256	34.	1257	34.	1258	34.	1259	34.
1260	34.	1261	34.	1262	33.	1263	33.	1264	33.
1265	33.	1266	32.	1267	32.	1268	32.	1269	32.
1270	31.	1271	31.	1272	31.	1273	31.	1274	30.
1275	30.	1276	30.	1277	30.	1278	29.	1279	29.
1280	29.	1281	29.	1282	28.	1283	28.	1284	28.
1285	28.	1286	27.	1287	27.	1288	27.	1289	27.
1290	27.	1291	27.	1292	27.	1293	26.	1294	26.
1295	26.	1296	26.	1297	26.	1298	26.	1299	26.
1300	26.	1310	22.	1320	20.	1330	17.	1340	15.
1350	11.	1360	9.	1370	7.	1380	6.	1390	5.
1400	5.	1420	3.	1440	3.	1460	2.	1500	2.

CALLEGUA. 990

```

*****
*                               RESERVOIR ROUTING AT 452B                               *
* INCOMING HYDROGRAPH PEAK = 381.90 INCOMING HYDROGRAPH VOLUME = 44.91 AC. FT.      *
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000                                           *
* RESERVOIR INFLOW PEAK = 381.90 TIME OF PEAK = 1160 VOLUME UNDER INFLOW HYDROGRAPH = 44.91 AC. FT. *
* MAXIMUM ELEVATION = 1148.74 TIME = 1183 SPILLAGE ELEVATION = 1150.90 DIFFERENCE = -2.16 *
* SPILLED FROM **** TO 1360 FOR **** MINUTES                                       *
* RESERVOIR OUTFLOW PEAK = 70.97 TIME OF PEAK = 1183 VOLUME UNDER OUTFLOW HYDROGRAPH = 42.90 AC. FT. *
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031		452B		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	2.	300	3.	400	6.
500	7.	600	9.	700	12.	800	15.	900	19.
1000	25.	1050	32.	1100	41.	1110	43.	1120	45.
1130	47.	1131	47.	1132	47.	1133	48.	1134	48.
1135	49.	1136	49.	1137	49.	1138	50.	1139	50.
1140	51.	1141	51.	1142	51.	1143	52.	1144	52.
1145	53.	1146	54.	1147	54.	1148	55.	1149	55.
1150	56.	1151	56.	1152	57.	1153	58.	1154	58.
1155	59.	1156	60.	1157	62.	1158	63.	1159	64.
1160	65.	1161	66.	1162	66.	1163	67.	1164	68.
1165	68.	1166	69.	1167	69.	1168	69.	1169	70.
1170	70.	1171	70.	1172	70.	1173	70.	1174	71.
1175	71.	1176	71.	1177	71.	1178	71.	1179	71.
1180	71.	1181	71.	1182	71.	1183	71.	1184	71.
1185	71.	1186	71.	1187	71.	1188	71.	1189	71.
1190	71.	1191	71.	1192	71.	1193	71.	1194	71.
1195	71.	1196	71.	1197	71.	1198	71.	1199	70.
1200	70.	1201	70.	1202	70.	1203	70.	1204	70.
1205	70.	1206	70.	1207	70.	1208	70.	1209	70.
1210	70.	1211	70.	1212	70.	1213	70.	1214	70.
1215	70.	1216	69.	1217	69.	1218	69.	1219	69.
1220	69.	1221	69.	1222	69.	1223	69.	1224	69.
1225	69.	1226	69.	1227	69.	1228	69.	1229	68.
1230	68.	1231	68.	1232	68.	1233	68.	1234	68.
1235	68.	1236	68.	1237	68.	1238	68.	1239	68.
1240	68.	1241	67.	1242	67.	1243	67.	1244	67.
1245	67.	1246	67.	1247	67.	1248	67.	1249	67.
1250	67.	1251	67.	1252	67.	1253	66.	1254	66.
1255	66.	1256	66.	1257	66.	1258	66.	1259	66.
1260	66.	1261	66.	1262	66.	1263	66.	1264	66.
1265	65.	1266	65.	1267	65.	1268	65.	1269	65.
1270	65.	1271	65.	1272	65.	1273	65.	1274	65.
1275	65.	1276	65.	1277	64.	1278	64.	1279	64.
1280	64.	1281	64.	1282	64.	1283	64.	1284	64.
1285	63.	1286	63.	1287	63.	1288	63.	1289	63.
1290	63.	1291	63.	1292	62.	1293	62.	1294	62.
1295	62.	1296	62.	1297	62.	1298	62.	1299	61.
1300	61.	1310	60.	1320	58.	1330	57.	1340	55.
1350	53.	1360	50.	1370	48.	1380	45.	1390	42.
1400	37.	1420	28.	1440	21.	1460	13.	1500	5.

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 452B

ELEVATION	DI STORAGE	DI STORAGE
FT	ACFT	CFS
1140.00	0.00	0.00
1141.00	0.90	20.00
1143.00	2.70	42.00
1145.00	5.10	54.00
1147.00	8.50	64.00
1148.00	10.60	68.00
1149.00	12.70	72.00
1150.00	15.00	76.00
1151.00	17.40	80.00
1152.00	20.10	114.00
1152.50	21.50	142.00
1154.00	25.80	145.00
1155.00	29.00	148.00

 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 460C *
 * ADJUSTED HYDROGRAPH PEAK = 297.37 RUNOFF FACTOR = 3.85 I.N. *
 * ADJUSTED HYDROGRAPH VOLUME = 17.13 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 460C STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	1.	900	4.
1000	12.	1050	20.	1100	26.	1110	34.	1120	41.
1130	52.	1131	54.	1132	56.	1133	58.	1134	60.
1135	62.	1136	64.	1137	66.	1138	67.	1139	69.
1140	70.	1141	72.	1142	75.	1143	78.	1144	81.
1145	84.	1146	88.	1147	93.	1148	98.	1149	105.
1150	115.	1151	133.	1152	148.	1153	172.	1154	206.
1155	234.	1156	258.	1157	278.	1158	292.	1159	297.
1160	296.	1161	285.	1162	266.	1163	246.	1164	218.
1165	186.	1166	158.	1167	135.	1168	115.	1169	99.
1170	87.	1171	77.	1172	68.	1173	61.	1174	56.
1175	51.	1176	47.	1177	44.	1178	40.	1179	38.
1180	36.	1181	34.	1182	32.	1183	30.	1184	29.
1185	27.	1186	26.	1187	25.	1188	24.	1189	23.
1190	23.	1191	22.	1192	22.	1193	21.	1194	21.
1195	21.	1196	20.	1197	20.	1198	20.	1199	20.
1200	20.	1201	20.	1202	20.	1203	19.	1204	19.
1205	19.	1206	19.	1207	18.	1208	18.	1209	17.
1210	17.	1211	17.	1212	16.	1213	16.	1214	15.
1215	15.	1216	14.	1217	14.	1218	14.	1219	13.
1220	13.	1221	13.	1222	13.	1223	12.	1224	12.
1225	12.	1226	12.	1227	12.	1228	12.	1229	12.
1230	12.	1231	12.	1232	12.	1233	12.	1234	12.
1235	12.	1236	12.	1237	12.	1238	12.	1239	11.
1240	11.	1241	11.	1242	11.	1243	11.	1244	11.
1245	11.	1246	11.	1247	11.	1248	11.	1249	11.
1250	11.	1251	11.	1252	11.	1253	11.	1254	11.
1255	11.	1256	11.	1257	11.	1258	11.	1259	11.
1260	11.	1261	11.	1262	11.	1263	11.	1264	11.
1265	10.	1266	10.	1267	10.	1268	10.	1269	10.
1270	9.	1271	9.	1272	9.	1273	9.	1274	8.

CALLEGUA. 990									
1275	8.	1276	8.	1277	8.	1278	8.	1279	7.
1280	7.	1281	7.	1282	7.	1283	7.	1284	6.
1285	6.	1286	6.	1287	6.	1288	6.	1289	6.
1290	6.	1291	6.	1292	6.	1293	6.	1294	6.
1295	5.	1296	5.	1297	5.	1298	5.	1299	5.
1300	5.	1310	4.	1320	3.	1330	2.	1340	1.
1350	1.	1360	1.	1370	0.	1380	0.	1390	0.
1400	0.	1420	0.	1440	0.	1460	0.	1500	0.

 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 460C *
 * ADJUSTED HYDROGRAPH PEAK = 297.37 RUNOFF FACTOR = 3.85 IN. *
 * ADJUSTED HYDROGRAPH VOLUME = 35.28 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031		460C		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	1.	400	2.
500	2.	600	2.	700	3.	800	5.	900	11.
1000	25.	1050	39.	1100	57.	1110	68.	1120	79.
1130	93.	1131	96.	1132	98.	1133	100.	1134	102.
1135	105.	1136	107.	1137	109.	1138	111.	1139	113.
1140	115.	1141	117.	1142	119.	1143	122.	1144	126.
1145	129.	1146	133.	1147	137.	1148	142.	1149	148.
1150	157.	1151	171.	1152	183.	1153	202.	1154	228.
1155	249.	1156	268.	1157	283.	1158	293.	1159	297.
1160	296.	1161	288.	1162	274.	1163	259.	1164	238.
1165	213.	1166	191.	1167	173.	1168	157.	1169	144.
1170	134.	1171	125.	1172	118.	1173	112.	1174	106.
1175	102.	1176	98.	1177	95.	1178	91.	1179	89.
1180	86.	1181	84.	1182	81.	1183	79.	1184	78.
1185	76.	1186	74.	1187	73.	1188	71.	1189	70.
1190	69.	1191	68.	1192	67.	1193	66.	1194	65.
1195	64.	1196	63.	1197	63.	1198	62.	1199	61.
1200	61.	1201	60.	1202	60.	1203	59.	1204	58.
1205	58.	1206	57.	1207	56.	1208	55.	1209	55.
1210	54.	1211	53.	1212	52.	1213	51.	1214	50.
1215	50.	1216	49.	1217	48.	1218	48.	1219	47.
1220	46.	1221	46.	1222	45.	1223	45.	1224	44.
1225	44.	1226	43.	1227	43.	1228	43.	1229	42.
1230	42.	1231	42.	1232	41.	1233	41.	1234	41.
1235	40.	1236	40.	1237	40.	1238	39.	1239	39.
1240	39.	1241	38.	1242	38.	1243	38.	1244	37.
1245	37.	1246	37.	1247	37.	1248	36.	1249	36.
1250	36.	1251	35.	1252	35.	1253	35.	1254	35.
1255	34.	1256	34.	1257	34.	1258	34.	1259	34.
1260	33.	1261	33.	1262	33.	1263	33.	1264	32.
1265	32.	1266	32.	1267	31.	1268	31.	1269	31.
1270	30.	1271	30.	1272	30.	1273	29.	1274	29.
1275	28.	1276	28.	1277	28.	1278	27.	1279	27.
1280	27.	1281	26.	1282	26.	1283	26.	1284	25.
1285	25.	1286	25.	1287	24.	1288	24.	1289	24.
1290	24.	1291	24.	1292	23.	1293	23.	1294	23.
1295	23.	1296	23.	1297	23.	1298	22.	1299	22.
1300	22.	1310	20.	1320	17.	1330	16.	1340	14.
1350	13.	1360	12.	1370	11.	1380	11.	1390	10.
1400	10.	1420	9.	1440	8.	1460	7.	1500	6.

CALLEGUA. 990

```

*****
*                               RESERVOIR ROUTING AT 460C                               *
* INCOMING HYDROGRAPH PEAK = 297.37 INCOMING HYDROGRAPH VOLUME = 35.28 AC. FT.      *
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000                                           *
* RESERVOIR INFLOW PEAK = 297.37 TIME OF PEAK = 1159 VOLUME UNDER INFLOW HYDROGRAPH = 35.28 AC. FT. *
* MAXIMUM ELEVATION = 1147.38 TIME = 1208 SPILLAGE ELEVATION = 1150.00 DIFFERENCE = -2.62 *
* SPILLED FROM **** TO 1360 FOR **** MINUTES                                       *
* RESERVOIR OUTFLOW PEAK = 55.54 TIME OF PEAK = 1208 VOLUME UNDER OUTFLOW HYDROGRAPH = 27.10 AC. FT. *
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031		460C		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	2.	900	5.
1000	10.	1050	15.	1100	21.	1110	23.	1120	25.
1130	30.	1131	30.	1132	31.	1133	32.	1134	32.
1135	33.	1136	33.	1137	34.	1138	35.	1139	35.
1140	35.	1141	36.	1142	36.	1143	37.	1144	37.
1145	37.	1146	38.	1147	38.	1148	39.	1149	39.
1150	40.	1151	40.	1152	40.	1153	41.	1154	42.
1155	42.	1156	43.	1157	44.	1158	45.	1159	46.
1160	47.	1161	49.	1162	50.	1163	50.	1164	51.
1165	52.	1166	52.	1167	52.	1168	53.	1169	53.
1170	53.	1171	53.	1172	54.	1173	54.	1174	54.
1175	54.	1176	54.	1177	54.	1178	54.	1179	55.
1180	55.	1181	55.	1182	55.	1183	55.	1184	55.
1185	55.	1186	55.	1187	55.	1188	55.	1189	55.
1190	55.	1191	55.	1192	55.	1193	55.	1194	55.
1195	55.	1196	55.	1197	55.	1198	55.	1199	55.
1200	55.	1201	55.	1202	56.	1203	56.	1204	56.
1205	56.	1206	56.	1207	56.	1208	56.	1209	56.
1210	56.	1211	56.	1212	56.	1213	56.	1214	55.
1215	55.	1216	55.	1217	55.	1218	55.	1219	55.
1220	55.	1221	55.	1222	55.	1223	55.	1224	55.
1225	55.	1226	55.	1227	55.	1228	55.	1229	55.
1230	55.	1231	55.	1232	55.	1233	55.	1234	55.
1235	55.	1236	55.	1237	55.	1238	55.	1239	55.
1240	55.	1241	55.	1242	55.	1243	55.	1244	54.
1245	54.	1246	54.	1247	54.	1248	54.	1249	54.
1250	54.	1251	54.	1252	54.	1253	54.	1254	54.
1255	54.	1256	54.	1257	54.	1258	54.	1259	54.
1260	54.	1261	54.	1262	54.	1263	53.	1264	53.
1265	53.	1266	53.	1267	53.	1268	53.	1269	53.
1270	53.	1271	53.	1272	53.	1273	53.	1274	53.
1275	53.	1276	53.	1277	53.	1278	52.	1279	52.
1280	52.	1281	52.	1282	52.	1283	52.	1284	52.
1285	52.	1286	52.	1287	52.	1288	52.	1289	52.
1290	52.	1291	51.	1292	51.	1293	51.	1294	51.
1295	51.	1296	51.	1297	51.	1298	51.	1299	51.
1300	51.	1310	50.	1320	48.	1330	47.	1340	45.
1350	44.	1360	43.	1370	42.	1380	41.	1390	40.
1400	38.	1420	36.	1440	33.	1460	29.	1500	24.

CALLEGUA. 990

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 460C

ELEVATION FT	STORAGE ACFT	DISCHARGE CFS
1135.00	0.00	0.00
1136.00	0.80	0.00
1137.00	1.60	0.00
1138.00	2.50	7.00
1139.00	3.60	12.00
1140.00	4.70	17.00
1141.00	5.90	21.00
1142.00	7.30	25.00
1142.50	8.00	30.00
1143.00	8.80	35.00
1144.00	10.40	40.00
1145.00	12.10	44.00
1146.00	13.70	50.00
1147.00	15.60	54.00
1147.50	16.60	56.00
1148.00	17.60	56.00
1149.00	19.60	57.00
1149.50	20.70	58.00
1150.00	21.90	81.00
1151.00	24.00	174.00
1152.00	26.60	307.00
1153.00	29.20	469.00
1154.00	31.80	655.00
1155.00	34.60	865.00

```

*****
*                               RESERVOIR ROUTING AT 542CD                               *
* INCOMING HYDROGRAPH PEAK = 767.38 INCOMING HYDROGRAPH VOLUME = 52.78 AC. FT.      *
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000                                           *
* RESERVOIR INFLOW PEAK = 767.38 TIME OF PEAK = 1158 VOLUME UNDER INFLOW HYDROGRAPH = 52.78 AC. FT. *
* MAXIMUM ELEVATION = 932.23 TIME = 1182 SPILLAGE ELEVATION = 938.00 DIFFERENCE = -5.77 *
* SPILLED FROM **** TO 1360 FOR **** MINUTES                                       *
* RESERVOIR OUTFLOW PEAK = 94.60 TIME OF PEAK = 1182 VOLUME UNDER OUTFLOW HYDROGRAPH = 49.40 AC. FT. *
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING
HYDROGRAPH AT 15031 542CD STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	1.	300	1.	400	1.
500	1.	600	2.	700	2.	800	3.	900	9.
1000	27.	1050	51.	1100	63.	1110	64.	1120	68.
1130	72.	1131	73.	1132	73.	1133	74.	1134	75.
1135	76.	1136	76.	1137	77.	1138	77.	1139	77.
1140	77.	1141	78.	1142	78.	1143	78.	1144	78.
1145	79.	1146	79.	1147	79.	1148	80.	1149	80.
1150	81.	1151	81.	1152	82.	1153	83.	1154	84.
1155	85.	1156	86.	1157	87.	1158	88.	1159	89.
1160	89.	1161	90.	1162	91.	1163	91.	1164	92.
1165	92.	1166	93.	1167	93.	1168	93.	1169	94.
1170	94.	1171	94.	1172	94.	1173	94.	1174	94.
1175	94.	1176	94.	1177	95.	1178	95.	1179	95.
1180	95.	1181	95.	1182	95.	1183	95.	1184	95.
1185	95.	1186	95.	1187	95.	1188	95.	1189	95.

CALLEGUA. 990									
1190	95.	1191	94.	1192	94.	1193	94.	1194	94.
1195	94.	1196	94.	1197	94.	1198	94.	1199	94.
1200	94.	1201	94.	1202	94.	1203	94.	1204	94.
1205	94.	1206	94.	1207	94.	1208	94.	1209	94.
1210	94.	1211	94.	1212	94.	1213	94.	1214	94.
1215	94.	1216	94.	1217	93.	1218	93.	1219	93.
1220	93.	1221	93.	1222	93.	1223	93.	1224	93.
1225	93.	1226	93.	1227	93.	1228	93.	1229	93.
1230	93.	1231	93.	1232	93.	1233	93.	1234	93.
1235	92.	1236	92.	1237	92.	1238	92.	1239	92.
1240	92.	1241	92.	1242	92.	1243	92.	1244	92.
1245	92.	1246	92.	1247	92.	1248	92.	1249	92.
1250	92.	1251	92.	1252	91.	1253	91.	1254	91.
1255	91.	1256	91.	1257	91.	1258	91.	1259	91.
1260	91.	1261	91.	1262	91.	1263	91.	1264	91.
1265	91.	1266	91.	1267	91.	1268	90.	1269	90.
1270	90.	1271	90.	1272	90.	1273	90.	1274	90.
1275	90.	1276	90.	1277	90.	1278	90.	1279	90.
1280	90.	1281	90.	1282	89.	1283	89.	1284	89.
1285	89.	1286	89.	1287	89.	1288	89.	1289	89.
1290	89.	1291	89.	1292	89.	1293	89.	1294	88.
1295	88.	1296	88.	1297	88.	1298	88.	1299	88.
1300	88.	1310	87.	1320	86.	1330	84.	1340	83.
1350	82.	1360	81.	1370	79.	1380	78.	1390	77.
1400	73.	1420	64.	1440	10.	1460	1.	1500	1.

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 542CD

ELEVATION	STORAGE	DISCHARGE
FT	ACFT	CFS
907.00	0.00	0.00
911.00	0.44	59.70
914.00	1.57	65.80
916.00	2.32	69.50
918.00	3.08	73.10
920.00	3.83	76.50
922.00	6.55	79.70
924.00	9.27	82.90
928.00	14.71	88.80
932.00	21.91	94.30
934.00	26.39	96.90
936.00	31.27	99.50
937.00	33.91	100.80
938.00	36.55	102.00
940.00	40.00	104.50

 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 605C *
 * ADJUSTED HYDROGRAPH PEAK = 260.51 RUNOFF FACTOR = 3.10 IN. *
 * ADJUSTED HYDROGRAPH VOLUME = 30.77 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING									
HYDROGRAPH AT 15031		605C		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	5.	200	6.	300	6.	400	7.
500	7.	600	7.	700	8.	800	8.	900	11.

CALLEGUA. 990									
1000	16.	1050	22.	1100	28.	1110	39.	1120	42.
1130	58.	1131	60.	1132	61.	1133	62.	1134	65.
1135	67.	1136	68.	1137	70.	1138	73.	1139	75.
1140	78.	1141	81.	1142	84.	1143	87.	1144	90.
1145	96.	1146	102.	1147	107.	1148	113.	1149	128.
1150	149.	1151	156.	1152	183.	1153	216.	1154	227.
1155	237.	1156	248.	1157	260.	1158	261.	1159	251.
1160	251.	1161	233.	1162	204.	1163	198.	1164	195.
1165	192.	1166	185.	1167	179.	1168	172.	1169	163.
1170	150.	1171	140.	1172	132.	1173	125.	1174	119.
1175	115.	1176	111.	1177	107.	1178	103.	1179	99.
1180	95.	1181	91.	1182	87.	1183	83.	1184	80.
1185	76.	1186	73.	1187	70.	1188	67.	1189	64.
1190	61.	1191	59.	1192	57.	1193	55.	1194	53.
1195	51.	1196	49.	1197	48.	1198	46.	1199	45.
1200	44.	1201	42.	1202	41.	1203	40.	1204	39.
1205	38.	1206	37.	1207	36.	1208	35.	1209	34.
1210	33.	1211	33.	1212	32.	1213	31.	1214	30.
1215	29.	1216	29.	1217	28.	1218	27.	1219	26.
1220	26.	1221	25.	1222	25.	1223	24.	1224	24.
1225	24.	1226	23.	1227	23.	1228	23.	1229	22.
1230	22.	1231	22.	1232	22.	1233	22.	1234	21.
1235	21.	1236	21.	1237	21.	1238	21.	1239	20.
1240	20.	1241	20.	1242	20.	1243	20.	1244	19.
1245	19.	1246	19.	1247	19.	1248	19.	1249	18.
1250	18.	1251	18.	1252	18.	1253	18.	1254	18.
1255	18.	1256	17.	1257	17.	1258	17.	1259	17.
1260	17.	1261	17.	1262	17.	1263	17.	1264	17.
1265	17.	1266	16.	1267	16.	1268	16.	1269	16.
1270	16.	1271	16.	1272	16.	1273	15.	1274	15.
1275	15.	1276	15.	1277	15.	1278	14.	1279	14.
1280	14.	1281	14.	1282	14.	1283	13.	1284	13.
1285	13.	1286	13.	1287	13.	1288	13.	1289	13.
1290	13.	1291	13.	1292	12.	1293	12.	1294	12.
1295	12.	1296	12.	1297	12.	1298	12.	1299	12.
1300	12.	1310	11.	1320	10.	1330	8.	1340	8.
1350	7.	1360	7.	1370	6.	1380	6.	1390	6.
1400	6.	1420	5.	1440	5.	1460	5.	1500	5.

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 605C *
* ADJUSTED HYDROGRAPH PEAK = 260.51 RUNOFF FACTOR = 3.10 IN. *
* ADJUSTED HYDROGRAPH VOLUME = 37.71 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031		605C		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	5.	200	6.	300	7.	400	7.
500	7.	600	8.	700	9.	800	10.	900	13.
1000	21.	1050	30.	1100	41.	1110	53.	1120	57.
1130	75.	1131	77.	1132	78.	1133	79.	1134	82.
1135	84.	1136	85.	1137	87.	1138	90.	1139	92.
1140	95.	1141	99.	1142	102.	1143	104.	1144	107.
1145	113.	1146	119.	1147	124.	1148	129.	1149	143.
1150	162.	1151	168.	1152	192.	1153	221.	1154	231.
1155	240.	1156	250.	1157	260.	1158	261.	1159	252.
1160	252.	1161	236.	1162	211.	1163	206.	1164	203.
1165	200.	1166	194.	1167	188.	1168	182.	1169	173.

CALLEGUA. 990									
1170	162.	1171	153.	1172	146.	1173	138.	1174	133.
1175	130.	1176	125.	1177	122.	1178	117.	1179	114.
1180	110.	1181	106.	1182	102.	1183	99.	1184	95.
1185	92.	1186	89.	1187	86.	1188	83.	1189	80.
1190	77.	1191	75.	1192	72.	1193	70.	1194	68.
1195	66.	1196	65.	1197	63.	1198	62.	1199	60.
1200	59.	1201	57.	1202	56.	1203	55.	1204	54.
1205	53.	1206	51.	1207	50.	1208	49.	1209	48.
1210	47.	1211	46.	1212	45.	1213	44.	1214	44.
1215	43.	1216	42.	1217	41.	1218	40.	1219	39.
1220	39.	1221	38.	1222	37.	1223	37.	1224	36.
1225	36.	1226	35.	1227	35.	1228	35.	1229	34.
1230	34.	1231	34.	1232	33.	1233	33.	1234	33.
1235	32.	1236	32.	1237	32.	1238	31.	1239	31.
1240	31.	1241	30.	1242	30.	1243	30.	1244	30.
1245	29.	1246	29.	1247	29.	1248	29.	1249	28.
1250	28.	1251	28.	1252	27.	1253	27.	1254	27.
1255	27.	1256	27.	1257	26.	1258	26.	1259	26.
1260	26.	1261	26.	1262	26.	1263	25.	1264	25.
1265	25.	1266	25.	1267	25.	1268	24.	1269	24.
1270	24.	1271	24.	1272	24.	1273	23.	1274	23.
1275	23.	1276	23.	1277	22.	1278	22.	1279	22.
1280	22.	1281	21.	1282	21.	1283	21.	1284	21.
1285	20.	1286	20.	1287	20.	1288	20.	1289	20.
1290	20.	1291	20.	1292	19.	1293	19.	1294	19.
1295	19.	1296	19.	1297	19.	1298	19.	1299	19.
1300	19.	1310	17.	1320	15.	1330	14.	1340	13.
1350	12.	1360	11.	1370	11.	1380	10.	1390	10.
1400	10.	1420	9.	1440	8.	1460	8.	1500	8.

```

*****
*                               RESERVOIR ROUTING AT 605C                               *
* INCOMING HYDROGRAPH PEAK = 260.51 INCOMING HYDROGRAPH VOLUME = 37.71 AC. FT.      *
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000                                           *
* RESERVOIR INFLOW PEAK = 260.51 TIME OF PEAK = 1158 VOLUME UNDER INFLOW HYDROGRAPH = 37.71 AC. FT. *
* MAXIMUM ELEVATION = 841.82 TIME = 1177 SPILLAGE ELEVATION = 0.00 DIFFERENCE = +841.82 *
* SPILLED FROM 0 TO 1500 FOR 1501 MINUTES                                           *
* RESERVOIR OUTFLOW PEAK = 123.26 TIME OF PEAK = 1177 VOLUME UNDER OUTFLOW HYDROGRAPH = 35.84 AC. FT. *
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031		605C		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	6.	300	6.	400	7.
500	7.	600	8.	700	8.	800	9.	900	12.
1000	17.	1050	25.	1100	35.	1110	46.	1120	55.
1130	65.	1131	71.	1132	75.	1133	77.	1134	79.
1135	81.	1136	83.	1137	85.	1138	87.	1139	89.
1140	92.	1141	95.	1142	98.	1143	101.	1144	104.
1145	107.	1146	112.	1147	114.	1148	114.	1149	114.
1150	114.	1151	115.	1152	115.	1153	116.	1154	116.
1155	117.	1156	118.	1157	119.	1158	120.	1159	120.
1160	121.	1161	121.	1162	121.	1163	122.	1164	122.
1165	122.	1166	122.	1167	122.	1168	123.	1169	123.
1170	123.	1171	123.	1172	123.	1173	123.	1174	123.
1175	123.	1176	123.	1177	123.	1178	123.	1179	123.

CALLEGUA. 990									
1180	123.	1181	123.	1182	123.	1183	123.	1184	123.
1185	123.	1186	123.	1187	123.	1188	123.	1189	122.
1190	122.	1191	122.	1192	122.	1193	122.	1194	122.
1195	122.	1196	121.	1197	121.	1198	121.	1199	121.
1200	121.	1201	121.	1202	120.	1203	120.	1204	120.
1205	120.	1206	119.	1207	119.	1208	118.	1209	118.
1210	117.	1211	117.	1212	116.	1213	116.	1214	116.
1215	115.	1216	115.	1217	114.	1218	88.	1219	61.
1220	49.	1221	43.	1222	40.	1223	38.	1224	37.
1225	37.	1226	36.	1227	36.	1228	35.	1229	35.
1230	34.	1231	34.	1232	34.	1233	33.	1234	33.
1235	33.	1236	32.	1237	32.	1238	32.	1239	31.
1240	31.	1241	31.	1242	31.	1243	30.	1244	30.
1245	30.	1246	29.	1247	29.	1248	29.	1249	29.
1250	28.	1251	28.	1252	28.	1253	28.	1254	27.
1255	27.	1256	27.	1257	27.	1258	27.	1259	26.
1260	26.	1261	26.	1262	26.	1263	26.	1264	25.
1265	25.	1266	25.	1267	25.	1268	25.	1269	25.
1270	24.	1271	24.	1272	24.	1273	24.	1274	23.
1275	23.	1276	23.	1277	23.	1278	22.	1279	22.
1280	22.	1281	22.	1282	21.	1283	21.	1284	21.
1285	21.	1286	20.	1287	20.	1288	20.	1289	20.
1290	20.	1291	20.	1292	20.	1293	19.	1294	19.
1295	19.	1296	19.	1297	19.	1298	19.	1299	19.
1300	19.	1310	18.	1320	16.	1330	15.	1340	13.
1350	13.	1360	12.	1370	11.	1380	11.	1390	10.
1400	10.	1420	9.	1440	8.	1460	8.	1500	8.

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 605C

ELEVATION FT	STORAGE ACFT	DISCHARGE CFS
839.50	0.00	0.00
840.00	0.20	114.00
841.00	1.50	120.00
842.00	3.40	124.00
843.00	5.50	126.00
844.00	7.90	129.00
845.00	10.50	133.00
846.00	13.20	136.00
847.00	16.00	139.00
848.00	19.40	142.00
849.00	23.00	146.00
850.00	27.00	149.00

 * HYDROGRAPH FATTENED AT 795BC *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.80100 RUNOFF FACTOR = 3.74 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 5108.15 ADJUSTED HYDROGRAPH VOLUME = 713.60 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING									
HYDROGRAPH AT 15031		795BC		STORM DAY 4		ADJUSTMENT FACTOR = 0.801			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	77.	200	81.	300	91.	400	100.
500	106.	600	116.	700	126.	800	142.	900	201.
1000	358.	1050	549.	1100	763.	1110	842.	1120	950.

CALLEGUA. 990

1130	1114.	1131	1136.	1132	1158.	1133	1182.	1134	1209.
1135	1236.	1136	1263.	1137	1294.	1138	1325.	1139	1356.
1140	1389.	1141	1424.	1142	1460.	1143	1497.	1144	1538.
1145	1584.	1146	1634.	1147	1687.	1148	1745.	1149	1831.
1150	1927.	1151	2008.	1152	2159.	1153	2303.	1154	2446.
1155	2600.	1156	2759.	1157	2917.	1158	3074.	1159	3231.
1160	3385.	1161	3537.	1162	3691.	1163	3857.	1164	4037.
1165	4212.	1166	4388.	1167	4560.	1168	4707.	1169	4827.
1170	4926.	1171	5026.	1172	5094.	1173	5106.	1174	5108.
1175	5090.	1176	5043.	1177	4968.	1178	4870.	1179	4752.
1180	4616.	1181	4468.	1182	4311.	1183	4146.	1184	3979.
1185	3808.	1186	3641.	1187	3478.	1188	3320.	1189	3167.
1190	3018.	1191	2880.	1192	2748.	1193	2624.	1194	2507.
1195	2396.	1196	2292.	1197	2198.	1198	2111.	1199	2026.
1200	1945.	1201	1867.	1202	1792.	1203	1722.	1204	1656.
1205	1593.	1206	1533.	1207	1477.	1208	1424.	1209	1374.
1210	1325.	1211	1282.	1212	1242.	1213	1203.	1214	1165.
1215	1128.	1216	1093.	1217	1061.	1218	1030.	1219	1000.
1220	972.	1221	946.	1222	922.	1223	899.	1224	878.
1225	857.	1226	838.	1227	820.	1228	803.	1229	787.
1230	772.	1231	757.	1232	744.	1233	730.	1234	717.
1235	706.	1236	694.	1237	682.	1238	671.	1239	660.
1240	650.	1241	640.	1242	630.	1243	620.	1244	611.
1245	601.	1246	593.	1247	585.	1248	576.	1249	568.
1250	560.	1251	552.	1252	544.	1253	537.	1254	530.
1255	523.	1256	517.	1257	511.	1258	505.	1259	499.
1260	494.	1261	489.	1262	483.	1263	478.	1264	474.
1265	469.	1266	464.	1267	460.	1268	455.	1269	451.
1270	447.	1271	443.	1272	440.	1273	436.	1274	432.
1275	429.	1276	425.	1277	422.	1278	419.	1279	416.
1280	413.	1281	410.	1282	407.	1283	404.	1284	402.
1285	399.	1286	397.	1287	394.	1288	392.	1289	389.
1290	387.	1291	385.	1292	382.	1293	380.	1294	378.
1295	376.	1296	374.	1297	371.	1298	369.	1299	367.
1300	365.	1310	336.	1320	309.	1330	284.	1340	258.
1350	232.	1360	207.	1370	183.	1380	162.	1390	147.
1400	135.	1420	113.	1440	97.	1460	85.	1500	74.

 * HYDROGRAPH FATTENED AT 795BC *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.80100 RUNOFF FACTOR = 3.74 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 5108.15 ADJUSTED HYDROGRAPH VOLUME = 1367.58 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING

HYDROGRAPH AT	15031	795BC	ADJUSTED HYDROGRAPH AFTER FATTENING	STORM DAY 4	ADJUSTMENT FACTOR =	0.801	
TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	92.	200	115.	300	133.
500	172.	600	203.	700	245.	800	315.
1000	837.	1050	1220.	1100	1772.	1110	1940.
1130	2395.	1131	2424.	1132	2454.	1133	2486.
1135	2552.	1136	2585.	1137	2621.	1138	2657.
1140	2730.	1141	2768.	1142	2807.	1143	2847.
1145	2934.	1146	2981.	1147	3030.	1148	3081.
1150	3222.	1151	3286.	1152	3390.	1153	3489.
1155	3688.	1156	3791.	1157	3891.	1158	3990.
1160	4181.	1161	4272.	1162	4363.	1163	4458.
1165	4654.	1166	4748.	1167	4837.	1168	4913.
1170	5022.	1171	5070.	1172	5102.	1173	5107.

CALLEGUA. 990									
1175	5100.	1176	5078.	1177	5043.	1178	4996.	1179	4937.
1180	4869.	1181	4793.	1182	4711.	1183	4623.	1184	4531.
1185	4436.	1186	4342.	1187	4247.	1188	4153.	1189	4061.
1190	3969.	1191	3881.	1192	3796.	1193	3714.	1194	3635.
1195	3558.	1196	3485.	1197	3416.	1198	3351.	1199	3286.
1200	3223.	1201	3161.	1202	3102.	1203	3044.	1204	2988.
1205	2934.	1206	2882.	1207	2832.	1208	2783.	1209	2736.
1210	2690.	1211	2647.	1212	2606.	1213	2566.	1214	2526.
1215	2487.	1216	2449.	1217	2413.	1218	2378.	1219	2344.
1220	2311.	1221	2279.	1222	2248.	1223	2219.	1224	2190.
1225	2163.	1226	2136.	1227	2110.	1228	2085.	1229	2061.
1230	2037.	1231	2014.	1232	1992.	1233	1970.	1234	1948.
1235	1927.	1236	1907.	1237	1886.	1238	1866.	1239	1847.
1240	1828.	1241	1809.	1242	1791.	1243	1773.	1244	1755.
1245	1737.	1246	1720.	1247	1703.	1248	1686.	1249	1670.
1250	1653.	1251	1637.	1252	1622.	1253	1606.	1254	1591.
1255	1577.	1256	1562.	1257	1548.	1258	1534.	1259	1521.
1260	1508.	1261	1495.	1262	1482.	1263	1469.	1264	1457.
1265	1445.	1266	1433.	1267	1421.	1268	1409.	1269	1398.
1270	1387.	1271	1376.	1272	1365.	1273	1354.	1274	1344.
1275	1333.	1276	1323.	1277	1313.	1278	1303.	1279	1294.
1280	1284.	1281	1275.	1282	1266.	1283	1257.	1284	1248.
1285	1239.	1286	1230.	1287	1222.	1288	1213.	1289	1205.
1290	1196.	1291	1188.	1292	1180.	1293	1172.	1294	1164.
1295	1157.	1296	1149.	1297	1141.	1298	1134.	1299	1126.
1300	1119.	1310	1041.	1320	970.	1330	906.	1340	844.
1350	785.	1360	730.	1370	679.	1380	634.	1390	595.
1400	561.	1420	500.	1440	450.	1460	408.	1500	349.

```

*****
*                               RESERVOIR ROUTING AT 795BC                               *
* INCOMING HYDROGRAPH PEAK      = 5108.15      INCOMING HYDROGRAPH VOLUME      = 1367.58 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.80100                                           *
* RESERVOIR INFLOW PEAK        = 5108.15      TIME OF PEAK        = 1174      VOLUME UNDER INFLOW HYDROGRAPH = 1367.58 AC. FT. *
* MAXIMUM ELEVATION            = 839.53      TIME                  = 0      SPILLAGE ELEVATION    = 797.00      DIFFERENCE    = +42.53 *
* SPILLED FROM 0 TO 1500 FOR 1501 MINUTES                                           *
* RESERVOIR OUTFLOW PEAK      = 1249.48      TIME OF PEAK      = 1284      VOLUME UNDER OUTFLOW HYDROGRAPH = 554.80 AC. FT. *
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031		795BC		STORM DAY 4		ADJUSTMENT FACTOR = 0.801			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	40.
500	70.	600	96.	700	121.	800	138.	900	144.
1000	159.	1050	161.	1100	167.	1110	170.	1120	172.
1130	175.	1131	175.	1132	175.	1133	176.	1134	176.
1135	176.	1136	176.	1137	177.	1138	177.	1139	177.
1140	178.	1141	178.	1142	178.	1143	178.	1144	179.
1145	179.	1146	179.	1147	180.	1148	180.	1149	180.
1150	181.	1151	181.	1152	181.	1153	181.	1154	182.
1155	182.	1156	182.	1157	182.	1158	182.	1159	183.
1160	183.	1161	183.	1162	183.	1163	184.	1164	184.
1165	184.	1166	184.	1167	185.	1168	185.	1169	185.
1170	185.	1171	186.	1172	186.	1173	186.	1174	187.
1175	187.	1176	188.	1177	188.	1178	188.	1179	189.
1180	189.	1181	190.	1182	190.	1183	206.	1184	225.

CALLEGUA. 990									
1185	244.	1186	262.	1187	279.	1188	296.	1189	313.
1190	329.	1191	345.	1192	360.	1193	375.	1194	389.
1195	403.	1196	417.	1197	433.	1198	462.	1199	491.
1200	519.	1201	545.	1202	571.	1203	596.	1204	620.
1205	644.	1206	667.	1207	689.	1208	710.	1209	730.
1210	750.	1211	769.	1212	788.	1213	806.	1214	823.
1215	840.	1216	856.	1217	872.	1218	888.	1219	902.
1220	917.	1221	930.	1222	944.	1223	957.	1224	969.
1225	981.	1226	993.	1227	1004.	1228	1015.	1229	1026.
1230	1036.	1231	1046.	1232	1055.	1233	1065.	1234	1074.
1235	1082.	1236	1091.	1237	1099.	1238	1107.	1239	1114.
1240	1121.	1241	1128.	1242	1135.	1243	1141.	1244	1148.
1245	1154.	1246	1159.	1247	1165.	1248	1170.	1249	1175.
1250	1180.	1251	1185.	1252	1189.	1253	1194.	1254	1198.
1255	1202.	1256	1205.	1257	1209.	1258	1212.	1259	1215.
1260	1218.	1261	1221.	1262	1224.	1263	1226.	1264	1229.
1265	1231.	1266	1233.	1267	1235.	1268	1237.	1269	1238.
1270	1240.	1271	1241.	1272	1243.	1273	1244.	1274	1245.
1275	1246.	1276	1247.	1277	1247.	1278	1248.	1279	1248.
1280	1249.	1281	1249.	1282	1249.	1283	1249.	1284	1249.
1285	1249.	1286	1249.	1287	1249.	1288	1249.	1289	1248.
1290	1248.	1291	1247.	1292	1247.	1293	1246.	1294	1245.
1295	1244.	1296	1243.	1297	1242.	1298	1241.	1299	1240.
1300	1239.	1310	1226.	1320	1206.	1330	1182.	1340	1154.
1350	1122.	1360	1089.	1370	1053.	1380	1016.	1390	978.
1400	941.	1420	868.	1440	799.	1460	733.	1500	620.

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 795BC

ELEVATION	STORAGE	DISCHARGE
FT	ACFT	CFS
783.00	47.00	32.00
784.00	73.00	88.00
785.00	102.00	137.00
786.00	130.00	141.00
788.00	197.00	159.00
790.00	287.00	162.00
792.00	375.00	172.00
794.00	483.00	181.00
796.00	603.00	186.00
797.00	670.00	190.00
798.00	745.00	428.00
800.00	892.00	1502.00
802.00	1070.00	3043.00
804.00	1270.00	4926.00
806.00	1482.00	7111.00
808.00	1690.00	9568.00

 * HYDROGRAPH FATTENED AT 1535BD *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.90640 RUNOFF FACTOR = 3.90 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 2289.11 ADJUSTED HYDROGRAPH VOLUME = 247.89 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 1535BD STORM DAY 4 ADJUSTMENT FACTOR = 0.906

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
------	---	------	---	------	---	------	---	------	---

CALLEGUA. 990									
0	0.	100	28.	200	28.	300	29.	400	31.
500	35.	600	40.	700	45.	800	56.	900	73.
1000	110.	1050	171.	1100	300.	1110	362.	1120	467.
1130	570.	1131	583.	1132	598.	1133	616.	1134	634.
1135	654.	1136	674.	1137	694.	1138	713.	1139	730.
1140	745.	1141	761.	1142	778.	1143	795.	1144	814.
1145	840.	1146	869.	1147	901.	1148	936.	1149	961.
1150	981.	1151	1023.	1152	1130.	1153	1231.	1154	1322.
1155	1394.	1156	1452.	1157	1510.	1158	1568.	1159	1611.
1160	1633.	1161	1697.	1162	1775.	1163	1873.	1164	1990.
1165	2095.	1166	2167.	1167	2220.	1168	2265.	1169	2289.
1170	2288.	1171	2256.	1172	2202.	1173	2130.	1174	2043.
1175	1943.	1176	1833.	1177	1723.	1178	1609.	1179	1501.
1180	1395.	1181	1298.	1182	1210.	1183	1125.	1184	1042.
1185	961.	1186	887.	1187	824.	1188	768.	1189	717.
1190	670.	1191	636.	1192	600.	1193	566.	1194	536.
1195	508.	1196	481.	1197	457.	1198	435.	1199	414.
1200	395.	1201	377.	1202	361.	1203	346.	1204	334.
1205	322.	1206	311.	1207	301.	1208	292.	1209	286.
1210	279.	1211	271.	1212	262.	1213	253.	1214	245.
1215	237.	1216	229.	1217	222.	1218	215.	1219	211.
1220	208.	1221	205.	1222	204.	1223	203.	1224	204.
1225	205.	1226	207.	1227	208.	1228	210.	1229	211.
1230	211.	1231	211.	1232	210.	1233	209.	1234	208.
1235	206.	1236	203.	1237	200.	1238	197.	1239	193.
1240	190.	1241	185.	1242	181.	1243	177.	1244	172.
1245	167.	1246	163.	1247	158.	1248	154.	1249	149.
1250	146.	1251	142.	1252	138.	1253	135.	1254	132.
1255	129.	1256	126.	1257	124.	1258	121.	1259	119.
1260	117.	1261	116.	1262	114.	1263	112.	1264	111.
1265	110.	1266	108.	1267	107.	1268	106.	1269	105.
1270	104.	1271	103.	1272	102.	1273	101.	1274	99.
1275	98.	1276	97.	1277	95.	1278	94.	1279	93.
1280	91.	1281	90.	1282	89.	1283	87.	1284	86.
1285	85.	1286	83.	1287	82.	1288	81.	1289	80.
1290	79.	1291	78.	1292	77.	1293	76.	1294	75.
1295	74.	1296	73.	1297	72.	1298	71.	1299	70.
1300	70.	1310	62.	1320	57.	1330	52.	1340	47.
1350	44.	1360	39.	1370	36.	1380	34.	1390	32.
1400	30.	1420	28.	1440	27.	1460	27.	1500	27.

* HYDROGRAPH FATTENED AT 1535BD *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.90640 RUNOFF FACTOR = 3.90 IN. *
* ADJUSTED HYDROGRAPH PEAK = 2289.11 ADJUSTED HYDROGRAPH VOLUME = 525.94 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031		1535BD		STORM DAY 4		ADJUSTMENT FACTOR = 0.906			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	34.	200	42.	300	45.	400	52.
500	62.	600	75.	700	93.	800	126.	900	185.
1000	313.	1050	462.	1100	738.	1110	834.	1120	966.
1130	1100.	1131	1115.	1132	1132.	1133	1150.	1134	1170.
1135	1189.	1136	1210.	1137	1229.	1138	1249.	1139	1266.
1140	1283.	1141	1300.	1142	1318.	1143	1336.	1144	1355.
1145	1378.	1146	1403.	1147	1430.	1148	1458.	1149	1480.
1150	1499.	1151	1531.	1152	1601.	1153	1667.	1154	1726.
1155	1773.	1156	1811.	1157	1849.	1158	1886.	1159	1914.

CALLEGUA. 990

1160	1930.	1161	1969.	1162	2014.	1163	2069.	1164	2133.
1165	2189.	1166	2227.	1167	2255.	1168	2277.	1169	2289.
1170	2288.	1171	2273.	1172	2245.	1173	2207.	1174	2161.
1175	2107.	1176	2046.	1177	1984.	1178	1919.	1179	1855.
1180	1792.	1181	1732.	1182	1677.	1183	1622.	1184	1567.
1185	1514.	1186	1463.	1187	1419.	1188	1378.	1189	1339.
1190	1304.	1191	1275.	1192	1245.	1193	1216.	1194	1189.
1195	1164.	1196	1139.	1197	1116.	1198	1094.	1199	1073.
1200	1052.	1201	1033.	1202	1015.	1203	998.	1204	982.
1205	967.	1206	952.	1207	938.	1208	925.	1209	913.
1210	901.	1211	889.	1212	876.	1213	863.	1214	851.
1215	838.	1216	826.	1217	815.	1218	804.	1219	795.
1220	786.	1221	778.	1222	771.	1223	765.	1224	759.
1225	755.	1226	750.	1227	746.	1228	741.	1229	737.
1230	732.	1231	727.	1232	721.	1233	715.	1234	709.
1235	702.	1236	696.	1237	689.	1238	681.	1239	674.
1240	667.	1241	659.	1242	651.	1243	643.	1244	635.
1245	627.	1246	619.	1247	611.	1248	604.	1249	596.
1250	589.	1251	582.	1252	575.	1253	568.	1254	562.
1255	556.	1256	550.	1257	544.	1258	539.	1259	533.
1260	528.	1261	523.	1262	518.	1263	513.	1264	509.
1265	504.	1266	500.	1267	496.	1268	492.	1269	488.
1270	484.	1271	479.	1272	475.	1273	471.	1274	467.
1275	463.	1276	459.	1277	455.	1278	451.	1279	447.
1280	443.	1281	439.	1282	435.	1283	431.	1284	428.
1285	424.	1286	420.	1287	416.	1288	413.	1289	409.
1290	406.	1291	403.	1292	399.	1293	396.	1294	393.
1295	389.	1296	386.	1297	383.	1298	380.	1299	377.
1300	374.	1310	347.	1320	323.	1330	301.	1340	282.
1350	264.	1360	248.	1370	233.	1380	220.	1390	209.
1400	198.	1420	180.	1440	166.	1460	154.	1500	134.

```

*****
*                               RESERVOIR ROUTING AT 1535BD                               *
* INCOMING HYDROGRAPH PEAK      = 2289.11      INCOMING HYDROGRAPH VOLUME      = 525.94 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.90640                                           *
* RESERVOIR INFLOW PEAK        = 2289.11      TIME OF PEAK          = 1169      VOLUME UNDER INFLOW HYDROGRAPH = 525.94 AC. FT. *
* MAXIMUM ELEVATION            = 471.31      TIME                    = 1186      SPILLAGE ELEVATION    = 470.00      DIFFERENCE = +1.31 *
* SPILLED FROM 1172 TO 1237 FOR 66 MINUTES                                           *
* RESERVOIR OUTFLOW PEAK       = 1486.17      TIME OF PEAK          = 1186      VOLUME UNDER OUTFLOW HYDROGRAPH = 501.17 AC. FT. *
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING

HYDROGRAPH AT 15031 1535BD STORM DAY 4 ADJUSTMENT FACTOR = 0.906

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	16.	200	37.	300	44.	400	48.
500	57.	600	68.	700	84.	800	109.	900	154.
1000	242.	1050	335.	1100	499.	1110	558.	1120	623.
1130	691.	1131	696.	1132	701.	1133	706.	1134	711.
1135	717.	1136	722.	1137	728.	1138	734.	1139	741.
1140	747.	1141	753.	1142	758.	1143	763.	1144	768.
1145	774.	1146	780.	1147	786.	1148	792.	1149	798.
1150	804.	1151	811.	1152	818.	1153	826.	1154	835.
1155	844.	1156	853.	1157	863.	1158	873.	1159	882.
1160	887.	1161	893.	1162	899.	1163	905.	1164	911.
1165	918.	1166	925.	1167	934.	1168	942.	1169	950.

CALLEGUA. 990									
1170	959.	1171	967.	1172	976.	1173	984.	1174	992.
1175	1000.	1176	1007.	1177	1078.	1178	1187.	1179	1275.
1180	1343.	1181	1396.	1182	1434.	1183	1461.	1184	1478.
1185	1486.	1186	1486.	1187	1481.	1188	1470.	1189	1456.
1190	1439.	1191	1421.	1192	1400.	1193	1379.	1194	1357.
1195	1334.	1196	1311.	1197	1288.	1198	1265.	1199	1243.
1200	1220.	1201	1198.	1202	1176.	1203	1155.	1204	1134.
1205	1114.	1206	1095.	1207	1076.	1208	1058.	1209	1040.
1210	1024.	1211	1010.	1212	1009.	1213	1008.	1214	1007.
1215	1006.	1216	1005.	1217	1004.	1218	1002.	1219	1001.
1220	1000.	1221	998.	1222	997.	1223	995.	1224	993.
1225	992.	1226	990.	1227	989.	1228	987.	1229	985.
1230	984.	1231	982.	1232	980.	1233	978.	1234	977.
1235	975.	1236	973.	1237	971.	1238	969.	1239	967.
1240	966.	1241	964.	1242	962.	1243	960.	1244	958.
1245	956.	1246	954.	1247	951.	1248	949.	1249	947.
1250	945.	1251	943.	1252	940.	1253	938.	1254	936.
1255	933.	1256	931.	1257	928.	1258	926.	1259	924.
1260	921.	1261	919.	1262	917.	1263	915.	1264	912.
1265	910.	1266	908.	1267	906.	1268	904.	1269	902.
1270	899.	1271	897.	1272	895.	1273	893.	1274	891.
1275	888.	1276	886.	1277	884.	1278	881.	1279	878.
1280	874.	1281	870.	1282	866.	1283	861.	1284	857.
1285	853.	1286	849.	1287	844.	1288	840.	1289	836.
1290	832.	1291	827.	1292	823.	1293	819.	1294	815.
1295	811.	1296	807.	1297	803.	1298	799.	1299	795.
1300	791.	1310	753.	1320	708.	1330	650.	1340	578.
1350	513.	1360	452.	1370	397.	1380	351.	1390	315.
1400	286.	1420	243.	1440	176.	1460	161.	1500	145.

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 1535BD

ELEVATION	STORAGE	DISCHARGE
FT	ACFT	CFS
456.00	0.00	0.00
457.00	0.00	0.00
458.00	0.00	0.00
459.00	0.00	0.00
460.00	1.75	240.00
461.00	5.77	330.00
462.00	10.07	430.00
463.00	14.57	520.00
464.22	19.17	600.00
465.00	24.07	680.00
466.00	32.17	750.00
467.00	41.07	810.00
468.00	50.77	880.00
469.00	61.17	920.00
470.00	72.07	970.00
471.00	80.27	1010.00
472.00	95.87	2523.00

* HYDROGRAPH ADJUSTMENT FACTOR = 0.97400 HYDROGRAPH FATTENED AT 2275C *
* ADJUSTED HYDROGRAPH PEAK = 1177.65 RUNOFF FACTOR = 6.20 IN. *
* ADJUSTED HYDROGRAPH VOLUME = 164.19 AC. FT. *

CALLEGUA. 990
 ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 2275C STORM DAY 4 ADJUSTMENT FACTOR = 0.974

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	28.	200	34.	300	39.	400	41.
500	44.	600	47.	700	59.	800	66.	900	88.
1000	125.	1050	154.	1100	182.	1110	200.	1120	217.
1130	249.	1131	254.	1132	258.	1133	263.	1134	269.
1135	276.	1136	285.	1137	296.	1138	306.	1139	314.
1140	321.	1141	329.	1142	340.	1143	355.	1144	372.
1145	392.	1146	412.	1147	431.	1148	449.	1149	487.
1150	555.	1151	657.	1152	785.	1153	929.	1154	1056.
1155	1140.	1156	1178.	1157	1163.	1158	1115.	1159	1053.
1160	988.	1161	904.	1162	806.	1163	702.	1164	609.
1165	532.	1166	471.	1167	423.	1168	386.	1169	355.
1170	329.	1171	308.	1172	291.	1173	275.	1174	260.
1175	247.	1176	235.	1177	223.	1178	211.	1179	201.
1180	191.	1181	183.	1182	176.	1183	170.	1184	166.
1185	164.	1186	162.	1187	161.	1188	160.	1189	160.
1190	161.	1191	164.	1192	166.	1193	169.	1194	170.
1195	169.	1196	166.	1197	164.	1198	162.	1199	160.
1200	159.	1201	157.	1202	155.	1203	152.	1204	149.
1205	146.	1206	143.	1207	140.	1208	138.	1209	137.
1210	135.	1211	134.	1212	133.	1213	131.	1214	130.
1215	129.	1216	129.	1217	128.	1218	127.	1219	127.
1220	126.	1221	126.	1222	125.	1223	125.	1224	125.
1225	124.	1226	124.	1227	124.	1228	124.	1229	124.
1230	123.	1231	123.	1232	123.	1233	122.	1234	121.
1235	120.	1236	118.	1237	117.	1238	116.	1239	115.
1240	114.	1241	113.	1242	112.	1243	111.	1244	110.
1245	109.	1246	109.	1247	108.	1248	107.	1249	107.
1250	107.	1251	107.	1252	107.	1253	106.	1254	106.
1255	106.	1256	106.	1257	106.	1258	106.	1259	106.
1260	106.	1261	106.	1262	105.	1263	104.	1264	103.
1265	101.	1266	100.	1267	98.	1268	97.	1269	95.
1270	94.	1271	93.	1272	92.	1273	90.	1274	89.
1275	88.	1276	87.	1277	86.	1278	85.	1279	85.
1280	84.	1281	84.	1282	84.	1283	84.	1284	83.
1285	83.	1286	83.	1287	83.	1288	83.	1289	83.
1290	83.	1291	83.	1292	83.	1293	83.	1294	83.
1295	83.	1296	83.	1297	83.	1298	83.	1299	83.
1300	83.	1310	72.	1320	60.	1330	56.	1340	55.
1350	46.	1360	35.	1370	29.	1380	28.	1390	28.
1400	27.	1420	27.	1440	27.	1460	27.	1500	27.

 * HYDROGRAPH ADJUSTMENT FACTOR = 0.97400 HYDROGRAPH FATTENED AT 2275C *
 * ADJUSTED HYDROGRAPH PEAK = 1177.65 RUNOFF FACTOR = 6.20 IN. *
 * ADJUSTED HYDROGRAPH VOLUME = 184.95 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING
 HYDROGRAPH AT 15031 2275C STORM DAY 4 ADJUSTMENT FACTOR = 0.974

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	28.	200	35.	300	40.	400	42.
500	46.	600	49.	700	63.	800	71.	900	96.
1000	140.	1050	175.	1100	218.	1110	240.	1120	262.
1130	300.	1131	306.	1132	310.	1133	316.	1134	322.
1135	330.	1136	339.	1137	350.	1138	360.	1139	369.

CALLEGUA. 990									
1140	376.	1141	385.	1142	396.	1143	411.	1144	428.
1145	447.	1146	467.	1147	485.	1148	503.	1149	539.
1150	603.	1151	698.	1152	817.	1153	949.	1154	1066.
1155	1143.	1156	1178.	1157	1164.	1158	1120.	1159	1063.
1160	1003.	1161	926.	1162	835.	1163	738.	1164	652.
1165	580.	1166	522.	1167	477.	1168	441.	1169	411.
1170	387.	1171	366.	1172	349.	1173	333.	1174	319.
1175	306.	1176	293.	1177	281.	1178	269.	1179	258.
1180	248.	1181	240.	1182	232.	1183	226.	1184	222.
1185	218.	1186	216.	1187	214.	1188	212.	1189	211.
1190	212.	1191	214.	1192	215.	1193	217.	1194	218.
1195	216.	1196	213.	1197	210.	1198	208.	1199	206.
1200	204.	1201	202.	1202	199.	1203	196.	1204	192.
1205	188.	1206	185.	1207	182.	1208	180.	1209	178.
1210	176.	1211	174.	1212	172.	1213	171.	1214	169.
1215	168.	1216	167.	1217	166.	1218	164.	1219	163.
1220	162.	1221	162.	1222	161.	1223	160.	1224	159.
1225	159.	1226	158.	1227	158.	1228	157.	1229	157.
1230	156.	1231	156.	1232	155.	1233	154.	1234	153.
1235	151.	1236	149.	1237	148.	1238	146.	1239	145.
1240	144.	1241	143.	1242	141.	1243	140.	1244	139.
1245	138.	1246	137.	1247	136.	1248	135.	1249	135.
1250	134.	1251	134.	1252	133.	1253	133.	1254	133.
1255	132.	1256	132.	1257	132.	1258	132.	1259	131.
1260	131.	1261	130.	1262	130.	1263	129.	1264	127.
1265	125.	1266	123.	1267	122.	1268	120.	1269	118.
1270	117.	1271	116.	1272	114.	1273	113.	1274	111.
1275	110.	1276	109.	1277	108.	1278	107.	1279	107.
1280	106.	1281	105.	1282	105.	1283	105.	1284	104.
1285	104.	1286	104.	1287	104.	1288	103.	1289	103.
1290	103.	1291	103.	1292	103.	1293	102.	1294	102.
1295	102.	1296	102.	1297	102.	1298	102.	1299	102.
1300	102.	1310	89.	1320	76.	1330	72.	1340	70.
1350	59.	1360	48.	1370	41.	1380	39.	1390	39.
1400	38.	1420	37.	1440	36.	1460	35.	1500	34.

```

*****
*
* RESERVOIR ROUTING AT 2275C
* INCOMING HYDROGRAPH PEAK = 1177.65 INCOMING HYDROGRAPH VOLUME = 184.95 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR = 0.97400
* RESERVOIR INFLOW PEAK = 1177.65 TIME OF PEAK = 1156 VOLUME UNDER INFLOW HYDROGRAPH = 184.95 AC. FT.
* MAXIMUM ELEVATION = 807.05 TIME = 1174 SPILLAGE ELEVATION = 810.00 DIFFERENCE = -2.95
* SPILLED FROM **** TO 1237 FOR **** MINUTES
* RESERVOIR OUTFLOW PEAK = 325.48 TIME OF PEAK = 1174 VOLUME UNDER OUTFLOW HYDROGRAPH = 175.15 AC. FT.
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031 2275C					STORM DAY 4				
ADJUSTMENT FACTOR = 0.974									
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	9.	200	29.	300	37.	400	41.
500	43.	600	47.	700	54.	800	66.	900	80.
1000	113.	1050	149.	1100	186.	1110	200.	1120	210.
1130	215.	1131	216.	1132	217.	1133	218.	1134	218.
1135	219.	1136	220.	1137	221.	1138	223.	1139	224.
1140	225.	1141	227.	1142	228.	1143	230.	1144	232.
1145	234.	1146	236.	1147	237.	1148	239.	1149	240.

CALLEGUA. 990

1150	243.	1151	245.	1152	253.	1153	263.	1154	272.
1155	277.	1156	283.	1157	288.	1158	294.	1159	299.
1160	304.	1161	310.	1162	314.	1163	317.	1164	319.
1165	321.	1166	322.	1167	323.	1168	324.	1169	325.
1170	325.	1171	325.	1172	325.	1173	325.	1174	325.
1175	325.	1176	325.	1177	325.	1178	325.	1179	324.
1180	324.	1181	324.	1182	323.	1183	323.	1184	322.
1185	321.	1186	321.	1187	320.	1188	320.	1189	319.
1190	319.	1191	318.	1192	317.	1193	317.	1194	316.
1195	316.	1196	315.	1197	314.	1198	313.	1199	313.
1200	312.	1201	311.	1202	310.	1203	309.	1204	308.
1205	307.	1206	306.	1207	305.	1208	304.	1209	303.
1210	302.	1211	301.	1212	300.	1213	299.	1214	298.
1215	297.	1216	297.	1217	296.	1218	295.	1219	294.
1220	293.	1221	292.	1222	292.	1223	291.	1224	290.
1225	289.	1226	288.	1227	288.	1228	287.	1229	286.
1230	285.	1231	284.	1232	283.	1233	283.	1234	282.
1235	281.	1236	280.	1237	279.	1238	279.	1239	278.
1240	277.	1241	276.	1242	275.	1243	274.	1244	274.
1245	273.	1246	272.	1247	271.	1248	270.	1249	268.
1250	266.	1251	264.	1252	262.	1253	260.	1254	258.
1255	256.	1256	254.	1257	252.	1258	250.	1259	249.
1260	247.	1261	245.	1262	244.	1263	244.	1264	243.
1265	242.	1266	241.	1267	241.	1268	240.	1269	239.
1270	238.	1271	238.	1272	237.	1273	236.	1274	235.
1275	234.	1276	233.	1277	232.	1278	231.	1279	229.
1280	228.	1281	227.	1282	226.	1283	225.	1284	224.
1285	223.	1286	222.	1287	221.	1288	220.	1289	219.
1290	218.	1291	217.	1292	216.	1293	215.	1294	214.
1295	213.	1296	212.	1297	211.	1298	210.	1299	207.
1300	204.	1310	168.	1320	136.	1330	112.	1340	95.
1350	84.	1360	75.	1370	65.	1380	57.	1390	51.
1400	47.	1420	42.	1440	39.	1460	37.	1500	35.

STORAGE - DI SCHARGE TABLE FOR HYDROGRAPH AT 2275C

ELEVATION FT	DI SCHARGE STORAGE ACFT	DI SCHARGE CFS
794.00	0.00	0.00
795.00	1.64	30.00
796.00	3.55	84.90
797.00	5.46	155.90
797.71	6.82	200.00
798.00	7.37	210.00
799.00	9.28	222.00
800.00	11.19	235.00
801.00	13.37	245.00
802.00	15.56	270.00
803.00	17.75	280.00
804.00	19.94	290.00
805.00	22.12	300.00
806.00	24.61	315.00
807.00	27.09	325.00
808.00	29.58	335.00
809.00	32.06	345.00
810.00	34.55	350.00
815.00	48.57	390.00

CALLEGUA. 990

 * HYDROGRAPH FATTENED AT 2300BC *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.88000 RUNOFF FACTOR = 4.06 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 1370.37 ADJUSTED HYDROGRAPH VOLUME = 363.05 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 2300BC STORM DAY 4 ADJUSTMENT FACTOR = 0.880

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	18.	200	24.	300	34.	400	41.
500	49.	600	59.	700	85.	800	115.	900	169.
1000	276.	1050	352.	1100	442.	1110	470.	1120	498.
1130	548.	1131	555.	1132	560.	1133	568.	1134	576.
1135	584.	1136	593.	1137	600.	1138	608.	1139	615.
1140	623.	1141	636.	1142	650.	1143	665.	1144	680.
1145	695.	1146	712.	1147	729.	1148	747.	1149	791.
1150	849.	1151	916.	1152	986.	1153	1054.	1154	1096.
1155	1129.	1156	1160.	1157	1193.	1158	1235.	1159	1273.
1160	1299.	1161	1314.	1162	1314.	1163	1307.	1164	1305.
1165	1293.	1166	1290.	1167	1295.	1168	1303.	1169	1305.
1170	1321.	1171	1335.	1172	1349.	1173	1358.	1174	1363.
1175	1367.	1176	1370.	1177	1369.	1178	1365.	1179	1357.
1180	1345.	1181	1331.	1182	1314.	1183	1298.	1184	1278.
1185	1256.	1186	1232.	1187	1206.	1188	1179.	1189	1154.
1190	1130.	1191	1105.	1192	1078.	1193	1052.	1194	1025.
1195	1000.	1196	977.	1197	955.	1198	934.	1199	914.
1200	894.	1201	876.	1202	856.	1203	836.	1204	818.
1205	800.	1206	783.	1207	768.	1208	753.	1209	738.
1210	724.	1211	711.	1212	698.	1213	687.	1214	675.
1215	665.	1216	655.	1217	645.	1218	636.	1219	627.
1220	618.	1221	611.	1222	603.	1223	596.	1224	589.
1225	582.	1226	574.	1227	567.	1228	561.	1229	554.
1230	548.	1231	541.	1232	534.	1233	527.	1234	521.
1235	514.	1236	508.	1237	502.	1238	495.	1239	490.
1240	484.	1241	477.	1242	471.	1243	466.	1244	460.
1245	454.	1246	449.	1247	444.	1248	439.	1249	434.
1250	429.	1251	425.	1252	421.	1253	417.	1254	413.
1255	409.	1256	404.	1257	400.	1258	396.	1259	392.
1260	388.	1261	384.	1262	379.	1263	375.	1264	370.
1265	366.	1266	362.	1267	357.	1268	353.	1269	349.
1270	344.	1271	340.	1272	336.	1273	333.	1274	329.
1275	326.	1276	323.	1277	320.	1278	317.	1279	313.
1280	310.	1281	307.	1282	304.	1283	301.	1284	298.
1285	296.	1286	293.	1287	290.	1288	288.	1289	285.
1290	282.	1291	280.	1292	278.	1293	276.	1294	273.
1295	271.	1296	269.	1297	267.	1298	265.	1299	263.
1300	261.	1310	233.	1320	210.	1330	190.	1340	172.
1350	153.	1360	134.	1370	116.	1380	102.	1390	89.
1400	77.	1420	59.	1440	45.	1460	36.	1500	27.

 * HYDROGRAPH FATTENED AT 2300BC *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.88000 RUNOFF FACTOR = 4.06 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 1370.37 ADJUSTED HYDROGRAPH VOLUME = 544.79 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING
 HYDROGRAPH AT 15031 2300BC STORM DAY 4 ADJUSTMENT FACTOR = 0.880

CALLEGUA. 990									
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	23.	200	36.	300	49.	400	59.
500	71.	600	88.	700	125.	800	171.	900	255.
1000	416.	1050	540.	1100	708.	1110	754.	1120	803.
1130	867.	1131	875.	1132	882.	1133	890.	1134	898.
1135	906.	1136	915.	1137	923.	1138	931.	1139	938.
1140	947.	1141	957.	1142	969.	1143	980.	1144	992.
1145	1004.	1146	1016.	1147	1029.	1148	1042.	1149	1068.
1150	1101.	1151	1138.	1152	1176.	1153	1212.	1154	1235.
1155	1253.	1156	1269.	1157	1286.	1158	1307.	1159	1325.
1160	1338.	1161	1345.	1162	1345.	1163	1343.	1164	1342.
1165	1338.	1166	1337.	1167	1339.	1168	1343.	1169	1344.
1170	1351.	1171	1357.	1172	1362.	1173	1366.	1174	1368.
1175	1369.	1176	1370.	1177	1370.	1178	1369.	1179	1366.
1180	1361.	1181	1355.	1182	1348.	1183	1342.	1184	1333.
1185	1324.	1186	1313.	1187	1301.	1188	1288.	1189	1276.
1190	1265.	1191	1252.	1192	1238.	1193	1224.	1194	1210.
1195	1196.	1196	1183.	1197	1170.	1198	1158.	1199	1145.
1200	1133.	1201	1121.	1202	1109.	1203	1096.	1204	1084.
1205	1072.	1206	1060.	1207	1049.	1208	1038.	1209	1027.
1210	1016.	1211	1006.	1212	996.	1213	986.	1214	977.
1215	967.	1216	959.	1217	950.	1218	941.	1219	933.
1220	925.	1221	918.	1222	910.	1223	902.	1224	895.
1225	888.	1226	880.	1227	873.	1228	866.	1229	859.
1230	852.	1231	845.	1232	837.	1233	830.	1234	823.
1235	816.	1236	809.	1237	802.	1238	795.	1239	789.
1240	782.	1241	775.	1242	768.	1243	762.	1244	755.
1245	749.	1246	742.	1247	736.	1248	730.	1249	724.
1250	718.	1251	713.	1252	708.	1253	702.	1254	697.
1255	691.	1256	686.	1257	681.	1258	675.	1259	670.
1260	665.	1261	659.	1262	654.	1263	648.	1264	643.
1265	637.	1266	632.	1267	626.	1268	621.	1269	615.
1270	610.	1271	605.	1272	600.	1273	595.	1274	590.
1275	586.	1276	581.	1277	577.	1278	572.	1279	568.
1280	564.	1281	559.	1282	555.	1283	551.	1284	547.
1285	543.	1286	539.	1287	535.	1288	531.	1289	527.
1290	523.	1291	519.	1292	516.	1293	512.	1294	509.
1295	505.	1296	502.	1297	499.	1298	495.	1299	492.
1300	488.	1310	451.	1320	417.	1330	387.	1340	359.
1350	332.	1360	306.	1370	281.	1380	259.	1390	239.
1400	221.	1420	191.	1440	166.	1460	148.	1500	123.

* HYDROGRAPH FATTENED AT 2333C *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.88000 RUNOFF FACTOR = 7.14 IN. *
* ADJUSTED HYDROGRAPH PEAK = 2147.00 ADJUSTED HYDROGRAPH VOLUME = 495.09 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING									
HYDROGRAPH AT 15031 2333C		STORM DAY 4		ADJUSTMENT FACTOR = 0.880					
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	107.	200	127.	300	141.	400	146.
500	158.	600	165.	700	195.	800	213.	900	265.
1000	354.	1050	419.	1100	486.	1110	517.	1120	553.
1130	622.	1131	632.	1132	639.	1133	647.	1134	658.
1135	670.	1136	684.	1137	698.	1138	712.	1139	727.
1140	742.	1141	760.	1142	782.	1143	804.	1144	828.
1145	854.	1146	883.	1147	916.	1148	951.	1149	1008.

CALLEGUA. 990									
1150	1102.	1151	1219.	1152	1353.	1153	1506.	1154	1657.
1155	1790.	1156	1921.	1157	2034.	1158	2104.	1159	2139.
1160	2147.	1161	2135.	1162	2112.	1163	2096.	1164	2069.
1165	2012.	1166	1928.	1167	1822.	1168	1704.	1169	1580.
1170	1457.	1171	1335.	1172	1221.	1173	1113.	1174	1015.
1175	928.	1176	850.	1177	782.	1178	727.	1179	680.
1180	638.	1181	602.	1182	574.	1183	552.	1184	535.
1185	519.	1186	506.	1187	496.	1188	488.	1189	482.
1190	479.	1191	476.	1192	470.	1193	465.	1194	460.
1195	456.	1196	452.	1197	448.	1198	443.	1199	438.
1200	435.	1201	435.	1202	435.	1203	434.	1204	433.
1205	431.	1206	429.	1207	425.	1208	422.	1209	417.
1210	413.	1211	409.	1212	405.	1213	401.	1214	396.
1215	391.	1216	386.	1217	383.	1218	379.	1219	375.
1220	372.	1221	370.	1222	367.	1223	365.	1224	364.
1225	362.	1226	361.	1227	360.	1228	359.	1229	358.
1230	357.	1231	356.	1232	355.	1233	353.	1234	351.
1235	350.	1236	348.	1237	347.	1238	345.	1239	343.
1240	341.	1241	340.	1242	339.	1243	337.	1244	336.
1245	334.	1246	332.	1247	330.	1248	328.	1249	326.
1250	324.	1251	322.	1252	321.	1253	319.	1254	318.
1255	316.	1256	315.	1257	314.	1258	314.	1259	313.
1260	313.	1261	312.	1262	311.	1263	309.	1264	308.
1265	306.	1266	304.	1267	302.	1268	301.	1269	299.
1270	297.	1271	295.	1272	294.	1273	292.	1274	290.
1275	288.	1276	285.	1277	282.	1278	280.	1279	277.
1280	275.	1281	272.	1282	270.	1283	268.	1284	266.
1285	264.	1286	262.	1287	261.	1288	260.	1289	259.
1290	258.	1291	257.	1292	257.	1293	256.	1294	256.
1295	256.	1296	256.	1297	256.	1298	255.	1299	256.
1300	256.	1310	237.	1320	213.	1330	197.	1340	188.
1350	165.	1360	137.	1370	121.	1380	108.	1390	107.
1400	107.	1420	107.	1440	107.	1460	107.	1500	107.

* HYDROGRAPH FATTENED AT 2333C *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.88000 RUNOFF FACTOR = 7.14 IN. *
* ADJUSTED HYDROGRAPH PEAK = 2147.00 ADJUSTED HYDROGRAPH VOLUME = 554.89 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031 2333C		STORM DAY 4		ADJUSTMENT FACTOR = 0.880					
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	108.	200	130.	300	145.	400	151.
500	163.	600	172.	700	205.	800	227.	900	288.
1000	396.	1050	480.	1100	586.	1110	628.	1120	677.
1130	759.	1131	770.	1132	778.	1133	788.	1134	799.
1135	813.	1136	827.	1137	843.	1138	858.	1139	873.
1140	889.	1141	907.	1142	929.	1143	952.	1144	975.
1145	1001.	1146	1029.	1147	1060.	1148	1093.	1149	1146.
1150	1231.	1151	1335.	1152	1454.	1153	1589.	1154	1722.
1155	1838.	1156	1952.	1157	2050.	1158	2110.	1159	2140.
1160	2147.	1161	2136.	1162	2117.	1163	2103.	1164	2079.
1165	2031.	1166	1957.	1167	1864.	1168	1761.	1169	1652.
1170	1542.	1171	1435.	1172	1332.	1173	1236.	1174	1147.
1175	1068.	1176	997.	1177	934.	1178	883.	1179	838.
1180	798.	1181	764.	1182	736.	1183	714.	1184	696.
1185	680.	1186	666.	1187	655.	1188	645.	1189	637.
1190	632.	1191	627.	1192	621.	1193	613.	1194	607.

CALLEGUA. 990									
1195	601.	1196	596.	1197	590.	1198	584.	1199	577.
1200	573.	1201	571.	1202	569.	1203	567.	1204	564.
1205	561.	1206	557.	1207	552.	1208	547.	1209	542.
1210	536.	1211	531.	1212	526.	1213	521.	1214	515.
1215	509.	1216	503.	1217	498.	1218	493.	1219	489.
1220	484.	1221	481.	1222	477.	1223	474.	1224	472.
1225	469.	1226	467.	1227	464.	1228	462.	1229	460.
1230	458.	1231	456.	1232	454.	1233	452.	1234	449.
1235	446.	1236	444.	1237	441.	1238	438.	1239	436.
1240	433.	1241	431.	1242	429.	1243	427.	1244	425.
1245	422.	1246	419.	1247	417.	1248	414.	1249	411.
1250	409.	1251	406.	1252	404.	1253	401.	1254	399.
1255	397.	1256	396.	1257	394.	1258	392.	1259	391.
1260	390.	1261	388.	1262	387.	1263	385.	1264	383.
1265	380.	1266	378.	1267	375.	1268	373.	1269	371.
1270	368.	1271	366.	1272	364.	1273	362.	1274	359.
1275	356.	1276	354.	1277	350.	1278	347.	1279	344.
1280	341.	1281	338.	1282	335.	1283	333.	1284	330.
1285	328.	1286	326.	1287	324.	1288	323.	1289	321.
1290	320.	1291	319.	1292	318.	1293	317.	1294	316.
1295	316.	1296	315.	1297	314.	1298	314.	1299	314.
1300	313.	1310	291.	1320	264.	1330	245.	1340	233.
1350	208.	1360	179.	1370	160.	1380	145.	1390	142.
1400	140.	1420	137.	1440	134.	1460	132.	1500	128.

 * HYDROGRAPH FATTENED AT 2363CE *
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.0000 RUNOFF FACTOR = 4.66 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 689.14 ADJUSTED HYDROGRAPH VOLUME = 63.15 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING									
HYDROGRAPH AT 15031		2363CE		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	7.	200	7.	300	11.	400	12.
500	14.	600	17.	700	20.	800	23.	900	31.
1000	47.	1050	64.	1100	73.	1110	100.	1120	104.
1130	133.	1131	138.	1132	142.	1133	146.	1134	150.
1135	155.	1136	157.	1137	161.	1138	165.	1139	169.
1140	174.	1141	182.	1142	189.	1143	196.	1144	205.
1145	219.	1146	232.	1147	248.	1148	266.	1149	306.
1150	359.	1151	398.	1152	495.	1153	583.	1154	645.
1155	678.	1156	689.	1157	664.	1158	609.	1159	547.
1160	496.	1161	407.	1162	338.	1163	281.	1164	234.
1165	196.	1166	167.	1167	145.	1168	129.	1169	118.
1170	108.	1171	102.	1172	97.	1173	91.	1174	88.
1175	84.	1176	81.	1177	78.	1178	74.	1179	72.
1180	69.	1181	67.	1182	66.	1183	64.	1184	62.
1185	62.	1186	61.	1187	60.	1188	60.	1189	60.
1190	60.	1191	60.	1192	60.	1193	61.	1194	61.
1195	61.	1196	61.	1197	61.	1198	61.	1199	60.
1200	60.	1201	59.	1202	58.	1203	57.	1204	56.
1205	54.	1206	53.	1207	51.	1208	50.	1209	49.
1210	48.	1211	46.	1212	46.	1213	46.	1214	45.
1215	45.	1216	45.	1217	45.	1218	44.	1219	44.
1220	45.	1221	45.	1222	45.	1223	45.	1224	45.
1225	45.	1226	45.	1227	45.	1228	45.	1229	45.
1230	45.	1231	45.	1232	45.	1233	45.	1234	44.

CALLEGUA. 990									
1235	44.	1236	44.	1237	43.	1238	43.	1239	43.
1240	43.	1241	43.	1242	42.	1243	42.	1244	42.
1245	42.	1246	42.	1247	42.	1248	42.	1249	42.
1250	42.	1251	42.	1252	42.	1253	42.	1254	42.
1255	42.	1256	42.	1257	42.	1258	42.	1259	42.
1260	42.	1261	42.	1262	41.	1263	41.	1264	40.
1265	39.	1266	38.	1267	37.	1268	36.	1269	35.
1270	34.	1271	33.	1272	33.	1273	33.	1274	32.
1275	32.	1276	32.	1277	32.	1278	31.	1279	31.
1280	32.	1281	32.	1282	31.	1283	31.	1284	32.
1285	32.	1286	31.	1287	31.	1288	32.	1289	32.
1290	31.	1291	31.	1292	32.	1293	31.	1294	31.
1295	31.	1296	32.	1297	32.	1298	31.	1299	31.
1300	32.	1310	23.	1320	18.	1330	18.	1340	18.
1350	11.	1360	7.	1370	7.	1380	7.	1390	7.
1400	7.	1420	6.	1440	6.	1460	6.	1500	6.

 * HYDROGRAPH FATTENED AT 2363CE *
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 4.66 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 689.14 ADJUSTED HYDROGRAPH VOLUME = 79.98 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING
 HYDROGRAPH AT 15031 2363CE STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	7.	200	8.	300	12.	400	13.
500	16.	600	19.	700	22.	800	27.	900	38.
1000	58.	1050	82.	1100	103.	1110	132.	1120	141.
1130	173.	1131	179.	1132	183.	1133	187.	1134	192.
1135	196.	1136	199.	1137	204.	1138	208.	1139	213.
1140	218.	1141	226.	1142	233.	1143	241.	1144	249.
1145	262.	1146	275.	1147	290.	1148	307.	1149	344.
1150	392.	1151	428.	1152	515.	1153	594.	1154	650.
1155	680.	1156	689.	1157	666.	1158	618.	1159	562.
1160	516.	1161	437.	1162	373.	1163	322.	1164	279.
1165	244.	1166	217.	1167	196.	1168	180.	1169	170.
1170	160.	1171	154.	1172	148.	1173	142.	1174	138.
1175	134.	1176	131.	1177	127.	1178	122.	1179	120.
1180	117.	1181	114.	1182	112.	1183	109.	1184	108.
1185	106.	1186	105.	1187	104.	1188	103.	1189	102.
1190	102.	1191	101.	1192	101.	1193	101.	1194	100.
1195	100.	1196	99.	1197	99.	1198	98.	1199	97.
1200	96.	1201	95.	1202	94.	1203	92.	1204	91.
1205	89.	1206	87.	1207	85.	1208	84.	1209	82.
1210	81.	1211	79.	1212	78.	1213	78.	1214	77.
1215	76.	1216	76.	1217	75.	1218	75.	1219	74.
1220	74.	1221	74.	1222	73.	1223	73.	1224	73.
1225	73.	1226	72.	1227	72.	1228	72.	1229	72.
1230	71.	1231	71.	1232	71.	1233	70.	1234	70.
1235	69.	1236	69.	1237	68.	1238	68.	1239	67.
1240	67.	1241	66.	1242	66.	1243	66.	1244	65.
1245	65.	1246	65.	1247	65.	1248	64.	1249	64.
1250	64.	1251	64.	1252	63.	1253	63.	1254	63.
1255	63.	1256	63.	1257	63.	1258	62.	1259	62.
1260	62.	1261	62.	1262	61.	1263	60.	1264	59.
1265	58.	1266	57.	1267	56.	1268	55.	1269	54.
1270	53.	1271	52.	1272	51.	1273	51.	1274	50.
1275	50.	1276	50.	1277	49.	1278	49.	1279	49.

CALLEGUA. 990									
1280	49.	1281	49.	1282	48.	1283	48.	1284	48.
1285	48.	1286	48.	1287	48.	1288	48.	1289	48.
1290	47.	1291	47.	1292	47.	1293	47.	1294	47.
1295	46.	1296	47.	1297	47.	1298	46.	1299	46.
1300	46.	1310	36.	1320	31.	1330	30.	1340	29.
1350	22.	1360	18.	1370	16.	1380	16.	1390	15.
1400	15.	1420	14.	1440	13.	1460	12.	1500	11.

```

*****
*
*          RESERVOIR ROUTING AT 2363CE
* INCOMING HYDROGRAPH PEAK = 689.14          INCOMING HYDROGRAPH VOLUME = 79.98 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000
* RESERVOIR INFLOW PEAK = 689.14 TIME OF PEAK = 1156 VOLUME UNDER INFLOW HYDROGRAPH = 79.98 AC. FT.
* MAXIMUM ELEVATION = 900.98 TIME = 1168 SPILLAGE ELEVATION = 900.10 DIFFERENCE = +0.88
* SPILLED FROM 1159 TO 1193 FOR 35 MINUTES
* RESERVOIR OUTFLOW PEAK = 180.78 TIME OF PEAK = 1168 VOLUME UNDER OUTFLOW HYDROGRAPH = 75.73 AC. FT.
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031 2363CE					STORM DAY 4				
ADJUSTMENT FACTOR = 1.000									
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	7.	300	10.	400	13.
500	14.	600	17.	700	20.	800	24.	900	31.
1000	47.	1050	67.	1100	89.	1110	102.	1120	121.
1130	136.	1131	137.	1132	137.	1133	138.	1134	139.
1135	139.	1136	140.	1137	141.	1138	142.	1139	143.
1140	144.	1141	145.	1142	146.	1143	147.	1144	149.
1145	150.	1146	151.	1147	152.	1148	153.	1149	154.
1150	155.	1151	157.	1152	158.	1153	161.	1154	163.
1155	166.	1156	169.	1157	172.	1158	174.	1159	176.
1160	177.	1161	178.	1162	179.	1163	180.	1164	180.
1165	180.	1166	181.	1167	181.	1168	181.	1169	181.
1170	181.	1171	181.	1172	181.	1173	180.	1174	180.
1175	180.	1176	180.	1177	180.	1178	179.	1179	179.
1180	179.	1181	179.	1182	179.	1183	178.	1184	178.
1185	178.	1186	178.	1187	177.	1188	177.	1189	177.
1190	176.	1191	176.	1192	176.	1193	176.	1194	175.
1195	175.	1196	175.	1197	174.	1198	174.	1199	174.
1200	173.	1201	173.	1202	172.	1203	172.	1204	171.
1205	171.	1206	171.	1207	170.	1208	170.	1209	169.
1210	169.	1211	168.	1212	168.	1213	167.	1214	167.
1215	166.	1216	166.	1217	165.	1218	165.	1219	164.
1220	164.	1221	164.	1222	163.	1223	163.	1224	162.
1225	162.	1226	161.	1227	160.	1228	160.	1229	159.
1230	159.	1231	158.	1232	158.	1233	157.	1234	157.
1235	156.	1236	156.	1237	155.	1238	155.	1239	154.
1240	154.	1241	153.	1242	152.	1243	152.	1244	151.
1245	151.	1246	150.	1247	149.	1248	148.	1249	147.
1250	146.	1251	145.	1252	144.	1253	143.	1254	142.
1255	140.	1256	139.	1257	138.	1258	137.	1259	136.
1260	132.	1261	127.	1262	122.	1263	117.	1264	112.
1265	108.	1266	104.	1267	100.	1268	97.	1269	93.
1270	90.	1271	87.	1272	85.	1273	82.	1274	80.
1275	78.	1276	76.	1277	74.	1278	72.	1279	71.
1280	69.	1281	68.	1282	66.	1283	65.	1284	64.
1285	63.	1286	62.	1287	61.	1288	60.	1289	59.

CALLEGUA. 990										
1290	58.	1291	57.	1292	57.	1293	56.	1294	55.	
1295	55.	1296	54.	1297	54.	1298	53.	1299	53.	
1300	52.	1310	48.	1320	41.	1330	36.	1340	33.	
1350	30.	1360	25.	1370	21.	1380	19.	1390	17.	
1400	16.	1420	15.	1440	14.	1460	13.	1500	12.	

STORAGE - DI SCHARGE TABLE FOR HYDROGRAPH AT 2363CE

ELEVATION	STORAGE	DI SCHARGE
FT	ACFT	CFS
892.00	0.00	0.00
894.00	1.63	86.00
894.73	2.46	135.80
896.00	3.90	150.25
898.00	6.70	162.61
900.00	9.93	174.97
905.00	20.93	204.49

 * HYDROGRAPH FATTENED AT 2369DE *
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 4.97 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 157.52 ADJUSTED HYDROGRAPH VOLUME = 12.14 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 2369DE STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	2.	400	2.
500	3.	600	3.	700	4.	800	5.	900	6.
1000	9.	1050	13.	1100	14.	1110	21.	1120	20.
1130	28.	1131	29.	1132	29.	1133	30.	1134	31.
1135	32.	1136	33.	1137	34.	1138	35.	1139	36.
1140	37.	1141	39.	1142	40.	1143	42.	1144	45.
1145	48.	1146	52.	1147	56.	1148	60.	1149	72.
1150	89.	1151	97.	1152	124.	1153	147.	1154	154.
1155	158.	1156	155.	1157	132.	1158	110.	1159	98.
1160	69.	1161	44.	1162	37.	1163	30.	1164	29.
1165	25.	1166	24.	1167	22.	1168	20.	1169	20.
1170	19.	1171	18.	1172	17.	1173	16.	1174	15.
1175	15.	1176	15.	1177	13.	1178	13.	1179	13.
1180	12.	1181	12.	1182	12.	1183	12.	1184	12.
1185	12.	1186	12.	1187	12.	1188	12.	1189	12.
1190	12.	1191	12.	1192	12.	1193	11.	1194	12.
1195	12.	1196	11.	1197	11.	1198	12.	1199	12.
1200	12.	1201	11.	1202	11.	1203	11.	1204	10.
1205	10.	1206	9.	1207	9.	1208	9.	1209	9.
1210	8.	1211	8.	1212	8.	1213	8.	1214	8.
1215	8.	1216	8.	1217	9.	1218	8.	1219	9.
1220	9.	1221	9.	1222	9.	1223	9.	1224	9.
1225	9.	1226	9.	1227	9.	1228	9.	1229	9.
1230	9.	1231	9.	1232	9.	1233	8.	1234	8.
1235	8.	1236	8.	1237	8.	1238	8.	1239	8.
1240	8.	1241	8.	1242	8.	1243	8.	1244	8.
1245	8.	1246	8.	1247	8.	1248	8.	1249	8.
1250	8.	1251	8.	1252	8.	1253	8.	1254	8.
1255	8.	1256	8.	1257	8.	1258	8.	1259	8.
1260	8.	1261	8.	1262	8.	1263	8.	1264	8.

CALLEGUA. 990									
1265	7.	1266	7.	1267	7.	1268	6.	1269	6.
1270	6.	1271	6.	1272	6.	1273	6.	1274	6.
1275	6.	1276	6.	1277	6.	1278	6.	1279	6.
1280	6.	1281	6.	1282	6.	1283	6.	1284	6.
1285	6.	1286	6.	1287	6.	1288	6.	1289	6.
1290	6.	1291	6.	1292	6.	1293	6.	1294	6.
1295	6.	1296	6.	1297	6.	1298	6.	1299	6.
1300	6.	1310	4.	1320	3.	1330	4.	1340	3.
1350	2.	1360	1.	1370	1.	1380	1.	1390	1.
1400	1.	1420	1.	1440	1.	1460	1.	1500	1.

 * HYDROGRAPH FATTENED AT 2369DE *
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 4.97 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 157.52 ADJUSTED HYDROGRAPH VOLUME = 17.39 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING
 HYDROGRAPH AT 15031 2369DE STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	2.	400	2.
500	3.	600	4.	700	5.	800	6.	900	8.
1000	13.	1050	18.	1100	24.	1110	31.	1120	32.
1130	41.	1131	42.	1132	42.	1133	43.	1134	44.
1135	46.	1136	46.	1137	47.	1138	48.	1139	50.
1140	51.	1141	53.	1142	54.	1143	56.	1144	59.
1145	62.	1146	65.	1147	69.	1148	73.	1149	84.
1150	99.	1151	105.	1152	129.	1153	148.	1154	155.
1155	158.	1156	155.	1157	136.	1158	117.	1159	106.
1160	81.	1161	59.	1162	53.	1163	47.	1164	45.
1165	42.	1166	40.	1167	39.	1168	37.	1169	36.
1170	35.	1171	34.	1172	33.	1173	31.	1174	31.
1175	31.	1176	30.	1177	28.	1178	28.	1179	28.
1180	27.	1181	26.	1182	26.	1183	26.	1184	25.
1185	25.	1186	25.	1187	25.	1188	25.	1189	25.
1190	24.	1191	24.	1192	24.	1193	24.	1194	24.
1195	24.	1196	23.	1197	23.	1198	23.	1199	23.
1200	23.	1201	22.	1202	22.	1203	21.	1204	21.
1205	21.	1206	20.	1207	20.	1208	19.	1209	19.
1210	19.	1211	18.	1212	18.	1213	18.	1214	18.
1215	18.	1216	18.	1217	18.	1218	18.	1219	18.
1220	18.	1221	18.	1222	17.	1223	17.	1224	17.
1225	17.	1226	17.	1227	17.	1228	17.	1229	17.
1230	17.	1231	17.	1232	17.	1233	16.	1234	16.
1235	16.	1236	16.	1237	16.	1238	16.	1239	16.
1240	15.	1241	15.	1242	15.	1243	15.	1244	15.
1245	15.	1246	15.	1247	15.	1248	15.	1249	15.
1250	15.	1251	15.	1252	15.	1253	15.	1254	15.
1255	14.	1256	14.	1257	15.	1258	14.	1259	14.
1260	14.	1261	14.	1262	14.	1263	14.	1264	13.
1265	13.	1266	13.	1267	13.	1268	12.	1269	12.
1270	12.	1271	12.	1272	12.	1273	12.	1274	12.
1275	12.	1276	12.	1277	12.	1278	12.	1279	12.
1280	12.	1281	11.	1282	11.	1283	11.	1284	11.
1285	11.	1286	11.	1287	11.	1288	11.	1289	11.
1290	11.	1291	11.	1292	11.	1293	11.	1294	11.
1295	11.	1296	11.	1297	11.	1298	11.	1299	11.
1300	11.	1310	8.	1320	7.	1330	7.	1340	7.
1350	5.	1360	4.	1370	4.	1380	4.	1390	4.

1400 3. 1420 3. CALLEGUA. 990 1440 3. 1460 3. 1500 3.

```

*****
*
*          RESERVOIR ROUTING AT 2371CD
* INCOMING HYDROGRAPH PEAK = 321.11 INCOMING HYDROGRAPH VOLUME = 93.12 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000
* RESERVOIR INFLOW PEAK = 321.11 TIME OF PEAK = 1156 VOLUME UNDER INFLOW HYDROGRAPH = 93.12 AC. FT.
* MAXIMUM ELEVATION = 882.70 TIME = 1261 SPILLAGE ELEVATION = 882.00 DIFFERENCE = +0.70
* SPILLED FROM 1206 TO 1290 FOR 85 MINUTES
* RESERVOIR OUTFLOW PEAK = 148.13 TIME OF PEAK = 1261 VOLUME UNDER OUTFLOW HYDROGRAPH = 88.87 AC. FT.
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING
 HYDROGRAPH AT 15031 2371CD STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	6.	300	10.	400	13.
500	16.	600	19.	700	23.	800	27.	900	35.
1000	49.	1050	67.	1100	87.	1110	93.	1120	101.
1130	108.	1131	109.	1132	110.	1133	110.	1134	111.
1135	112.	1136	113.	1137	114.	1138	115.	1139	116.
1140	117.	1141	117.	1142	118.	1143	119.	1144	120.
1145	121.	1146	122.	1147	122.	1148	123.	1149	123.
1150	124.	1151	125.	1152	126.	1153	127.	1154	128.
1155	129.	1156	130.	1157	131.	1158	132.	1159	132.
1160	133.	1161	134.	1162	134.	1163	134.	1164	135.
1165	135.	1166	135.	1167	136.	1168	136.	1169	136.
1170	137.	1171	137.	1172	137.	1173	137.	1174	138.
1175	138.	1176	138.	1177	139.	1178	139.	1179	139.
1180	139.	1181	140.	1182	140.	1183	140.	1184	140.
1185	140.	1186	141.	1187	141.	1188	141.	1189	141.
1190	142.	1191	142.	1192	142.	1193	142.	1194	142.
1195	143.	1196	143.	1197	143.	1198	143.	1199	143.
1200	144.	1201	144.	1202	144.	1203	144.	1204	144.
1205	145.	1206	145.	1207	145.	1208	145.	1209	145.
1210	145.	1211	145.	1212	145.	1213	145.	1214	146.
1215	146.	1216	146.	1217	146.	1218	146.	1219	146.
1220	146.	1221	146.	1222	146.	1223	146.	1224	146.
1225	147.	1226	147.	1227	147.	1228	147.	1229	147.
1230	147.	1231	147.	1232	147.	1233	147.	1234	147.
1235	147.	1236	147.	1237	147.	1238	147.	1239	147.
1240	147.	1241	148.	1242	148.	1243	148.	1244	148.
1245	148.	1246	148.	1247	148.	1248	148.	1249	148.
1250	148.	1251	148.	1252	148.	1253	148.	1254	148.
1255	148.	1256	148.	1257	148.	1258	148.	1259	148.
1260	148.	1261	148.	1262	148.	1263	148.	1264	148.
1265	148.	1266	148.	1267	148.	1268	148.	1269	148.
1270	148.	1271	148.	1272	147.	1273	147.	1274	147.
1275	147.	1276	147.	1277	147.	1278	147.	1279	147.
1280	146.	1281	146.	1282	146.	1283	146.	1284	146.
1285	146.	1286	145.	1287	145.	1288	145.	1289	145.
1290	145.	1291	144.	1292	144.	1293	144.	1294	144.
1295	143.	1296	143.	1297	143.	1298	142.	1299	142.
1300	142.	1310	139.	1320	136.	1330	132.	1340	128.
1350	123.	1360	115.	1370	105.	1380	91.	1390	76.
1400	53.	1420	19.	1440	18.	1460	17.	1500	15.

CALLEGUA. 990

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 2371CD

ELEVATION FT	STORAGE ACFT	DISCHARGE CFS
870.00	0.00	0.00
872.00	0.20	51.15
874.00	0.92	78.97
876.00	2.36	101.91
878.00	4.55	120.99
880.00	7.71	133.70
882.00	11.86	144.71
887.00	25.99	169.20

 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 2392D *
 * ADJUSTED HYDROGRAPH PEAK = 423.14 RUNOFF FACTOR = 4.91 I.N. *
 * ADJUSTED HYDROGRAPH VOLUME = 45.57 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 2392D STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	7.	200	9.	300	11.	400	11.
500	13.	600	14.	700	17.	800	18.	900	24.
1000	32.	1050	42.	1100	49.	1110	62.	1120	65.
1130	80.	1131	84.	1132	86.	1133	88.	1134	90.
1135	93.	1136	95.	1137	97.	1138	100.	1139	103.
1140	106.	1141	109.	1142	114.	1143	120.	1144	126.
1145	134.	1146	143.	1147	152.	1148	161.	1149	183.
1150	219.	1151	253.	1152	310.	1153	375.	1154	413.
1155	423.	1156	420.	1157	387.	1158	341.	1159	294.
1160	251.	1161	216.	1162	182.	1163	152.	1164	127.
1165	106.	1166	90.	1167	79.	1168	72.	1169	67.
1170	63.	1171	60.	1172	58.	1173	56.	1174	54.
1175	53.	1176	51.	1177	50.	1178	48.	1179	47.
1180	46.	1181	44.	1182	43.	1183	42.	1184	42.
1185	41.	1186	40.	1187	40.	1188	40.	1189	40.
1190	40.	1191	41.	1192	42.	1193	43.	1194	44.
1195	44.	1196	44.	1197	43.	1198	43.	1199	42.
1200	42.	1201	41.	1202	39.	1203	38.	1204	36.
1205	35.	1206	34.	1207	33.	1208	33.	1209	33.
1210	33.	1211	32.	1212	32.	1213	32.	1214	32.
1215	32.	1216	32.	1217	32.	1218	32.	1219	32.
1220	32.	1221	32.	1222	32.	1223	31.	1224	31.
1225	31.	1226	31.	1227	31.	1228	31.	1229	31.
1230	31.	1231	31.	1232	31.	1233	31.	1234	31.
1235	31.	1236	30.	1237	30.	1238	30.	1239	29.
1240	29.	1241	29.	1242	29.	1243	28.	1244	28.
1245	28.	1246	28.	1247	28.	1248	28.	1249	28.
1250	28.	1251	28.	1252	28.	1253	28.	1254	28.
1255	28.	1256	28.	1257	28.	1258	28.	1259	28.
1260	28.	1261	28.	1262	28.	1263	28.	1264	27.
1265	27.	1266	26.	1267	25.	1268	25.	1269	24.
1270	24.	1271	24.	1272	23.	1273	23.	1274	23.
1275	23.	1276	23.	1277	23.	1278	23.	1279	23.
1280	23.	1281	23.	1282	23.	1283	23.	1284	23.
1285	23.	1286	23.	1287	23.	1288	23.	1289	23.

CALLEGUA. 990									
1290	23.	1291	23.	1292	23.	1293	23.	1294	23.
1295	23.	1296	23.	1297	23.	1298	23.	1299	23.
1300	23.	1310	18.	1320	15.	1330	16.	1340	15.
1350	11.	1360	7.	1370	7.	1380	7.	1390	7.
1400	7.	1420	7.	1440	7.	1460	7.	1500	7.

```

*****
*
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 2392D *
* ADJUSTED HYDROGRAPH PEAK = 423.14 RUNOFF FACTOR = 4.91 I.N. *
* ADJUSTED HYDROGRAPH VOLUME = 48.29 AC. FT. *
*****

```

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031 2392D		STORM DAY 4		ADJUSTMENT FACTOR = 1.000					
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	7.	200	9.	300	11.	400	12.
500	13.	600	14.	700	17.	800	19.	900	25.
1000	34.	1050	45.	1100	54.	1110	67.	1120	71.
1130	87.	1131	91.	1132	93.	1133	95.	1134	97.
1135	100.	1136	102.	1137	105.	1138	108.	1139	110.
1140	113.	1141	117.	1142	121.	1143	127.	1144	134.
1145	142.	1146	150.	1147	159.	1148	168.	1149	189.
1150	225.	1151	257.	1152	313.	1153	377.	1154	413.
1155	423.	1156	420.	1157	388.	1158	344.	1159	298.
1160	256.	1161	221.	1162	189.	1163	159.	1164	135.
1165	114.	1166	98.	1167	87.	1168	80.	1169	76.
1170	72.	1171	68.	1172	66.	1173	64.	1174	62.
1175	61.	1176	59.	1177	58.	1178	56.	1179	55.
1180	53.	1181	52.	1182	51.	1183	50.	1184	49.
1185	48.	1186	48.	1187	47.	1188	47.	1189	47.
1190	47.	1191	47.	1192	48.	1193	49.	1194	50.
1195	50.	1196	50.	1197	49.	1198	49.	1199	48.
1200	48.	1201	46.	1202	45.	1203	43.	1204	42.
1205	41.	1206	40.	1207	39.	1208	38.	1209	38.
1210	38.	1211	38.	1212	37.	1213	37.	1214	37.
1215	37.	1216	37.	1217	37.	1218	37.	1219	36.
1220	36.	1221	36.	1222	36.	1223	36.	1224	36.
1225	36.	1226	36.	1227	36.	1228	36.	1229	36.
1230	36.	1231	35.	1232	35.	1233	35.	1234	35.
1235	35.	1236	34.	1237	34.	1238	33.	1239	33.
1240	33.	1241	33.	1242	32.	1243	32.	1244	32.
1245	32.	1246	32.	1247	32.	1248	32.	1249	32.
1250	32.	1251	32.	1252	31.	1253	31.	1254	31.
1255	31.	1256	31.	1257	31.	1258	31.	1259	31.
1260	31.	1261	31.	1262	31.	1263	31.	1264	30.
1265	30.	1266	29.	1267	28.	1268	28.	1269	27.
1270	27.	1271	27.	1272	26.	1273	26.	1274	26.
1275	26.	1276	25.	1277	25.	1278	25.	1279	25.
1280	25.	1281	25.	1282	25.	1283	25.	1284	25.
1285	25.	1286	25.	1287	25.	1288	25.	1289	25.
1290	25.	1291	25.	1292	25.	1293	25.	1294	25.
1295	25.	1296	25.	1297	25.	1298	25.	1299	25.
1300	25.	1310	20.	1320	17.	1330	18.	1340	17.
1350	12.	1360	9.	1370	9.	1380	9.	1390	8.
1400	8.	1420	8.	1440	8.	1460	8.	1500	8.

CALLEGUA. 990

 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 4.91 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 245.72 ADJUSTED HYDROGRAPH VOLUME = 20.24 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 2404E STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	3.	200	3.	300	4.	400	4.
500	4.	600	5.	700	6.	800	7.	900	9.
1000	14.	1050	20.	1100	23.	1110	32.	1120	35.
1130	43.	1131	46.	1132	47.	1133	48.	1134	50.
1135	51.	1136	53.	1137	54.	1138	55.	1139	57.
1140	59.	1141	61.	1142	63.	1143	66.	1144	69.
1145	73.	1146	78.	1147	83.	1148	89.	1149	99.
1150	117.	1151	137.	1152	160.	1153	193.	1154	222.
1155	239.	1156	246.	1157	238.	1158	220.	1159	195.
1160	160.	1161	128.	1162	107.	1163	90.	1164	77.
1165	66.	1166	57.	1167	49.	1168	43.	1169	40.
1170	37.	1171	34.	1172	32.	1173	30.	1174	29.
1175	28.	1176	27.	1177	25.	1178	24.	1179	23.
1180	22.	1181	21.	1182	21.	1183	20.	1184	20.
1185	20.	1186	20.	1187	19.	1188	19.	1189	19.
1190	19.	1191	19.	1192	19.	1193	19.	1194	19.
1195	19.	1196	19.	1197	19.	1198	19.	1199	19.
1200	19.	1201	19.	1202	19.	1203	18.	1204	18.
1205	17.	1206	17.	1207	16.	1208	15.	1209	15.
1210	15.	1211	14.	1212	14.	1213	14.	1214	14.
1215	14.	1216	14.	1217	14.	1218	14.	1219	14.
1220	14.	1221	14.	1222	14.	1223	14.	1224	14.
1225	14.	1226	14.	1227	14.	1228	14.	1229	14.
1230	14.	1231	14.	1232	14.	1233	14.	1234	14.
1235	14.	1236	14.	1237	13.	1238	13.	1239	13.
1240	13.	1241	13.	1242	13.	1243	13.	1244	13.
1245	13.	1246	13.	1247	13.	1248	13.	1249	13.
1250	13.	1251	13.	1252	13.	1253	13.	1254	13.
1255	13.	1256	13.	1257	13.	1258	13.	1259	13.
1260	13.	1261	13.	1262	13.	1263	13.	1264	13.
1265	12.	1266	12.	1267	12.	1268	11.	1269	11.
1270	10.	1271	10.	1272	10.	1273	10.	1274	10.
1275	10.	1276	10.	1277	10.	1278	10.	1279	10.
1280	10.	1281	10.	1282	10.	1283	10.	1284	10.
1285	10.	1286	10.	1287	10.	1288	10.	1289	10.
1290	10.	1291	10.	1292	10.	1293	10.	1294	9.
1295	9.	1296	10.	1297	9.	1298	10.	1299	10.
1300	10.	1310	7.	1320	5.	1330	5.	1340	5.
1350	4.	1360	3.	1370	3.	1380	3.	1390	3.
1400	3.	1420	3.	1440	3.	1460	3.	1500	3.

 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 4.91 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 245.72 ADJUSTED HYDROGRAPH VOLUME = 29.46 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING
 HYDROGRAPH AT 15031 2404E STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
------	---	------	---	------	---	------	---	------	---

CALLEGUA. 990									
0	0.	100	3.	200	3.	300	4.	400	4.
500	5.	600	6.	700	7.	800	9.	900	13.
1000	21.	1050	30.	1100	39.	1110	50.	1120	55.
1130	65.	1131	68.	1132	69.	1133	71.	1134	72.
1135	74.	1136	76.	1137	77.	1138	79.	1139	81.
1140	83.	1141	85.	1142	87.	1143	90.	1144	93.
1145	97.	1146	101.	1147	107.	1148	112.	1149	121.
1150	137.	1151	154.	1152	173.	1153	201.	1154	225.
1155	240.	1156	246.	1157	239.	1158	225.	1159	203.
1160	173.	1161	146.	1162	128.	1163	113.	1164	102.
1165	92.	1166	84.	1167	77.	1168	71.	1169	68.
1170	65.	1171	62.	1172	59.	1173	57.	1174	56.
1175	55.	1176	53.	1177	52.	1178	50.	1179	49.
1180	48.	1181	47.	1182	46.	1183	45.	1184	44.
1185	44.	1186	43.	1187	43.	1188	42.	1189	42.
1190	42.	1191	41.	1192	41.	1193	41.	1194	40.
1195	40.	1196	40.	1197	39.	1198	39.	1199	39.
1200	39.	1201	38.	1202	38.	1203	37.	1204	37.
1205	36.	1206	35.	1207	35.	1208	34.	1209	33.
1210	33.	1211	32.	1212	32.	1213	31.	1214	31.
1215	31.	1216	31.	1217	30.	1218	30.	1219	30.
1220	30.	1221	30.	1222	29.	1223	29.	1224	29.
1225	29.	1226	29.	1227	29.	1228	29.	1229	28.
1230	28.	1231	28.	1232	28.	1233	28.	1234	28.
1235	27.	1236	27.	1237	27.	1238	27.	1239	27.
1240	26.	1241	26.	1242	26.	1243	26.	1244	26.
1245	26.	1246	26.	1247	25.	1248	25.	1249	25.
1250	25.	1251	25.	1252	25.	1253	25.	1254	25.
1255	24.	1256	24.	1257	24.	1258	24.	1259	24.
1260	24.	1261	24.	1262	24.	1263	23.	1264	23.
1265	23.	1266	22.	1267	22.	1268	21.	1269	21.
1270	21.	1271	20.	1272	20.	1273	20.	1274	20.
1275	20.	1276	19.	1277	19.	1278	19.	1279	19.
1280	19.	1281	19.	1282	19.	1283	19.	1284	19.
1285	19.	1286	18.	1287	18.	1288	18.	1289	18.
1290	18.	1291	18.	1292	18.	1293	18.	1294	18.
1295	18.	1296	18.	1297	18.	1298	18.	1299	18.
1300	18.	1310	15.	1320	12.	1330	12.	1340	11.
1350	10.	1360	9.	1370	8.	1380	8.	1390	7.
1400	7.	1420	7.	1440	6.	1460	6.	1500	5.

```

*****
*
*           RESERVOIR ROUTING AT 2409C
* INCOMING HYDROGRAPH PEAK = 793.80 INCOMING HYDROGRAPH VOLUME = 166.60 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR = 1.0000
* RESERVOIR INFLOW PEAK = 793.80 TIME OF PEAK = 1156 VOLUME UNDER INFLOW HYDROGRAPH = 166.60 AC. FT.
* MAXIMUM ELEVATION = 862.71 TIME = 1350 SPILLAGE ELEVATION = 863.00 DIFFERENCE = -0.29
* SPILLED FROM **** TO 1290 FOR **** MINUTES
* RESERVOIR OUTFLOW PEAK = 148.11 TIME OF PEAK = 1350 VOLUME UNDER OUTFLOW HYDROGRAPH = 135.01 AC. FT.
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031 2409C					STORM DAY 4				
ADJUSTMENT FACTOR = 1.000									
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	5.	200	15.	300	21.	400	27.
500	31.	600	36.	700	42.	800	50.	900	62.

CALLEGUA. 990										
1000	85.	1050	93.	1100	105.	1110	107.	1120	109.	
1130	112.	1131	112.	1132	113.	1133	113.	1134	113.	
1135	114.	1136	114.	1137	114.	1138	115.	1139	115.	
1140	116.	1141	116.	1142	117.	1143	117.	1144	117.	
1145	118.	1146	118.	1147	119.	1148	120.	1149	120.	
1150	121.	1151	121.	1152	122.	1153	123.	1154	124.	
1155	126.	1156	127.	1157	128.	1158	129.	1159	130.	
1160	131.	1161	131.	1162	132.	1163	132.	1164	133.	
1165	133.	1166	133.	1167	134.	1168	134.	1169	134.	
1170	134.	1171	135.	1172	135.	1173	135.	1174	135.	
1175	135.	1176	136.	1177	136.	1178	136.	1179	136.	
1180	136.	1181	136.	1182	137.	1183	137.	1184	137.	
1185	137.	1186	137.	1187	137.	1188	137.	1189	138.	
1190	138.	1191	138.	1192	138.	1193	138.	1194	138.	
1195	138.	1196	138.	1197	139.	1198	139.	1199	139.	
1200	139.	1201	139.	1202	139.	1203	139.	1204	139.	
1205	140.	1206	140.	1207	140.	1208	140.	1209	140.	
1210	140.	1211	140.	1212	140.	1213	140.	1214	141.	
1215	141.	1216	141.	1217	141.	1218	141.	1219	141.	
1220	141.	1221	141.	1222	141.	1223	141.	1224	142.	
1225	142.	1226	142.	1227	142.	1228	142.	1229	142.	
1230	142.	1231	142.	1232	142.	1233	142.	1234	143.	
1235	143.	1236	143.	1237	143.	1238	143.	1239	143.	
1240	143.	1241	143.	1242	143.	1243	143.	1244	143.	
1245	144.	1246	144.	1247	144.	1248	144.	1249	144.	
1250	144.	1251	144.	1252	144.	1253	144.	1254	144.	
1255	144.	1256	144.	1257	145.	1258	145.	1259	145.	
1260	145.	1261	145.	1262	145.	1263	145.	1264	145.	
1265	145.	1266	145.	1267	145.	1268	145.	1269	145.	
1270	146.	1271	146.	1272	146.	1273	146.	1274	146.	
1275	146.	1276	146.	1277	146.	1278	146.	1279	146.	
1280	146.	1281	146.	1282	146.	1283	146.	1284	146.	
1285	146.	1286	146.	1287	146.	1288	146.	1289	147.	
1290	147.	1291	147.	1292	147.	1293	147.	1294	147.	
1295	147.	1296	147.	1297	147.	1298	147.	1299	147.	
1300	147.	1310	147.	1320	148.	1330	148.	1340	148.	
1350	148.	1360	148.	1370	148.	1380	148.	1390	147.	
1400	146.	1420	144.	1440	141.	1460	138.	1500	132.	

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 2409C

ELEVATION	STORAGE	DISCHARGE
FT	ACFT	CFS
848.00	0.00	0.00
849.97	1.29	84.44
852.00	4.56	101.41
854.00	9.52	110.21
856.00	15.25	119.01
858.00	21.75	127.82
860.00	29.31	136.62
862.00	37.86	145.42
864.00	47.13	153.03
870.00	78.51	171.98

 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 2416DE *
 * RUNOFF FACTOR = 5.67 IN. *

CALLEGUA. 990

* ADJUSTED HYDROGRAPH PEAK = 122.21 ADJUSTED HYDROGRAPH VOLUME = 8.01 AC. FT. *

 ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 2416DE STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	1.	300	2.	400	2.
500	2.	600	2.	700	2.	800	2.	900	3.
1000	6.	1050	8.	1100	9.	1110	14.	1120	14.
1130	19.	1131	20.	1132	20.	1133	21.	1134	22.
1135	23.	1136	23.	1137	24.	1138	25.	1139	25.
1140	26.	1141	27.	1142	29.	1143	31.	1144	32.
1145	35.	1146	38.	1147	41.	1148	44.	1149	54.
1150	69.	1151	75.	1152	95.	1153	117.	1154	122.
1155	116.	1156	108.	1157	90.	1158	66.	1159	45.
1160	33.	1161	27.	1162	22.	1163	19.	1164	18.
1165	17.	1166	15.	1167	14.	1168	13.	1169	13.
1170	12.	1171	11.	1172	11.	1173	11.	1174	10.
1175	9.	1176	9.	1177	9.	1178	8.	1179	8.
1180	8.	1181	7.	1182	7.	1183	7.	1184	7.
1185	7.	1186	7.	1187	7.	1188	7.	1189	7.
1190	7.	1191	7.	1192	7.	1193	7.	1194	7.
1195	7.	1196	7.	1197	7.	1198	7.	1199	7.
1200	7.	1201	7.	1202	7.	1203	7.	1204	6.
1205	6.	1206	6.	1207	5.	1208	5.	1209	5.
1210	5.	1211	5.	1212	5.	1213	5.	1214	5.
1215	5.	1216	5.	1217	5.	1218	5.	1219	5.
1220	5.	1221	5.	1222	5.	1223	5.	1224	5.
1225	5.	1226	5.	1227	5.	1228	5.	1229	5.
1230	5.	1231	5.	1232	5.	1233	5.	1234	5.
1235	5.	1236	5.	1237	5.	1238	5.	1239	5.
1240	5.	1241	5.	1242	5.	1243	5.	1244	5.
1245	5.	1246	5.	1247	5.	1248	5.	1249	5.
1250	5.	1251	5.	1252	5.	1253	5.	1254	5.
1255	5.	1256	5.	1257	5.	1258	5.	1259	5.
1260	5.	1261	5.	1262	5.	1263	4.	1264	4.
1265	4.	1266	4.	1267	4.	1268	4.	1269	4.
1270	4.	1271	3.	1272	3.	1273	3.	1274	3.
1275	3.	1276	3.	1277	3.	1278	3.	1279	3.
1280	3.	1281	3.	1282	3.	1283	3.	1284	3.
1285	3.	1286	3.	1287	3.	1288	3.	1289	3.
1290	3.	1291	3.	1292	3.	1293	3.	1294	3.
1295	3.	1296	3.	1297	3.	1298	3.	1299	3.
1300	3.	1310	2.	1320	2.	1330	2.	1340	2.
1350	2.	1360	1.	1370	1.	1380	1.	1390	1.
1400	1.	1420	1.	1440	1.	1460	1.	1500	1.

 * HYDROGRAPH FATTENED AT 2416DE *
 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 5.67 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 122.21 ADJUSTED HYDROGRAPH VOLUME = 14.66 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING
 HYDROGRAPH AT 15031 2416DE STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	1.	200	2.	300	2.	400	2.
500	2.	600	3.	700	3.	800	4.	900	6.
1000	10.	1050	15.	1100	21.	1110	27.	1120	29.

CALLEGUA. 990									
1130	35.	1131	36.	1132	37.	1133	38.	1134	39.
1135	40.	1136	40.	1137	41.	1138	42.	1139	43.
1140	43.	1141	45.	1142	47.	1143	48.	1144	50.
1145	52.	1146	55.	1147	57.	1148	60.	1149	68.
1150	80.	1151	85.	1152	101.	1153	118.	1154	122.
1155	118.	1156	111.	1157	97.	1158	78.	1159	61.
1160	52.	1161	46.	1162	42.	1163	40.	1164	39.
1165	37.	1166	36.	1167	34.	1168	33.	1169	33.
1170	32.	1171	31.	1172	30.	1173	30.	1174	29.
1175	28.	1176	28.	1177	27.	1178	26.	1179	26.
1180	25.	1181	25.	1182	25.	1183	25.	1184	24.
1185	24.	1186	24.	1187	24.	1188	23.	1189	23.
1190	23.	1191	23.	1192	23.	1193	22.	1194	22.
1195	22.	1196	22.	1197	22.	1198	22.	1199	21.
1200	21.	1201	21.	1202	20.	1203	20.	1204	20.
1205	19.	1206	19.	1207	18.	1208	18.	1209	18.
1210	18.	1211	17.	1212	17.	1213	17.	1214	17.
1215	17.	1216	17.	1217	17.	1218	17.	1219	16.
1220	16.	1221	16.	1222	16.	1223	16.	1224	16.
1225	16.	1226	16.	1227	16.	1228	15.	1229	15.
1230	15.	1231	15.	1232	15.	1233	15.	1234	15.
1235	15.	1236	14.	1237	14.	1238	14.	1239	14.
1240	14.	1241	14.	1242	14.	1243	14.	1244	14.
1245	14.	1246	14.	1247	13.	1248	13.	1249	13.
1250	13.	1251	13.	1252	13.	1253	13.	1254	13.
1255	13.	1256	13.	1257	13.	1258	13.	1259	13.
1260	13.	1261	12.	1262	12.	1263	12.	1264	12.
1265	11.	1266	11.	1267	11.	1268	11.	1269	11.
1270	11.	1271	10.	1272	10.	1273	10.	1274	10.
1275	10.	1276	10.	1277	10.	1278	10.	1279	10.
1280	10.	1281	10.	1282	10.	1283	10.	1284	10.
1285	10.	1286	10.	1287	10.	1288	10.	1289	10.
1290	10.	1291	9.	1292	9.	1293	9.	1294	9.
1295	9.	1296	9.	1297	9.	1298	9.	1299	9.
1300	9.	1310	8.	1320	7.	1330	7.	1340	6.
1350	6.	1360	5.	1370	5.	1380	5.	1390	5.
1400	4.	1420	4.	1440	4.	1460	4.	1500	3.

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 2426F *
* ADJUSTED HYDROGRAPH PEAK = 107.07 RUNOFF FACTOR = 5.67 IN. *
* ADJUSTED HYDROGRAPH VOLUME = 8.21 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING									
HYDROGRAPH AT 15031		2426F		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	2.	300	2.	400	2.
500	3.	600	3.	700	3.	800	3.	900	3.
1000	5.	1050	7.	1100	8.	1110	12.	1120	12.
1130	16.	1131	17.	1132	18.	1133	18.	1134	19.
1135	20.	1136	20.	1137	21.	1138	21.	1139	22.
1140	22.	1141	24.	1142	25.	1143	27.	1144	28.
1145	30.	1146	33.	1147	35.	1148	38.	1149	47.
1150	60.	1151	66.	1152	84.	1153	102.	1154	107.
1155	101.	1156	91.	1157	76.	1158	53.	1159	35.
1160	26.	1161	21.	1162	18.	1163	16.	1164	15.
1165	14.	1166	13.	1167	12.	1168	11.	1169	11.

CALLEGUA. 990									
1170	10.	1171	9.	1172	9.	1173	9.	1174	8.
1175	8.	1176	8.	1177	7.	1178	7.	1179	7.
1180	6.	1181	6.	1182	6.	1183	6.	1184	6.
1185	6.	1186	6.	1187	6.	1188	6.	1189	6.
1190	6.	1191	6.	1192	6.	1193	6.	1194	6.
1195	6.	1196	6.	1197	6.	1198	6.	1199	6.
1200	6.	1201	6.	1202	6.	1203	6.	1204	5.
1205	5.	1206	5.	1207	4.	1208	4.	1209	4.
1210	4.	1211	4.	1212	4.	1213	4.	1214	4.
1215	4.	1216	4.	1217	4.	1218	4.	1219	4.
1220	4.	1221	4.	1222	4.	1223	4.	1224	4.
1225	4.	1226	4.	1227	4.	1228	4.	1229	4.
1230	4.	1231	4.	1232	4.	1233	4.	1234	4.
1235	4.	1236	4.	1237	4.	1238	4.	1239	4.
1240	4.	1241	4.	1242	4.	1243	4.	1244	4.
1245	4.	1246	4.	1247	4.	1248	4.	1249	4.
1250	4.	1251	4.	1252	4.	1253	4.	1254	4.
1255	4.	1256	4.	1257	4.	1258	4.	1259	4.
1260	4.	1261	4.	1262	4.	1263	4.	1264	4.
1265	4.	1266	4.	1267	3.	1268	3.	1269	3.
1270	3.	1271	3.	1272	3.	1273	3.	1274	3.
1275	3.	1276	3.	1277	3.	1278	3.	1279	3.
1280	3.	1281	3.	1282	3.	1283	3.	1284	3.
1285	3.	1286	3.	1287	3.	1288	3.	1289	3.
1290	3.	1291	3.	1292	3.	1293	3.	1294	3.
1295	3.	1296	3.	1297	3.	1298	3.	1299	3.
1300	3.	1310	3.	1320	3.	1330	3.	1340	3.
1350	2.	1360	2.	1370	2.	1380	2.	1390	2.
1400	2.	1420	2.	1440	2.	1460	1.	1500	1.

 * HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 2426F *
 * ADJUSTED HYDROGRAPH PEAK = 107.07 RUNOFF FACTOR = 5.67 IN. *
 * ADJUSTED HYDROGRAPH VOLUME = 12.76 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031		2426F		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	2.	200	2.	300	3.	400	3.
500	3.	600	3.	700	3.	800	4.	900	5.
1000	8.	1050	12.	1100	16.	1110	21.	1120	22.
1130	28.	1131	28.	1132	29.	1133	30.	1134	30.
1135	31.	1136	32.	1137	33.	1138	33.	1139	34.
1140	35.	1141	36.	1142	37.	1143	39.	1144	40.
1145	42.	1146	45.	1147	47.	1148	49.	1149	57.
1150	68.	1151	73.	1152	88.	1153	103.	1154	107.
1155	102.	1156	94.	1157	82.	1158	62.	1159	47.
1160	40.	1161	35.	1162	32.	1163	30.	1164	30.
1165	28.	1166	27.	1167	26.	1168	25.	1169	25.
1170	24.	1171	23.	1172	23.	1173	22.	1174	22.
1175	21.	1176	21.	1177	20.	1178	20.	1179	19.
1180	19.	1181	18.	1182	18.	1183	18.	1184	18.
1185	18.	1186	18.	1187	17.	1188	17.	1189	17.
1190	17.	1191	17.	1192	17.	1193	17.	1194	16.
1195	16.	1196	16.	1197	16.	1198	16.	1199	16.
1200	16.	1201	15.	1202	15.	1203	15.	1204	14.
1205	14.	1206	14.	1207	13.	1208	13.	1209	13.
1210	13.	1211	13.	1212	13.	1213	13.	1214	12.

CALLEGUA. 990									
1215	12.	1216	12.	1217	12.	1218	12.	1219	12.
1220	12.	1221	12.	1222	12.	1223	12.	1224	12.
1225	12.	1226	11.	1227	11.	1228	11.	1229	11.
1230	11.	1231	11.	1232	11.	1233	11.	1234	11.
1235	11.	1236	11.	1237	11.	1238	10.	1239	10.
1240	10.	1241	10.	1242	10.	1243	10.	1244	10.
1245	10.	1246	10.	1247	10.	1248	10.	1249	10.
1250	10.	1251	10.	1252	10.	1253	10.	1254	10.
1255	9.	1256	9.	1257	9.	1258	9.	1259	9.
1260	9.	1261	9.	1262	9.	1263	9.	1264	9.
1265	9.	1266	9.	1267	8.	1268	8.	1269	8.
1270	8.	1271	8.	1272	8.	1273	8.	1274	8.
1275	8.	1276	8.	1277	8.	1278	8.	1279	8.
1280	8.	1281	8.	1282	8.	1283	8.	1284	8.
1285	8.	1286	8.	1287	8.	1288	8.	1289	8.
1290	8.	1291	7.	1292	8.	1293	7.	1294	7.
1295	7.	1296	7.	1297	7.	1298	7.	1299	7.
1300	7.	1310	6.	1320	6.	1330	6.	1340	6.
1350	5.	1360	5.	1370	5.	1380	4.	1390	4.
1400	4.	1420	4.	1440	3.	1460	3.	1500	3.

```

*****
*
*                               RESERVOIR ROUTING AT 2435C                               *
* INCOMING HYDROGRAPH PEAK      = 351.09      INCOMING HYDROGRAPH VOLUME      = 161.85 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000                                           *
* RESERVOIR INFLOW PEAK        = 351.09      TIME OF PEAK          = 1154      VOLUME UNDER INFLOW HYDROGRAPH = 161.85 AC. FT. *
* MAXIMUM ELEVATION            = 838.64      TIME                  = 1170      SPILLAGE ELEVATION    = 840.00      DIFFERENCE = -1.36 *
* SPILLED FROM **** TO 1290 FOR **** MINUTES                                       *
* RESERVOIR OUTFLOW PEAK       = 189.91      TIME OF PEAK          = 1170      VOLUME UNDER OUTFLOW HYDROGRAPH = 151.48 AC. FT. *
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031		2435C		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	4.	200	9.	300	19.	400	28.
500	34.	600	39.	700	45.	800	53.	900	65.
1000	85.	1050	106.	1100	125.	1110	132.	1120	138.
1130	144.	1131	144.	1132	145.	1133	146.	1134	147.
1135	148.	1136	149.	1137	149.	1138	150.	1139	151.
1140	152.	1141	153.	1142	154.	1143	156.	1144	157.
1145	158.	1146	159.	1147	161.	1148	162.	1149	164.
1150	166.	1151	169.	1152	172.	1153	175.	1154	179.
1155	182.	1156	184.	1157	186.	1158	187.	1159	188.
1160	189.	1161	189.	1162	189.	1163	189.	1164	190.
1165	190.	1166	190.	1167	190.	1168	190.	1169	190.
1170	190.	1171	190.	1172	190.	1173	190.	1174	190.
1175	190.	1176	190.	1177	189.	1178	189.	1179	189.
1180	189.	1181	189.	1182	189.	1183	189.	1184	189.
1185	188.	1186	188.	1187	188.	1188	188.	1189	188.
1190	188.	1191	188.	1192	187.	1193	187.	1194	187.
1195	187.	1196	187.	1197	187.	1198	187.	1199	186.
1200	186.	1201	186.	1202	186.	1203	186.	1204	186.
1205	185.	1206	185.	1207	185.	1208	185.	1209	185.
1210	184.	1211	184.	1212	184.	1213	184.	1214	184.
1215	183.	1216	183.	1217	183.	1218	183.	1219	183.
1220	182.	1221	182.	1222	182.	1223	182.	1224	182.

CALLEGUA. 990										
1225	181.	1226	181.	1227	181.	1228	181.	1229	181.	
1230	181.	1231	180.	1232	180.	1233	180.	1234	180.	
1235	180.	1236	180.	1237	179.	1238	179.	1239	179.	
1240	179.	1241	179.	1242	178.	1243	178.	1244	178.	
1245	178.	1246	177.	1247	177.	1248	177.	1249	177.	
1250	176.	1251	176.	1252	176.	1253	176.	1254	175.	
1255	175.	1256	175.	1257	175.	1258	175.	1259	174.	
1260	174.	1261	174.	1262	174.	1263	174.	1264	173.	
1265	173.	1266	173.	1267	173.	1268	173.	1269	172.	
1270	172.	1271	172.	1272	172.	1273	172.	1274	172.	
1275	171.	1276	171.	1277	171.	1278	171.	1279	171.	
1280	170.	1281	170.	1282	170.	1283	170.	1284	170.	
1285	170.	1286	170.	1287	169.	1288	169.	1289	169.	
1290	169.	1291	169.	1292	169.	1293	169.	1294	168.	
1295	168.	1296	168.	1297	168.	1298	168.	1299	168.	
1300	168.	1310	167.	1320	165.	1330	164.	1340	163.	
1350	163.	1360	162.	1370	161.	1380	160.	1390	159.	
1400	159.	1420	157.	1440	155.	1460	152.	1500	147.	

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 2435C

ELEVATION FT	DISCHARGE STORAGE ACFT	DISCHARGE CFS
831.00	0.00	0.00
832.00	0.00	24.39
834.00	0.60	79.50
836.00	2.21	134.54
838.00	4.72	178.81
840.00	8.05	213.25

 * HYDROGRAPH FATTENED AT 2488DE *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.92500 RUNOFF FACTOR = 4.96 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 2086.72 ADJUSTED HYDROGRAPH VOLUME = 262.48 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 2488DE STORM DAY 4 ADJUSTMENT FACTOR = 0.925

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	37.	200	45.	300	56.	400	61.
500	66.	600	74.	700	86.	800	96.	900	124.
1000	177.	1050	240.	1100	285.	1110	342.	1120	379.
1130	466.	1131	480.	1132	490.	1133	500.	1134	512.
1135	525.	1136	537.	1137	550.	1138	566.	1139	584.
1140	601.	1141	619.	1142	639.	1143	664.	1144	689.
1145	721.	1146	759.	1147	801.	1148	845.	1149	918.
1150	1032.	1151	1151.	1152	1334.	1153	1556.	1154	1762.
1155	1916.	1156	2014.	1157	2064.	1158	2087.	1159	2026.
1160	1934.	1161	1838.	1162	1728.	1163	1614.	1164	1503.
1165	1384.	1166	1262.	1167	1138.	1168	1023.	1169	923.
1170	836.	1171	760.	1172	694.	1173	638.	1174	590.
1175	549.	1176	512.	1177	479.	1178	448.	1179	420.
1180	395.	1181	372.	1182	352.	1183	334.	1184	320.
1185	309.	1186	299.	1187	291.	1188	283.	1189	278.
1190	273.	1191	269.	1192	267.	1193	264.	1194	262.
1195	260.	1196	258.	1197	255.	1198	251.	1199	247.
1200	243.	1201	239.	1202	236.	1203	232.	1204	228.

CALLEGUA. 990									
1205	223.	1206	219.	1207	215.	1208	212.	1209	209.
1210	206.	1211	204.	1212	202.	1213	201.	1214	199.
1215	197.	1216	195.	1217	193.	1218	191.	1219	189.
1220	187.	1221	185.	1222	184.	1223	182.	1224	181.
1225	180.	1226	179.	1227	178.	1228	177.	1229	177.
1230	176.	1231	175.	1232	175.	1233	175.	1234	174.
1235	173.	1236	171.	1237	170.	1238	169.	1239	167.
1240	166.	1241	166.	1242	165.	1243	164.	1244	164.
1245	163.	1246	162.	1247	162.	1248	161.	1249	161.
1250	161.	1251	161.	1252	160.	1253	160.	1254	160.
1255	160.	1256	160.	1257	159.	1258	159.	1259	159.
1260	159.	1261	159.	1262	159.	1263	158.	1264	157.
1265	156.	1266	155.	1267	153.	1268	151.	1269	149.
1270	148.	1271	146.	1272	145.	1273	144.	1274	142.
1275	141.	1276	140.	1277	139.	1278	138.	1279	137.
1280	136.	1281	135.	1282	134.	1283	133.	1284	132.
1285	131.	1286	130.	1287	129.	1288	129.	1289	128.
1290	128.	1291	127.	1292	127.	1293	127.	1294	126.
1295	126.	1296	126.	1297	126.	1298	125.	1299	125.
1300	125.	1310	112.	1320	97.	1330	89.	1340	84.
1350	69.	1360	54.	1370	48.	1380	44.	1390	41.
1400	39.	1420	37.	1440	37.	1460	35.	1500	35.

* HYDROGRAPH FATTENED AT 2488DE *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.92500 RUNOFF FACTOR = 4.96 IN. *
* ADJUSTED HYDROGRAPH PEAK = 2086.72 ADJUSTED HYDROGRAPH VOLUME = 359.46 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031 2488DE		STORM DAY 4		ADJUSTMENT FACTOR = 0.925					
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	39.	200	49.	300	61.	400	68.
500	74.	600	85.	700	101.	800	119.	900	161.
1000	246.	1050	341.	1100	453.	1110	526.	1120	585.
1130	691.	1131	706.	1132	718.	1133	730.	1134	743.
1135	758.	1136	771.	1137	786.	1138	803.	1139	822.
1140	840.	1141	859.	1142	880.	1143	904.	1144	929.
1145	959.	1146	994.	1147	1033.	1148	1072.	1149	1135.
1150	1232.	1151	1331.	1152	1481.	1153	1662.	1154	1828.
1155	1951.	1156	2029.	1157	2069.	1158	2087.	1159	2039.
1160	1966.	1161	1889.	1162	1801.	1163	1709.	1164	1617.
1165	1520.	1166	1419.	1167	1315.	1168	1219.	1169	1134.
1170	1060.	1171	993.	1172	936.	1173	885.	1174	842.
1175	803.	1176	769.	1177	738.	1178	708.	1179	681.
1180	655.	1181	632.	1182	611.	1183	593.	1184	577.
1185	564.	1186	552.	1187	541.	1188	532.	1189	523.
1190	516.	1191	510.	1192	504.	1193	499.	1194	494.
1195	489.	1196	484.	1197	479.	1198	473.	1199	466.
1200	460.	1201	454.	1202	448.	1203	442.	1204	436.
1205	430.	1206	424.	1207	418.	1208	412.	1209	407.
1210	403.	1211	398.	1212	394.	1213	391.	1214	387.
1215	383.	1216	379.	1217	375.	1218	372.	1219	368.
1220	364.	1221	361.	1222	357.	1223	354.	1224	351.
1225	348.	1226	345.	1227	343.	1228	340.	1229	338.
1230	336.	1231	334.	1232	332.	1233	330.	1234	328.
1235	325.	1236	322.	1237	320.	1238	317.	1239	314.
1240	312.	1241	310.	1242	307.	1243	306.	1244	304.
1245	302.	1246	300.	1247	298.	1248	296.	1249	295.

CALLEGUA. 990									
1250	294.	1251	292.	1252	291.	1253	289.	1254	288.
1255	286.	1256	285.	1257	284.	1258	283.	1259	282.
1260	280.	1261	279.	1262	278.	1263	276.	1264	274.
1265	272.	1266	270.	1267	267.	1268	265.	1269	262.
1270	260.	1271	257.	1272	255.	1273	253.	1274	251.
1275	249.	1276	247.	1277	245.	1278	243.	1279	241.
1280	239.	1281	237.	1282	236.	1283	234.	1284	232.
1285	231.	1286	229.	1287	228.	1288	227.	1289	225.
1290	224.	1291	223.	1292	222.	1293	221.	1294	220.
1295	219.	1296	218.	1297	217.	1298	216.	1299	215.
1300	215.	1310	196.	1320	175.	1330	163.	1340	154.
1350	135.	1360	117.	1370	107.	1380	100.	1390	94.
1400	90.	1420	83.	1440	79.	1460	73.	1500	68.

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 2498E *
* ADJUSTED HYDROGRAPH PEAK = 638.89 RUNOFF FACTOR = 4.96 I.N. *
* ADJUSTED HYDROGRAPH VOLUME = 65.82 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
HYDROGRAPH AT 15031 2498E STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	13.	200	15.	300	17.	400	17.
500	18.	600	19.	700	22.	800	24.	900	33.
1000	47.	1050	63.	1100	70.	1110	98.	1120	92.
1130	130.	1131	131.	1132	131.	1133	135.	1134	139.
1135	143.	1136	144.	1137	149.	1138	154.	1139	159.
1140	163.	1141	172.	1142	178.	1143	185.	1144	193.
1145	211.	1146	225.	1147	239.	1148	252.	1149	314.
1150	381.	1151	403.	1152	534.	1153	613.	1154	634.
1155	639.	1156	615.	1157	581.	1158	500.	1159	411.
1160	374.	1161	248.	1162	178.	1163	149.	1164	135.
1165	118.	1166	110.	1167	102.	1168	96.	1169	94.
1170	87.	1171	85.	1172	83.	1173	75.	1174	76.
1175	74.	1176	73.	1177	70.	1178	63.	1179	65.
1180	62.	1181	61.	1182	60.	1183	58.	1184	58.
1185	58.	1186	58.	1187	59.	1188	59.	1189	60.
1190	61.	1191	61.	1192	62.	1193	62.	1194	62.
1195	62.	1196	60.	1197	58.	1198	58.	1199	58.
1200	57.	1201	56.	1202	55.	1203	53.	1204	52.
1205	51.	1206	49.	1207	48.	1208	47.	1209	46.
1210	46.	1211	45.	1212	45.	1213	45.	1214	45.
1215	45.	1216	45.	1217	46.	1218	45.	1219	45.
1220	45.	1221	46.	1222	45.	1223	45.	1224	45.
1225	46.	1226	45.	1227	45.	1228	45.	1229	46.
1230	45.	1231	45.	1232	45.	1233	44.	1234	43.
1235	44.	1236	43.	1237	42.	1238	42.	1239	42.
1240	42.	1241	41.	1242	42.	1243	42.	1244	41.
1245	42.	1246	42.	1247	41.	1248	42.	1249	42.
1250	41.	1251	42.	1252	42.	1253	41.	1254	42.
1255	42.	1256	41.	1257	42.	1258	42.	1259	41.
1260	42.	1261	41.	1262	39.	1263	38.	1264	38.
1265	37.	1266	36.	1267	34.	1268	33.	1269	33.
1270	32.	1271	32.	1272	33.	1273	32.	1274	31.
1275	32.	1276	32.	1277	32.	1278	31.	1279	32.
1280	32.	1281	32.	1282	31.	1283	32.	1284	32.
1285	32.	1286	31.	1287	32.	1288	32.	1289	32.

CALLEGUA. 990									
1290	31.	1291	32.	1292	32.	1293	31.	1294	31.
1295	32.	1296	32.	1297	32.	1298	31.	1299	32.
1300	32.	1310	22.	1320	21.	1330	21.	1340	21.
1350	14.	1360	13.	1370	13.	1380	13.	1390	12.
1400	13.	1420	8.	1440	8.	1460	3.	1500	3.

```

*****
*
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 HYDROGRAPH FATTENED AT 2498E *
* ADJUSTED HYDROGRAPH PEAK = 638.89 RUNOFF FACTOR = 4.96 I.N. *
* ADJUSTED HYDROGRAPH VOLUME = 73.97 AC. FT. *
*****

```

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031 2498E		STORM DAY 4		ADJUSTMENT FACTOR = 1.000					
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	13.	200	15.	300	17.	400	18.
500	19.	600	20.	700	23.	800	26.	900	36.
1000	53.	1050	71.	1100	85.	1110	114.	1120	110.
1130	149.	1131	151.	1132	152.	1133	155.	1134	160.
1135	164.	1136	165.	1137	171.	1138	175.	1139	180.
1140	185.	1141	194.	1142	200.	1143	206.	1144	215.
1145	233.	1146	246.	1147	260.	1148	272.	1149	332.
1150	395.	1151	416.	1152	540.	1153	614.	1154	634.
1155	639.	1156	617.	1157	584.	1158	508.	1159	424.
1160	389.	1161	269.	1162	202.	1163	175.	1164	161.
1165	145.	1166	136.	1167	128.	1168	122.	1169	119.
1170	112.	1171	110.	1172	108.	1173	100.	1174	101.
1175	98.	1176	97.	1177	94.	1178	87.	1179	88.
1180	85.	1181	83.	1182	82.	1183	80.	1184	79.
1185	79.	1186	79.	1187	80.	1188	80.	1189	80.
1190	80.	1191	81.	1192	81.	1193	81.	1194	80.
1195	81.	1196	78.	1197	76.	1198	76.	1199	75.
1200	74.	1201	73.	1202	72.	1203	70.	1204	68.
1205	67.	1206	65.	1207	64.	1208	63.	1209	62.
1210	62.	1211	60.	1212	61.	1213	61.	1214	60.
1215	60.	1216	60.	1217	60.	1218	59.	1219	59.
1220	59.	1221	59.	1222	59.	1223	58.	1224	59.
1225	59.	1226	58.	1227	58.	1228	58.	1229	58.
1230	57.	1231	57.	1232	57.	1233	56.	1234	55.
1235	56.	1236	55.	1237	54.	1238	54.	1239	53.
1240	53.	1241	53.	1242	53.	1243	53.	1244	52.
1245	52.	1246	52.	1247	52.	1248	52.	1249	52.
1250	52.	1251	52.	1252	52.	1253	51.	1254	52.
1255	51.	1256	51.	1257	51.	1258	51.	1259	51.
1260	51.	1261	51.	1262	49.	1263	48.	1264	47.
1265	46.	1266	45.	1267	43.	1268	42.	1269	42.
1270	41.	1271	41.	1272	41.	1273	41.	1274	40.
1275	40.	1276	41.	1277	41.	1278	40.	1279	40.
1280	40.	1281	40.	1282	39.	1283	39.	1284	40.
1285	40.	1286	39.	1287	39.	1288	40.	1289	40.
1290	39.	1291	39.	1292	40.	1293	39.	1294	39.
1295	39.	1296	40.	1297	39.	1298	38.	1299	39.
1300	39.	1310	29.	1320	27.	1330	27.	1340	26.
1350	19.	1360	17.	1370	17.	1380	17.	1390	17.
1400	17.	1420	12.	1440	11.	1460	6.	1500	6.

CALLEGUA. 990

```

*****
*                                     RESERVOIR ROUTING AT 2501C                                     *
* INCOMING HYDROGRAPH PEAK = 2373.32 INCOMING HYDROGRAPH VOLUME = 433.45 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 1.0000 *
* RESERVOIR INFLOW PEAK = 2373.32 TIME OF PEAK = 1160 VOLUME UNDER INFLOW HYDROGRAPH = 433.45 AC. FT. *
* MAXIMUM ELEVATION = 746.16 TIME = 1161 SPILLAGE ELEVATION = 746.40 DIFFERENCE = -0.24 *
* SPILLED FROM **** TO 1290 FOR **** MINUTES *
* RESERVOIR OUTFLOW PEAK = 2314.98 TIME OF PEAK = 1161 VOLUME UNDER OUTFLOW HYDROGRAPH = 410.45 AC. FT. *
*****
    
```

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031		2501C		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	25.	200	57.	300	70.	400	81.
500	89.	600	98.	700	113.	800	132.	900	167.
1000	240.	1050	341.	1100	457.	1110	543.	1120	620.
1130	705.	1131	727.	1132	746.	1133	764.	1134	781.
1135	798.	1136	814.	1137	831.	1138	847.	1139	864.
1140	881.	1141	900.	1142	919.	1143	940.	1144	955.
1145	974.	1146	995.	1147	1043.	1148	1090.	1149	1146.
1150	1218.	1151	1298.	1152	1402.	1153	1532.	1154	1670.
1155	1808.	1156	1941.	1157	2071.	1158	2181.	1159	2253.
1160	2303.	1161	2315.	1162	2277.	1163	2221.	1164	2157.
1165	2086.	1166	2010.	1167	1936.	1168	1855.	1169	1770.
1170	1680.	1171	1589.	1172	1504.	1173	1418.	1174	1335.
1175	1258.	1176	1193.	1177	1131.	1178	1074.	1179	1025.
1180	990.	1181	970.	1182	947.	1183	916.	1184	883.
1185	852.	1186	823.	1187	795.	1188	770.	1189	747.
1190	726.	1191	706.	1192	689.	1193	673.	1194	659.
1195	646.	1196	634.	1197	623.	1198	612.	1199	603.
1200	595.	1201	587.	1202	579.	1203	571.	1204	563.
1205	556.	1206	548.	1207	541.	1208	533.	1209	528.
1210	522.	1211	516.	1212	511.	1213	505.	1214	499.
1215	493.	1216	488.	1217	483.	1218	478.	1219	473.
1220	468.	1221	463.	1222	459.	1223	454.	1224	450.
1225	446.	1226	442.	1227	438.	1228	434.	1229	430.
1230	426.	1231	423.	1232	419.	1233	416.	1234	412.
1235	409.	1236	406.	1237	403.	1238	400.	1239	397.
1240	394.	1241	391.	1242	389.	1243	386.	1244	383.
1245	381.	1246	378.	1247	375.	1248	373.	1249	370.
1250	368.	1251	366.	1252	363.	1253	361.	1254	359.
1255	357.	1256	355.	1257	353.	1258	351.	1259	350.
1260	348.	1261	346.	1262	344.	1263	342.	1264	340.
1265	338.	1266	336.	1267	334.	1268	332.	1269	329.
1270	327.	1271	325.	1272	322.	1273	320.	1274	318.
1275	315.	1276	313.	1277	311.	1278	308.	1279	306.
1280	304.	1281	301.	1282	299.	1283	297.	1284	295.
1285	293.	1286	291.	1287	288.	1288	287.	1289	285.
1290	283.	1291	281.	1292	279.	1293	278.	1294	276.
1295	274.	1296	273.	1297	271.	1298	270.	1299	268.
1300	267.	1310	255.	1320	234.	1330	215.	1340	198.
1350	183.	1360	165.	1370	148.	1380	133.	1390	123.
1400	116.	1420	106.	1440	96.	1460	89.	1500	80.

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 2501C
 ELEVATION STORAGE DISCHARGE
 FT ACFT CFS

CALLEGUA. 990

738.40	0.00	0.00
743.30	3.59	533.00
744.30	5.51	940.00
744.70	5.90	997.79
745.10	6.66	1264.18
745.50	7.53	1605.47
745.90	8.46	2008.86
746.40	9.67	2589.73

```

*****
*
*                               RESERVOIR ROUTING AT 2509C                               *
* INCOMING HYDROGRAPH PEAK = 1517.00 INCOMING HYDROGRAPH VOLUME = 46.17 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *
* RESERVOIR INFLOW PEAK = 1517.00 TIME OF PEAK = 1161 VOLUME UNDER INFLOW HYDROGRAPH = 46.17 AC. FT. *
* MAXIMUM ELEVATION = 736.47 TIME = 1189 SPILLAGE ELEVATION = 737.00 DIFFERENCE = -0.53 *
* SPILLED FROM **** TO 1290 FOR **** MINUTES *
* RESERVOIR OUTFLOW PEAK = 33.71 TIME OF PEAK = 1189 VOLUME UNDER OUTFLOW HYDROGRAPH = 13.12 AC. FT. *
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING
 HYDROGRAPH AT 15031 2509C STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	0.
1160	0.	1161	0.	1162	0.	1163	5.	1164	12.
1165	17.	1166	19.	1167	22.	1168	23.	1169	25.
1170	26.	1171	27.	1172	28.	1173	29.	1174	30.
1175	31.	1176	31.	1177	32.	1178	32.	1179	32.
1180	33.	1181	33.	1182	33.	1183	33.	1184	33.
1185	33.	1186	34.	1187	34.	1188	34.	1189	34.
1190	34.	1191	34.	1192	34.	1193	34.	1194	34.
1195	34.	1196	33.	1197	33.	1198	33.	1199	33.
1200	33.	1201	33.	1202	33.	1203	33.	1204	33.
1205	33.	1206	33.	1207	33.	1208	33.	1209	33.
1210	33.	1211	33.	1212	33.	1213	33.	1214	33.
1215	33.	1216	33.	1217	33.	1218	33.	1219	33.
1220	33.	1221	33.	1222	33.	1223	33.	1224	33.
1225	33.	1226	33.	1227	32.	1228	32.	1229	32.
1230	32.	1231	32.	1232	32.	1233	32.	1234	32.
1235	32.	1236	32.	1237	32.	1238	32.	1239	32.
1240	32.	1241	32.	1242	32.	1243	32.	1244	32.
1245	32.	1246	32.	1247	32.	1248	32.	1249	32.
1250	32.	1251	32.	1252	32.	1253	32.	1254	32.
1255	32.	1256	31.	1257	31.	1258	31.	1259	31.
1260	31.	1261	31.	1262	31.	1263	31.	1264	31.
1265	31.	1266	31.	1267	31.	1268	31.	1269	31.
1270	31.	1271	31.	1272	31.	1273	31.	1274	31.
1275	31.	1276	31.	1277	31.	1278	31.	1279	31.
1280	31.	1281	31.	1282	31.	1283	30.	1284	30.

CALLEGUA. 990											
1285	30.	1286	30.	1287	30.	1288	30.	1289	30.		
1290	30.	1291	30.	1292	30.	1293	30.	1294	30.		
1295	30.	1296	30.	1297	30.	1298	30.	1299	30.		
1300	30.	1310	29.	1320	29.	1330	29.	1340	28.		
1350	28.	1360	28.	1370	27.	1380	27.	1390	27.		
1400	26.	1420	26.	1440	25.	1460	24.	1500	23.		

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 2509C

ELEVATION	STORAGE	DISCHARGE
FT	ACFT	CFS
724.50	0.00	0.00
730.00	17.28	0.01
731.50	23.52	0.01
732.50	27.66	15.10
733.50	31.81	21.40
734.00	33.89	23.80
735.50	40.63	30.20
736.00	42.88	32.10
737.00	47.66	35.50
738.00	52.75	250.00

```

*****
*                               RESERVOIR ROUTING AT 2528BC                               *
* INCOMING HYDROGRAPH PEAK      = 3568.19      INCOMING HYDROGRAPH VOLUME      = 1810.36 AC. FT. *
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000                                           *
* RESERVOIR INFLOW PEAK        = 3568.19 TIME OF PEAK = 1158 VOLUME UNDER INFLOW HYDROGRAPH = 1810.36 AC. FT. *
* MAXIMUM ELEVATION           = 699.92 TIME           = 1158 SPILLAGE ELEVATION = 700.00 DIFFERENCE = -0.08 *
* SPILLED FROM ***** TO 1290 FOR ***** MINUTES                               *
* RESERVOIR OUTFLOW PEAK      = 3561.11 TIME OF PEAK = 1158 VOLUME UNDER OUTFLOW HYDROGRAPH = 1718.49 AC. FT. *
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING
HYDROGRAPH AT 15031 2528BC STORM DAY 4 ADJUSTMENT FACTOR = 1.000

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	89.	200	212.	300	284.	400	339.
500	382.	600	429.	700	498.	800	601.	900	754.
1000	1047.	1050	1413.	1100	1810.	1110	2095.	1120	2254.
1130	2462.	1131	2505.	1132	2545.	1133	2580.	1134	2614.
1135	2648.	1136	2686.	1137	2722.	1138	2760.	1139	2798.
1140	2837.	1141	2873.	1142	2907.	1143	2943.	1144	2975.
1145	3007.	1146	3041.	1147	3076.	1148	3114.	1149	3154.
1150	3181.	1151	3194.	1152	3211.	1153	3299.	1154	3418.
1155	3486.	1156	3527.	1157	3550.	1158	3561.	1159	3561.
1160	3547.	1161	3524.	1162	3495.	1163	3459.	1164	3421.
1165	3383.	1166	3349.	1167	3318.	1168	3291.	1169	3272.
1170	3259.	1171	3252.	1172	3247.	1173	3243.	1174	3240.
1175	3236.	1176	3233.	1177	3229.	1178	3225.	1179	3220.
1180	3219.	1181	3218.	1182	3216.	1183	3214.	1184	3212.
1185	3210.	1186	3208.	1187	3209.	1188	3214.	1189	3231.
1190	3279.	1191	3295.	1192	3295.	1193	3288.	1194	3280.
1195	3273.	1196	3264.	1197	3248.	1198	3222.	1199	3215.
1200	3207.	1201	3197.	1202	3184.	1203	3155.	1204	3102.
1205	3057.	1206	3018.	1207	2984.	1208	2953.	1209	2924.
1210	2897.	1211	2874.	1212	2850.	1213	2825.	1214	2801.

CALLEGUA. 990									
1215	2776.	1216	2752.	1217	2727.	1218	2703.	1219	2679.
1220	2655.	1221	2633.	1222	2614.	1223	2594.	1224	2574.
1225	2555.	1226	2535.	1227	2517.	1228	2498.	1229	2480.
1230	2463.	1231	2446.	1232	2430.	1233	2413.	1234	2398.
1235	2381.	1236	2364.	1237	2348.	1238	2332.	1239	2317.
1240	2302.	1241	2286.	1242	2272.	1243	2257.	1244	2243.
1245	2228.	1246	2214.	1247	2201.	1248	2187.	1249	2174.
1250	2160.	1251	2147.	1252	2134.	1253	2121.	1254	2108.
1255	2096.	1256	2083.	1257	2071.	1258	2059.	1259	2047.
1260	2034.	1261	2017.	1262	2004.	1263	1992.	1264	1981.
1265	1970.	1266	1960.	1267	1949.	1268	1938.	1269	1928.
1270	1916.	1271	1905.	1272	1894.	1273	1882.	1274	1871.
1275	1859.	1276	1847.	1277	1836.	1278	1824.	1279	1812.
1280	1800.	1281	1788.	1282	1776.	1283	1764.	1284	1753.
1285	1741.	1286	1730.	1287	1719.	1288	1708.	1289	1697.
1290	1687.	1291	1677.	1292	1668.	1293	1658.	1294	1649.
1295	1640.	1296	1632.	1297	1624.	1298	1616.	1299	1608.
1300	1600.	1310	1548.	1320	1453.	1330	1358.	1340	1264.
1350	1171.	1360	1074.	1370	984.	1380	907.	1390	845.
1400	795.	1420	738.	1440	678.	1460	628.	1500	575.

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 2528BC

ELEVATION FT	STORAGE ACFT	DISCHARGE CFS
691.00	0.00	0.00
692.00	0.07	975.00
693.00	0.70	1475.00
694.00	2.12	2040.00
695.00	3.64	2390.00
696.00	4.84	2640.00
697.00	5.90	2905.00
698.00	6.81	3175.00
699.00	7.45	3220.00
700.00	8.00	3590.00
701.00	8.60	3990.00

 * HYDROGRAPH FATTENED AT 2610CD *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.87700 *
 * ADJUSTED HYDROGRAPH PEAK = 2690.34 *
 * RUNOFF FACTOR = 6.50 IN. *
 * ADJUSTED HYDROGRAPH VOLUME = 655.85 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 2610CD STORM DAY 4 ADJUSTMENT FACTOR = 0.877

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	108.	200	119.	300	146.	400	168.
500	182.	600	204.	700	235.	800	263.	900	323.
1000	436.	1050	535.	1100	636.	1110	684.	1120	734.
1130	835.	1131	848.	1132	861.	1133	874.	1134	888.
1135	902.	1136	915.	1137	930.	1138	946.	1139	963.
1140	979.	1141	999.	1142	1018.	1143	1040.	1144	1064.
1145	1094.	1146	1126.	1147	1160.	1148	1197.	1149	1255.
1150	1318.	1151	1368.	1152	1484.	1153	1598.	1154	1712.
1155	1837.	1156	1954.	1157	2055.	1158	2151.	1159	2214.
1160	2300.	1161	2369.	1162	2464.	1163	2566.	1164	2632.
1165	2666.	1166	2687.	1167	2690.	1168	2679.	1169	2659.

CALLEGUA. 990									
1170	2631.	1171	2598.	1172	2563.	1173	2521.	1174	2479.
1175	2431.	1176	2379.	1177	2324.	1178	2262.	1179	2198.
1180	2126.	1181	2051.	1182	1976.	1183	1901.	1184	1828.
1185	1756.	1186	1681.	1187	1607.	1188	1533.	1189	1462.
1190	1393.	1191	1327.	1192	1266.	1193	1214.	1194	1169.
1195	1127.	1196	1085.	1197	1046.	1198	1007.	1199	970.
1200	935.	1201	902.	1202	872.	1203	844.	1204	818.
1205	793.	1206	769.	1207	748.	1208	728.	1209	711.
1210	695.	1211	681.	1212	668.	1213	657.	1214	645.
1215	635.	1216	627.	1217	618.	1218	610.	1219	601.
1220	593.	1221	586.	1222	578.	1223	570.	1224	564.
1225	557.	1226	551.	1227	545.	1228	539.	1229	534.
1230	529.	1231	525.	1232	521.	1233	517.	1234	513.
1235	509.	1236	506.	1237	502.	1238	499.	1239	495.
1240	492.	1241	489.	1242	486.	1243	482.	1244	480.
1245	476.	1246	473.	1247	471.	1248	468.	1249	466.
1250	463.	1251	461.	1252	459.	1253	456.	1254	454.
1255	452.	1256	450.	1257	448.	1258	446.	1259	444.
1260	442.	1261	440.	1262	438.	1263	436.	1264	435.
1265	433.	1266	431.	1267	429.	1268	427.	1269	425.
1270	423.	1271	420.	1272	418.	1273	416.	1274	414.
1275	412.	1276	410.	1277	409.	1278	407.	1279	405.
1280	404.	1281	402.	1282	401.	1283	399.	1284	397.
1285	395.	1286	393.	1287	391.	1288	389.	1289	388.
1290	386.	1291	384.	1292	382.	1293	380.	1294	378.
1295	377.	1296	375.	1297	374.	1298	372.	1299	371.
1300	370.	1310	346.	1320	318.	1330	296.	1340	275.
1350	247.	1360	219.	1370	198.	1380	180.	1390	163.
1400	149.	1420	129.	1440	117.	1460	106.	1500	105.

* HYDROGRAPH ADJUSTMENT FACTOR = 0.87700 HYDROGRAPH FATTENED AT 2610CD *
* ADJUSTED HYDROGRAPH PEAK = 2690.34 RUNOFF FACTOR = 6.50 IN. *
* ADJUSTED HYDROGRAPH VOLUME = 951.27 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING									
HYDROGRAPH AT 15031		2610CD		STORM DAY 4		ADJUSTMENT FACTOR = 0.877			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	115.	200	135.	300	166.	400	192.
500	213.	600	244.	700	290.	800	343.	900	447.
1000	655.	1050	844.	1100	1109.	1110	1199.	1120	1295.
1130	1434.	1131	1450.	1132	1466.	1133	1482.	1134	1499.
1135	1515.	1136	1531.	1137	1549.	1138	1567.	1139	1585.
1140	1604.	1141	1624.	1142	1644.	1143	1666.	1144	1688.
1145	1715.	1146	1742.	1147	1771.	1148	1801.	1149	1843.
1150	1887.	1151	1923.	1152	1998.	1153	2069.	1154	2140.
1155	2215.	1156	2285.	1157	2344.	1158	2400.	1159	2436.
1160	2485.	1161	2523.	1162	2574.	1163	2627.	1164	2661.
1165	2678.	1166	2689.	1167	2690.	1168	2685.	1169	2675.
1170	2661.	1171	2644.	1172	2625.	1173	2603.	1174	2580.
1175	2553.	1176	2523.	1177	2492.	1178	2456.	1179	2418.
1180	2375.	1181	2329.	1182	2283.	1183	2236.	1184	2189.
1185	2143.	1186	2094.	1187	2045.	1188	1995.	1189	1946.
1190	1898.	1191	1852.	1192	1808.	1193	1769.	1194	1734.
1195	1701.	1196	1668.	1197	1636.	1198	1604.	1199	1573.
1200	1543.	1201	1515.	1202	1488.	1203	1462.	1204	1438.
1205	1414.	1206	1391.	1207	1370.	1208	1350.	1209	1331.
1210	1313.	1211	1296.	1212	1281.	1213	1266.	1214	1252.

CALLEGUA. 990									
1215	1238.	1216	1226.	1217	1214.	1218	1201.	1219	1189.
1220	1177.	1221	1166.	1222	1154.	1223	1143.	1224	1132.
1225	1121.	1226	1111.	1227	1101.	1228	1091.	1229	1082.
1230	1073.	1231	1064.	1232	1056.	1233	1047.	1234	1039.
1235	1032.	1236	1024.	1237	1016.	1238	1008.	1239	1001.
1240	994.	1241	987.	1242	979.	1243	972.	1244	966.
1245	958.	1246	952.	1247	945.	1248	939.	1249	933.
1250	927.	1251	920.	1252	915.	1253	909.	1254	903.
1255	897.	1256	892.	1257	886.	1258	881.	1259	876.
1260	870.	1261	865.	1262	860.	1263	855.	1264	850.
1265	845.	1266	840.	1267	835.	1268	829.	1269	825.
1270	820.	1271	814.	1272	809.	1273	804.	1274	800.
1275	795.	1276	790.	1277	786.	1278	782.	1279	777.
1280	773.	1281	769.	1282	765.	1283	760.	1284	756.
1285	752.	1286	747.	1287	743.	1288	739.	1289	734.
1290	730.	1291	726.	1292	722.	1293	718.	1294	714.
1295	710.	1296	706.	1297	702.	1298	699.	1299	695.
1300	692.	1310	649.	1320	605.	1330	566.	1340	531.
1350	491.	1360	452.	1370	419.	1380	391.	1390	364.
1400	341.	1420	305.	1440	278.	1460	254.	1500	231.

```

*****
*
*           RESERVOIR ROUTING AT 2613F
* INCOMING HYDROGRAPH PEAK = 2074.19 INCOMING HYDROGRAPH VOLUME = 91.44 AC. FT.
* HYDROGRAPH ADJUSTMENT FACTOR = 1.0000
* RESERVOIR INFLOW PEAK = 2074.19 TIME OF PEAK = 1163 VOLUME UNDER INFLOW HYDROGRAPH = 91.44 AC. FT.
* MAXIMUM ELEVATION = 640.39 TIME = 1221 SPILLAGE ELEVATION = 642.50 DIFFERENCE = -2.11
* SPILLED FROM **** TO 1290 FOR **** MINUTES
* RESERVOIR OUTFLOW PEAK = 3.98 TIME OF PEAK = 1221 VOLUME UNDER OUTFLOW HYDROGRAPH = 1.77 AC. FT.
*****

```

HYDROGRAPH AFTER RESERVOIR ROUTING									
HYDROGRAPH AT 15031		2613F		STORM DAY 4		ADJUSTMENT FACTOR = 1.000			
TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	0.	200	0.	300	0.	400	0.
500	0.	600	0.	700	0.	800	0.	900	0.
1000	0.	1050	0.	1100	0.	1110	0.	1120	0.
1130	0.	1131	0.	1132	0.	1133	0.	1134	0.
1135	0.	1136	0.	1137	0.	1138	0.	1139	0.
1140	0.	1141	0.	1142	0.	1143	0.	1144	0.
1145	0.	1146	0.	1147	0.	1148	0.	1149	0.
1150	0.	1151	0.	1152	0.	1153	0.	1154	0.
1155	0.	1156	0.	1157	0.	1158	0.	1159	1.
1160	1.	1161	1.	1162	1.	1163	1.	1164	1.
1165	1.	1166	1.	1167	2.	1168	2.	1169	2.
1170	2.	1171	2.	1172	2.	1173	2.	1174	2.
1175	2.	1176	2.	1177	2.	1178	2.	1179	3.
1180	3.	1181	3.	1182	3.	1183	3.	1184	3.
1185	3.	1186	3.	1187	3.	1188	3.	1189	3.
1190	3.	1191	3.	1192	3.	1193	4.	1194	4.
1195	4.	1196	4.	1197	4.	1198	4.	1199	4.
1200	4.	1201	4.	1202	4.	1203	4.	1204	4.
1205	4.	1206	4.	1207	4.	1208	4.	1209	4.
1210	4.	1211	4.	1212	4.	1213	4.	1214	4.
1215	4.	1216	4.	1217	4.	1218	4.	1219	4.
1220	4.	1221	4.	1222	4.	1223	4.	1224	4.

CALLEGUA. 990											
1225	4.	1226	4.	1227	4.	1228	4.	1229	4.	1230	4.
1230	4.	1231	4.	1232	4.	1233	4.	1234	4.	1235	4.
1235	4.	1236	4.	1237	4.	1238	4.	1239	4.	1240	4.
1240	4.	1241	4.	1242	4.	1243	4.	1244	4.	1245	4.
1245	4.	1246	4.	1247	4.	1248	4.	1249	4.	1250	4.
1250	4.	1251	4.	1252	4.	1253	4.	1254	4.	1255	4.
1255	4.	1256	4.	1257	4.	1258	4.	1259	4.	1260	4.
1260	4.	1261	4.	1262	4.	1263	4.	1264	4.	1265	4.
1265	4.	1266	4.	1267	4.	1268	4.	1269	4.	1270	4.
1270	4.	1271	4.	1272	4.	1273	4.	1274	4.	1275	4.
1275	4.	1276	4.	1277	4.	1278	4.	1279	4.	1280	4.
1280	4.	1281	4.	1282	4.	1283	4.	1284	4.	1285	4.
1285	4.	1286	4.	1287	4.	1288	4.	1289	4.	1290	4.
1290	4.	1291	4.	1292	4.	1293	4.	1294	4.	1295	4.
1295	4.	1296	4.	1297	4.	1298	4.	1299	4.	1300	4.
1300	4.	1310	4.	1320	4.	1330	4.	1340	4.	1350	4.
1350	4.	1360	4.	1370	4.	1380	4.	1390	4.	1400	4.
1400	4.	1420	4.	1440	4.	1460	4.	1500	4.		

STORAGE - DISCHARGE TABLE FOR HYDROGRAPH AT 2613F

ELEVATION FT	STORAGE ACFT	DISCHARGE CFS
634.50	0.00	0.00
641.90	114.59	5.00
641.94	115.21	20.00
641.99	115.98	30.00
642.06	117.07	40.00
642.16	118.61	50.00
642.27	120.32	60.00
642.40	122.33	70.00
642.48	123.57	75.00

 * HYDROGRAPH FATTENED AT 2661D *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.93000 RUNOFF FACTOR = 7.87 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 1345.68 ADJUSTED HYDROGRAPH VOLUME = 206.14 AC. FT. *

ADJUSTED HYDROGRAPH BEFORE FATTENING
 HYDROGRAPH AT 15031 2661D STORM DAY 4 ADJUSTMENT FACTOR = 0.930

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	42.	200	48.	300	57.	400	59.
500	64.	600	69.	700	78.	800	86.	900	107.
1000	144.	1050	180.	1100	203.	1110	243.	1120	260.
1130	308.	1131	314.	1132	321.	1133	329.	1134	338.
1135	346.	1136	351.	1137	360.	1138	368.	1139	376.
1140	385.	1141	396.	1142	408.	1143	419.	1144	432.
1145	451.	1146	476.	1147	500.	1148	528.	1149	581.
1150	639.	1151	682.	1152	805.	1153	921.	1154	1041.
1155	1162.	1156	1259.	1157	1321.	1158	1346.	1159	1314.
1160	1260.	1161	1216.	1162	1088.	1163	973.	1164	879.
1165	780.	1166	681.	1167	592.	1168	513.	1169	445.
1170	384.	1171	344.	1172	310.	1173	285.	1174	264.
1175	251.	1176	240.	1177	232.	1178	224.	1179	215.
1180	212.	1181	206.	1182	201.	1183	196.	1184	192.
1185	188.	1186	184.	1187	182.	1188	180.	1189	178.

CALLEGUA. 990

1190	176.	1191	175.	1192	174.	1193	175.	1194	176.
1195	177.	1196	178.	1197	179.	1198	180.	1199	180.
1200	180.	1201	179.	1202	178.	1203	176.	1204	174.
1205	171.	1206	168.	1207	164.	1208	160.	1209	157.
1210	153.	1211	150.	1212	148.	1213	147.	1214	145.
1215	144.	1216	144.	1217	143.	1218	143.	1219	142.
1220	142.	1221	143.	1222	142.	1223	141.	1224	142.
1225	142.	1226	141.	1227	141.	1228	141.	1229	141.
1230	141.	1231	140.	1232	141.	1233	141.	1234	140.
1235	140.	1236	140.	1237	139.	1238	139.	1239	138.
1240	137.	1241	136.	1242	135.	1243	134.	1244	134.
1245	133.	1246	132.	1247	132.	1248	131.	1249	131.
1250	131.	1251	130.	1252	130.	1253	130.	1254	130.
1255	130.	1256	130.	1257	130.	1258	130.	1259	130.
1260	130.	1261	130.	1262	129.	1263	129.	1264	128.
1265	128.	1266	126.	1267	124.	1268	123.	1269	121.
1270	119.	1271	117.	1272	115.	1273	114.	1274	112.
1275	110.	1276	110.	1277	109.	1278	108.	1279	107.
1280	106.	1281	107.	1282	106.	1283	105.	1284	106.
1285	106.	1286	106.	1287	105.	1288	106.	1289	106.
1290	106.	1291	105.	1292	106.	1293	106.	1294	106.
1295	105.	1296	105.	1297	106.	1298	105.	1299	105.
1300	105.	1310	91.	1320	78.	1330	74.	1340	74.
1350	60.	1360	48.	1370	43.	1380	42.	1390	42.
1400	42.	1420	39.	1440	39.	1460	33.	1500	33.

 * HYDROGRAPH FATTENED AT 2661D *
 * HYDROGRAPH ADJUSTMENT FACTOR = 0.93000 RUNOFF FACTOR = 7.87 IN. *
 * ADJUSTED HYDROGRAPH PEAK = 1345.68 ADJUSTED HYDROGRAPH VOLUME = 304.21 AC. FT. *

ADJUSTED HYDROGRAPH AFTER FATTENING

HYDROGRAPH AT 15031 2661D STORM DAY 4 ADJUSTMENT FACTOR = 0.930

TIME	Q	TIME	Q	TIME	Q	TIME	Q	TIME	Q
0	0.	100	43.	200	52.	300	63.	400	66.
500	73.	600	80.	700	94.	800	109.	900	145.
1000	213.	1050	281.	1100	370.	1110	424.	1120	463.
1130	529.	1131	537.	1132	546.	1133	556.	1134	566.
1135	575.	1136	583.	1137	593.	1138	602.	1139	612.
1140	622.	1141	634.	1142	646.	1143	658.	1144	671.
1145	689.	1146	711.	1147	732.	1148	756.	1149	797.
1150	842.	1151	876.	1152	965.	1153	1049.	1154	1134.
1155	1219.	1156	1287.	1157	1329.	1158	1346.	1159	1324.
1160	1287.	1161	1257.	1162	1167.	1163	1086.	1164	1018.
1165	946.	1166	873.	1167	806.	1168	746.	1169	694.
1170	646.	1171	613.	1172	584.	1173	562.	1174	542.
1175	529.	1176	517.	1177	507.	1178	497.	1179	487.
1180	480.	1181	472.	1182	465.	1183	457.	1184	451.
1185	444.	1186	438.	1187	433.	1188	428.	1189	423.
1190	419.	1191	415.	1192	411.	1193	409.	1194	406.
1195	404.	1196	403.	1197	401.	1198	399.	1199	396.
1200	394.	1201	390.	1202	387.	1203	383.	1204	379.
1205	374.	1206	369.	1207	364.	1208	358.	1209	353.
1210	347.	1211	343.	1212	339.	1213	336.	1214	333.
1215	330.	1216	327.	1217	325.	1218	322.	1219	320.
1220	318.	1221	316.	1222	314.	1223	312.	1224	310.
1225	309.	1226	306.	1227	304.	1228	303.	1229	302.
1230	299.	1231	297.	1232	296.	1233	295.	1234	293.

CALLEGUA. 990

1235	291.	1236	289.	1237	287.	1238	286.	1239	283.
1240	281.	1241	279.	1242	277.	1243	275.	1244	273.
1245	271.	1246	269.	1247	268.	1248	265.	1249	264.
1250	263.	1251	261.	1252	260.	1253	259.	1254	257.
1255	256.	1256	255.	1257	254.	1258	253.	1259	252.
1260	251.	1261	250.	1262	248.	1263	246.	1264	245.
1265	244.	1266	241.	1267	239.	1268	237.	1269	234.
1270	231.	1271	228.	1272	226.	1273	224.	1274	221.
1275	219.	1276	217.	1277	216.	1278	214.	1279	212.
1280	211.	1281	210.	1282	209.	1283	207.	1284	207.
1285	207.	1286	205.	1287	204.	1288	204.	1289	204.
1290	202.	1291	201.	1292	201.	1293	200.	1294	200.
1295	198.	1296	198.	1297	198.	1298	197.	1299	196.
1300	195.	1310	176.	1320	158.	1330	149.	1340	144.
1350	127.	1360	112.	1370	104.	1380	100.	1390	97.
1400	94.	1420	86.	1440	82.	1460	73.	1500	67.

RESERVOIR ROUTING AT 56B

TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT	TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT
0	0.00	0.00	0.00	1110.00	1165	1703.73	1703.73	638.44	1128.98
100	9.23	10.08	2.59	1110.17	1166	1694.61	1695.75	646.56	1129.36
200	17.43	19.45	11.06	1110.74	1167	1666.42	1671.00	654.43	1129.73
300	28.41	30.85	20.78	1111.39	1168	1622.79	1632.57	664.63	1130.09
400	39.82	42.84	33.41	1112.10	1169	1570.88	1586.65	681.31	1130.40
500	45.57	49.41	44.85	1112.42	1170	1517.74	1539.44	696.87	1130.70
600	58.57	63.61	54.32	1112.69	1171	1457.34	1485.60	711.27	1130.97
700	70.50	77.44	68.22	1113.09	1172	1395.89	1430.61	745.76	1131.21
800	86.35	96.48	83.91	1113.54	1173	1339.46	1379.87	779.07	1131.42
900	121.73	137.78	111.40	1114.24	1174	1284.04	1329.82	808.15	1131.60
1000	194.77	223.69	169.10	1115.45	1175	1227.02	1278.17	833.19	1131.76
1050	288.46	329.47	252.67	1117.00	1176	1169.63	1226.01	854.35	1131.89
1100	384.71	448.98	341.33	1118.63	1177	1112.52	1173.92	872.18	1132.01
1110	434.26	504.13	366.35	1119.16	1178	1059.78	1125.60	892.67	1132.10
1120	486.60	562.85	399.26	1119.98	1179	1009.22	1079.08	908.15	1132.17
1130	559.35	641.67	427.77	1120.93	1180	960.48	1034.07	919.10	1132.22
1131	569.81	652.56	431.44	1121.04	1181	914.97	991.85	926.03	1132.25
1132	578.67	661.97	435.35	1121.16	1182	872.29	952.09	929.42	1132.27
1133	587.61	671.45	439.36	1121.28	1183	832.78	915.09	929.73	1132.27
1134	596.13	680.56	443.46	1121.41	1184	800.17	884.27	927.51	1132.26
1135	606.08	690.99	447.66	1121.54	1185	771.82	857.25	923.32	1132.24
1136	616.41	701.79	451.97	1121.67	1186	745.18	831.74	917.50	1132.21
1137	625.97	711.87	456.39	1121.80	1187	720.08	807.59	910.28	1132.18
1138	636.20	722.57	460.91	1121.94	1188	696.97	785.22	901.88	1132.14
1139	648.39	735.08	465.16	1122.07	1189	676.63	765.35	892.53	1132.10
1140	660.66	747.67	469.22	1122.21	1190	657.24	746.33	882.44	1132.05
1141	672.27	759.64	473.40	1122.36	1191	640.17	729.41	871.77	1132.00
1142	684.15	771.86	477.69	1122.51	1192	624.32	713.59	863.94	1131.96
1143	696.95	784.93	482.11	1122.66	1193	609.73	698.93	855.97	1131.90
1144	712.04	800.08	486.67	1122.82	1194	596.34	685.37	847.70	1131.85
1145	728.33	816.30	491.39	1122.98	1195	583.57	672.37	839.17	1131.80
1146	746.23	833.98	496.00	1123.14	1196	572.69	661.11	830.46	1131.74
1147	766.19	853.51	500.75	1123.31	1197	562.22	650.24	821.64	1131.69
1148	786.52	873.34	505.71	1123.49	1198	552.89	640.41	812.73	1131.63
1149	812.23	898.01	510.91	1123.68	1199	544.25	631.24	803.79	1131.57
1150	852.44	935.71	516.47	1123.87	1200	536.28	622.69	794.86	1131.52
1151	898.54	978.62	522.08	1124.08	1201	528.63	614.45	785.96	1131.46
1152	957.11	1032.62	527.60	1124.30	1202	520.52	605.78	777.08	1131.41
1153	1047.69	1115.17	533.83	1124.55	1203	512.85	597.54	768.22	1131.35

CALLEGUA. 990

1154	1144.80	1203.27	540.97	1124.84	1204	504.94	589.08	759.38	1131.29
1155	1222.65	1273.86	548.81	1125.15	1205	497.74	581.29	750.58	1131.24
1156	1296.03	1340.18	557.18	1125.49	1206	491.15	574.07	741.85	1131.18
1157	1361.35	1399.08	566.16	1125.85	1207	483.97	566.32	733.18	1131.13
1158	1423.68	1455.09	575.11	1126.21	1208	477.54	559.27	724.58	1131.07
1159	1486.85	1511.61	584.17	1126.59	1209	471.40	552.51	716.06	1131.02
1160	1530.01	1550.19	593.60	1126.98	1210	465.83	546.28	711.13	1130.96
1161	1569.72	1585.58	602.06	1127.37	1211	461.08	540.84	708.17	1130.91
1162	1620.68	1630.69	610.73	1127.76	1212	455.51	534.63	705.16	1130.85
1163	1665.10	1669.84	619.75	1128.16	1213	450.52	528.99	702.10	1130.79
1164	1694.04	1695.26	629.06	1128.57	1214	446.36	524.12	699.00	1130.74

RESERVOIR ROUTING AT

56B

TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT	TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT
1215	441.29	518.43	695.87	1130.68	1265	263.85	316.01	574.83	1126.20
1216	436.26	512.78	692.69	1130.62	1266	262.03	313.79	572.24	1126.09
1217	431.81	507.68	689.47	1130.56	1267	260.37	311.73	569.61	1125.98
1218	427.43	502.65	686.21	1130.49	1268	259.19	310.13	566.76	1125.87
1219	422.52	497.14	682.92	1130.43	1269	257.26	307.82	563.91	1125.76
1220	416.20	490.31	679.59	1130.37	1270	255.61	305.78	561.07	1125.64
1221	410.10	483.70	676.19	1130.31	1271	253.87	303.67	558.24	1125.53
1222	404.75	477.79	672.74	1130.24	1272	252.14	301.56	555.41	1125.42
1223	399.41	471.92	669.25	1130.17	1273	250.32	299.37	552.60	1125.30
1224	393.88	465.86	665.71	1130.11	1274	248.52	297.21	549.79	1125.19
1225	388.19	459.66	662.13	1130.04	1275	246.70	295.03	546.98	1125.08
1226	383.49	454.41	659.36	1129.97	1276	244.19	292.19	544.16	1124.97
1227	378.74	449.12	657.78	1129.89	1277	242.36	290.02	541.27	1124.85
1228	373.83	443.68	656.18	1129.82	1278	240.25	287.57	538.39	1124.74
1229	368.78	438.12	654.55	1129.74	1279	238.24	285.22	535.51	1124.62
1230	364.07	432.89	652.89	1129.66	1280	236.70	283.34	532.65	1124.51
1231	360.20	428.47	651.20	1129.58	1281	234.35	280.67	529.79	1124.39
1232	355.92	423.66	649.50	1129.50	1282	232.23	278.24	526.93	1124.28
1233	352.28	419.46	647.77	1129.42	1283	230.61	276.28	524.08	1124.16
1234	348.56	415.21	646.02	1129.33	1284	228.20	273.57	521.24	1124.05
1235	344.52	410.65	644.25	1129.25	1285	225.96	271.03	518.08	1123.93
1236	341.33	406.91	642.47	1129.17	1286	224.24	269.00	514.68	1123.81
1237	337.83	402.89	640.67	1129.08	1287	222.42	266.87	511.31	1123.69
1238	334.49	399.03	638.82	1128.99	1288	220.61	264.76	507.95	1123.57
1239	330.70	394.74	636.70	1128.90	1289	218.75	262.60	504.61	1123.45
1240	324.06	387.74	634.55	1128.81	1290	216.94	260.49	501.28	1123.33
1241	317.62	380.94	632.36	1128.71	1291	215.16	258.42	497.97	1123.21
1242	312.37	375.28	630.13	1128.61	1292	213.37	256.33	494.68	1123.10
1243	307.52	370.01	627.88	1128.52	1293	211.57	254.25	491.36	1122.98
1244	303.15	365.20	625.60	1128.42	1294	209.81	252.20	487.87	1122.86
1245	299.39	360.98	623.30	1128.32	1295	208.12	250.23	484.39	1122.74
1246	296.21	357.32	620.98	1128.22	1296	207.07	248.88	480.94	1122.62
1247	293.38	354.00	618.66	1128.12	1297	205.87	247.39	477.52	1122.50
1248	291.19	351.31	616.33	1128.01	1298	204.19	245.44	474.13	1122.38
1249	288.93	348.55	614.03	1127.91	1299	203.31	244.27	470.76	1122.27
1250	286.65	345.78	611.73	1127.81	1300	202.21	242.88	467.43	1122.15
1251	284.40	343.05	609.42	1127.70	1310	189.86	227.92	431.42	1121.04
1252	282.85	341.00	607.12	1127.60	1320	172.77	208.60	399.30	1119.98
1253	280.98	338.64	604.81	1127.49	1330	155.14	188.98	357.67	1118.95
1254	279.30	336.48	602.51	1127.39	1340	140.66	172.64	323.14	1118.26
1255	277.62	334.32	600.20	1127.28	1350	127.57	157.84	272.54	1117.35
1256	275.83	332.06	597.90	1127.18	1360	116.14	144.82	225.10	1116.52
1257	274.74	330.49	595.60	1127.07	1370	104.29	131.53	192.34	1115.94
1258	272.91	328.21	593.20	1126.97	1380	93.05	118.97	172.23	1115.52

CALLEGUA. 990

1259	271.21	326.05	590.55	1126.86	1390	83.57	108.24	154.64	1115.15
1260	270.11	324.48	587.90	1126.75	1400	76.81	100.31	139.45	1114.83
1261	268.93	322.85	585.27	1126.64	1420	66.44	87.81	116.91	1114.36
1262	267.67	321.14	582.65	1126.53	1440	59.71	79.23	100.26	1114.01
1263	266.38	319.41	580.03	1126.42	1460	54.28	72.18	89.04	1113.69
1264	265.11	317.71	577.43	1126.31	1500	50.33	65.54	75.13	1113.29

RESERVOIR ROUTING AT 159B

TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT	TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT
0	0.00	0.00	0.00	1190.00	1165	5137.13	4246.82	499.35	1209.84
100	25.60	31.32	2.61	1190.06	1166	5243.98	4297.38	500.10	1210.03
200	27.95	48.74	13.00	1190.28	1167	5343.89	4343.95	500.66	1210.17
300	86.89	100.35	28.42	1190.62	1168	5441.58	4388.65	501.22	1210.32
400	135.92	146.16	61.65	1191.19	1169	5539.60	4432.60	501.79	1210.47
500	172.44	185.26	110.43	1191.78	1170	5573.96	4448.51	502.36	1210.62
600	231.42	246.58	162.11	1192.31	1171	5613.18	4466.14	502.94	1210.77
700	302.11	325.17	224.21	1192.89	1172	5717.14	4510.33	503.52	1210.93
800	398.66	438.93	310.16	1193.58	1173	5685.48	4497.74	504.10	1211.08
900	562.66	635.61	418.50	1194.66	1174	5707.34	4507.21	504.68	1211.23
1000	889.80	1028.77	437.25	1197.08	1175	5759.83	4528.72	505.26	1211.39
1050	1187.73	1384.81	457.73	1199.71	1176	5797.51	4543.81	505.85	1211.54
1100	1471.42	1826.04	470.23	1202.56	1177	5799.79	4544.71	506.44	1211.69
1110	1568.50	1958.85	473.20	1203.30	1178	5772.95	4534.11	507.02	1211.85
1120	1706.42	2123.95	476.47	1204.12	1179	5719.91	4512.76	507.61	1212.00
1130	1906.77	2332.30	480.10	1205.03	1180	5635.01	4477.97	508.19	1212.15
1131	1929.40	2354.91	480.50	1205.13	1181	5539.71	4438.08	508.76	1212.31
1132	1953.72	2378.51	480.90	1205.23	1182	5459.23	4403.41	509.33	1212.46
1133	1981.47	2404.08	481.31	1205.33	1183	5389.46	4372.49	509.89	1212.60
1134	2010.60	2430.43	481.73	1205.43	1184	5327.94	4344.43	510.45	1212.75
1135	2039.17	2456.48	482.14	1205.54	1185	5263.17	4314.44	511.01	1212.90
1136	2063.08	2479.97	482.57	1205.64	1186	5206.05	4287.21	511.56	1213.04
1137	2094.31	2507.51	483.00	1205.75	1187	5142.46	4256.67	512.11	1213.19
1138	2126.09	2535.36	483.43	1205.86	1188	5074.63	4223.74	512.65	1213.33
1139	2159.97	2564.34	483.87	1205.97	1189	4997.02	4185.90	513.18	1213.47
1140	2196.44	2594.71	484.32	1206.08	1190	4904.87	4140.88	513.72	1213.61
1141	2237.87	2627.70	484.78	1206.19	1191	4815.52	4096.43	514.24	1213.75
1142	2276.17	2658.94	485.24	1206.31	1192	4710.76	4044.21	514.76	1213.88
1143	2317.10	2691.54	485.71	1206.43	1193	4601.13	3988.96	515.27	1214.02
1144	2361.55	2725.92	486.18	1206.54	1194	4486.76	3930.69	515.77	1214.15
1145	2417.26	2766.13	486.66	1206.67	1195	4366.56	3868.85	516.26	1214.28
1146	2476.19	2807.85	487.15	1206.79	1196	4242.74	3804.45	516.74	1214.41
1147	2538.38	2851.05	487.65	1206.91	1197	4117.26	3738.40	517.21	1214.53
1148	2603.41	2895.49	488.16	1207.04	1198	3992.74	3671.99	517.68	1214.65
1149	2721.34	2966.79	488.68	1207.17	1199	3868.73	3605.01	518.13	1214.77
1150	2845.03	3040.40	489.22	1207.31	1200	3745.93	3537.85	518.58	1214.89
1151	2907.11	3082.17	489.77	1207.44	1201	3624.02	3470.37	519.01	1215.00
1152	3105.78	3192.25	490.34	1207.58	1202	3504.90	3403.55	519.43	1215.11
1153	3255.60	3276.71	490.92	1207.73	1203	3387.29	3336.79	519.85	1215.22
1154	3381.70	3348.50	491.52	1207.88	1204	3276.42	3272.77	520.25	1215.33
1155	3509.56	3420.37	492.14	1208.04	1205	3169.38	3210.09	520.65	1215.43
1156	3666.55	3505.61	492.78	1208.19	1206	3065.15	3148.29	521.03	1215.54
1157	3865.67	3610.12	493.43	1208.36	1207	2968.19	3089.71	521.41	1215.63
1158	4057.97	3709.95	494.11	1208.53	1208	2872.41	3031.26	521.78	1215.73
1159	4240.59	3803.75	494.80	1208.70	1209	2781.85	2975.08	522.14	1215.83
1160	4416.43	3892.98	495.52	1208.88	1210	2694.46	2920.15	522.50	1215.92
1161	4582.58	3976.34	496.25	1209.06	1211	2611.99	2867.44	522.84	1216.01
1162	4734.68	4051.88	497.01	1209.25	1212	2533.54	2816.53	523.18	1216.10
1163	4877.70	4122.04	497.77	1209.44	1213	2459.94	2767.89	523.51	1216.19

1164 5017.29 4189.46 498.55 1209.64 1214 2388.01 2719.88 523.83 1216.27 CALLEGUA. 990

RESERVOIR ROUTING AT 159B									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	2319.45	2673.43	524.15	1216.35	1265	1104.47	1564.40	534.74	1219.14
1216	2255.03	2629.00	524.45	1216.44	1266	1096.46	1553.14	534.89	1219.18
1217	2194.92	2586.70	524.76	1216.52	1267	1088.55	1542.01	535.03	1219.22
1218	2135.96	2544.88	525.05	1216.59	1268	1080.48	1530.84	535.18	1219.26
1219	2079.90	2504.48	525.35	1216.67	1269	1073.18	1520.21	535.32	1219.30
1220	2028.28	2466.40	525.63	1216.74	1270	1065.00	1509.09	535.46	1219.33
1221	1978.34	2429.14	525.91	1216.82	1271	1056.01	1497.50	535.61	1219.37
1222	1932.47	2394.04	526.18	1216.89	1272	1048.91	1487.18	535.74	1219.41
1223	1887.43	2359.33	526.45	1216.96	1273	1041.74	1476.87	535.88	1219.44
1224	1846.10	2326.63	526.72	1217.03	1274	1032.69	1465.41	536.02	1219.48
1225	1805.74	2294.43	526.98	1217.10	1275	1024.75	1454.72	536.15	1219.51
1226	1767.21	2263.23	527.23	1217.17	1276	1017.80	1444.72	536.28	1219.55
1227	1730.04	2232.76	527.48	1217.23	1277	1009.68	1434.02	536.42	1219.58
1228	1694.27	2203.07	527.73	1217.30	1278	1001.56	1423.36	536.55	1219.62
1229	1661.79	2175.25	527.97	1217.36	1279	993.69	1412.92	536.67	1219.65
1230	1629.72	2147.66	528.21	1217.42	1280	985.76	1402.50	536.80	1219.68
1231	1600.18	2121.53	528.44	1217.48	1281	978.53	1392.58	536.93	1219.72
1232	1572.90	2096.73	528.67	1217.54	1282	970.40	1382.12	537.05	1219.75
1233	1545.23	2071.71	528.90	1217.60	1283	963.41	1372.46	537.17	1219.78
1234	1519.66	2047.94	529.12	1217.66	1284	957.28	1363.41	537.29	1219.81
1235	1497.62	2026.28	529.34	1217.72	1285	950.00	1353.65	537.41	1219.85
1236	1475.58	2004.65	529.55	1217.78	1286	941.73	1343.29	537.53	1219.88
1237	1453.59	1983.09	529.77	1217.83	1287	934.54	1333.69	537.65	1219.91
1238	1434.14	1963.08	529.98	1217.89	1288	928.35	1324.79	537.76	1219.94
1239	1415.75	1943.76	530.18	1217.94	1289	920.96	1315.14	537.87	1219.97
1240	1398.13	1924.94	530.39	1218.00	1290	912.62	1304.91	537.99	1220.00
1241	1381.28	1906.64	530.59	1218.05	1291	905.65	1295.63	538.08	1220.03
1242	1363.98	1888.13	530.79	1218.10	1292	899.90	1287.21	538.18	1220.06
1243	1348.23	1870.61	530.98	1218.15	1293	892.28	1277.59	538.27	1220.08
1244	1334.11	1854.13	531.18	1218.20	1294	886.20	1269.02	538.36	1220.11
1245	1318.52	1836.84	531.37	1218.25	1295	880.68	1260.89	538.45	1220.14
1246	1303.35	1819.85	531.56	1218.30	1296	876.29	1253.54	538.54	1220.17
1247	1290.64	1804.42	531.74	1218.35	1297	870.95	1245.61	538.63	1220.20
1248	1277.37	1788.72	531.93	1218.40	1298	864.75	1237.14	538.72	1220.22
1249	1263.53	1772.73	532.11	1218.45	1299	859.63	1229.44	538.80	1220.25
1250	1251.09	1757.67	532.29	1218.50	1300	855.59	1222.51	538.89	1220.28
1251	1238.96	1742.86	532.46	1218.54	1310	791.07	1139.00	539.71	1220.54
1252	1227.18	1728.33	532.64	1218.59	1320	717.13	1052.37	540.43	1220.76
1253	1215.86	1714.16	532.81	1218.63	1330	642.56	968.08	541.04	1220.95
1254	1204.82	1700.22	532.98	1218.68	1340	574.66	890.87	541.54	1221.11
1255	1194.01	1686.49	533.15	1218.72	1350	504.13	814.00	541.95	1221.23
1256	1183.90	1673.26	533.32	1218.77	1360	433.15	738.70	542.26	1221.33
1257	1174.52	1660.55	533.48	1218.81	1370	364.06	666.44	542.48	1221.40
1258	1165.23	1647.97	533.65	1218.85	1380	308.04	605.03	542.62	1221.44
1259	1156.21	1635.62	533.81	1218.90	1390	263.64	553.44	542.68	1221.46
1260	1147.50	1623.53	533.97	1218.94	1400	228.04	509.56	542.67	1221.46
1261	1139.08	1611.69	534.12	1218.98	1420	172.31	436.74	542.54	1221.42
1262	1129.06	1598.91	534.28	1219.02	1440	130.53	378.37	542.24	1221.33
1263	1120.27	1586.97	534.43	1219.06	1460	99.86	331.75	541.80	1221.19
1264	1112.70	1575.87	534.59	1219.10	1500	61.71	264.25	540.67	1220.84

CALLEGUA. 990									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	1071.75	1165	2017.24	1905.56	1397.19	1090.99
100	0.80	3.20	0.00	1071.79	1166	1876.97	1809.62	1434.87	1091.09
200	0.80	6.63	0.00	1071.98	1167	1765.88	1732.54	1462.39	1091.16
300	5.19	11.94	1.12	1072.29	1168	1547.01	1580.72	1478.29	1091.19
400	8.74	16.95	2.91	1072.75	1169	1385.69	1467.04	1482.02	1091.20
500	10.69	21.22	13.20	1073.20	1170	1251.88	1371.35	1476.88	1091.19
600	15.19	29.01	21.97	1073.38	1171	1135.77	1287.12	1464.79	1091.16
700	18.68	37.98	30.25	1073.56	1172	1027.31	1207.54	1446.99	1091.12
800	26.44	54.92	41.25	1073.79	1173	923.24	1130.42	1424.24	1091.06
900	59.50	103.62	51.45	1074.45	1174	826.90	1058.17	1397.24	1090.99
1000	125.34	204.81	53.53	1076.92	1175	739.39	991.66	1366.76	1090.92
1050	197.16	311.83	55.74	1079.68	1176	661.85	931.82	1333.61	1090.84
1100	244.72	437.95	58.75	1083.30	1177	598.97	882.10	1298.69	1090.75
1110	293.70	504.09	59.57	1084.29	1178	545.70	839.02	1262.83	1090.66
1120	350.04	579.68	60.54	1085.44	1179	500.94	801.87	1226.63	1090.57
1130	442.03	686.82	159.61	1086.61	1180	456.90	765.09	1190.36	1090.48
1131	452.78	698.90	177.18	1086.71	1181	427.11	738.53	1154.46	1090.40
1132	464.08	711.44	194.58	1086.82	1182	399.13	713.24	1119.39	1090.31
1133	478.48	726.34	211.86	1086.93	1183	375.07	690.78	1085.23	1090.22
1134	493.89	742.02	229.07	1087.03	1184	352.69	669.52	1052.07	1090.14
1135	509.18	757.63	246.23	1087.14	1185	328.00	646.54	1019.82	1090.06
1136	521.12	770.73	263.30	1087.24	1186	314.70	631.97	990.19	1089.99
1137	535.88	785.97	280.28	1087.35	1187	298.80	615.50	968.76	1089.92
1138	550.81	801.34	297.20	1087.45	1188	285.06	600.65	947.66	1089.85
1139	567.15	817.77	314.08	1087.56	1189	273.45	587.43	926.98	1089.78
1140	584.55	835.00	330.96	1087.66	1190	261.57	574.05	906.73	1089.71
1141	605.21	854.62	347.90	1087.77	1191	252.33	562.68	886.94	1089.65
1142	625.22	873.74	364.91	1087.87	1192	242.98	551.28	867.64	1089.58
1143	645.07	892.74	381.99	1087.98	1193	236.11	541.79	848.86	1089.52
1144	665.93	912.44	409.34	1088.08	1194	230.41	533.25	830.65	1089.46
1145	694.39	937.63	439.50	1088.18	1195	225.21	525.15	813.02	1089.40
1146	724.65	964.04	469.41	1088.27	1196	219.68	516.86	795.94	1089.35
1147	756.74	991.68	499.14	1088.37	1197	215.38	509.56	779.41	1089.29
1148	790.84	1020.66	528.80	1088.47	1198	211.45	502.61	763.42	1089.24
1149	866.44	1079.07	559.27	1088.57	1199	207.93	496.03	747.97	1089.19
1150	946.17	1140.01	591.46	1088.68	1200	204.99	489.95	733.06	1089.14
1151	977.66	1166.49	624.32	1088.78	1201	200.92	483.07	718.64	1089.09
1152	1136.81	1282.44	659.42	1088.90	1202	198.87	477.80	704.71	1089.05
1153	1258.78	1371.39	698.46	1089.03	1203	195.51	471.59	691.25	1089.00
1154	1357.61	1443.49	739.92	1089.16	1204	193.34	466.35	678.25	1088.96
1155	1480.99	1531.89	783.66	1089.31	1205	190.41	460.57	665.69	1088.92
1156	1642.86	1645.88	830.75	1089.46	1206	188.40	455.56	653.55	1088.88
1157	1815.57	1766.09	881.94	1089.63	1207	186.44	450.66	641.82	1088.84
1158	1967.24	1870.70	936.72	1089.81	1208	184.44	445.77	630.50	1088.80
1159	2087.43	1952.85	993.74	1090.00	1209	182.31	440.84	619.55	1088.77
1160	2169.65	2008.55	1074.42	1090.20	1210	179.20	435.19	608.94	1088.73
1161	2207.58	2034.03	1151.92	1090.39	1211	175.82	429.37	598.60	1088.70
1162	2212.67	2037.43	1224.25	1090.57	1212	173.77	424.65	588.57	1088.67
1163	2184.59	2018.70	1290.04	1090.73	1213	170.69	419.16	578.82	1088.63
1164	2135.05	1985.36	1348.32	1090.87	1214	166.65	412.95	569.30	1088.60

RESERVOIR ROUTING AT 424B									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	163.25	407.29	559.99	1088.57	1265	111.68	263.05	329.26	1087.65
1216	159.74	401.59	550.89	1088.54	1266	109.88	260.15	327.03	1087.64
1217	157.76	397.14	542.03	1088.51	1267	108.99	258.03	324.79	1087.62

CALLEGUA. 990

1218	154.00	391.32	533.38	1088.48	1268	108.87	256.58	322.56	1087.61
1219	151.14	386.26	524.93	1088.46	1269	107.79	254.33	320.35	1087.60
1220	148.38	381.31	516.67	1088.43	1270	106.55	251.97	318.14	1087.58
1221	146.50	377.11	508.63	1088.40	1271	105.16	249.50	315.92	1087.57
1222	143.80	372.29	500.80	1088.38	1272	103.65	246.93	313.68	1087.55
1223	140.41	366.95	493.13	1088.35	1273	102.87	245.01	311.45	1087.54
1224	138.90	363.17	485.64	1088.33	1274	101.04	242.20	309.22	1087.53
1225	136.68	358.85	478.35	1088.30	1275	98.19	238.54	306.95	1087.51
1226	134.61	354.69	471.24	1088.28	1276	96.95	236.27	304.66	1087.50
1227	132.77	350.75	464.31	1088.26	1277	95.61	233.92	302.36	1087.49
1228	131.22	347.08	457.56	1088.24	1278	94.09	231.43	300.07	1087.47
1229	129.94	343.66	451.00	1088.21	1279	92.46	228.87	297.76	1087.46
1230	128.77	340.38	444.62	1088.19	1280	90.83	226.32	295.45	1087.44
1231	127.75	337.24	438.43	1088.17	1281	89.28	223.85	293.13	1087.43
1232	126.97	334.34	432.43	1088.15	1282	87.76	221.42	290.81	1087.41
1233	125.53	330.94	426.59	1088.13	1283	86.19	218.95	288.48	1087.40
1234	125.04	328.34	420.92	1088.11	1284	84.58	216.47	286.15	1087.39
1235	125.43	326.50	415.45	1088.10	1285	83.04	214.05	283.81	1087.37
1236	124.28	323.42	410.16	1088.08	1286	81.55	211.69	281.47	1087.36
1237	123.21	320.45	405.00	1088.06	1287	80.04	209.33	279.14	1087.34
1238	123.77	318.84	400.01	1088.05	1288	78.58	207.02	276.80	1087.33
1239	123.48	316.57	395.20	1088.03	1289	77.31	204.89	274.46	1087.31
1240	122.38	313.66	390.51	1088.01	1290	76.24	202.93	272.14	1087.30
1241	122.13	311.49	385.97	1088.00	1291	75.20	201.02	269.83	1087.29
1242	121.87	309.32	383.48	1087.98	1292	74.21	199.16	267.53	1087.27
1243	121.54	307.13	381.00	1087.97	1293	72.55	196.73	265.23	1087.26
1244	121.19	304.96	378.53	1087.95	1294	72.72	195.90	262.96	1087.24
1245	120.07	302.17	376.06	1087.94	1295	72.08	194.37	260.73	1087.23
1246	119.73	300.06	373.59	1087.92	1296	71.43	192.85	258.52	1087.22
1247	120.14	298.60	371.15	1087.91	1297	70.93	191.47	256.33	1087.20
1248	118.91	295.79	368.71	1087.89	1298	70.55	190.20	254.17	1087.19
1249	118.56	293.75	366.27	1087.88	1299	70.16	188.93	252.04	1087.18
1250	118.98	292.37	363.86	1087.86	1300	69.74	187.66	249.94	1087.16
1251	117.76	289.65	361.46	1087.85	1310	54.99	166.23	230.44	1087.04
1252	117.44	287.70	359.06	1087.83	1320	46.09	150.72	210.89	1086.92
1253	117.88	286.42	356.69	1087.82	1330	34.02	133.18	192.31	1086.81
1254	116.66	283.77	354.33	1087.81	1340	25.30	119.19	174.33	1086.70
1255	116.34	281.90	351.97	1087.79	1350	20.82	109.50	157.83	1086.60
1256	116.83	280.72	349.64	1087.78	1360	17.08	100.98	143.37	1086.51
1257	115.67	278.18	347.33	1087.76	1370	12.88	92.50	130.60	1086.43
1258	115.44	276.45	345.02	1087.75	1380	8.38	84.16	119.07	1086.36
1259	116.01	275.40	342.75	1087.73	1390	5.54	77.63	108.59	1086.29
1260	114.94	273.01	340.49	1087.72	1400	3.67	72.29	99.34	1086.24
1261	114.79	271.40	338.24	1087.71	1420	1.77	64.09	84.97	1086.15
1262	113.75	269.07	336.00	1087.69	1440	1.12	57.94	73.90	1086.08
1263	111.91	266.07	333.74	1087.68	1460	0.91	52.94	65.40	1086.03
1264	111.82	264.57	331.49	1087.66	1500	0.80	45.03	60.94	1085.93

RESERVOIR ROUTING AT 452B									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	1140.00	1165	257.05	262.73	68.13	1148.03
100	1.45	1.52	0.53	1140.03	1166	228.14	235.01	68.60	1148.15
200	1.55	1.72	1.54	1140.08	1167	201.64	209.56	69.00	1148.25
300	4.97	5.18	2.91	1140.15	1168	180.60	189.29	69.35	1148.34
400	6.43	6.69	5.60	1140.28	1169	162.82	172.12	69.64	1148.41
500	8.00	8.33	7.21	1140.36	1170	145.86	155.71	69.88	1148.47
600	10.93	11.37	9.33	1140.47	1171	132.73	142.95	70.09	1148.52
700	13.25	13.85	12.13	1140.61	1172	121.40	131.91	70.27	1148.57

CALLEGUA. 990									
800	15.93	16.81	14.79	1140.74	1173	109.89	120.68	70.42	1148.60
900	21.15	22.57	18.71	1140.94	1174	102.77	113.66	70.54	1148.63
1000	30.95	33.60	24.84	1141.44	1175	95.52	106.52	70.64	1148.66
1050	41.82	45.73	31.82	1142.07	1176	89.77	100.81	70.73	1148.68
1100	48.78	55.37	41.33	1142.94	1177	83.88	94.96	70.80	1148.70
1110	60.57	67.79	42.87	1143.14	1178	77.13	88.29	70.85	1148.71
1120	64.80	72.96	44.62	1143.44	1179	74.35	85.43	70.90	1148.72
1130	83.27	92.17	46.86	1143.81	1180	70.39	81.44	70.93	1148.73
1131	84.40	93.40	47.18	1143.86	1181	67.05	78.04	70.95	1148.74
1132	85.69	94.79	47.50	1143.92	1182	64.23	75.15	70.97	1148.74
1133	87.93	97.10	47.83	1143.97	1183	60.88	71.75	70.97	1148.74
1134	90.55	99.78	48.18	1144.03	1184	58.52	69.31	70.97	1148.74
1135	92.85	102.15	48.54	1144.09	1185	56.61	67.30	70.97	1148.74
1136	93.60	103.03	48.91	1144.15	1186	54.81	65.40	70.95	1148.74
1137	96.30	105.79	49.29	1144.22	1187	53.44	63.92	70.94	1148.73
1138	98.90	108.45	49.69	1144.28	1188	51.94	62.31	70.92	1148.73
1139	101.67	111.28	50.10	1144.35	1189	50.52	60.79	70.89	1148.72
1140	104.62	114.29	50.53	1144.42	1190	48.97	59.14	70.86	1148.72
1141	108.62	118.31	50.98	1144.50	1191	47.83	57.89	70.83	1148.71
1142	111.72	121.46	51.46	1144.58	1192	46.84	56.79	70.80	1148.70
1143	114.75	124.55	51.95	1144.66	1193	46.02	55.86	70.76	1148.69
1144	118.56	128.38	52.46	1144.74	1194	45.36	55.07	70.72	1148.68
1145	126.21	135.90	53.01	1144.83	1195	45.02	54.61	70.68	1148.67
1146	132.30	141.93	53.60	1144.93	1196	44.18	53.66	70.63	1148.66
1147	138.74	148.28	54.13	1145.03	1197	43.67	53.04	70.59	1148.65
1148	145.52	154.96	54.53	1145.11	1198	43.23	52.49	70.54	1148.64
1149	166.85	175.59	54.97	1145.19	1199	42.84	51.98	70.49	1148.62
1150	187.99	196.01	55.50	1145.30	1200	42.52	51.55	70.44	1148.61
1151	191.57	199.59	56.08	1145.42	1201	41.99	50.92	70.39	1148.60
1152	234.97	241.27	56.74	1145.55	1202	41.47	50.29	70.34	1148.59
1153	264.89	270.01	57.55	1145.71	1203	40.70	49.43	70.29	1148.57
1154	280.36	284.88	58.44	1145.89	1204	40.23	48.86	70.23	1148.56
1155	299.24	302.99	59.39	1146.08	1205	39.79	48.32	70.18	1148.54
1156	326.20	328.77	60.42	1146.29	1206	39.08	47.52	70.12	1148.53
1157	352.05	353.45	61.56	1146.51	1207	38.62	46.97	70.06	1148.51
1158	359.83	360.88	62.75	1146.75	1208	38.12	46.37	70.00	1148.50
1159	365.01	365.83	63.97	1146.99	1209	37.56	45.72	69.93	1148.48
1160	381.90	381.90	64.79	1147.20	1210	37.24	45.31	69.87	1148.47
1161	348.81	350.43	65.58	1147.40	1211	36.62	44.61	69.80	1148.45
1162	324.99	327.73	66.30	1147.57	1212	36.51	44.40	69.74	1148.43
1163	308.51	311.98	66.96	1147.74	1213	36.09	43.90	69.67	1148.42
1164	287.14	291.53	67.58	1147.89	1214	35.65	43.37	69.60	1148.40

RESERVOIR ROUTING AT 452B									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	35.20	42.84	69.53	1148.38	1265	28.13	32.79	65.48	1147.37
1216	34.76	42.32	69.46	1148.37	1266	27.85	32.47	65.40	1147.35
1217	34.58	42.06	69.39	1148.35	1267	27.56	32.15	65.31	1147.33
1218	33.89	41.29	69.32	1148.33	1268	27.24	31.79	65.22	1147.31
1219	33.52	40.84	69.24	1148.31	1269	27.12	31.63	65.13	1147.28
1220	33.44	40.68	69.17	1148.29	1270	26.70	31.18	65.05	1147.26
1221	33.11	40.27	69.09	1148.27	1271	26.55	30.99	64.96	1147.24
1222	32.52	39.62	69.02	1148.25	1272	26.65	31.05	64.87	1147.22
1223	32.27	39.29	68.94	1148.24	1273	26.44	30.81	64.78	1147.19
1224	32.30	39.24	68.86	1148.22	1274	25.94	30.28	64.69	1147.17
1225	32.06	38.92	68.78	1148.20	1275	25.70	30.00	64.60	1147.15
1226	31.60	38.40	68.71	1148.18	1276	25.72	29.98	64.51	1147.13
1227	31.47	38.20	68.63	1148.16	1277	25.45	29.69	64.42	1147.10

CALLEGUA. 990									
1228	31.60	38.25	68.55	1148.14	1278	24.93	29.13	64.33	1147.08
1229	31.44	38.02	68.47	1148.12	1279	24.72	28.89	64.23	1147.06
1230	31.06	37.58	68.39	1148.10	1280	24.79	28.92	64.14	1147.04
1231	31.00	37.45	68.31	1148.08	1281	24.56	28.66	64.05	1147.01
1232	31.19	37.56	68.22	1148.06	1282	24.06	28.14	63.93	1146.99
1233	30.81	37.12	68.14	1148.04	1283	23.88	27.92	63.79	1146.96
1234	30.49	36.74	68.06	1148.02	1284	23.99	28.00	63.64	1146.93
1235	30.74	36.92	67.98	1148.00	1285	23.81	27.79	63.50	1146.90
1236	30.69	36.81	67.90	1147.97	1286	23.36	27.31	63.35	1146.87
1237	30.35	36.42	67.82	1147.95	1287	23.22	27.15	63.20	1146.84
1238	30.32	36.32	67.73	1147.93	1288	23.39	27.28	63.06	1146.81
1239	30.30	36.24	67.65	1147.91	1289	23.26	27.12	62.91	1146.78
1240	30.22	36.10	67.57	1147.89	1290	22.85	26.69	62.77	1146.75
1241	30.15	35.97	67.49	1147.87	1291	22.77	26.57	62.62	1146.72
1242	30.12	35.88	67.40	1147.85	1292	22.97	26.75	62.48	1146.70
1243	30.07	35.77	67.32	1147.83	1293	22.61	26.36	62.33	1146.67
1244	29.99	35.64	67.24	1147.81	1294	22.52	26.24	62.19	1146.64
1245	29.92	35.52	67.16	1147.79	1295	22.47	26.16	62.04	1146.61
1246	29.86	35.40	67.07	1147.77	1296	22.71	26.37	61.90	1146.58
1247	29.80	35.29	66.99	1147.75	1297	22.65	26.28	61.75	1146.55
1248	29.74	35.18	66.91	1147.73	1298	22.31	25.92	61.61	1146.52
1249	29.69	35.07	66.82	1147.71	1299	22.27	25.85	61.46	1146.49
1250	29.64	34.97	66.74	1147.68	1300	22.50	26.06	61.32	1146.46
1251	29.59	34.87	66.66	1147.66	1310	18.34	21.68	59.87	1146.17
1252	29.54	34.77	66.57	1147.64	1320	16.43	19.56	58.33	1145.87
1253	29.50	34.68	66.49	1147.62	1330	14.11	17.05	56.77	1145.55
1254	29.46	34.59	66.41	1147.60	1340	12.70	15.47	55.17	1145.23
1255	29.42	34.51	66.32	1147.58	1350	8.77	11.40	53.24	1144.87
1256	29.39	34.43	66.24	1147.56	1360	6.97	9.46	50.42	1144.40
1257	29.36	34.36	66.16	1147.54	1370	5.02	7.38	47.65	1143.94
1258	29.34	34.29	66.07	1147.52	1380	3.95	6.18	44.95	1143.49
1259	29.31	34.22	65.99	1147.50	1390	3.19	5.31	42.35	1143.06
1260	29.29	34.15	65.91	1147.48	1400	2.61	4.63	37.02	1142.55
1261	29.27	34.09	65.82	1147.46	1420	1.55	3.38	27.66	1141.70
1262	28.71	33.49	65.74	1147.43	1440	1.27	2.94	20.69	1141.06
1263	28.43	33.16	65.65	1147.41	1460	0.43	1.96	12.75	1140.64
1264	28.41	33.11	65.57	1147.39	1500	0.40	1.70	5.07	1140.25

RESERVOIR ROUTING AT 460C									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	1135.00	1165	185.64	212.52	51.54	1146.38
100	0.40	0.74	0.00	1135.03	1166	158.16	191.13	51.97	1146.49
200	0.40	1.21	0.00	1135.18	1167	135.34	173.12	52.35	1146.59
300	0.40	1.38	0.00	1135.40	1168	115.49	157.25	52.68	1146.67
400	0.40	1.63	0.00	1135.64	1169	99.13	143.95	52.96	1146.74
500	0.40	1.97	0.00	1135.94	1170	86.69	133.60	53.21	1146.80
600	0.40	2.48	0.00	1136.30	1171	76.76	125.15	53.43	1146.86
700	0.40	3.29	0.00	1136.76	1172	68.23	117.74	53.63	1146.91
800	0.75	5.02	1.87	1137.27	1173	61.25	111.51	53.80	1146.95
900	4.38	11.25	5.16	1137.74	1174	55.82	106.48	53.96	1146.99
1000	12.13	24.84	10.20	1138.64	1175	51.48	102.30	54.10	1147.03
1050	20.42	39.16	15.17	1139.63	1176	47.46	98.36	54.23	1147.06
1100	25.81	56.81	21.38	1141.10	1177	43.65	94.58	54.35	1147.09
1110	33.79	67.79	22.87	1141.47	1178	40.47	91.31	54.45	1147.11
1120	41.06	78.68	24.72	1141.93	1179	38.05	88.63	54.55	1147.14
1130	51.87	93.22	29.77	1142.48	1180	35.89	86.18	54.64	1147.16
1131	54.13	95.68	30.35	1142.54	1181	33.85	83.82	54.72	1147.18
1132	56.16	97.97	30.92	1142.59	1182	31.77	81.44	54.80	1147.20

CALLEGUA. 990

1133	58.09	100.16	31.50	1142.65	1183	30.11	79.39	54.87	1147.22
1134	59.92	102.28	32.10	1142.71	1184	28.78	77.63	54.94	1147.23
1135	61.89	104.52	32.71	1142.77	1185	27.42	75.85	55.00	1147.25
1136	63.92	106.80	33.34	1142.83	1186	26.14	74.15	55.05	1147.26
1137	65.53	108.75	33.98	1142.90	1187	25.04	72.59	55.10	1147.28
1138	66.91	110.52	34.63	1142.96	1188	24.06	71.15	55.15	1147.29
1139	68.59	112.54	35.14	1143.03	1189	23.24	69.84	55.19	1147.30
1140	70.47	114.72	35.48	1143.10	1190	22.63	68.71	55.23	1147.31
1141	72.42	116.96	35.82	1143.17	1191	22.18	67.74	55.26	1147.32
1142	74.74	119.50	36.18	1143.24	1192	21.74	66.78	55.30	1147.32
1143	77.57	122.44	36.54	1143.31	1193	21.28	65.81	55.33	1147.33
1144	80.69	125.61	36.92	1143.38	1194	20.85	64.88	55.36	1147.34
1145	83.93	128.87	37.31	1143.46	1195	20.52	64.04	55.38	1147.35
1146	87.76	132.60	37.71	1143.54	1196	20.32	63.32	55.40	1147.35
1147	92.62	137.12	38.13	1143.63	1197	20.20	62.68	55.42	1147.36
1148	98.46	142.38	38.56	1143.71	1198	20.04	62.01	55.44	1147.36
1149	104.75	147.97	39.02	1143.80	1199	19.89	61.37	55.46	1147.37
1150	115.43	156.92	39.51	1143.90	1200	19.81	60.78	55.48	1147.37
1151	132.67	170.84	40.03	1144.01	1201	19.67	60.17	55.49	1147.37
1152	148.35	183.46	40.47	1144.12	1202	19.52	59.55	55.50	1147.38
1153	172.19	202.17	40.97	1144.24	1203	19.36	58.93	55.51	1147.38
1154	205.60	227.95	41.53	1144.38	1204	19.15	58.27	55.52	1147.38
1155	233.63	249.41	42.17	1144.54	1205	18.91	57.59	55.53	1147.38
1156	257.79	267.76	42.87	1144.72	1206	18.64	56.91	55.53	1147.38
1157	278.41	283.26	43.62	1144.91	1207	18.31	56.17	55.53	1147.38
1158	291.67	293.16	44.66	1145.11	1208	17.89	55.36	55.54	1147.38
1159	297.37	297.37	45.95	1145.32	1209	17.49	54.58	55.53	1147.38
1160	296.04	296.39	47.24	1145.54	1210	17.10	53.81	55.53	1147.38
1161	285.15	288.28	48.50	1145.75	1211	16.64	52.99	55.52	1147.38
1162	266.19	274.06	49.70	1145.95	1212	16.17	52.16	55.52	1147.38
1163	246.05	258.79	50.46	1146.12	1213	15.63	51.28	55.51	1147.38
1164	218.30	237.62	51.03	1146.26	1214	15.13	50.44	55.49	1147.37

RESERVOIR ROUTING AT

460C

TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT	TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT
1215	14.75	49.70	55.48	1147.37	1265	10.42	32.14	53.33	1146.83
1216	14.39	49.00	55.46	1147.37	1266	10.24	31.80	53.27	1146.82
1217	13.99	48.27	55.44	1147.36	1267	10.07	31.45	53.21	1146.80
1218	13.62	47.56	55.42	1147.36	1268	9.91	31.12	53.14	1146.79
1219	13.34	46.95	55.40	1147.35	1269	9.71	30.76	53.08	1146.77
1220	13.08	46.35	55.37	1147.34	1270	9.47	30.36	53.01	1146.75
1221	12.79	45.73	55.35	1147.34	1271	9.25	29.98	52.95	1146.74
1222	12.53	45.15	55.32	1147.33	1272	9.03	29.61	52.88	1146.72
1223	12.36	44.64	55.29	1147.32	1273	8.74	29.17	52.81	1146.70
1224	12.27	44.22	55.26	1147.32	1274	8.42	28.71	52.74	1146.69
1225	12.17	43.79	55.23	1147.31	1275	8.16	28.29	52.67	1146.67
1226	12.05	43.35	55.20	1147.30	1276	7.97	27.95	52.60	1146.65
1227	11.97	42.96	55.17	1147.29	1277	7.79	27.62	52.53	1146.63
1228	11.95	42.61	55.13	1147.28	1278	7.56	27.25	52.46	1146.61
1229	11.90	42.26	55.10	1147.27	1279	7.34	26.88	52.38	1146.60
1230	11.83	41.88	55.06	1147.27	1280	7.16	26.57	52.31	1146.58
1231	11.80	41.54	55.03	1147.26	1281	7.00	26.26	52.23	1146.56
1232	11.80	41.24	54.99	1147.25	1282	6.78	25.90	52.16	1146.54
1233	11.79	40.93	54.95	1147.24	1283	6.56	25.55	52.08	1146.52
1234	11.73	40.59	54.91	1147.23	1284	6.42	25.27	52.00	1146.50
1235	11.68	40.25	54.87	1147.22	1285	6.31	25.02	51.93	1146.48
1236	11.64	39.93	54.83	1147.21	1286	6.16	24.73	51.85	1146.46
1237	11.61	39.62	54.79	1147.20	1287	6.01	24.44	51.77	1146.44

CALLEGUA. 990									
1238	11.56	39.30	54.75	1147.19	1288	5.92	24.22	51.69	1146.42
1239	11.49	38.96	54.70	1147.18	1289	5.88	24.04	51.61	1146.40
1240	11.45	38.66	54.66	1147.17	1290	5.79	23.81	51.53	1146.38
1241	11.43	38.38	54.62	1147.15	1291	5.67	23.57	51.45	1146.36
1242	11.34	38.05	54.57	1147.14	1292	5.63	23.40	51.37	1146.34
1243	11.26	37.71	54.52	1147.13	1293	5.63	23.26	51.29	1146.32
1244	11.22	37.42	54.48	1147.12	1294	5.57	23.07	51.21	1146.30
1245	11.16	37.12	54.43	1147.11	1295	5.48	22.86	51.12	1146.28
1246	11.10	36.82	54.38	1147.10	1296	5.43	22.68	51.04	1146.26
1247	11.07	36.55	54.33	1147.08	1297	5.43	22.55	50.96	1146.24
1248	11.02	36.27	54.28	1147.07	1298	5.41	22.41	50.88	1146.22
1249	10.96	35.97	54.23	1147.06	1299	5.36	22.23	50.79	1146.20
1250	10.93	35.72	54.18	1147.05	1300	5.37	22.12	50.71	1146.18
1251	10.88	35.45	54.13	1147.03	1310	4.33	19.98	49.78	1145.96
1252	10.83	35.18	54.08	1147.02	1320	2.78	17.47	48.25	1145.71
1253	10.81	34.94	54.03	1147.01	1330	1.85	15.64	46.67	1145.45
1254	10.78	34.69	53.97	1146.99	1340	1.15	14.12	45.09	1145.18
1255	10.74	34.44	53.92	1146.98	1350	0.70	12.92	43.69	1144.92
1256	10.73	34.22	53.86	1146.97	1360	0.53	12.06	42.70	1144.68
1257	10.71	33.99	53.80	1146.95	1370	0.45	11.34	41.72	1144.43
1258	10.68	33.75	53.75	1146.94	1380	0.42	10.73	40.75	1144.19
1259	10.68	33.55	53.69	1146.92	1390	0.41	10.18	39.71	1143.94
1260	10.66	33.34	53.63	1146.91	1400	0.40	9.69	38.46	1143.69
1261	10.64	33.11	53.57	1146.89	1420	0.40	8.81	36.07	1143.21
1262	10.65	32.93	53.51	1146.88	1440	0.40	8.07	32.67	1142.77
1263	10.64	32.72	53.45	1146.86	1460	0.40	7.43	28.58	1142.36
1264	10.56	32.46	53.39	1146.85	1500	0.40	6.38	23.56	1141.64

RESERVOIR ROUTING AT 542CD									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	907.00	1165	550.47	550.47	92.46	930.66
100	0.80	0.80	0.38	907.03	1166	439.96	439.96	92.89	930.97
200	0.80	0.80	0.80	907.05	1167	362.02	362.02	93.21	931.21
300	1.23	1.23	1.01	907.07	1168	322.80	322.80	93.47	931.40
400	1.23	1.23	1.23	907.08	1169	297.83	297.83	93.70	931.56
500	1.45	1.45	1.34	907.09	1170	267.79	267.79	93.90	931.71
600	1.66	1.66	1.55	907.10	1171	240.96	240.96	94.07	931.83
700	1.88	1.88	1.77	907.12	1172	215.58	215.58	94.21	931.93
800	3.54	3.54	2.67	907.18	1173	192.53	192.53	94.32	932.01
900	15.75	15.75	9.35	907.63	1174	173.30	173.30	94.39	932.07
1000	38.97	38.97	26.80	908.80	1175	158.67	158.67	94.45	932.11
1050	65.96	65.96	51.15	910.43	1176	146.63	146.63	94.49	932.15
1100	79.35	79.35	62.62	912.43	1177	135.04	135.04	94.53	932.18
1110	112.03	112.03	64.47	913.34	1178	120.67	120.67	94.56	932.20
1120	123.12	123.12	67.90	915.14	1179	113.80	113.80	94.58	932.21
1130	165.71	165.71	72.20	917.50	1180	107.24	107.24	94.59	932.22
1131	172.34	172.34	72.83	917.85	1181	102.57	102.57	94.60	932.23
1132	177.68	177.68	73.47	918.22	1182	97.37	97.37	94.60	932.23
1133	184.82	184.82	74.15	918.62	1183	88.80	88.80	94.60	932.23
1134	192.77	192.77	74.86	919.03	1184	86.72	86.72	94.59	932.23
1135	198.03	198.03	75.61	919.48	1185	82.88	82.88	94.59	932.22
1136	199.59	199.59	76.38	919.93	1186	79.19	79.19	94.58	932.21
1137	204.27	204.27	76.67	920.11	1187	76.83	76.83	94.56	932.20
1138	209.47	209.47	76.88	920.24	1188	74.21	74.21	94.55	932.19
1139	215.64	215.64	77.10	920.38	1189	72.38	72.38	94.53	932.18
1140	222.39	222.39	77.33	920.52	1190	70.19	70.19	94.51	932.16
1141	231.64	231.64	77.57	920.67	1191	69.22	69.22	94.49	932.15
1142	240.98	240.98	77.83	920.83	1192	68.20	68.20	94.47	932.13

CALLEGUA. 990

1143	250.60	250.60	78.10	921.00	1193	67.10	67.10	94.45	932.11
1144	260.78	260.78	78.39	921.18	1194	65.95	65.95	94.43	932.10
1145	276.76	276.76	78.70	921.37	1195	65.14	65.14	94.40	932.08
1146	294.22	294.22	79.03	921.58	1196	63.90	63.90	94.38	932.06
1147	310.88	310.88	79.40	921.81	1197	63.71	63.71	94.36	932.04
1148	326.81	326.81	79.78	922.05	1198	63.15	63.15	94.33	932.02
1149	377.38	377.38	80.22	922.33	1199	62.24	62.24	94.31	932.00
1150	444.45	444.45	80.76	922.66	1200	62.29	62.29	94.27	931.98
1151	467.97	467.97	81.37	923.04	1201	60.92	60.92	94.24	931.96
1152	568.74	568.74	82.07	923.48	1202	59.71	59.71	94.20	931.93
1153	655.84	655.84	82.93	924.02	1203	57.78	57.78	94.17	931.90
1154	701.67	701.67	83.82	924.62	1204	56.95	56.95	94.13	931.87
1155	722.85	722.85	84.76	925.26	1205	55.31	55.31	94.09	931.85
1156	743.51	743.51	85.73	925.92	1206	54.03	54.03	94.05	931.82
1157	762.25	762.25	86.72	926.59	1207	52.68	52.68	94.00	931.78
1158	767.38	767.38	87.73	927.28	1208	50.85	50.85	93.96	931.75
1159	760.11	760.11	88.74	927.96	1209	49.42	49.42	93.91	931.72
1160	754.98	754.98	89.46	928.48	1210	48.19	48.19	93.87	931.68
1161	732.07	732.07	90.15	928.98	1211	46.43	46.43	93.82	931.65
1162	701.36	701.36	90.81	929.46	1212	44.97	44.97	93.77	931.61
1163	636.87	636.87	91.42	929.90	1213	44.15	44.15	93.71	931.57
1164	583.10	583.10	91.96	930.30	1214	42.58	42.58	93.66	931.54

RESERVOIR ROUTING AT

542CD

TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	41.95	41.95	93.61	931.50	1265	30.24	30.24	90.65	929.35
1216	41.31	41.31	93.55	931.46	1266	29.49	29.49	90.59	929.30
1217	41.34	41.34	93.50	931.42	1267	28.15	28.15	90.52	929.25
1218	40.52	40.52	93.44	931.38	1268	27.49	27.49	90.46	929.20
1219	40.15	40.15	93.39	931.34	1269	27.08	27.08	90.39	929.16
1220	40.26	40.26	93.33	931.30	1270	25.79	25.79	90.32	929.11
1221	39.84	39.84	93.27	931.25	1271	24.90	24.90	90.25	929.06
1222	39.51	39.51	93.22	931.21	1272	24.45	24.45	90.19	929.01
1223	38.72	38.72	93.16	931.17	1273	23.43	23.43	90.12	928.96
1224	38.73	38.73	93.10	931.13	1274	22.41	22.41	90.04	928.91
1225	38.94	38.94	93.05	931.09	1275	21.55	21.55	89.97	928.85
1226	38.33	38.33	92.99	931.05	1276	21.66	21.66	89.90	928.80
1227	37.56	37.56	92.93	931.01	1277	21.87	21.87	89.83	928.75
1228	37.69	37.69	92.87	930.96	1278	21.27	21.27	89.76	928.70
1229	38.04	38.04	92.82	930.92	1279	20.64	20.64	89.69	928.64
1230	37.56	37.56	92.76	930.88	1280	20.82	20.82	89.61	928.59
1231	36.91	36.91	92.70	930.84	1281	21.03	21.03	89.54	928.54
1232	37.13	37.13	92.64	930.79	1282	20.42	20.42	89.47	928.49
1233	37.04	37.04	92.58	930.75	1283	19.75	19.75	89.40	928.43
1234	36.50	36.50	92.52	930.71	1284	19.89	19.89	89.32	928.38
1235	36.24	36.24	92.47	930.67	1285	20.10	20.10	89.25	928.33
1236	36.06	36.06	92.41	930.62	1286	19.47	19.47	89.18	928.27
1237	36.03	36.03	92.35	930.58	1287	18.80	18.80	89.10	928.22
1238	35.91	35.91	92.29	930.54	1288	19.00	19.00	89.03	928.17
1239	35.24	35.24	92.23	930.49	1289	19.29	19.29	88.96	928.11
1240	35.11	35.11	92.17	930.45	1290	18.74	18.74	88.88	928.06
1241	35.48	35.48	92.11	930.41	1291	18.14	18.14	88.81	928.01
1242	34.99	34.99	92.05	930.36	1292	18.40	18.40	88.71	927.94
1243	34.35	34.35	91.99	930.32	1293	18.23	18.23	88.60	927.86
1244	34.53	34.53	91.93	930.27	1294	18.16	18.16	88.50	927.79
1245	34.54	34.54	91.87	930.23	1295	17.52	17.52	88.39	927.72
1246	34.08	34.08	91.81	930.19	1296	17.91	17.91	88.28	927.65
1247	34.34	34.34	91.75	930.14	1297	18.35	18.35	88.18	927.58

CALLEGUA. 990									
1248	34.36	34.36	91.69	930.10	1298	17.90	17.90	88.08	927.51
1249	33.89	33.89	91.62	930.05	1299	17.40	17.40	87.97	927.44
1250	34.16	34.16	91.56	930.01	1300	17.74	17.74	87.86	927.37
1251	34.20	34.20	91.50	929.97	1310	8.51	8.51	86.79	926.64
1252	33.71	33.71	91.44	929.92	1320	5.76	5.76	85.62	925.84
1253	33.96	33.96	91.38	929.88	1330	4.69	4.69	84.43	925.04
1254	34.00	34.00	91.32	929.83	1340	3.36	3.36	83.24	924.23
1255	33.54	33.54	91.26	929.79	1350	1.61	1.61	81.98	923.42
1256	33.80	33.80	91.20	929.75	1360	1.19	1.19	80.68	922.61
1257	33.86	33.86	91.14	929.70	1370	1.02	1.02	79.40	921.81
1258	33.41	33.41	91.08	929.66	1380	0.94	0.94	78.14	921.03
1259	33.69	33.69	91.02	929.61	1390	0.89	0.89	76.90	920.25
1260	33.76	33.76	90.96	929.57	1400	0.86	0.86	73.39	918.17
1261	33.32	33.32	90.90	929.53	1420	0.82	0.82	64.19	913.21
1262	32.55	32.55	90.84	929.48	1440	0.81	0.81	9.68	907.65
1263	31.82	31.82	90.78	929.44	1460	0.80	0.80	1.02	907.07
1264	30.84	30.84	90.71	929.39	1500	0.80	0.80	0.80	907.05

RESERVOIR ROUTING AT 605C									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	839.50	1165	192.29	200.18	122.07	841.52
100	5.27	5.40	2.68	839.51	1166	185.35	193.89	122.29	841.57
200	5.60	5.92	5.66	839.52	1167	179.23	188.32	122.49	841.62
300	6.33	6.71	6.31	839.53	1168	171.98	181.72	122.67	841.67
400	6.55	7.03	6.87	839.53	1169	162.51	173.11	122.83	841.71
500	6.80	7.42	7.22	839.53	1170	150.30	162.03	122.96	841.74
600	7.17	7.98	7.70	839.53	1171	140.03	152.65	123.06	841.76
700	7.50	8.63	8.31	839.54	1172	132.37	145.58	123.13	841.78
800	8.19	9.86	9.24	839.54	1173	124.62	138.41	123.19	841.80
900	10.74	13.44	11.64	839.55	1174	119.34	133.44	123.22	841.81
1000	15.96	21.03	17.21	839.58	1175	115.25	129.54	123.25	841.81
1050	22.26	29.82	25.36	839.61	1176	110.91	125.40	123.26	841.81
1100	27.98	40.63	35.14	839.65	1177	106.91	121.57	123.26	841.82
1110	39.10	52.77	46.23	839.70	1178	102.59	117.43	123.25	841.81
1120	41.97	57.41	54.91	839.74	1179	99.00	113.95	123.23	841.81
1130	58.23	74.75	65.41	839.79	1180	95.20	110.28	123.20	841.80
1131	60.29	76.89	71.28	839.81	1181	91.14	106.36	123.15	841.79
1132	60.69	77.52	74.62	839.83	1182	87.14	102.49	123.10	841.77
1133	62.49	79.42	76.79	839.84	1183	83.33	98.79	123.03	841.76
1134	64.56	81.58	78.88	839.85	1184	79.74	95.29	122.96	841.74
1135	66.74	83.83	81.04	839.86	1185	76.35	91.96	122.87	841.72
1136	67.82	85.07	82.96	839.86	1186	73.00	88.67	122.78	841.69
1137	69.73	87.09	84.72	839.87	1187	69.82	85.54	122.68	841.67
1138	72.58	89.95	86.86	839.88	1188	66.87	82.61	122.56	841.64
1139	75.08	92.50	89.32	839.89	1189	64.12	79.86	122.44	841.61
1140	77.80	95.24	91.88	839.90	1190	61.49	77.22	122.32	841.58
1141	81.20	98.60	94.72	839.92	1191	59.04	74.75	122.18	841.55
1142	84.39	101.75	97.80	839.93	1192	56.81	72.48	122.04	841.51
1143	86.80	104.22	100.72	839.94	1193	54.67	70.29	121.89	841.47
1144	89.75	107.16	103.52	839.95	1194	52.73	68.29	121.74	841.44
1145	95.64	112.73	107.14	839.97	1195	50.98	66.46	121.59	841.40
1146	101.90	118.62	111.95	839.99	1196	49.36	64.76	121.42	841.36
1147	107.09	123.54	114.03	840.01	1197	47.82	63.13	121.26	841.31
1148	113.11	129.18	114.11	840.02	1198	46.38	61.59	121.09	841.27
1149	128.39	143.05	114.25	840.04	1199	45.01	60.12	120.91	841.23
1150	149.16	161.74	114.49	840.08	1200	43.73	58.73	120.73	841.18
1151	155.79	167.82	114.81	840.14	1201	42.49	57.39	120.55	841.14
1152	182.60	191.72	115.22	840.20	1202	41.31	56.11	120.37	841.09

CALLEGUA. 990

1153	215.58	220.93	115.80	840.30	1203	40.18	54.86	120.18	841.04
1154	226.62	230.73	116.50	840.42	1204	39.09	53.67	119.98	841.00
1155	236.75	239.68	117.25	840.54	1205	38.08	52.54	119.55	840.93
1156	248.13	249.69	118.06	840.68	1206	37.09	51.44	119.12	840.85
1157	260.02	260.08	118.93	840.82	1207	36.14	50.37	118.69	840.78
1158	260.51	260.51	119.82	840.97	1208	35.20	49.32	118.25	840.71
1159	250.59	251.87	120.31	841.08	1209	34.27	48.27	117.81	840.64
1160	250.61	251.86	120.69	841.17	1210	33.39	47.28	117.37	840.56
1161	232.59	236.05	121.05	841.26	1211	32.51	46.29	116.92	840.49
1162	204.35	211.18	121.35	841.34	1212	31.68	45.35	116.47	840.41
1163	198.36	205.79	121.60	841.40	1213	30.88	44.43	116.02	840.34
1164	195.38	203.04	121.84	841.46	1214	30.06	43.51	115.56	840.26

RESERVOIR ROUTING AT 605C

TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT	TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT
1215	29.29	42.63	115.10	840.18	1265	16.50	25.02	25.25	839.61
1216	28.53	41.76	114.64	840.11	1266	16.39	24.85	25.07	839.61
1217	27.81	40.93	114.18	840.03	1267	16.28	24.66	24.89	839.61
1218	27.13	40.14	88.21	839.89	1268	16.14	24.46	24.71	839.61
1219	26.48	39.37	60.89	839.77	1269	16.01	24.26	24.51	839.61
1220	25.92	38.70	48.57	839.71	1270	15.84	24.03	24.30	839.61
1221	25.40	38.06	42.83	839.69	1271	15.67	23.79	24.08	839.61
1222	24.87	37.43	39.96	839.68	1272	15.55	23.61	23.87	839.60
1223	24.41	36.85	38.37	839.67	1273	15.40	23.40	23.66	839.60
1224	24.03	36.36	37.37	839.66	1274	15.19	23.12	23.43	839.60
1225	23.69	35.89	36.67	839.66	1275	14.97	22.85	23.18	839.60
1226	23.32	35.41	36.10	839.66	1276	14.80	22.62	22.93	839.60
1227	23.00	34.98	35.59	839.66	1277	14.62	22.38	22.68	839.60
1228	22.74	34.61	35.14	839.65	1278	14.38	22.08	22.43	839.60
1229	22.50	34.25	34.74	839.65	1279	14.13	21.78	22.15	839.60
1230	22.24	33.88	34.36	839.65	1280	13.94	21.53	21.87	839.60
1231	22.00	33.53	33.99	839.65	1281	13.75	21.29	21.61	839.59
1232	21.81	33.23	33.65	839.65	1282	13.53	21.01	21.35	839.59
1233	21.59	32.91	33.32	839.65	1283	13.34	20.77	21.09	839.59
1234	21.34	32.55	32.99	839.64	1284	13.22	20.59	20.86	839.59
1235	21.17	32.27	32.66	839.64	1285	13.11	20.43	20.66	839.59
1236	21.00	32.00	32.36	839.64	1286	12.96	20.23	20.47	839.59
1237	20.78	31.67	32.06	839.64	1287	12.83	20.04	20.28	839.59
1238	20.57	31.36	31.76	839.64	1288	12.77	19.93	20.12	839.59
1239	20.39	31.08	31.45	839.64	1289	12.71	19.81	19.98	839.59
1240	20.18	30.78	31.16	839.64	1290	12.60	19.65	19.84	839.59
1241	19.98	30.48	30.86	839.64	1291	12.51	19.51	19.70	839.59
1242	19.79	30.19	30.56	839.63	1292	12.48	19.43	19.57	839.59
1243	19.60	29.91	30.27	839.63	1293	12.43	19.32	19.46	839.59
1244	19.39	29.61	29.98	839.63	1294	12.34	19.19	19.35	839.58
1245	19.19	29.32	29.69	839.63	1295	12.30	19.09	19.23	839.58
1246	19.00	29.04	29.41	839.63	1296	12.29	19.03	19.14	839.58
1247	18.82	28.77	29.13	839.63	1297	12.27	18.97	19.06	839.58
1248	18.64	28.51	28.85	839.63	1298	12.20	18.85	18.97	839.58
1249	18.45	28.23	28.58	839.63	1299	12.14	18.74	18.87	839.58
1250	18.28	27.97	28.31	839.62	1300	12.13	18.68	18.78	839.58
1251	18.13	27.73	28.05	839.62	1310	11.02	17.14	17.97	839.58
1252	17.97	27.50	27.81	839.62	1320	9.67	15.41	16.34	839.57
1253	17.83	27.27	27.57	839.62	1330	8.46	13.86	14.69	839.56
1254	17.70	27.07	27.34	839.62	1340	7.95	13.02	13.47	839.56
1255	17.58	26.86	27.13	839.62	1350	7.20	11.98	12.54	839.55
1256	17.46	26.66	26.92	839.62	1360	6.70	11.21	11.63	839.55
1257	17.36	26.48	26.72	839.62	1370	6.47	10.74	10.99	839.55

CALLEGUA. 990									
1258	17.25	26.29	26.53	839.62	1380	6.18	10.23	10.50	839.55
1259	17.15	26.11	26.34	839.62	1390	6.09	9.92	10.08	839.54
1260	17.06	25.95	26.17	839.61	1400	5.92	9.56	9.76	839.54
1261	16.97	25.79	26.00	839.61	1420	5.27	8.57	9.09	839.54
1262	16.84	25.58	25.82	839.61	1440	5.27	8.28	8.43	839.54
1263	16.70	25.37	25.62	839.61	1460	5.27	8.03	8.16	839.54
1264	16.60	25.19	25.43	839.61	1500	5.27	7.61	7.82	839.53

RESERVOIR ROUTING AT 795BC									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	839.53	1165	5258.96	4653.84	184.08	795.23
100	96.52	91.81	0.00	839.53	1166	5478.35	4747.62	184.34	795.34
200	100.74	115.27	0.00	839.53	1167	5693.41	4837.47	184.61	795.44
300	114.18	133.37	0.00	839.53	1168	5876.43	4912.58	184.88	795.55
400	124.37	151.54	40.28	783.15	1169	6025.85	4972.83	185.15	795.66
500	132.85	172.44	70.26	783.68	1170	6150.01	5021.90	185.43	795.77
600	145.37	203.16	96.40	784.17	1171	6274.49	5069.73	185.71	795.88
700	157.11	244.81	120.84	784.67	1172	6359.31	5101.55	185.99	795.99
800	177.61	315.21	138.19	785.30	1173	6374.33	5107.10	186.39	796.10
900	250.93	472.70	143.65	786.29	1174	6377.21	5108.15	186.79	796.20
1000	447.52	837.14	158.97	788.00	1175	6354.53	5099.93	187.19	796.30
1050	685.90	1219.99	160.78	789.18	1176	6295.41	5078.05	187.60	796.40
1100	953.08	1772.29	167.20	791.04	1177	6202.05	5042.76	188.00	796.50
1110	1051.57	1940.46	169.78	791.56	1178	6079.86	4995.56	188.40	796.60
1120	1186.25	2142.15	172.47	792.10	1179	5932.38	4937.38	188.79	796.70
1130	1391.22	2395.27	174.81	792.62	1180	5762.88	4869.13	189.18	796.79
1131	1417.88	2424.49	175.06	792.68	1181	5577.52	4792.94	189.56	796.89
1132	1445.38	2454.25	175.32	792.74	1182	5381.44	4710.65	189.93	796.98
1133	1476.21	2485.84	175.59	792.80	1183	5176.23	4622.80	205.96	797.07
1134	1508.81	2518.43	175.85	792.86	1184	4967.00	4531.37	225.02	797.15
1135	1542.94	2551.87	176.12	792.92	1185	4753.84	4436.41	243.60	797.23
1136	1576.48	2585.02	176.40	792.98	1186	4545.45	4341.54	261.68	797.30
1137	1614.97	2620.78	176.68	793.04	1187	4341.92	4246.91	279.26	797.38
1138	1653.77	2656.71	176.96	793.10	1188	4144.87	4153.31	296.36	797.45
1139	1693.17	2692.93	177.25	793.17	1189	3953.41	4060.51	312.98	797.52
1140	1733.95	2729.84	177.54	793.23	1190	3767.88	3968.75	329.13	797.58
1141	1777.91	2768.35	177.83	793.30	1191	3595.46	3881.32	344.81	797.65
1142	1822.45	2807.09	178.13	793.36	1192	3430.47	3795.90	360.05	797.71
1143	1869.41	2846.99	178.44	793.43	1193	3275.55	3713.80	374.86	797.78
1144	1919.65	2888.45	178.75	793.50	1194	3129.59	3634.67	389.25	797.84
1145	1977.42	2933.52	179.06	793.57	1195	2991.79	3558.28	403.23	797.90
1146	2039.61	2980.59	179.38	793.64	1196	2861.82	3484.61	416.83	797.95
1147	2106.37	3029.68	179.70	793.71	1197	2744.02	3415.79	432.74	798.01
1148	2178.90	3081.30	180.03	793.78	1198	2635.26	3350.51	462.28	798.06
1149	2286.25	3149.28	180.37	793.86	1199	2528.93	3285.77	490.88	798.12
1150	2405.51	3222.33	180.71	793.94	1200	2428.22	3223.14	518.55	798.17
1151	2507.15	3286.38	181.03	794.01	1201	2330.64	3161.49	545.32	798.22
1152	2695.06	3390.09	181.21	794.09	1202	2237.73	3101.61	571.22	798.27
1153	2875.05	3488.82	181.40	794.16	1203	2150.17	3043.91	596.27	798.31
1154	3053.41	3585.52	181.59	794.24	1204	2067.81	2988.39	620.50	798.36
1155	3246.50	3687.59	181.79	794.32	1205	1988.54	2934.05	643.93	798.40
1156	3444.98	3790.60	182.00	794.40	1206	1913.78	2881.64	666.60	798.44
1157	3641.34	3891.11	182.21	794.48	1207	1844.05	2831.50	688.53	798.49
1158	3838.24	3990.28	182.42	794.57	1208	1777.60	2782.79	709.74	798.52
1159	4033.98	4087.32	182.64	794.66	1209	1714.77	2735.71	730.27	798.56
1160	4226.39	4181.27	182.87	794.75	1210	1654.76	2689.91	750.12	798.60
1161	4415.24	4272.04	183.10	794.84	1211	1600.03	2646.67	769.33	798.64
1162	4607.92	4362.74	183.34	794.94	1212	1550.17	2605.85	787.92	798.67

CALLEGUA. 990									
1163	4815.24	4457.79	183.58	795.03	1213	1501.76	2565.71	805.92	798.70
1164	5040.13	4558.13	183.83	795.13	1214	1453.95	2525.83	823.34	798.74

RESERVOIR ROUTING AT 795BC									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	1407.80	2486.76	840.19	798.77	1265	585.23	1444.64	1230.83	799.49
1216	1364.09	2448.93	856.49	798.80	1266	579.49	1432.64	1232.91	799.50
1217	1324.11	2413.07	872.26	798.83	1267	573.83	1420.78	1234.85	799.50
1218	1285.36	2377.86	887.51	798.86	1268	568.37	1409.15	1236.65	799.51
1219	1248.42	2343.62	902.26	798.88	1269	563.41	1397.92	1238.32	799.51
1220	1214.05	2310.79	916.53	798.91	1270	558.35	1386.71	1239.87	799.51
1221	1181.52	2278.99	930.33	798.94	1271	553.20	1375.54	1241.28	799.51
1222	1151.26	2248.47	943.68	798.96	1272	548.70	1364.87	1242.57	799.52
1223	1122.38	2218.76	956.60	798.98	1273	544.32	1354.37	1243.74	799.52
1224	1095.68	2190.31	969.10	799.01	1274	539.64	1343.75	1244.80	799.52
1225	1070.31	2162.66	981.19	799.03	1275	535.26	1333.41	1245.74	799.52
1226	1046.34	2135.87	992.88	799.05	1276	531.12	1323.32	1246.56	799.52
1227	1023.56	2109.83	1004.20	799.07	1277	526.91	1313.25	1247.28	799.53
1228	1002.14	2084.63	1015.14	799.09	1278	522.97	1303.45	1247.89	799.53
1229	982.53	2060.55	1025.73	799.11	1279	519.15	1293.80	1248.40	799.53
1230	963.48	2036.89	1035.97	799.13	1280	515.32	1284.22	1248.81	799.53
1231	945.51	2013.94	1045.88	799.15	1281	511.80	1274.93	1249.12	799.53
1232	928.58	1991.68	1055.46	799.17	1282	508.17	1265.65	1249.33	799.53
1233	911.66	1969.54	1064.73	799.19	1283	504.94	1256.69	1249.45	799.53
1234	895.70	1948.06	1073.68	799.20	1284	501.90	1247.95	1249.48	799.53
1235	881.06	1927.45	1082.33	799.22	1285	498.54	1239.06	1249.42	799.53
1236	866.44	1906.96	1090.69	799.23	1286	495.08	1230.18	1249.27	799.53
1237	851.68	1886.50	1098.76	799.25	1287	492.05	1221.66	1249.03	799.53
1238	837.44	1866.45	1106.55	799.26	1288	489.25	1213.36	1248.72	799.53
1239	824.17	1847.08	1114.06	799.28	1289	486.13	1204.92	1248.32	799.53
1240	811.61	1828.23	1121.31	799.29	1290	482.90	1196.48	1247.85	799.53
1241	798.96	1809.45	1128.29	799.30	1291	480.10	1188.38	1247.29	799.53
1242	786.29	1790.76	1135.02	799.32	1292	477.49	1180.49	1246.66	799.52
1243	774.21	1772.54	1141.49	799.33	1293	474.23	1172.22	1245.96	799.52
1244	762.54	1754.66	1147.72	799.34	1294	471.45	1164.34	1245.18	799.52
1245	750.83	1736.87	1153.71	799.35	1295	468.80	1156.62	1244.33	799.52
1246	740.03	1719.73	1159.46	799.36	1296	466.45	1149.16	1243.42	799.52
1247	729.75	1703.02	1164.99	799.37	1297	463.69	1141.49	1242.43	799.52
1248	719.25	1686.28	1170.29	799.38	1298	460.74	1133.75	1241.38	799.51
1249	708.65	1669.58	1175.38	799.39	1299	458.16	1126.33	1240.27	799.51
1250	698.63	1653.34	1180.24	799.40	1300	455.75	1119.07	1239.09	799.51
1251	688.88	1637.37	1184.90	799.41	1310	419.28	1041.25	1225.52	799.49
1252	679.45	1621.69	1189.35	799.42	1320	385.16	970.03	1205.98	799.45
1253	670.38	1606.34	1193.60	799.43	1330	354.46	905.56	1181.66	799.40
1254	661.65	1591.30	1197.66	799.43	1340	322.34	843.92	1153.58	799.35
1255	653.25	1576.57	1201.53	799.44	1350	289.90	785.41	1122.37	799.29
1256	645.24	1562.18	1205.21	799.45	1360	258.20	730.37	1088.64	799.23
1257	637.56	1548.10	1208.72	799.45	1370	228.19	679.13	1052.97	799.16
1258	630.22	1534.32	1212.05	799.46	1380	202.87	633.61	1015.96	799.09
1259	623.24	1520.87	1215.21	799.47	1390	183.91	594.82	978.32	799.02
1260	616.58	1507.72	1218.20	799.47	1400	169.10	560.99	940.70	798.95
1261	610.20	1494.84	1221.04	799.48	1420	141.32	499.70	868.45	798.82
1262	603.45	1481.83	1223.71	799.48	1440	121.02	449.62	798.75	798.69
1263	597.10	1469.16	1226.23	799.49	1460	105.83	408.02	733.05	798.57
1264	591.15	1456.85	1228.60	799.49	1500	92.57	348.76	619.98	798.36

CALLEGUA. 990

RESERVOIR ROUTING AT 1535BD									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	456.00	1165	2311.44	2189.06	917.59	468.94
100	30.68	33.64	16.02	459.07	1166	2390.69	2226.92	925.25	469.11
200	30.68	41.74	37.50	459.16	1167	2449.61	2254.57	933.54	469.27
300	31.47	45.47	43.52	459.18	1168	2499.17	2277.29	941.93	469.44
400	33.84	51.70	48.44	459.20	1169	2525.49	2289.11	950.38	469.61
500	38.78	61.92	56.57	459.24	1170	2523.92	2288.40	958.81	469.78
600	44.10	75.21	68.25	459.28	1171	2489.23	2272.62	967.13	469.94
700	49.57	93.39	83.86	459.35	1172	2429.77	2245.03	975.60	470.14
800	61.25	126.16	108.99	459.45	1173	2350.14	2207.33	983.97	470.35
900	80.83	185.41	154.36	459.64	1174	2253.56	2160.74	992.01	470.55
1000	121.10	312.85	241.67	460.02	1175	2143.31	2106.54	999.66	470.74
1050	188.27	461.61	334.84	461.05	1176	2022.49	2046.03	1006.86	470.92
1100	330.71	737.66	498.61	462.76	1177	1901.23	1984.03	1077.63	471.04
1110	398.98	833.92	557.66	463.57	1178	1775.66	1918.65	1187.04	471.12
1120	515.03	966.30	623.10	464.45	1179	1656.01	1854.96	1274.67	471.17
1130	628.60	1099.66	690.66	465.15	1180	1539.31	1791.57	1343.37	471.22
1131	643.11	1115.12	695.59	465.22	1181	1431.86	1731.79	1395.75	471.25
1132	660.26	1132.22	700.66	465.30	1182	1335.31	1676.63	1434.38	471.28
1133	679.16	1150.39	705.87	465.37	1183	1241.29	1621.92	1461.29	471.30
1134	699.93	1169.68	711.24	465.45	1184	1149.31	1567.46	1477.99	471.31
1135	721.58	1189.47	716.79	465.53	1185	1060.14	1513.72	1485.83	471.31
1136	743.73	1209.51	722.50	465.61	1186	978.68	1463.37	1486.17	471.31
1137	765.82	1229.46	728.38	465.69	1187	909.14	1418.81	1480.53	471.31
1138	787.05	1248.84	734.42	465.78	1188	846.97	1377.73	1470.23	471.30
1139	805.00	1266.23	740.61	465.87	1189	790.59	1339.39	1456.24	471.29
1140	821.61	1282.79	746.93	465.96	1190	739.68	1303.70	1439.38	471.28
1141	839.75	1300.23	752.64	466.04	1191	701.65	1274.87	1420.58	471.27
1142	857.97	1317.68	757.78	466.13	1192	661.73	1244.77	1400.45	471.26
1143	877.24	1335.71	763.04	466.22	1193	624.46	1215.97	1379.15	471.24
1144	898.50	1354.85	768.42	466.31	1194	590.91	1189.11	1357.04	471.23
1145	926.53	1377.77	773.94	466.40	1195	559.97	1163.61	1334.41	471.21
1146	958.73	1402.93	779.64	466.49	1196	530.52	1138.85	1311.47	471.20
1147	993.98	1429.63	785.53	466.59	1197	504.00	1115.69	1288.40	471.18
1148	1033.18	1458.33	791.61	466.69	1198	479.92	1093.87	1265.41	471.17
1149	1060.74	1480.38	797.88	466.80	1199	456.82	1072.58	1242.59	471.15
1150	1082.79	1499.26	804.27	466.90	1200	435.36	1052.22	1220.03	471.14
1151	1128.89	1531.10	810.90	467.01	1201	415.81	1032.96	1197.81	471.12
1152	1246.97	1601.34	818.37	467.12	1202	398.08	1014.77	1176.03	471.11
1153	1358.27	1666.92	826.44	467.23	1203	382.01	997.58	1154.76	471.10
1154	1458.31	1725.56	835.04	467.36	1204	368.08	981.71	1134.08	471.08
1155	1537.94	1772.61	844.09	467.49	1205	355.27	966.54	1114.05	471.07
1156	1601.71	1810.71	853.46	467.62	1206	343.20	951.85	1094.66	471.06
1157	1666.43	1848.73	863.11	467.76	1207	332.47	938.04	1075.91	471.04
1158	1730.33	1885.72	873.05	467.90	1208	322.43	924.69	1057.81	471.03
1159	1777.39	1913.65	881.71	468.04	1209	315.22	913.15	1040.42	471.02
1160	1801.97	1929.97	887.21	468.18	1210	307.67	901.47	1023.75	471.01
1161	1872.33	1968.55	892.82	468.32	1211	298.66	888.94	1009.87	471.00
1162	1958.36	2014.00	898.62	468.47	1212	289.27	876.22	1009.02	470.98
1163	2066.78	2069.25	904.66	468.62	1213	279.57	863.35	1008.09	470.95
1164	2195.60	2132.94	910.98	468.77	1214	270.10	850.68	1007.08	470.93

RESERVOIR ROUTING AT 1535BD									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	261.02	838.31	1005.99	470.90	1265	121.00	504.41	910.30	468.76
1216	252.38	826.27	1004.83	470.87	1266	119.62	500.03	908.15	468.70

CALLEGUA. 990

1217	244.45	814.74	1003.59	470.84	1267	118.37	495.80	905.98	468.65
1218	237.62	803.99	1002.29	470.81	1268	117.23	491.68	903.80	468.60
1219	233.04	794.76	1000.93	470.77	1269	116.12	487.62	901.61	468.54
1220	229.29	786.14	999.52	470.74	1270	114.92	483.53	899.42	468.49
1221	226.45	778.20	998.07	470.70	1271	113.66	479.45	897.21	468.43
1222	224.63	771.02	996.57	470.66	1272	112.40	475.39	894.99	468.37
1223	224.12	764.78	995.04	470.63	1273	111.09	471.33	892.76	468.32
1224	224.83	759.44	993.48	470.59	1274	109.73	467.27	890.52	468.26
1225	226.24	754.66	991.90	470.55	1275	108.32	463.21	888.28	468.21
1226	227.97	750.18	990.29	470.51	1276	106.86	459.14	886.02	468.15
1227	229.70	745.80	988.67	470.47	1277	105.36	455.07	883.75	468.09
1228	231.20	741.35	987.03	470.43	1278	103.82	451.01	881.48	468.04
1229	232.28	736.72	985.37	470.38	1279	102.34	447.02	878.49	467.98
1230	232.85	731.82	983.69	470.34	1280	100.83	443.05	874.20	467.92
1231	232.84	726.60	981.98	470.30	1281	99.32	439.11	869.92	467.86
1232	232.23	721.05	980.25	470.26	1282	97.82	435.20	865.64	467.79
1233	231.03	715.17	978.50	470.21	1283	96.34	431.34	861.36	467.73
1234	229.26	708.96	976.71	470.17	1284	94.88	427.53	857.09	467.67
1235	226.95	702.46	974.90	470.12	1285	93.47	423.78	852.82	467.61
1236	224.15	695.67	973.05	470.08	1286	92.09	420.08	848.56	467.55
1237	220.92	688.64	971.17	470.03	1287	90.76	416.46	844.30	467.49
1238	217.32	681.41	969.30	469.99	1288	89.47	412.89	840.06	467.43
1239	213.41	674.02	967.46	469.95	1289	88.23	409.38	835.81	467.37
1240	209.25	666.50	965.59	469.91	1290	87.01	405.93	831.58	467.31
1241	204.53	658.64	963.68	469.87	1291	85.83	402.53	827.35	467.25
1242	199.68	650.74	961.74	469.83	1292	84.69	399.18	823.13	467.19
1243	194.73	642.80	959.75	469.80	1293	83.57	395.88	818.92	467.13
1244	189.70	634.86	957.73	469.75	1294	82.48	392.62	814.72	467.07
1245	184.63	626.94	955.67	469.71	1295	81.42	389.42	810.53	467.01
1246	179.64	619.10	953.58	469.67	1296	80.39	386.27	806.59	466.94
1247	174.75	611.39	951.45	469.63	1297	79.39	383.17	802.69	466.88
1248	169.69	603.59	949.28	469.59	1298	78.51	380.18	798.80	466.81
1249	164.93	596.05	947.08	469.54	1299	77.71	377.28	794.92	466.75
1250	160.57	588.84	944.84	469.50	1300	76.87	374.37	791.04	466.68
1251	156.45	581.84	942.58	469.45	1310	68.55	346.63	753.41	466.06
1252	152.55	575.05	940.29	469.41	1320	62.91	323.13	707.88	465.40
1253	148.88	568.45	937.97	469.36	1330	57.19	301.40	650.39	464.71
1254	145.44	562.07	935.62	469.31	1340	51.95	281.66	577.66	463.88
1255	142.22	555.89	933.25	469.26	1350	48.04	264.41	512.60	462.92
1256	139.23	549.92	930.85	469.22	1360	43.13	247.60	451.68	462.24
1257	136.47	544.16	928.43	469.17	1370	39.51	232.93	397.31	461.67
1258	133.92	538.59	926.00	469.12	1380	37.18	220.33	351.26	461.21
1259	131.57	533.21	923.54	469.07	1390	35.55	209.19	315.03	460.83
1260	129.42	528.03	921.06	469.02	1400	33.27	198.28	286.11	460.51
1261	127.46	523.02	918.80	468.97	1420	30.48	179.99	243.25	460.04
1262	125.67	518.17	916.70	468.92	1440	29.60	165.60	176.36	459.73
1263	124.01	513.47	914.58	468.86	1460	29.34	153.61	161.25	459.67
1264	122.46	508.88	912.45	468.81	1500	29.31	134.42	145.17	459.60

RESERVOIR ROUTING AT 2275C

TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	794.00	1165	546.34	579.51	320.94	806.59
100	28.33	27.98	8.95	794.30	1166	483.82	522.22	322.21	806.72
200	35.42	35.41	28.82	794.96	1167	434.63	476.87	323.20	806.82
300	39.70	39.78	36.93	795.13	1168	395.80	440.81	323.95	806.89
400	41.58	41.89	40.53	795.19	1169	364.35	411.39	324.51	806.95
500	45.49	46.09	43.45	795.25	1170	338.14	386.67	324.93	806.99
600	48.33	49.43	47.30	795.32	1171	316.57	366.15	325.21	807.02

CALLEGUA. 990

700	60.98	62.63	54.39	795.44	1172	298.34	348.64	325.39	807.04
800	67.72	70.75	65.55	795.65	1173	282.24	333.06	325.47	807.05
900	90.40	95.73	80.11	795.91	1174	267.43	318.65	325.48	807.05
1000	128.60	139.57	113.40	796.40	1175	254.11	305.58	325.40	807.04
1050	158.02	175.33	149.15	796.90	1176	241.25	292.94	325.26	807.03
1100	186.97	218.16	185.68	797.48	1177	228.62	280.51	325.05	807.00
1110	204.84	239.86	199.67	797.70	1178	216.75	268.76	324.77	806.98
1120	222.61	262.36	210.04	798.00	1179	206.15	258.18	324.43	806.94
1130	255.67	300.10	215.25	798.44	1180	196.46	248.45	324.03	806.90
1131	260.72	305.54	216.00	798.50	1181	187.95	239.80	323.59	806.86
1132	264.81	310.12	216.79	798.57	1182	180.57	232.18	323.11	806.81
1133	269.81	315.53	217.62	798.64	1183	174.95	226.20	322.59	806.76
1134	275.76	321.83	218.49	798.71	1184	170.82	221.59	322.04	806.70
1135	283.38	329.67	219.42	798.78	1185	167.97	218.18	321.47	806.65
1136	292.79	339.15	220.41	798.87	1186	166.40	215.97	320.89	806.59
1137	303.41	349.74	221.48	798.96	1187	165.08	213.99	320.31	806.53
1138	313.86	360.18	222.68	799.05	1188	163.86	212.13	319.71	806.47
1139	322.41	368.89	224.00	799.15	1189	163.79	211.33	319.12	806.41
1140	329.60	376.36	225.39	799.26	1190	165.52	212.22	318.52	806.35
1141	338.01	384.95	226.84	799.37	1191	167.86	213.70	317.94	806.29
1142	349.41	396.25	228.37	799.49	1192	170.45	215.42	317.36	806.24
1143	364.11	410.56	230.00	799.62	1193	173.09	217.21	316.80	806.18
1144	382.06	427.80	231.76	799.75	1194	174.29	217.67	316.25	806.13
1145	402.44	447.24	233.68	799.90	1195	173.02	215.86	315.70	806.07
1146	423.41	467.17	235.52	800.05	1196	170.51	212.91	315.14	806.01
1147	442.50	485.38	237.04	800.20	1197	168.28	210.23	314.36	805.96
1148	460.69	502.76	238.65	800.37	1198	166.31	207.79	313.48	805.90
1149	499.50	538.69	240.43	800.54	1199	164.57	205.59	312.60	805.84
1150	569.79	602.84	242.51	800.75	1200	163.15	203.69	311.71	805.78
1151	674.66	697.87	245.20	801.01	1201	161.44	201.53	310.81	805.72
1152	806.27	816.60	253.19	801.33	1202	159.20	198.88	309.89	805.66
1153	954.04	949.41	263.01	801.72	1203	156.22	195.55	308.96	805.60
1154	1084.02	1065.91	271.86	802.19	1204	152.85	191.87	308.01	805.53
1155	1170.59	1143.31	277.08	802.71	1205	149.64	188.34	307.04	805.47
1156	1209.09	1177.65	282.62	803.26	1206	146.63	185.01	306.04	805.40
1157	1194.22	1164.40	288.19	803.82	1207	144.06	182.10	305.03	805.34
1158	1144.65	1120.09	293.56	804.36	1208	141.88	179.56	304.00	805.27
1159	1081.08	1063.13	298.59	804.86	1209	140.30	177.58	302.97	805.20
1160	1014.53	1003.31	304.22	805.28	1210	138.89	175.77	301.92	805.13
1161	928.30	925.66	309.68	805.65	1211	137.41	173.91	300.87	805.06
1162	827.88	835.04	314.39	805.96	1212	136.07	172.18	299.86	804.99
1163	720.90	738.26	317.21	806.22	1213	134.93	170.65	299.05	804.91
1164	625.55	651.71	319.30	806.43	1214	133.95	169.28	298.24	804.82

RESERVOIR ROUTING AT 2275C

TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	132.87	167.82	297.42	804.74	1265	104.17	125.39	242.04	800.70
1216	132.03	166.59	296.60	804.66	1266	102.40	123.49	241.30	800.63
1217	131.49	165.65	295.78	804.58	1267	100.97	121.93	240.55	800.56
1218	130.70	164.49	294.96	804.50	1268	99.35	120.19	239.80	800.48
1219	129.90	163.32	294.13	804.41	1269	97.76	118.46	239.04	800.40
1220	129.46	162.49	293.30	804.33	1270	96.54	117.11	238.28	800.33
1221	129.17	161.81	292.48	804.25	1271	95.41	115.84	237.51	800.25
1222	128.66	160.93	291.65	804.17	1272	94.01	114.31	236.74	800.17
1223	128.12	160.04	290.83	804.08	1273	92.56	112.73	235.97	800.10
1224	127.90	159.45	290.00	804.00	1274	91.44	111.48	235.19	800.02
1225	127.79	158.96	289.18	803.92	1275	90.45	110.35	234.11	799.93
1226	127.43	158.26	288.36	803.84	1276	89.29	109.07	232.95	799.84

CALLEGUA. 990

1227	127.05	157.53	287.54	803.75	1277	88.25	107.89	231.79	799.75
1228	126.97	157.09	286.73	803.67	1278	87.64	107.13	230.63	799.66
1229	126.98	156.75	285.91	803.59	1279	87.22	106.55	229.48	799.58
1230	126.76	156.20	285.10	803.51	1280	86.62	105.81	228.33	799.49
1231	126.51	155.63	284.29	803.43	1281	86.09	105.12	227.18	799.40
1232	126.10	154.90	283.48	803.35	1282	85.93	104.80	226.04	799.31
1233	125.44	153.94	282.67	803.27	1283	85.90	104.60	224.91	799.22
1234	124.37	152.61	281.86	803.19	1284	85.63	104.18	223.78	799.14
1235	122.90	150.90	281.05	803.10	1285	85.36	103.76	222.66	799.05
1236	121.50	149.26	280.23	803.02	1286	85.41	103.65	221.59	798.97
1237	120.22	147.74	279.40	802.94	1287	85.55	103.62	220.57	798.88
1238	119.05	146.32	278.57	802.86	1288	85.40	103.32	219.56	798.80
1239	117.96	144.98	277.74	802.77	1289	85.22	102.99	218.56	798.71
1240	117.04	143.82	276.90	802.69	1290	85.33	102.95	217.56	798.63
1241	116.11	142.64	276.06	802.61	1291	85.50	102.96	216.58	798.55
1242	115.05	141.35	275.22	802.52	1292	85.38	102.69	215.60	798.47
1243	114.08	140.15	274.38	802.44	1293	85.21	102.38	214.62	798.39
1244	113.15	138.98	273.53	802.35	1294	85.33	102.35	213.66	798.30
1245	112.22	137.82	272.69	802.27	1295	85.50	102.37	212.70	798.22
1246	111.50	136.87	271.84	802.18	1296	85.38	102.11	211.74	798.15
1247	110.91	136.04	270.99	802.10	1297	85.21	101.80	210.80	798.07
1248	110.35	135.24	270.14	802.01	1298	85.33	101.78	209.60	797.99
1249	110.00	134.65	268.24	801.93	1299	85.50	101.80	206.93	797.91
1250	109.75	134.15	266.15	801.85	1300	85.38	101.55	204.33	797.84
1251	109.47	133.63	264.09	801.76	1310	74.05	89.41	168.27	797.20
1252	109.35	133.27	262.05	801.68	1320	61.47	76.18	136.29	796.72
1253	109.27	132.94	260.04	801.60	1330	57.69	71.50	111.65	796.38
1254	109.14	132.57	258.05	801.52	1340	56.62	69.53	95.32	796.15
1255	109.12	132.32	256.09	801.44	1350	46.84	59.26	84.02	795.98
1256	109.13	132.09	254.16	801.37	1360	35.80	47.85	74.84	795.82
1257	109.05	131.79	252.25	801.29	1370	29.89	41.43	65.40	795.64
1258	109.08	131.58	250.37	801.21	1380	28.42	39.36	57.36	795.50
1259	109.11	131.38	248.52	801.14	1390	28.25	38.59	51.40	795.39
1260	109.04	131.10	246.69	801.07	1400	28.23	38.01	47.16	795.31
1261	108.63	130.49	244.95	801.00	1420	28.05	36.85	41.96	795.22
1262	108.13	129.79	244.23	800.92	1440	28.05	36.00	39.03	795.16
1263	107.20	128.69	243.50	800.85	1460	28.05	35.28	37.26	795.13
1264	105.81	127.16	242.78	800.78	1500	28.05	34.09	35.38	795.10

RESERVOIR ROUTING AT 2363CE

TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT	TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT
0	0.00	0.00	0.00	892.00	1165	196.16	243.77	180.47	900.93
100	6.54	6.85	2.97	892.07	1166	167.49	217.04	180.66	900.96
200	7.26	7.99	7.34	892.17	1167	144.92	195.77	180.75	900.98
300	11.45	12.33	9.88	892.23	1168	128.70	180.22	180.78	900.98
400	11.98	13.09	12.66	892.29	1169	117.84	169.52	180.76	900.98
500	14.10	15.51	14.14	892.33	1170	108.14	159.86	180.70	900.97
600	16.92	18.78	16.93	892.39	1171	102.30	153.71	180.61	900.96
700	19.77	22.35	20.33	892.47	1172	97.26	148.30	180.50	900.94
800	22.91	26.72	24.24	892.56	1173	91.18	141.95	180.37	900.91
900	31.36	37.53	31.41	892.73	1174	87.64	137.92	180.22	900.89
1000	46.88	58.48	46.61	893.08	1175	84.23	134.02	180.06	900.86
1050	64.15	81.50	66.71	893.55	1176	81.36	130.63	179.88	900.83
1100	73.03	102.57	89.18	894.05	1177	77.97	126.77	179.69	900.80
1110	100.14	132.28	101.87	894.23	1178	73.62	122.04	179.49	900.77
1120	104.47	141.09	120.51	894.51	1179	72.09	119.91	179.27	900.73
1130	133.05	173.42	136.13	894.76	1180	69.29	116.63	179.05	900.69
1131	137.92	178.55	136.68	894.81	1181	67.10	113.92	178.81	900.65

CALLEGUA. 990									
1132	141.71	182.70	137.28	894.86	1182	65.54	111.79	178.57	900.61
1133	146.17	187.47	137.94	894.92	1183	63.64	109.37	178.32	900.57
1134	150.37	192.00	138.65	894.98	1184	62.48	107.64	178.06	900.52
1135	154.52	196.48	139.41	895.05	1185	61.56	106.15	177.80	900.48
1136	156.83	199.28	140.21	895.12	1186	60.71	104.74	177.53	900.43
1137	161.38	204.15	141.06	895.19	1187	60.43	103.86	177.26	900.39
1138	165.27	208.42	141.95	895.27	1188	60.24	103.09	176.99	900.34
1139	169.46	212.97	142.90	895.35	1189	60.21	102.47	176.72	900.30
1140	174.43	218.24	143.90	895.44	1190	59.98	101.68	176.44	900.25
1141	181.94	225.83	144.97	895.54	1191	60.29	101.41	176.16	900.20
1142	188.82	232.85	146.13	895.64	1192	60.48	101.04	175.89	900.16
1143	196.43	240.52	147.37	895.75	1193	60.75	100.75	175.61	900.11
1144	205.26	249.31	148.71	895.86	1194	60.88	100.35	175.33	900.06
1145	218.75	262.31	150.18	895.99	1195	61.19	100.12	175.06	900.01
1146	232.19	275.24	150.94	896.11	1196	60.80	99.24	174.70	899.96
1147	248.19	290.46	151.74	896.24	1197	60.78	98.73	174.30	899.89
1148	265.52	306.85	152.63	896.38	1198	60.57	98.05	173.90	899.83
1149	305.64	343.73	153.67	896.55	1199	60.03	97.07	173.50	899.76
1150	358.56	391.98	154.97	896.76	1200	59.56	96.15	173.10	899.70
1151	398.10	428.06	156.52	897.01	1201	58.73	94.91	172.69	899.63
1152	495.03	515.38	158.43	897.32	1202	57.93	93.71	172.28	899.56
1153	582.63	594.00	160.83	897.71	1203	56.63	92.03	171.86	899.50
1154	645.31	650.08	163.49	898.14	1204	55.58	90.61	171.44	899.43
1155	678.50	679.68	166.13	898.57	1205	54.21	88.88	171.01	899.36
1156	689.14	689.14	168.85	899.01	1206	52.64	86.98	170.57	899.29
1157	663.55	666.39	171.53	899.44	1207	51.32	85.31	170.13	899.22
1158	608.92	617.65	174.00	899.84	1208	49.92	83.58	169.67	899.14
1159	547.26	562.44	175.83	900.14	1209	48.63	81.95	169.22	899.07
1160	496.18	516.47	177.17	900.37	1210	47.63	80.61	168.76	898.99
1161	407.43	436.55	178.27	900.56	1211	46.50	79.15	168.29	898.92
1162	337.53	373.25	179.11	900.70	1212	46.02	78.31	167.82	898.84
1163	281.28	322.02	179.73	900.81	1213	45.58	77.52	167.34	898.77
1164	234.49	279.14	180.18	900.88	1214	45.09	76.68	166.87	898.69

RESERVOIR ROUTING AT 2363CE									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	44.80	76.05	166.39	898.61	1265	39.20	58.37	108.07	894.32
1216	44.73	75.62	165.92	898.54	1266	38.09	57.13	104.07	894.26
1217	44.85	75.39	165.44	898.46	1267	37.06	55.96	100.30	894.21
1218	44.44	74.66	164.97	898.38	1268	36.11	54.88	96.74	894.16
1219	44.43	74.31	164.49	898.30	1269	35.30	53.93	93.38	894.11
1220	44.80	74.33	164.02	898.23	1270	34.19	52.70	90.20	894.06
1221	44.83	74.03	163.55	898.15	1271	33.49	51.86	87.19	894.02
1222	44.50	73.40	163.07	898.08	1272	33.24	51.46	84.56	893.97
1223	44.53	73.11	162.60	898.00	1273	32.76	50.85	82.22	893.91
1224	44.91	73.16	162.06	897.91	1274	32.06	50.02	79.99	893.86
1225	44.93	72.88	161.52	897.82	1275	31.80	49.62	77.87	893.81
1226	44.59	72.26	160.98	897.74	1276	31.97	49.64	75.89	893.76
1227	44.60	71.98	160.44	897.65	1277	31.84	49.37	74.04	893.72
1228	44.96	72.03	159.90	897.56	1278	31.42	48.82	72.29	893.68
1229	44.96	71.75	159.37	897.48	1279	31.39	48.65	70.64	893.64
1230	44.62	71.13	158.84	897.39	1280	31.72	48.83	69.11	893.61
1231	44.62	70.86	158.31	897.30	1281	31.70	48.67	67.68	893.57
1232	44.97	70.93	157.78	897.22	1282	31.34	48.19	66.33	893.54
1233	44.57	70.28	157.25	897.13	1283	31.35	48.06	65.05	893.51
1234	44.09	69.55	156.72	897.05	1284	31.70	48.27	63.87	893.49
1235	44.24	69.43	156.19	896.96	1285	31.69	48.13	62.77	893.46
1236	43.98	68.94	155.66	896.88	1286	31.33	47.66	61.73	893.44

CALLEGUA. 990

1237	43.39	68.12	155.13	896.79	1287	31.34	47.54	60.74	893.41
1238	43.26	67.75	154.60	896.70	1288	31.69	47.76	59.82	893.39
1239	43.00	67.26	154.08	896.62	1289	31.68	47.62	58.97	893.37
1240	42.64	66.67	153.55	896.53	1290	31.33	47.16	58.16	893.35
1241	42.55	66.34	153.02	896.45	1291	31.34	47.05	57.38	893.33
1242	42.39	65.96	152.49	896.36	1292	31.69	47.27	56.66	893.32
1243	42.18	65.53	151.97	896.28	1293	31.29	46.76	55.99	893.30
1244	42.22	65.34	151.44	896.19	1294	31.25	46.60	55.33	893.29
1245	42.15	65.05	150.92	896.11	1295	31.21	46.45	54.72	893.27
1246	42.02	64.71	150.40	896.02	1296	31.51	46.63	54.14	893.26
1247	42.11	64.58	149.41	895.93	1297	31.53	46.54	53.61	893.25
1248	42.09	64.34	148.25	895.82	1298	31.33	46.23	53.11	893.24
1249	41.98	64.03	147.09	895.72	1299	31.29	46.08	52.62	893.22
1250	42.09	63.93	145.95	895.62	1300	31.67	46.34	52.17	893.21
1251	42.08	63.72	144.82	895.52	1310	22.66	36.50	47.61	893.11
1252	41.98	63.42	143.71	895.42	1320	17.93	30.94	40.99	892.95
1253	42.09	63.33	142.60	895.33	1330	18.24	30.41	35.72	892.83
1254	42.07	63.12	141.52	895.23	1340	17.62	29.05	32.76	892.76
1255	41.97	62.84	140.44	895.14	1350	10.76	21.62	29.67	892.69
1256	42.08	62.75	139.37	895.04	1360	7.39	17.68	24.89	892.58
1257	42.07	62.56	138.32	894.95	1370	6.68	16.41	20.97	892.49
1258	41.97	62.28	137.28	894.86	1380	6.69	15.90	18.53	892.43
1259	42.08	62.20	136.25	894.77	1390	6.58	15.31	17.08	892.40
1260	42.07	62.01	132.50	894.68	1400	6.61	14.91	16.10	892.37
1261	41.97	61.74	126.89	894.60	1420	6.30	13.82	14.92	892.35
1262	41.30	60.91	121.69	894.52	1440	6.30	13.16	13.92	892.32
1263	40.68	60.14	116.84	894.45	1460	5.67	11.96	13.04	892.30
1264	40.11	59.42	112.31	894.39	1500	5.67	11.03	11.70	892.27

RESERVOIR ROUTING AT 2371CD

TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	870.00	1165	222.14	222.14	135.14	880.26
100	3.98	3.98	1.94	870.08	1166	220.82	220.82	135.46	880.32
200	8.32	8.32	6.10	870.24	1167	219.24	219.24	135.76	880.38
300	12.09	12.09	10.16	870.40	1168	217.44	217.44	136.07	880.43
400	14.78	14.78	13.41	870.52	1169	216.83	216.83	136.36	880.48
500	17.23	17.23	15.98	870.62	1170	215.69	215.69	136.65	880.54
600	20.62	20.62	18.88	870.74	1171	214.64	214.64	136.94	880.59
700	25.10	25.10	22.81	870.89	1172	213.25	213.25	137.22	880.64
800	29.90	29.90	27.44	871.07	1173	212.01	212.01	137.50	880.69
900	39.45	39.45	34.56	871.35	1174	211.31	211.31	137.77	880.74
1000	58.87	58.87	48.93	871.91	1175	210.82	210.82	138.03	880.79
1050	84.14	84.14	66.65	873.11	1176	210.03	210.03	138.30	880.84
1100	112.08	112.08	86.78	874.68	1177	208.33	208.33	138.56	880.88
1110	130.89	130.89	92.81	875.21	1178	207.53	207.53	138.81	880.93
1120	150.14	150.14	101.39	875.96	1179	207.04	207.04	139.06	880.97
1130	175.05	175.05	107.90	876.63	1180	206.01	206.01	139.30	881.02
1131	177.55	177.55	108.72	876.71	1181	205.53	205.53	139.55	881.06
1132	178.87	178.87	109.55	876.80	1182	204.83	204.83	139.79	881.11
1133	180.56	180.56	110.39	876.89	1183	204.23	204.23	140.02	881.15
1134	182.23	182.23	111.23	876.98	1184	203.66	203.66	140.26	881.19
1135	184.15	184.15	112.09	877.07	1185	203.34	203.34	140.49	881.23
1136	185.33	185.33	112.96	877.16	1186	202.90	202.90	140.72	881.27
1137	187.32	187.32	113.83	877.25	1187	202.47	202.47	140.94	881.32
1138	189.36	189.36	114.72	877.34	1188	202.06	202.06	141.16	881.36
1139	191.36	191.36	115.62	877.44	1189	201.58	201.58	141.39	881.40
1140	193.84	193.84	116.54	877.53	1190	200.98	200.98	141.60	881.44
1141	196.62	196.62	117.48	877.63	1191	200.64	200.64	141.82	881.48

CALLEGUA. 990

1142	199.09	199.09	118.44	877.73	1192	200.13	200.13	142.03	881.51
1143	202.00	202.00	119.42	877.84	1193	199.58	199.58	142.24	881.55
1144	205.96	205.96	120.43	877.94	1194	199.27	199.27	142.45	881.59
1145	210.40	210.40	121.21	878.04	1195	198.91	198.91	142.66	881.63
1146	214.99	214.99	121.72	878.11	1196	198.31	198.31	142.86	881.66
1147	219.93	219.93	122.25	878.20	1197	197.82	197.82	143.07	881.70
1148	224.58	224.58	122.80	878.29	1198	197.40	197.40	143.26	881.74
1149	236.31	236.31	123.40	878.38	1199	196.77	196.77	143.46	881.77
1150	252.23	252.23	124.06	878.48	1200	196.28	196.28	143.65	881.81
1151	260.19	260.19	124.79	878.60	1201	195.59	195.59	143.85	881.84
1152	284.95	284.95	125.61	878.73	1202	194.69	194.69	144.03	881.88
1153	306.40	306.40	126.55	878.87	1203	193.77	193.77	144.22	881.91
1154	315.04	315.04	127.57	879.04	1204	192.95	192.95	144.39	881.94
1155	320.55	320.55	128.62	879.20	1205	192.01	192.01	144.57	881.97
1156	321.11	321.11	129.68	879.37	1206	190.94	190.94	144.73	882.00
1157	304.49	304.49	130.69	879.53	1207	190.15	190.15	144.84	882.03
1158	287.83	287.83	131.61	879.67	1208	189.23	189.23	144.95	882.05
1159	279.94	279.94	132.45	879.80	1209	188.49	188.49	145.05	882.07
1160	256.19	256.19	133.20	879.92	1210	187.87	187.87	145.15	882.09
1161	236.35	236.35	133.78	880.01	1211	187.14	187.14	145.26	882.11
1162	230.58	230.58	134.14	880.08	1212	186.59	186.59	145.35	882.13
1163	225.78	225.78	134.49	880.14	1213	186.09	186.09	145.45	882.15
1164	224.73	224.73	134.82	880.20	1214	185.54	185.54	145.55	882.17

RESERVOIR ROUTING AT 2371CD

TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	184.87	184.87	145.64	882.19	1265	127.03	127.03	148.03	882.68
1216	184.40	184.40	145.74	882.21	1266	122.47	122.47	147.97	882.67
1217	183.89	183.89	145.83	882.23	1267	118.01	118.01	147.91	882.65
1218	183.22	183.22	145.92	882.25	1268	113.92	113.92	147.83	882.64
1219	182.71	182.71	146.01	882.26	1269	110.24	110.24	147.75	882.62
1220	182.20	182.20	146.09	882.28	1270	106.70	106.70	147.65	882.60
1221	181.60	181.60	146.18	882.30	1271	103.44	103.44	147.55	882.58
1222	180.96	180.96	146.26	882.32	1272	100.39	100.39	147.44	882.56
1223	180.43	180.43	146.34	882.33	1273	97.64	97.64	147.33	882.53
1224	179.92	179.92	146.42	882.35	1274	95.09	95.09	147.20	882.51
1225	179.28	179.28	146.50	882.37	1275	92.79	92.79	147.08	882.48
1226	178.58	178.58	146.58	882.38	1276	90.62	90.62	146.95	882.46
1227	177.99	177.99	146.66	882.40	1277	88.51	88.51	146.81	882.43
1228	177.43	177.43	146.73	882.41	1278	86.52	86.52	146.67	882.40
1229	176.78	176.78	146.80	882.43	1279	84.72	84.72	146.52	882.37
1230	176.09	176.09	146.87	882.44	1280	83.02	83.02	146.37	882.34
1231	175.51	175.51	146.94	882.46	1281	81.36	81.36	146.22	882.31
1232	174.96	174.96	147.01	882.47	1282	79.81	79.81	146.06	882.28
1233	174.17	174.17	147.08	882.48	1283	78.41	78.41	145.90	882.24
1234	173.45	173.45	147.14	882.50	1284	77.14	77.14	145.74	882.21
1235	172.98	172.98	147.20	882.51	1285	75.88	75.88	145.58	882.18
1236	172.32	172.32	147.26	882.52	1286	74.67	74.67	145.41	882.14
1237	171.48	171.48	147.32	882.53	1287	73.59	73.59	145.24	882.11
1238	170.93	170.93	147.38	882.54	1288	72.57	72.57	145.07	882.07
1239	170.38	170.38	147.43	882.56	1289	71.54	71.54	144.89	882.04
1240	169.63	169.63	147.49	882.57	1290	70.58	70.58	144.72	882.00
1241	169.09	169.09	147.54	882.58	1291	69.74	69.74	144.45	881.95
1242	168.57	168.57	147.59	882.59	1292	68.94	68.94	144.17	881.90
1243	167.83	167.83	147.64	882.60	1293	68.02	68.02	143.90	881.85
1244	167.30	167.30	147.69	882.61	1294	67.27	67.27	143.62	881.80
1245	166.79	166.79	147.73	882.62	1295	66.67	66.67	143.34	881.75
1246	166.05	166.05	147.78	882.63	1296	65.98	65.98	143.06	881.70

CALLEGUA. 990

1247	165.45	165.45	147.82	882.64	1297	65.35	65.35	142.78	881.65
1248	164.61	164.61	147.86	882.64	1298	64.74	64.74	142.49	881.60
1249	163.32	163.32	147.90	882.65	1299	64.21	64.21	142.21	881.55
1250	162.18	162.18	147.94	882.66	1300	63.72	63.72	141.92	881.49
1251	161.06	161.06	147.97	882.67	1310	56.56	56.56	139.05	880.97
1252	159.72	159.72	148.00	882.67	1320	49.70	49.70	136.02	880.42
1253	158.62	158.62	148.02	882.68	1330	43.86	43.86	132.43	879.80
1254	157.54	157.54	148.05	882.68	1340	40.10	40.10	127.60	879.04
1255	156.24	156.24	148.07	882.69	1350	35.16	35.16	122.81	878.29
1256	155.17	155.17	148.09	882.69	1360	30.02	30.02	114.67	877.34
1257	154.13	154.13	148.10	882.69	1370	25.66	25.66	104.96	876.32
1258	152.87	152.87	148.12	882.70	1380	22.80	22.80	91.28	875.07
1259	151.85	151.85	148.13	882.70	1390	20.99	20.99	75.90	873.78
1260	150.38	150.38	148.13	882.70	1400	19.79	19.79	53.09	872.14
1261	147.16	147.16	148.13	882.70	1420	18.25	18.25	19.15	870.75
1262	142.29	142.29	148.13	882.70	1440	17.07	17.07	17.73	870.69
1263	136.92	136.92	148.11	882.69	1460	15.97	15.97	16.59	870.65
1264	131.76	131.76	148.07	882.69	1500	14.35	14.35	15.21	870.59

RESERVOIR ROUTING AT 2409C

TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	848.00	1165	340.68	340.68	133.04	859.19
100	11.75	11.75	5.25	848.12	1166	316.59	316.59	133.36	859.26
200	18.08	18.08	14.58	848.34	1167	299.05	299.05	133.63	859.32
300	25.18	25.18	21.25	848.50	1168	286.86	286.86	133.89	859.38
400	29.13	29.13	26.95	848.63	1169	278.87	278.87	134.13	859.43
500	33.84	33.84	31.23	848.73	1170	272.61	272.61	134.36	859.49
600	38.78	38.78	36.05	848.84	1171	266.70	266.70	134.57	859.53
700	46.75	46.75	42.34	848.99	1172	262.07	262.07	134.78	859.58
800	54.76	54.76	50.33	849.17	1173	258.65	258.65	134.98	859.63
900	71.69	71.69	62.33	849.45	1174	255.46	255.46	135.18	859.67
1000	103.59	103.59	84.61	849.99	1175	253.28	253.28	135.37	859.72
1050	140.64	140.64	93.31	851.03	1176	250.27	250.27	135.55	859.76
1100	179.17	179.17	104.76	852.76	1177	247.12	247.12	135.74	859.80
1110	208.46	208.46	106.76	853.22	1178	244.54	244.54	135.91	859.84
1120	225.13	225.13	109.32	853.80	1179	242.07	242.07	136.08	859.88
1130	259.10	259.10	112.06	854.42	1180	239.87	239.87	136.25	859.92
1131	265.54	265.54	112.38	854.49	1181	237.74	237.74	136.42	859.95
1132	269.73	269.73	112.71	854.57	1182	235.95	235.95	136.58	859.99
1133	274.06	274.06	113.04	854.64	1183	234.25	234.25	136.72	860.02
1134	278.80	278.80	113.39	854.72	1184	232.90	232.90	136.86	860.05
1135	284.19	284.19	113.74	854.80	1185	232.00	232.00	136.99	860.09
1136	288.71	288.71	114.11	854.89	1186	231.19	231.19	137.13	860.12
1137	293.75	293.75	114.48	854.97	1187	230.51	230.51	137.26	860.15
1138	299.37	299.37	114.87	855.06	1188	230.09	230.09	137.39	860.18
1139	304.98	304.98	115.26	855.15	1189	229.84	229.84	137.52	860.21
1140	310.30	310.30	115.67	855.24	1190	229.74	229.74	137.66	860.24
1141	317.04	317.04	116.09	855.34	1191	230.20	230.20	137.79	860.26
1142	324.90	324.90	116.52	855.43	1192	230.91	230.91	137.92	860.29
1143	334.50	334.50	116.97	855.54	1193	231.81	231.81	138.05	860.32
1144	345.36	345.36	117.44	855.64	1194	232.33	232.33	138.18	860.36
1145	358.00	358.00	117.94	855.76	1195	232.44	232.44	138.32	860.39
1146	372.16	372.16	118.46	855.87	1196	231.96	231.96	138.45	860.42
1147	387.25	387.25	119.01	856.00	1197	231.48	231.48	138.58	860.45
1148	402.34	402.34	119.53	856.12	1198	231.03	231.03	138.71	860.48
1149	432.53	432.53	120.08	856.24	1199	230.33	230.33	138.84	860.51
1150	484.53	484.53	120.71	856.39	1200	229.58	229.58	138.97	860.53
1151	534.38	534.38	121.44	856.55	1201	228.40	228.40	139.10	860.56

CALLEGUA. 990

1152	610.41	610.41	122.28	856.74	1202	226.74	226.74	139.22	860.59
1153	702.63	702.63	123.27	856.97	1203	224.66	224.66	139.35	860.62
1154	764.43	764.43	124.41	857.23	1204	222.80	222.80	139.47	860.65
1155	789.68	789.68	125.63	857.50	1205	220.95	220.95	139.58	860.67
1156	793.80	793.80	126.87	857.78	1206	219.37	219.37	139.70	860.70
1157	755.44	755.44	128.04	858.05	1207	218.01	218.01	139.81	860.72
1158	697.82	697.82	129.00	858.27	1208	216.91	216.91	139.92	860.75
1159	632.02	632.02	129.86	858.46	1209	216.10	216.10	140.03	860.77
1160	560.57	560.57	130.61	858.63	1210	215.43	215.43	140.14	860.80
1161	500.08	500.08	131.25	858.78	1211	214.76	214.76	140.24	860.82
1162	449.49	449.49	131.80	858.90	1212	214.12	214.12	140.35	860.85
1163	406.23	406.23	132.27	859.01	1213	213.84	213.84	140.45	860.87
1164	370.88	370.88	132.68	859.11	1214	213.52	213.52	140.55	860.89

RESERVOIR ROUTING AT 2409C

TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT	TIME MIN	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT
1215	213.20	213.20	140.66	860.92	1265	200.44	200.44	145.22	861.95
1216	212.98	212.98	140.76	860.94	1266	199.43	199.43	145.29	861.97
1217	212.80	212.80	140.86	860.96	1267	198.31	198.31	145.37	861.99
1218	212.58	212.58	140.96	860.99	1268	197.13	197.13	145.44	862.01
1219	212.30	212.30	141.07	861.01	1269	196.10	196.10	145.50	862.02
1220	212.07	212.07	141.17	861.03	1270	195.34	195.34	145.55	862.04
1221	211.89	211.89	141.27	861.06	1271	194.68	194.68	145.61	862.05
1222	211.69	211.69	141.37	861.08	1272	193.99	193.99	145.66	862.06
1223	211.49	211.49	141.47	861.10	1273	193.29	193.29	145.72	862.08
1224	211.32	211.32	141.57	861.12	1274	192.77	192.77	145.77	862.09
1225	211.19	211.19	141.66	861.15	1275	192.40	192.40	145.83	862.11
1226	211.02	211.02	141.76	861.17	1276	192.01	192.01	145.88	862.12
1227	210.86	210.86	141.86	861.19	1277	191.62	191.62	145.93	862.13
1228	210.76	210.76	141.96	861.21	1278	191.37	191.37	145.98	862.15
1229	210.67	210.67	142.06	861.24	1279	191.20	191.20	146.03	862.16
1230	210.53	210.53	142.15	861.26	1280	190.93	190.93	146.08	862.17
1231	210.38	210.38	142.25	861.28	1281	190.59	190.59	146.13	862.19
1232	210.27	210.27	142.35	861.30	1282	190.36	190.36	146.18	862.20
1233	209.94	209.94	142.44	861.32	1283	190.19	190.19	146.23	862.21
1234	209.50	209.50	142.54	861.34	1284	189.93	189.93	146.28	862.23
1235	209.08	209.08	142.63	861.37	1285	189.59	189.59	146.33	862.24
1236	208.58	208.58	142.73	861.39	1286	189.35	189.35	146.38	862.25
1237	207.96	207.96	142.82	861.41	1287	189.18	189.18	146.43	862.27
1238	207.48	207.48	142.91	861.43	1288	188.91	188.91	146.48	862.28
1239	207.06	207.06	143.00	861.45	1289	188.57	188.57	146.53	862.29
1240	206.56	206.56	143.09	861.47	1290	188.32	188.32	146.57	862.30
1241	206.19	206.19	143.18	861.49	1291	188.15	188.15	146.62	862.32
1242	205.85	205.85	143.27	861.51	1292	187.84	187.84	146.67	862.33
1243	205.43	205.43	143.36	861.53	1293	187.35	187.35	146.71	862.34
1244	205.20	205.20	143.45	861.55	1294	186.94	186.94	146.76	862.35
1245	205.06	205.06	143.53	861.57	1295	186.63	186.63	146.80	862.36
1246	204.85	204.85	143.62	861.59	1296	186.29	186.29	146.85	862.38
1247	204.77	204.77	143.71	861.61	1297	185.90	185.90	146.89	862.39
1248	204.70	204.70	143.79	861.63	1298	185.62	185.62	146.94	862.40
1249	204.52	204.52	143.88	861.65	1299	185.37	185.37	146.98	862.41
1250	204.45	204.45	143.97	861.67	1300	185.04	185.04	147.02	862.42
1251	204.38	204.38	144.05	861.69	1310	174.92	174.92	147.42	862.53
1252	204.20	204.20	144.14	861.71	1320	165.98	165.98	147.70	862.60
1253	204.13	204.13	144.22	861.73	1330	162.65	162.65	147.90	862.65
1254	204.06	204.06	144.31	861.75	1340	156.91	156.91	148.04	862.69
1255	203.88	203.88	144.39	861.77	1350	146.18	146.18	148.11	862.71
1256	203.81	203.81	144.48	861.79	1360	134.16	134.16	148.05	862.69

CALLEGUA. 990									
1257	203.73	203.73	144.56	861.80	1370	123.69	123.69	147.86	862.64
1258	203.55	203.55	144.64	861.82	1380	110.70	110.70	147.55	862.56
1259	203.47	203.47	144.73	861.84	1390	95.19	95.19	147.09	862.44
1260	203.40	203.40	144.81	861.86	1400	74.66	74.66	146.44	862.27
1261	203.21	203.21	144.89	861.88	1420	38.62	38.62	144.42	861.77
1262	202.88	202.88	144.98	861.90	1440	31.56	31.56	141.41	861.09
1263	202.28	202.28	145.06	861.92	1460	31.36	31.36	138.34	860.39
1264	201.40	201.40	145.14	861.94	1500	28.19	28.19	131.86	858.92

RESERVOIR ROUTING AT 2435C									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	831.00	1165	197.45	197.45	189.69	838.63
100	8.67	8.67	4.33	831.18	1166	195.24	195.24	189.78	838.64
200	17.81	17.81	8.90	831.37	1167	193.29	193.29	189.84	838.64
300	25.82	25.82	19.27	831.79	1168	191.89	191.89	189.88	838.64
400	31.18	31.18	28.30	832.14	1169	191.05	191.05	189.91	838.64
500	36.45	36.45	33.62	832.33	1170	189.10	189.10	189.91	838.64
600	41.27	41.27	38.68	832.52	1171	187.64	187.64	189.89	838.64
700	48.65	48.65	44.69	832.74	1172	187.20	187.20	189.85	838.64
800	57.45	57.45	52.72	833.03	1173	186.33	186.33	189.81	838.64
900	72.96	72.96	64.63	833.46	1174	185.14	185.14	189.75	838.64
1000	101.55	101.55	84.50	834.18	1175	184.08	184.08	189.68	838.63
1050	119.81	119.81	105.63	834.95	1176	183.23	183.23	189.59	838.63
1100	140.78	140.78	125.01	835.65	1177	182.45	182.45	189.50	838.62
1110	154.30	154.30	132.43	835.92	1178	181.41	181.41	189.39	838.61
1120	159.03	159.03	138.26	836.17	1179	180.65	180.65	189.27	838.61
1130	174.29	174.29	143.68	836.41	1180	180.00	180.00	189.14	838.60
1131	176.42	176.42	144.44	836.45	1181	179.45	179.45	189.01	838.59
1132	177.56	177.56	145.22	836.48	1182	179.13	179.13	188.87	838.58
1133	179.37	179.37	146.02	836.52	1183	178.85	178.85	188.73	838.58
1134	181.50	181.50	146.84	836.56	1184	178.71	178.71	188.59	838.57
1135	183.79	183.79	147.70	836.59	1185	178.59	178.59	188.45	838.56
1136	185.07	185.07	148.58	836.63	1186	178.21	178.21	188.31	838.55
1137	187.20	187.20	149.49	836.68	1187	177.88	177.88	188.17	838.54
1138	189.40	189.40	150.42	836.72	1188	177.70	177.70	188.02	838.53
1139	190.98	190.98	151.37	836.76	1189	177.56	177.56	187.87	838.53
1140	192.58	192.58	152.34	836.80	1190	177.25	177.25	187.72	838.52
1141	195.73	195.73	153.35	836.85	1191	177.06	177.06	187.57	838.51
1142	199.41	199.41	154.41	836.90	1192	176.78	176.78	187.42	838.50
1143	202.88	202.88	155.53	836.95	1193	176.54	176.54	187.27	838.49
1144	206.22	206.22	156.71	837.00	1194	176.31	176.31	187.12	838.48
1145	211.20	211.20	157.95	837.06	1195	176.20	176.20	186.96	838.47
1146	216.66	216.66	159.30	837.12	1196	175.94	175.94	186.81	838.46
1147	222.02	222.02	160.74	837.18	1197	175.87	175.87	186.66	838.46
1148	227.43	227.43	162.27	837.25	1198	175.84	175.84	186.50	838.45
1149	244.09	244.09	164.04	837.33	1199	175.61	175.61	186.35	838.44
1150	267.77	267.77	166.24	837.43	1200	175.36	175.36	186.20	838.43
1151	277.77	277.77	168.80	837.55	1201	174.91	174.91	186.04	838.42
1152	309.48	309.48	171.80	837.68	1202	174.39	174.39	185.88	838.41
1153	342.08	342.08	175.49	837.85	1203	173.70	173.70	185.71	838.40
1154	351.09	351.09	179.28	838.03	1204	173.04	173.04	185.54	838.39
1155	342.70	342.70	181.65	838.16	1205	172.26	172.26	185.35	838.38
1156	328.22	328.22	183.82	838.29	1206	171.54	171.54	185.16	838.37
1157	303.35	303.35	185.69	838.40	1207	171.07	171.07	184.97	838.36
1158	266.63	266.63	187.09	838.48	1208	170.70	170.70	184.77	838.35
1159	235.49	235.49	188.00	838.53	1209	170.43	170.43	184.57	838.33
1160	219.95	219.95	188.56	838.57	1210	170.20	170.20	184.37	838.32
1161	210.47	210.47	188.94	838.59	1211	169.96	169.96	184.16	838.31

CALLEGUA. 990									
1162	205.01	205.01	189.20	838.60	1212	169.89	169.89	183.96	838.30
1163	201.23	201.23	189.40	838.61	1213	169.93	169.93	183.76	838.29
1164	199.89	199.89	189.56	838.62	1214	169.76	169.76	183.57	838.28

RESERVOIR ROUTING AT 2435C									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	169.57	169.57	183.37	838.26	1265	165.11	165.11	173.29	837.75
1216	169.57	169.57	183.18	838.25	1266	164.74	164.74	173.09	837.74
1217	169.65	169.65	182.98	838.24	1267	164.44	164.44	172.89	837.73
1218	169.48	169.48	182.79	838.23	1268	164.37	164.37	172.68	837.72
1219	169.22	169.22	182.60	838.22	1269	164.38	164.38	172.48	837.71
1220	169.21	169.21	182.41	838.21	1270	164.25	164.25	172.29	837.71
1221	169.27	169.27	182.23	838.20	1271	164.09	164.09	172.09	837.70
1222	169.09	169.09	182.04	838.19	1272	164.09	164.09	171.90	837.69
1223	168.84	168.84	181.86	838.18	1273	164.15	164.15	171.72	837.68
1224	168.83	168.83	181.67	838.17	1274	164.06	164.06	171.53	837.67
1225	168.90	168.90	181.49	838.16	1275	163.92	163.92	171.35	837.66
1226	168.74	168.74	181.31	838.15	1276	163.93	163.93	171.17	837.65
1227	168.49	168.49	181.13	838.13	1277	163.99	163.99	171.00	837.65
1228	168.49	168.49	180.96	838.12	1278	163.91	163.91	170.83	837.64
1229	168.58	168.58	180.78	838.11	1279	163.77	163.77	170.66	837.63
1230	168.42	168.42	180.61	838.10	1280	163.78	163.78	170.50	837.62
1231	168.18	168.18	180.43	838.09	1281	163.85	163.85	170.34	837.62
1232	168.19	168.19	180.26	838.08	1282	163.77	163.77	170.18	837.61
1233	168.10	168.10	180.09	838.07	1283	163.63	163.63	170.03	837.60
1234	167.82	167.82	179.92	838.06	1284	163.65	163.65	169.87	837.60
1235	167.71	167.71	179.74	838.05	1285	163.72	163.72	169.72	837.59
1236	167.61	167.61	179.57	838.04	1286	163.64	163.64	169.58	837.58
1237	167.42	167.42	179.40	838.03	1287	163.50	163.50	169.43	837.58
1238	167.41	167.41	179.23	838.02	1288	163.52	163.52	169.29	837.57
1239	167.34	167.34	179.07	838.01	1289	163.60	163.60	169.15	837.56
1240	167.19	167.19	178.90	838.01	1290	163.52	163.52	169.02	837.56
1241	167.21	167.21	178.68	837.99	1291	163.39	163.39	168.89	837.55
1242	167.16	167.16	178.40	837.98	1292	163.41	163.41	168.75	837.55
1243	167.02	167.02	178.13	837.97	1293	163.33	163.33	168.63	837.54
1244	167.05	167.05	177.87	837.96	1294	163.31	163.31	168.50	837.53
1245	167.01	167.01	177.60	837.95	1295	163.22	163.22	168.37	837.53
1246	166.87	166.87	177.35	837.93	1296	163.26	163.26	168.25	837.52
1247	166.90	166.90	177.10	837.92	1297	163.35	163.35	168.13	837.52
1248	166.87	166.87	176.85	837.91	1298	163.38	163.38	168.02	837.51
1249	166.73	166.73	176.61	837.90	1299	163.24	163.24	167.90	837.51
1250	166.77	166.77	176.37	837.89	1300	163.30	163.30	167.79	837.50
1251	166.74	166.74	176.14	837.88	1310	161.22	161.22	166.69	837.45
1252	166.61	166.61	175.92	837.87	1320	160.39	160.39	165.46	837.40
1253	166.65	166.65	175.69	837.86	1330	160.24	160.24	164.36	837.35
1254	166.63	166.63	175.48	837.85	1340	159.75	159.75	163.44	837.31
1255	166.50	166.50	175.26	837.84	1350	158.67	158.67	162.58	837.27
1256	166.55	166.55	175.05	837.83	1360	157.88	157.88	161.69	837.23
1257	166.53	166.53	174.85	837.82	1370	157.49	157.49	160.84	837.19
1258	166.40	166.40	174.65	837.81	1380	156.84	156.84	160.08	837.15
1259	166.45	166.45	174.45	837.80	1390	156.10	156.10	159.33	837.12
1260	166.44	166.44	174.26	837.79	1400	155.23	155.23	158.58	837.09
1261	166.32	166.32	174.07	837.79	1420	152.52	152.52	157.00	837.01
1262	166.07	166.07	173.88	837.78	1440	149.22	149.22	154.92	836.92
1263	165.70	165.70	173.69	837.77	1460	145.23	145.23	152.29	836.80
1264	165.35	165.35	173.49	837.76	1500	138.21	138.21	146.61	836.55

CALLEGUA. 990

RESERVOIR ROUTING AT 2501C									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	738.40	1165	1972.07	1972.07	2085.97	745.97
100	51.88	51.88	24.80	738.63	1166	1892.30	1892.30	2009.55	745.90
200	62.79	62.79	57.09	738.92	1167	1805.85	1805.85	1935.67	745.83
300	76.93	76.93	69.55	739.04	1168	1716.59	1716.59	1855.42	745.75
400	84.78	84.78	80.68	739.14	1169	1624.55	1624.55	1770.38	745.66
500	92.59	92.59	88.51	739.21	1170	1525.23	1525.23	1680.45	745.57
600	104.18	104.18	98.13	739.30	1171	1432.86	1432.86	1589.13	745.48
700	122.89	122.89	113.12	739.44	1172	1345.17	1345.17	1504.00	745.38
800	142.84	142.84	132.43	739.62	1173	1258.44	1258.44	1417.99	745.28
900	192.36	192.36	166.51	739.93	1174	1186.82	1186.82	1334.88	745.18
1000	291.86	291.86	239.92	740.61	1175	1119.44	1119.44	1258.13	745.09
1050	398.59	398.59	340.54	741.53	1176	1060.59	1060.59	1192.75	744.99
1100	526.25	526.25	456.81	742.60	1177	1006.78	1006.78	1130.89	744.90
1110	600.70	600.70	542.85	743.32	1178	962.86	962.86	1074.08	744.81
1120	663.54	663.54	620.36	743.51	1179	931.31	931.31	1024.69	744.74
1130	785.02	785.02	705.17	743.72	1180	896.06	896.06	990.04	744.65
1131	796.78	796.78	727.01	743.78	1181	862.98	862.98	969.57	744.50
1132	808.36	808.36	746.26	743.82	1182	831.79	831.79	946.94	744.35
1133	823.32	823.32	763.99	743.87	1183	800.95	800.95	916.28	744.24
1134	839.54	839.54	781.17	743.91	1184	773.51	773.51	883.40	744.16
1135	855.65	855.65	798.10	743.95	1185	748.22	748.22	852.18	744.08
1136	868.54	868.54	814.40	743.99	1186	725.24	725.24	822.77	744.01
1137	886.88	886.88	830.53	744.03	1187	705.39	705.39	795.39	743.94
1138	904.72	904.72	847.16	744.07	1188	686.83	686.83	770.09	743.88
1139	922.79	922.79	864.13	744.11	1189	671.13	671.13	746.88	743.83
1140	941.40	941.40	881.45	744.16	1190	656.54	656.54	725.72	743.77
1141	965.41	965.41	899.78	744.20	1191	643.60	643.60	706.45	743.73
1142	987.82	987.82	919.36	744.25	1192	631.90	631.90	688.94	743.68
1143	1010.81	1010.81	939.73	744.30	1193	621.30	621.30	673.06	743.64
1144	1036.77	1036.77	955.37	744.41	1194	611.74	611.74	658.65	743.61
1145	1073.62	1073.62	973.86	744.53	1195	603.79	603.79	645.69	743.58
1146	1107.21	1107.21	995.44	744.68	1196	594.18	594.18	633.79	743.55
1147	1143.50	1143.50	1043.39	744.77	1197	585.91	585.91	622.64	743.52
1148	1183.92	1183.92	1090.18	744.84	1198	579.45	579.45	612.46	743.50
1149	1280.96	1280.96	1145.51	744.92	1199	573.21	573.21	603.26	743.47
1150	1383.52	1383.52	1218.13	745.03	1200	566.81	566.81	594.78	743.45
1151	1449.63	1449.63	1298.23	745.14	1201	559.71	559.71	586.75	743.43
1152	1632.47	1632.47	1401.53	745.26	1202	552.56	552.56	578.95	743.41
1153	1784.00	1784.00	1532.00	745.41	1203	544.45	544.45	571.19	743.39
1154	1903.95	1903.95	1669.54	745.56	1204	537.22	537.22	563.46	743.37
1155	2036.93	2036.93	1807.96	745.70	1205	529.92	529.92	555.84	743.36
1156	2159.41	2159.41	1941.47	745.83	1206	522.15	522.15	548.25	743.34
1157	2267.54	2267.54	2071.23	745.95	1207	515.14	515.14	540.71	743.32
1158	2316.00	2316.00	2180.83	746.05	1208	507.88	507.88	533.27	743.30
1159	2335.56	2335.56	2252.86	746.11	1209	500.69	500.69	527.82	743.25
1160	2373.32	2373.32	2303.34	746.15	1210	494.50	494.50	522.21	743.20
1161	2280.19	2280.19	2314.98	746.16	1211	487.42	487.42	516.41	743.15
1162	2198.91	2198.91	2277.49	746.13	1212	482.24	482.24	510.55	743.09
1163	2129.54	2129.54	2221.21	746.08	1213	476.68	476.68	504.78	743.04
1164	2055.53	2055.53	2157.27	746.03	1214	471.30	471.30	499.07	742.99

RESERVOIR ROUTING AT 2501C									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	466.39	466.39	493.46	742.94	1265	328.02	328.02	338.31	741.51

CALLEGUA. 990

1216	461.77	461.77	488.01	742.89	1266	325.57	325.57	336.17	741.49
1217	458.09	458.09	482.80	742.84	1267	322.88	322.88	333.96	741.47
1218	453.09	453.09	477.75	742.79	1268	320.27	320.27	331.66	741.45
1219	448.74	448.74	472.77	742.75	1269	318.11	318.11	329.35	741.43
1220	445.32	445.32	468.00	742.70	1270	315.17	315.17	326.99	741.41
1221	441.44	441.44	463.43	742.66	1271	313.07	313.07	324.60	741.38
1222	436.74	436.74	458.91	742.62	1272	311.50	311.50	322.32	741.36
1223	432.61	432.61	454.42	742.58	1273	308.88	308.88	320.07	741.34
1224	429.44	429.44	450.08	742.54	1274	305.60	305.60	317.69	741.32
1225	425.84	425.84	445.91	742.50	1275	303.33	303.33	315.23	741.30
1226	421.43	421.43	441.78	742.46	1276	301.76	301.76	312.88	741.28
1227	417.66	417.66	437.66	742.42	1277	299.26	299.26	310.59	741.26
1228	414.97	414.97	433.70	742.39	1278	296.19	296.19	308.20	741.23
1229	411.94	411.94	429.94	742.35	1279	294.17	294.17	305.78	741.21
1230	408.16	408.16	426.25	742.32	1280	292.84	292.84	303.50	741.19
1231	405.03	405.03	422.60	742.29	1281	290.57	290.57	301.32	741.17
1232	402.62	402.62	419.12	742.25	1282	287.69	287.69	299.05	741.15
1233	399.21	399.21	415.74	742.22	1283	285.83	285.83	296.77	741.13
1234	395.89	395.89	412.37	742.19	1284	284.67	284.67	294.64	741.11
1235	393.76	393.76	409.11	742.16	1285	282.62	282.62	292.60	741.09
1236	391.05	391.05	406.01	742.13	1286	280.21	280.21	290.52	741.07
1237	387.92	387.92	402.95	742.10	1287	278.76	278.76	288.48	741.05
1238	385.45	385.45	399.93	742.08	1288	277.95	277.95	286.60	741.03
1239	383.16	383.16	397.03	742.05	1289	276.14	276.14	284.82	741.02
1240	380.61	380.61	394.22	742.02	1290	273.70	273.70	282.99	741.00
1241	377.86	377.86	391.44	742.00	1291	272.30	272.30	281.13	740.98
1242	375.40	375.40	388.69	741.97	1292	271.59	271.59	279.43	740.97
1243	372.75	372.75	385.98	741.95	1293	269.19	269.19	277.75	740.95
1244	369.99	369.99	383.27	741.92	1294	267.69	267.69	276.02	740.94
1245	367.65	367.65	380.59	741.90	1295	266.48	266.48	274.37	740.92
1246	365.23	365.23	377.96	741.87	1296	265.96	265.96	272.86	740.91
1247	362.77	362.77	375.37	741.85	1297	264.50	264.50	271.44	740.90
1248	360.73	360.73	372.85	741.83	1298	262.45	262.45	269.96	740.88
1249	358.57	358.57	370.40	741.81	1299	261.44	261.44	268.47	740.87
1250	356.35	356.35	368.00	741.78	1300	261.13	261.13	267.14	740.86
1251	354.54	354.54	365.67	741.76	1310	237.38	237.38	254.57	740.74
1252	352.62	352.62	363.43	741.74	1320	217.99	217.99	233.60	740.55
1253	350.64	350.64	361.24	741.72	1330	200.57	200.57	214.62	740.37
1254	349.05	349.05	359.12	741.70	1340	187.58	187.58	198.36	740.22
1255	347.34	347.34	357.10	741.68	1350	168.96	168.96	183.22	740.08
1256	345.54	345.54	355.12	741.66	1360	150.88	150.88	165.21	739.92
1257	344.12	344.12	353.21	741.65	1370	135.17	135.17	147.87	739.76
1258	342.57	342.57	351.38	741.63	1380	124.44	124.44	133.49	739.63
1259	340.91	340.91	349.59	741.61	1390	116.91	116.91	123.28	739.53
1260	339.62	339.62	347.86	741.60	1400	111.18	111.18	115.96	739.47
1261	337.85	337.85	346.17	741.58	1420	98.04	98.04	106.11	739.38
1262	334.72	334.72	344.34	741.57	1440	92.74	92.74	96.10	739.28
1263	332.51	332.51	342.35	741.55	1460	83.01	83.01	88.98	739.22
1264	330.69	330.69	340.35	741.53	1500	75.26	75.26	79.56	739.13

TIME MIN	RESERVOIR ROUTING AT 2509C				TIME MIN	RESERVOIR ROUTING AT 2509C			
	INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT		INFLOW CFS	ADJUSTED CFS	OUTFLOW CFS	ELEV FT
0	0.00	0.00	0.00	724.50	1165	1317.00	1317.00	16.71	732.76
100	0.00	0.00	0.00	724.50	1166	1247.00	1247.00	19.35	733.17
200	0.00	0.00	0.00	724.50	1167	1170.00	1170.00	21.73	733.57
300	0.00	0.00	0.00	724.50	1168	1091.00	1091.00	23.49	733.94
400	0.00	0.00	0.00	724.50	1169	1015.00	1015.00	24.89	734.26
500	0.00	0.00	0.00	724.50	1170	936.00	936.00	26.13	734.55

CALLEGUA. 990									
600	0.00	0.00	0.00	724.50	1171	852.00	852.00	27.27	734.81
700	0.00	0.00	0.00	724.50	1172	768.00	768.00	28.29	735.05
800	0.00	0.00	0.00	724.50	1173	687.00	687.00	29.20	735.27
900	0.00	0.00	0.00	724.50	1174	614.00	614.00	30.02	735.46
1000	0.00	0.00	0.00	724.50	1175	544.00	544.00	30.68	735.63
1050	0.00	0.00	0.00	724.50	1176	478.00	478.00	31.23	735.77
1100	0.00	0.00	0.00	724.50	1177	418.00	418.00	31.72	735.90
1110	0.00	0.00	0.00	724.50	1178	364.00	364.00	32.13	736.01
1120	0.00	0.00	0.00	724.50	1179	318.00	318.00	32.43	736.10
1130	0.00	0.00	0.00	724.50	1180	276.00	276.00	32.69	736.17
1131	0.00	0.00	0.00	724.50	1181	236.00	236.00	32.91	736.24
1132	0.00	0.00	0.00	724.50	1182	201.00	201.00	33.09	736.29
1133	0.00	0.00	0.00	724.50	1183	169.00	169.00	33.24	736.34
1134	0.00	0.00	0.00	724.50	1184	141.00	141.00	33.36	736.37
1135	0.00	0.00	0.00	724.50	1185	128.00	128.00	33.46	736.40
1136	101.00	101.00	0.00	724.52	1186	119.00	119.00	33.55	736.43
1137	110.00	110.00	0.00	724.57	1187	110.00	110.00	33.63	736.45
1138	118.00	118.00	0.00	724.62	1188	100.00	100.00	33.70	736.47
1139	128.00	128.00	0.00	724.67	1189	0.00	0.00	33.71	736.47
1140	146.00	146.00	0.00	724.73	1190	0.00	0.00	33.68	736.46
1141	176.00	176.00	0.00	724.80	1191	0.00	0.00	33.65	736.45
1142	205.00	205.00	0.00	724.89	1192	0.00	0.00	33.61	736.45
1143	232.00	232.00	0.00	724.98	1193	0.00	0.00	33.58	736.44
1144	259.00	259.00	0.00	725.09	1194	0.00	0.00	33.55	736.43
1145	287.00	287.00	0.00	725.21	1195	0.00	0.00	33.51	736.42
1146	317.00	317.00	0.00	725.34	1196	0.00	0.00	33.48	736.41
1147	350.00	350.00	0.00	725.49	1197	0.00	0.00	33.45	736.40
1148	384.00	384.00	0.00	725.65	1198	0.00	0.00	33.42	736.39
1149	432.00	432.00	0.00	725.83	1199	0.00	0.00	33.38	736.38
1150	496.00	496.00	0.00	726.03	1200	0.00	0.00	33.35	736.37
1151	565.00	565.00	0.00	726.26	1201	0.00	0.00	33.32	736.36
1152	652.00	652.00	0.00	726.53	1202	0.00	0.00	33.29	736.35
1153	773.00	773.00	0.00	726.84	1203	0.00	0.00	33.25	736.34
1154	899.00	899.00	0.00	727.21	1204	0.00	0.00	33.22	736.33
1155	1022.00	1022.00	0.01	727.63	1205	0.00	0.00	33.19	736.32
1156	1148.00	1148.00	0.01	728.11	1206	0.00	0.00	33.16	736.31
1157	1272.00	1272.00	0.01	728.64	1207	0.00	0.00	33.12	736.30
1158	1377.00	1377.00	0.01	729.22	1208	0.00	0.00	33.09	736.29
1159	1451.00	1451.00	0.01	729.84	1209	0.00	0.00	33.06	736.28
1160	1502.00	1502.00	0.01	730.37	1210	0.00	0.00	33.03	736.27
1161	1517.00	1517.00	0.01	730.87	1211	0.00	0.00	32.99	736.26
1162	1483.00	1483.00	0.01	731.36	1212	0.00	0.00	32.96	736.25
1163	1435.00	1435.00	5.24	731.85	1213	0.00	0.00	32.93	736.24
1164	1380.00	1380.00	12.26	732.31	1214	0.00	0.00	32.90	736.23

RESERVOIR ROUTING AT 2509C									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	0.00	0.00	32.86	736.22	1265	0.00	0.00	31.14	735.75
1216	0.00	0.00	32.83	736.22	1266	0.00	0.00	31.11	735.74
1217	0.00	0.00	32.80	736.21	1267	0.00	0.00	31.07	735.73
1218	0.00	0.00	32.77	736.20	1268	0.00	0.00	31.04	735.72
1219	0.00	0.00	32.74	736.19	1269	0.00	0.00	31.00	735.71
1220	0.00	0.00	32.70	736.18	1270	0.00	0.00	30.96	735.70
1221	0.00	0.00	32.67	736.17	1271	0.00	0.00	30.93	735.69
1222	0.00	0.00	32.64	736.16	1272	0.00	0.00	30.89	735.68
1223	0.00	0.00	32.61	736.15	1273	0.00	0.00	30.86	735.67
1224	0.00	0.00	32.58	736.14	1274	0.00	0.00	30.82	735.66
1225	0.00	0.00	32.54	736.13	1275	0.00	0.00	30.78	735.65

CALLEGUA. 990									
1226	0.00	0.00	32.51	736.12	1276	0.00	0.00	30.75	735.64
1227	0.00	0.00	32.48	736.11	1277	0.00	0.00	30.71	735.64
1228	0.00	0.00	32.45	736.10	1278	0.00	0.00	30.68	735.63
1229	0.00	0.00	32.42	736.09	1279	0.00	0.00	30.64	735.62
1230	0.00	0.00	32.39	736.08	1280	0.00	0.00	30.61	735.61
1231	0.00	0.00	32.35	736.07	1281	0.00	0.00	30.57	735.60
1232	0.00	0.00	32.32	736.07	1282	0.00	0.00	30.53	735.59
1233	0.00	0.00	32.29	736.06	1283	0.00	0.00	30.50	735.58
1234	0.00	0.00	32.26	736.05	1284	0.00	0.00	30.46	735.57
1235	0.00	0.00	32.23	736.04	1285	0.00	0.00	30.43	735.56
1236	0.00	0.00	32.20	736.03	1286	0.00	0.00	30.39	735.55
1237	0.00	0.00	32.16	736.02	1287	0.00	0.00	30.36	735.54
1238	0.00	0.00	32.13	736.01	1288	0.00	0.00	30.32	735.53
1239	0.00	0.00	32.10	736.00	1289	0.00	0.00	30.29	735.52
1240	0.00	0.00	32.06	735.99	1290	0.00	0.00	30.25	735.51
1241	0.00	0.00	32.03	735.98	1291	0.00	0.00	30.22	735.50
1242	0.00	0.00	31.99	735.97	1292	0.00	0.00	30.18	735.50
1243	0.00	0.00	31.95	735.96	1293	0.00	0.00	30.14	735.49
1244	0.00	0.00	31.91	735.95	1294	0.00	0.00	30.10	735.48
1245	0.00	0.00	31.88	735.94	1295	0.00	0.00	30.06	735.47
1246	0.00	0.00	31.84	735.93	1296	0.00	0.00	30.02	735.46
1247	0.00	0.00	31.80	735.92	1297	0.00	0.00	29.98	735.45
1248	0.00	0.00	31.77	735.91	1298	0.00	0.00	29.94	735.44
1249	0.00	0.00	31.73	735.90	1299	0.00	0.00	29.90	735.43
1250	0.00	0.00	31.69	735.89	1300	0.00	0.00	29.87	735.42
1251	0.00	0.00	31.66	735.88	1310	0.00	0.00	29.48	735.33
1252	0.00	0.00	31.62	735.87	1320	0.00	0.00	29.09	735.24
1253	0.00	0.00	31.58	735.86	1330	0.00	0.00	28.72	735.15
1254	0.00	0.00	31.55	735.85	1340	0.00	0.00	28.34	735.06
1255	0.00	0.00	31.51	735.84	1350	0.00	0.00	27.97	734.98
1256	0.00	0.00	31.47	735.83	1360	0.00	0.00	27.61	734.89
1257	0.00	0.00	31.44	735.83	1370	0.00	0.00	27.25	734.81
1258	0.00	0.00	31.40	735.82	1380	0.00	0.00	26.90	734.73
1259	0.00	0.00	31.36	735.81	1390	0.00	0.00	26.55	734.64
1260	0.00	0.00	31.33	735.80	1400	0.00	0.00	26.20	734.56
1261	0.00	0.00	31.29	735.79	1420	0.00	0.00	25.53	734.40
1262	0.00	0.00	31.25	735.78	1440	0.00	0.00	24.87	734.25
1263	0.00	0.00	31.22	735.77	1460	0.00	0.00	24.23	734.10
1264	0.00	0.00	31.18	735.76	1500	0.00	0.00	22.82	733.80

RESERVOIR ROUTING AT 2528BC									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	691.00	1165	3344.30	3344.30	3383.28	699.44
100	176.96	176.96	88.87	691.09	1166	3313.84	3313.84	3348.95	699.35
200	245.94	245.94	211.60	691.22	1167	3286.10	3286.10	3317.94	699.26
300	321.32	321.32	283.80	691.29	1168	3265.85	3265.85	3291.37	699.19
400	356.26	356.26	338.87	691.35	1169	3254.56	3254.56	3271.64	699.14
500	408.27	408.27	382.38	691.39	1170	3249.32	3249.32	3259.17	699.11
600	448.95	448.95	428.70	691.44	1171	3245.73	3245.73	3251.79	699.09
700	547.22	547.22	498.31	691.51	1172	3242.73	3242.73	3247.00	699.07
800	653.47	653.47	600.59	691.62	1173	3239.61	3239.61	3243.31	699.06
900	853.48	853.48	753.93	691.77	1174	3236.18	3236.18	3239.88	699.05
1000	1242.66	1242.66	1047.26	692.14	1175	3232.66	3232.66	3236.42	699.04
1050	1585.52	1585.52	1412.67	692.88	1176	3228.85	3228.85	3232.83	699.03
1100	2046.20	2046.20	1809.76	693.59	1177	3224.64	3224.64	3228.98	699.02
1110	2184.79	2184.79	2094.91	694.16	1178	3219.61	3219.61	3224.64	699.01
1120	2380.81	2380.81	2254.19	694.61	1179	3214.38	3214.38	3219.97	699.00
1130	2622.32	2622.32	2461.96	695.29	1180	3208.62	3208.62	3219.19	698.98

CALLEGUA. 990

1131	2648.57	2648.57	2505.50	695.46	1181	3202.93	3202.93	3217.95	698.95
1132	2674.13	2674.13	2544.61	695.62	1182	3197.05	3197.05	3216.29	698.92
1133	2700.95	2700.95	2580.48	695.76	1183	3191.95	3191.95	3214.28	698.87
1134	2729.01	2729.01	2614.23	695.90	1184	3187.53	3187.53	3212.01	698.82
1135	2759.14	2759.14	2647.98	696.03	1185	3183.35	3183.35	3209.56	698.77
1136	2792.60	2792.60	2685.55	696.17	1186	3194.87	3194.87	3207.67	698.73
1137	2830.03	2830.03	2722.50	696.31	1187	3241.70	3241.70	3208.65	698.75
1138	2870.31	2870.31	2760.00	696.45	1188	3288.58	3288.58	3213.87	698.86
1139	2910.67	2910.67	2798.34	696.60	1189	3305.95	3305.95	3230.77	699.03
1140	2946.59	2946.59	2836.61	696.74	1190	3307.71	3307.71	3278.93	699.16
1141	2976.02	2976.02	2873.25	696.88	1191	3300.27	3300.27	3294.80	699.20
1142	3000.06	3000.06	2907.28	697.01	1192	3289.44	3289.44	3294.84	699.20
1143	3023.64	3023.64	2942.76	697.14	1193	3279.34	3279.34	3288.22	699.18
1144	3052.17	3052.17	2975.05	697.26	1194	3272.29	3272.29	3280.36	699.16
1145	3086.46	3086.46	3007.04	697.38	1195	3265.50	3265.50	3273.10	699.14
1146	3125.19	3125.19	3040.56	697.50	1196	3251.38	3251.38	3263.82	699.12
1147	3167.07	3167.07	3076.39	697.63	1197	3224.84	3224.84	3247.54	699.07
1148	3208.16	3208.16	3114.13	697.77	1198	3188.68	3188.68	3221.72	699.00
1149	3253.38	3253.38	3153.71	697.92	1199	3149.27	3149.27	3215.38	698.90
1150	3299.12	3299.12	3180.52	698.12	1200	3110.88	3110.88	3207.50	698.72
1151	3349.63	3349.63	3193.81	698.42	1201	3075.29	3075.29	3196.93	698.49
1152	3405.17	3405.17	3210.77	698.79	1202	3042.50	3042.50	3184.18	698.20
1153	3464.20	3464.20	3298.53	699.21	1203	3011.81	3011.81	3155.43	697.93
1154	3509.89	3509.89	3417.90	699.53	1204	2982.86	2982.86	3101.78	697.73
1155	3542.38	3542.38	3486.44	699.72	1205	2955.59	2955.59	3056.80	697.56
1156	3559.69	3559.69	3527.34	699.83	1206	2929.86	2929.86	3018.09	697.42
1157	3566.80	3566.80	3550.08	699.89	1207	2905.08	2905.08	2983.95	697.29
1158	3568.19	3568.19	3561.11	699.92	1208	2880.09	2880.09	2952.94	697.18
1159	3552.75	3552.75	3560.70	699.92	1209	2855.05	2855.05	2923.97	697.07
1160	3526.80	3526.80	3547.45	699.89	1210	2829.81	2829.81	2897.47	696.97
1161	3495.24	3495.24	3524.38	699.82	1211	2804.34	2804.34	2873.85	696.88
1162	3460.14	3460.14	3494.81	699.74	1212	2778.99	2778.99	2849.71	696.79
1163	3417.39	3417.39	3459.32	699.65	1213	2754.07	2754.07	2825.27	696.70
1164	3379.02	3379.02	3420.62	699.54	1214	2729.31	2729.31	2800.72	696.61

RESERVOIR ROUTING AT 2528BC

TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	2704.75	2704.75	2776.13	696.51	1265	1951.02	1951.02	1970.30	693.88
1216	2680.43	2680.43	2751.59	696.42	1266	1940.60	1940.60	1959.77	693.86
1217	2656.33	2656.33	2727.14	696.33	1267	1929.85	1929.85	1949.21	693.84
1218	2632.70	2632.70	2702.87	696.24	1268	1918.67	1918.67	1938.48	693.82
1219	2609.57	2609.57	2678.86	696.15	1269	1907.29	1907.29	1927.51	693.80
1220	2587.25	2587.25	2655.23	696.06	1270	1895.78	1895.78	1916.33	693.78
1221	2565.81	2565.81	2633.26	695.97	1271	1884.47	1884.47	1905.06	693.76
1222	2544.89	2544.89	2613.71	695.89	1272	1872.82	1872.82	1893.70	693.74
1223	2524.68	2524.68	2593.90	695.82	1273	1861.08	1861.08	1882.19	693.72
1224	2505.48	2505.48	2574.12	695.74	1274	1849.54	1849.54	1870.63	693.70
1225	2487.16	2487.16	2554.60	695.66	1275	1838.05	1838.05	1859.08	693.68
1226	2469.31	2469.31	2535.43	695.58	1276	1826.24	1826.24	1847.49	693.66
1227	2451.90	2451.90	2516.66	695.51	1277	1814.16	1814.16	1835.75	693.64
1228	2435.26	2435.26	2498.32	695.43	1278	1802.19	1802.19	1823.89	693.62
1229	2419.31	2419.31	2480.49	695.36	1279	1790.31	1790.31	1812.00	693.60
1230	2403.58	2403.58	2463.17	695.29	1280	1778.23	1778.23	1800.07	693.58
1231	2388.02	2388.02	2446.26	695.23	1281	1766.08	1766.08	1788.06	693.55
1232	2372.60	2372.60	2429.71	695.16	1282	1754.29	1754.29	1776.07	693.53
1233	2357.57	2357.57	2413.49	695.09	1283	1742.87	1742.87	1764.25	693.51
1234	2342.55	2342.55	2397.57	695.03	1284	1731.49	1731.49	1752.60	693.49
1235	2327.27	2327.27	2381.11	694.97	1285	1720.17	1720.17	1741.08	693.47

CALLEGUA. 990									
1236	2312.25	2312.25	2364.31	694.93	1286	1709.29	1709.29	1729.75	693.45
1237	2297.70	2297.70	2348.07	694.88	1287	1698.84	1698.84	1718.70	693.43
1238	2283.02	2283.02	2332.27	694.84	1288	1688.48	1688.48	1707.93	693.41
1239	2268.37	2268.37	2316.78	694.79	1289	1678.22	1678.22	1697.36	693.39
1240	2253.74	2253.74	2301.53	694.75	1290	1668.45	1668.45	1687.02	693.38
1241	2239.14	2239.14	2286.45	694.70	1291	1659.31	1659.31	1677.07	693.36
1242	2225.08	2225.08	2271.57	694.66	1292	1650.44	1650.44	1667.52	693.34
1243	2211.26	2211.26	2256.95	694.62	1293	1641.51	1641.51	1658.25	693.32
1244	2197.50	2197.50	2242.56	694.58	1294	1632.96	1632.96	1649.21	693.31
1245	2184.08	2184.08	2228.39	694.54	1295	1624.81	1624.81	1640.47	693.29
1246	2170.85	2170.85	2214.45	694.50	1296	1616.69	1616.69	1631.99	693.28
1247	2157.72	2157.72	2200.71	694.46	1297	1608.60	1608.60	1623.67	693.26
1248	2144.70	2144.70	2187.16	694.42	1298	1600.88	1600.88	1615.53	693.25
1249	2131.69	2131.69	2173.76	694.38	1299	1593.51	1593.51	1607.64	693.23
1250	2118.64	2118.64	2160.45	694.34	1300	1586.09	1586.09	1599.97	693.22
1251	2105.82	2105.82	2147.25	694.31	1310	1498.67	1498.67	1548.20	693.13
1252	2093.09	2093.09	2134.17	694.27	1320	1403.17	1403.17	1452.99	692.96
1253	2080.35	2080.35	2121.18	694.23	1330	1307.90	1307.90	1357.51	692.77
1254	2067.92	2067.92	2108.30	694.20	1340	1217.04	1217.04	1264.35	692.58
1255	2055.96	2055.96	2095.61	694.16	1350	1120.50	1120.50	1170.77	692.39
1256	2044.23	2044.23	2083.15	694.12	1360	1024.08	1024.08	1074.29	692.20
1257	2032.89	2032.89	2070.94	694.09	1370	940.72	940.72	984.13	692.02
1258	2021.89	2021.89	2059.02	694.05	1380	868.74	868.74	906.50	691.93
1259	2011.13	2011.13	2047.38	694.02	1390	813.25	813.25	844.57	691.87
1260	2000.92	2000.92	2033.81	693.99	1400	771.54	771.54	795.44	691.82
1261	1990.79	1990.79	2017.48	693.96	1420	704.59	704.59	737.69	691.76
1262	1981.01	1981.01	2003.90	693.94	1440	651.43	651.43	677.93	691.70
1263	1971.35	1971.35	1991.98	693.91	1460	605.02	605.02	628.12	691.64
1264	1961.36	1961.36	1980.95	693.90	1500	546.45	546.45	575.41	691.59

RESERVOIR ROUTING AT 2613F									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
0	0.00	0.00	0.00	634.50	1165	1938.28	1938.28	1.28	636.40
100	0.00	0.00	0.00	634.50	1166	1846.77	1846.77	1.40	636.57
200	0.00	0.00	0.00	634.50	1167	1761.19	1761.19	1.50	636.73
300	0.00	0.00	0.00	634.50	1168	1680.52	1680.52	1.61	636.88
400	0.00	0.00	0.00	634.50	1169	1607.95	1607.95	1.71	637.03
500	0.00	0.00	0.00	634.50	1170	1545.67	1545.67	1.80	637.17
600	0.00	0.00	0.00	634.50	1171	1497.29	1497.29	1.89	637.30
700	0.00	0.00	0.00	634.50	1172	1459.42	1459.42	1.98	637.43
800	0.00	0.00	0.00	634.50	1173	1429.28	1429.28	2.07	637.56
900	0.00	0.00	0.00	634.50	1174	1410.02	1410.02	2.15	637.69
1000	0.00	0.00	0.00	634.50	1175	1396.13	1396.13	2.24	637.81
1050	0.00	0.00	0.00	634.50	1176	1385.31	1385.31	2.32	637.94
1100	0.00	0.00	0.00	634.50	1177	1378.61	1378.61	2.40	638.06
1110	0.00	0.00	0.00	634.50	1178	1371.93	1371.93	2.49	638.18
1120	0.00	0.00	0.00	634.50	1179	1365.04	1365.04	2.57	638.30
1130	0.00	0.00	0.00	634.50	1180	1353.47	1353.47	2.65	638.42
1131	0.00	0.00	0.00	634.50	1181	1336.58	1336.58	2.73	638.54
1132	0.00	0.00	0.00	634.50	1182	1315.20	1315.20	2.81	638.66
1133	0.00	0.00	0.00	634.50	1183	1288.79	1288.79	2.89	638.77
1134	0.00	0.00	0.00	634.50	1184	1257.60	1257.60	2.96	638.89
1135	0.00	0.00	0.00	634.50	1185	1220.37	1220.37	3.04	639.00
1136	0.00	0.00	0.00	634.50	1186	1175.41	1175.41	3.11	639.10
1137	0.00	0.00	0.00	634.50	1187	1124.35	1124.35	3.18	639.21
1138	0.00	0.00	0.00	634.50	1188	1068.07	1068.07	3.25	639.30
1139	0.00	0.00	0.00	634.50	1189	1008.32	1008.32	3.31	639.40
1140	0.00	0.00	0.00	634.50	1190	946.44	946.44	3.37	639.48

CALLEGUA. 990									
1141	0.00	0.00	0.00	634.50	1191	883.77	883.77	3.42	639.56
1142	0.00	0.00	0.00	634.50	1192	821.81	821.81	3.47	639.64
1143	0.00	0.00	0.00	634.50	1193	764.33	764.33	3.52	639.71
1144	0.00	0.00	0.00	634.50	1194	711.37	711.37	3.56	639.77
1145	0.00	0.00	0.00	634.50	1195	660.65	660.65	3.60	639.83
1146	0.00	0.00	0.00	634.50	1196	611.60	611.60	3.64	639.89
1147	0.00	0.00	0.00	634.50	1197	564.62	564.62	3.68	639.94
1148	0.00	0.00	0.00	634.50	1198	519.64	519.64	3.71	639.99
1149	87.80	87.80	0.00	634.50	1199	477.10	477.10	3.74	640.03
1150	188.17	188.17	0.01	634.52	1200	437.15	437.15	3.77	640.08
1151	295.72	295.72	0.03	634.54	1201	399.48	399.48	3.79	640.11
1152	463.20	463.20	0.05	634.57	1202	364.67	364.67	3.81	640.15
1153	641.23	641.23	0.08	634.62	1203	332.01	332.01	3.84	640.18
1154	853.34	853.34	0.13	634.69	1204	301.18	301.18	3.85	640.20
1155	1104.00	1104.00	0.19	634.77	1205	271.47	271.47	3.87	640.23
1156	1345.34	1345.34	0.26	634.88	1206	242.97	242.97	3.89	640.25
1157	1561.16	1561.16	0.35	635.01	1207	216.06	216.06	3.90	640.27
1158	1746.99	1746.99	0.45	635.16	1208	191.16	191.16	3.91	640.29
1159	1881.81	1881.81	0.55	635.32	1209	168.29	168.29	3.92	640.31
1160	1992.82	1992.82	0.67	635.49	1210	147.52	147.52	3.93	640.32
1161	2046.93	2046.93	0.79	635.67	1211	129.29	129.29	3.94	640.33
1162	2070.74	2070.74	0.92	635.86	1212	113.99	113.99	3.95	640.34
1163	2074.19	2074.19	1.04	636.04	1213	100.32	100.32	3.95	640.35
1164	2027.39	2027.39	1.16	636.22	1214	87.88	87.88	3.96	640.36

RESERVOIR ROUTING AT 2613F									
TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV	TIME	INFLOW	ADJUSTED	OUTFLOW	ELEV
MIN	CFS	CFS	CFS	FT	MIN	CFS	CFS	CFS	FT
1215	77.55	77.55	3.96	640.37	1265	0.00	0.00	3.97	640.37
1216	67.77	67.77	3.97	640.37	1266	0.00	0.00	3.97	640.37
1217	57.94	57.94	3.97	640.38	1267	0.00	0.00	3.97	640.37
1218	47.12	47.12	3.97	640.38	1268	0.00	0.00	3.97	640.37
1219	35.25	35.25	3.98	640.38	1269	0.00	0.00	3.97	640.37
1220	22.27	22.27	3.98	640.39	1270	0.00	0.00	3.97	640.37
1221	7.70	7.70	3.98	640.39	1271	0.00	0.00	3.97	640.37
1222	0.00	0.00	3.98	640.39	1272	0.00	0.00	3.97	640.37
1223	0.00	0.00	3.98	640.39	1273	0.00	0.00	3.97	640.37
1224	0.00	0.00	3.98	640.39	1274	0.00	0.00	3.97	640.37
1225	0.00	0.00	3.98	640.39	1275	0.00	0.00	3.97	640.37
1226	0.00	0.00	3.98	640.39	1276	0.00	0.00	3.97	640.37
1227	0.00	0.00	3.98	640.39	1277	0.00	0.00	3.97	640.37
1228	0.00	0.00	3.98	640.39	1278	0.00	0.00	3.96	640.37
1229	0.00	0.00	3.98	640.39	1279	0.00	0.00	3.96	640.37
1230	0.00	0.00	3.98	640.39	1280	0.00	0.00	3.96	640.37
1231	0.00	0.00	3.98	640.38	1281	0.00	0.00	3.96	640.37
1232	0.00	0.00	3.98	640.38	1282	0.00	0.00	3.96	640.37
1233	0.00	0.00	3.98	640.38	1283	0.00	0.00	3.96	640.37
1234	0.00	0.00	3.98	640.38	1284	0.00	0.00	3.96	640.37
1235	0.00	0.00	3.98	640.38	1285	0.00	0.00	3.96	640.37
1236	0.00	0.00	3.97	640.38	1286	0.00	0.00	3.96	640.37
1237	0.00	0.00	3.97	640.38	1287	0.00	0.00	3.96	640.36
1238	0.00	0.00	3.97	640.38	1288	0.00	0.00	3.96	640.36
1239	0.00	0.00	3.97	640.38	1289	0.00	0.00	3.96	640.36
1240	0.00	0.00	3.97	640.38	1290	0.00	0.00	3.96	640.36
1241	0.00	0.00	3.97	640.38	1291	0.00	0.00	3.96	640.36
1242	0.00	0.00	3.97	640.38	1292	0.00	0.00	3.96	640.36
1243	0.00	0.00	3.97	640.38	1293	0.00	0.00	3.96	640.36
1244	0.00	0.00	3.97	640.38	1294	0.00	0.00	3.96	640.36
1245	0.00	0.00	3.97	640.38	1295	0.00	0.00	3.96	640.36

CALLEGUA. 990									
1246	0.00	0.00	3.97	640.38	1296	0.00	0.00	3.96	640.36
1247	0.00	0.00	3.97	640.38	1297	0.00	0.00	3.96	640.36
1248	0.00	0.00	3.97	640.38	1298	0.00	0.00	3.96	640.36
1249	0.00	0.00	3.97	640.38	1299	0.00	0.00	3.96	640.36
1250	0.00	0.00	3.97	640.38	1300	0.00	0.00	3.96	640.36
1251	0.00	0.00	3.97	640.38	1310	0.00	0.00	3.96	640.36
1252	0.00	0.00	3.97	640.38	1320	0.00	0.00	3.95	640.35
1253	0.00	0.00	3.97	640.38	1330	0.00	0.00	3.95	640.35
1254	0.00	0.00	3.97	640.38	1340	0.00	0.00	3.95	640.35
1255	0.00	0.00	3.97	640.38	1350	0.00	0.00	3.95	640.34
1256	0.00	0.00	3.97	640.38	1360	0.00	0.00	3.95	640.34
1257	0.00	0.00	3.97	640.38	1370	0.00	0.00	3.94	640.34
1258	0.00	0.00	3.97	640.38	1380	0.00	0.00	3.94	640.33
1259	0.00	0.00	3.97	640.37	1390	0.00	0.00	3.94	640.33
1260	0.00	0.00	3.97	640.37	1400	0.00	0.00	3.94	640.33
1261	0.00	0.00	3.97	640.37	1420	0.00	0.00	3.93	640.32
1262	0.00	0.00	3.97	640.37	1440	0.00	0.00	3.93	640.31
1263	0.00	0.00	3.97	640.37	1460	0.00	0.00	3.92	640.30
1264	0.00	0.00	3.97	640.37	1500	0.00	0.00	3.91	640.29