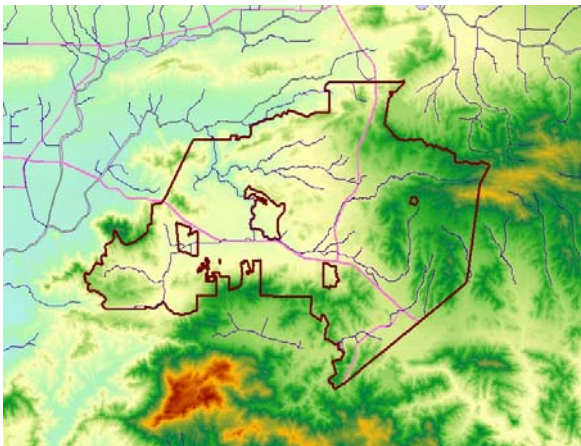




City of Thousand Oaks Storm Drain System Master Plan CI 4223

MODIFIED RATIONAL METHOD HYDROLOGY INPUT & OUTPUT



OCTOBER 2006

Volume 2 of 4

10-Year Storm Frequency

Modified Rational Method Input

100-Year Storm Frequency

Modified Rational Method Input

**City of Thousand Oaks
Storm Drain Master Plan
CI 4223
Modified Rational Method
Input/Output**

10-Year Storm Frequency

Modified Rational Method Output

100-Year Storm Frequency

Modified Rational Method Output

October 2006



**City of Thousand Oaks
Storm Drain System Master Plan
CI 4223**

HYDROLOGY & DEFICIENCY STUDY

**MODIFIED RATIONAL METHOD INPUT
10-YEAR STORM FREQUENCY**



OCTOBER 2006

005 2005 1A THOUS.OAKS SDSMP.ARR.CONEJO,10-YR DCL/DBT 9/06 FN=ARRCONBN.10I
 005 2005 51A LANG CREEK AT WESTLAKE BLVD.INFLOW TO DEBRIS BASIN Q-10F
 005 2005 70A LANG CREEK INFLOW TO DETENTION DAM ELEV-NAVD88 Q-10F
 005 2005 92A LANG CREEK W/DETENTION DAM AT ERBES ROAD Q-10F
 005 2005 106A LANG CREEK AT HWY 23 XING W/DETENTION DAM Q-10F
 005 2005 124A LANG CREEK PRIOR TO JCT. W/ARROYO CON. Q-10F
 005 2005 160B SKELETON CYN AT HILLCREST CROSSING Q-10F
 005 2005 168B ARROYO CONEJO BEFORE JCT.W/LOS ROBLES DRN. Q-10F
 005 2005 172C LAS ROBLES DRN. AT HWY 101 NEAR NEWHAMPSHIRE Q-10F
 005 2005 174C LAS ROBLES DRN. PRIOR TO JCT. W/ARR.CON. Q-10F
 005 2005 175BCARROYO CONEJO AFTER JCT.W/LOS ROBLES DRN. Q-10F
 005 2005 189C CONEJO SCHOOL ROAD DRN PRIOR TO JCT.W/ARR.CONEJO Q-10F
 005 2005 190BCARROYO CONEJO AFTER JCT. W/CONEJO SCHOOL RD.DRN. Q-10F
 005 2005 195D THE LAKES DRN.PRIOR TO JCT.W/W.TRIB AT CIVIC CENTER Q-10F
 005 2005 198E WEST TRIBUTARY - CIVIC CENTER DRAIN
 005 2005 199DETHE LAKES DRN.PRIOR TO JCT. W/ARROYO CONEJO Q-10F
 005 2005 201BDARROYO CONEJO AT CIVIC CENTER AFTER JCT.W/CIVIC CTR.DRN. Q-10F
 005 2005 207C TRIB.TO ARR.CON. FROM NORTH
 005 2005 209BCARROYO CONEJO AFTER JCT.W/DRAIN FROM NORTH Q-10F
 005 2005 215C RANCHO ROAD DRN.SOUTH PRIOR TO JCT. W/ARR.CON. Q-10F
 005 2005 216BCARROYO CONEJO UPSTREAM OF HWY.23 Q-10F
 005 2005 219B ARROYO CONEJO UPSTREAM JCT. W/T.O. NO.DRN. Q-10F
 005 2005 238C ROLLING OAKS DRN.SOUTH PRIOR JCT.W/ARR.CON. Q-10F
 005 2005 239BCARROYO CONEJO AFTER JCT.W/ROLLING OAKS DRN.SO. Q-10F
 005 2005 259C THOUSAND OAKS NORTH DRN.PRIOR JCT.W/ARROYO CONEJO Q-10F
 005 2005 260BCARROYO CONEJO AFTER JCT.W/THOUSAND OAKS NO.DRN. Q-10F
 005 2005 262B ARROYO CONEJO PRIOR TO JCT.W/LANG CREEK Q-10F
 005 2005 263ABARROYO CONEJO AFTER JCT.W/LANG CREEK
 005 2005 271B WILBUR RD.DRN.PRIOR TO JCT.W/ARR.CON. Q-10F
 005 2005 272ABARROYO CONEJO AFTER JCT.W/WILBUR RD.DRN. Q-10F
 005 2005 297BCPARK DRN.(LOS ROBLES GOLF COURSE)UPSTREAM OF HWY.101 Q-10F
 005 2005 298ABARROYO CON.AFTER JCT.W/PARK DRN.(LOS ROBLES GOLF COURSE)
 005 2005 306B THE OAKS MALL DRAIN Q-10F
 005 2005 325BC HILLCREST DRN.EAST OF LYNN RD. Q-10F
 005 2005 362A ARROYO CONEJO PRIOR TO JCT.W/SOUTH BR.ARR.CON. Q-10F
 005 2005 409B POTRERO DEBRIS BASIN INFLOW Q-10 F
 005 2005 410B POTRERO DETENTION BASIN INFLOW ELEV-NAVD88 Q-10 F YIELD 4.73 INCHES
 005 2005 465B SO.BR.ARR.CON. INFLW TO REINO RD.BSN. Q-10 F (NO ADDITIONAL VOLUME ADJUSTMENT)
 005 2005 468BFSO.BR.ARR.CON.SPLIT FLOW TO BOX Q-10F
 005 2005 468F ROUTED FLOW FROM DUCK POND BEFORE JCT. TO SO.BR. ELEV-NAVD88 Q-10F
 005 2005 469BFSO.BR.ARR.CON.AFTER JCT.W/RTED OUTFLOW REINO BASIN Q-10 F
 005 2005 475C CON.MT. CRK. INFLW TO 4-DAM SYSTEM TO MITIGATE DOS VIENTOS ELEV-NAVD88 Q10 F
 005 2005 489C CONEJO MT. CRK. OUTFLOW 4-DAM SYSTEM W/MITIGATION NAVD88 Q-10 F
 005 2005 532CDCONEJO MT. CRK. INFLW TO BY-PASS BSN (OLD 102B) Q-10 F
 005 2005 533CECONEJO MT. CK.BYPASS FLOW AR=0.945 Q-10 F
 005 2005 533E FLOW REMAINING AFTER SPLIT ROUTED THRU BASIN ELEV-NAVD88 Q-10F
 005 2005 534CE CONEJO MT. CK. AFTER JCT. W/ROUTED FLOW Q-10F
 005 2005 552C BORCHARD & LOS VIENTOS BASN. ELEV-NAVD88 Q-10F YIELD 3.52"
 005 2005 604B SO.BR.ARR.CON.UPSTREAM END BORCHARD RD.-HWY 101 BASIN Q-10 F
 005 2005 618B SO.BR.ARR.CON.RTED CHUTE-BORCHARD RD.-HWY 101 BASIN Q-10 F
 005 2005 622BDSO.BR.ARR.CON.DOWNSTREAM HWY 101 W/BASINS Q-10 F
 005 2005 639C MAPLE LEAF DETENTION BASIN INFLOW - ELEV-NAVD88- Q-10F
 005 2005 660C NEWBURY PARK RD.DRN.AT HWY 101 XING Q-10F
 005 2005 662B SO.BR.ARR.CON.PRIOR TO JCT.W/ARR.CONEJO Q-10F
 005 2005 670ABCONEJO CREEK AFTER JCT.OF ARR.CON.& SOUTH BR.ARR.CON. Q-10F
 005 2005 702A CONEJO CK.PRIOR TO HILL CYN.TREATMENT PLANT Q-10F

005	2005	739B	CASTANO	CHANNEL UPSTREAM OF HWY.23 Q-10F		
005	2005	789C	WAVERLY	CHL.AT MPK.RD. Q-10F		
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999						
999						
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006	2005	3A	010	099K10		
006	2005	4A	010	099K10		
006	2005	5A	010	5	8112K101	98501088
006	2005	6A	010	5	7211K10	
006	2005	7A	010	5	7011K101	83901032
006	2005	8A	010	5	6710K101	81800915
006	2005	9A	010	5	8811K101	182301302
006	2005	10A	010	5	7110K10	
006	2005	11A	010		099K10	
006	2005	12A	010		099K10	
006	2005	13A	010		099K10	
006	2005	14B	010	5	8410K101	191200574
006	2005	15B	020	5	8310K101	226600770
006	2005	16B	020	5	6010K10	
006	2005	17AB010			K1020008200877	
006	2005	18B	020	5	6210K10	
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006	2005	22A	020		099K10	
006	2005	23A	020		099K10	
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006	2005	35B	030	9	51 8K10	
006	2005	36AB010			K1010234100526	
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006	2005	39A	020	5	8012K10	
006	2005	40A	020		099K10	
006	2005	41A	020	25	7011K101	64400386
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006	2005	44B	020	24	2910K101	168400711
006	2005	45B	020	7	3210K101	124300710
006	2005	46B	020		099K10	
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006	2005	49B	020	21	4712K101	132300549
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006	2005	53A 030	099K10								
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006	2005	67D 020 12	23 9K104	7600238							
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112	987.7	992.7	1002.7	1012.7	1022.7	1032.7	1036.7	1037.7	1038.7	1040.7	1043.5
113	0.	1.	10.	46.	120.	215.	263.	275.	287.	311.	345.
114	0.	120.	330.	455.	560.	630.	660.	1220.	2295.	5340.	11010.
115											
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006	2005	89B 020 21	8013K10								
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006	2005	113B	020	25	5712K105	219400207
006	2005	114B	020	19	5111K105	311900299
006	2005	115B	030	5	7218K10	
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006	2005	117C	020	24	4211K10	
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006	2005	123A	020	44	6715K105	162000464
006	2005	124A	020	54	5014K10	
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006	2005	126B	010	5	5915K101	300800874
006	2005	127B	010	8	6311K105	308000556
006	2005	128B	020	23	4011K10	
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006	2005	130C	020	29	9611K100	000
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006	2005	133B	010	23	5811K101	229500726
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006	2005	156BC010		K1010145700493	
006	2005	157B 010		099K10	
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006	2005	159B 010	22	3514L105	145300622
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006	2005	168B 020	50	4815K10	
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006	2005	171C 020	41	7116L104	147400062
006	2005	172C 010	56	7011L104	129300089
006	2005	173C 010	53	7017L104	322400363
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006	2005	185D 010	20	5915K104	264300272
006	2005	186D 020	21	6015K10	
006	2005	187CD010		K1040079300273	
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006	2005	192D 010	15	4611L101	176100739
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006	2005	224C	010	5	3714K101	42200797	
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006	2005	227D	010	5	4615K10		
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006	2005	267B	010	61	6514K10		

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006	2005	291DE010		K1010253301273	
006	2005	292D 010		099K10	
006	2005	293D 020	5	4210K10	
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006	2005	304B 020	45	4214K10	
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113	48.57								
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113	0.00	0.20	0.90	2.40	4.60	7.70	11.90	13.00	26.00		
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113	78.50										
114	0.00	84.40	101.40	110.20	119.00	127.80	136.60	145.40	150.00	553.00	
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114	0.00	80.00	120.00	178.00	213.00	850.00					
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 005 2005 1541A LINDERO CYN. AT COUNTY LINE WITH LA Q-10 F
 005 2005 1555ABLINDERO CYN. AFTER JCT. W/ NO. RANCH LATL. Q-10 F
 005 2005 1568B WINDMILL CANYON AT COUNTY LINE Q-10 F
 005 2005 1582C COUNTRY VALLEY RD. DRAIN AT COUNTY LINE Q-10 F
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 005 2005 1636B WEST TRIBUTARY SCHOOL HOUSE CANYON PRIOR TO JCT. W/MAIN Q-10F
 005 2005 1641ABSCHOOLHOUSE CHANNEL INFLOW TO WESTLAKE LAKE Q-10 F
 005 2005 1657B LAKE SHERWOOD HAWKS HYDROGRAPH FROM Q-100 '92
 005 2005 1661B LAKE SHERWOOD OUTFLOW REDUCED TO Q-10 F
 005 2005 1672C OUTFLOW FROM BRIDGATE DEBRIS BSN PRIOR JCT W/ POTRERO CK.Q-10F
 005 2005 1687C LAKE ELEANOR INFLOW ELEV-NAVD88 Q-10 F
 005 2005 1689C LAKE ELEANOR ROUTED OUTFLOW Q-10F (ASSUMES LAKE HAS WATER IN IT)
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 005 2005 1692BCPOTRERO CREEK AFTER JCT. W/ LAKE ELEANOR CHANNEL Q-10F
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006	2005	1625A 010	67	7313L10	
006	2005	1626A 010		099K10	
006	2005	1627A 010		099K10	
006	2005	1628B 020	27	7512L104 201900151	
006	2005	1629B 010	47	4813L10	
006	2005	1630C 020	26	7214L104 63800095	
006	2005	1631BC010		L1040127300087	
006	2005	1632B 010	60	8611L10	
006	2005	1633C 010	42	4213L104 188800081	
006	2005	1634BC010		L1020136900047	
006	2005	1635B 010	79	4112L104 83300060	
006	2005	1636B 020	66	5814L105 104300059	1
006	2005	1637AB010		L1050194000041	
006	2005	1638A 010	47	5312L10	
006	2005	1639B 030	28	5012L104 146600128	
006	2005	1640B 020	23	5712L10	
006	2005	1641AB010		L1050018300326	11
006	2005	1642A 010		099K10	
006	2005	1643A 010		099K10	
006	2005	1644A 010		099K10	
006	2005	1645A 010		099K10	
006	2005	1646B 020	15	4710L104 237400273	
006	2005	1647B 020	25	5011L10	
006	2005	1648C 010	5	7112L104 272700659	
006	2005	1649C 020	18	8012L10	
006	2005	1650D 020	6	6612L10	
006	2005	1651CD010		L1040079000124	
006	2005	1652BC010		L1050158600109	
006	2005	1653B 020	23	4410L105 145000033	
006	2005	1654B 010	43	6013L10	
006	2005	1655B 010		099K10	
006	2005	1656B 010		099K10	
006	2005	1657B 010		K10	1 B B
006	2005	1658B 010		099K10	
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111		0.5334			
110					
006	2005	1659B 010		099K10	
006	2005	1660B 010		099K10	
006	2005	1661B 010		099K102 153400273	1
006	2005	1662B 020	17	8511L105 73700078	
006	2005	1663C 010	5	7111L104 182800488	
006	2005	1664C 010	16	8912L10	
006	2005	1665BC010		L1050140100382	1
006	2005	1666B 030	27	5611L105 24700044	
006	2005	1667C 010	6	5311L101 133001303	
006	2005	1668C 010	10	8612L102 96800382	

006	2005	1669C	010	14	5811L102	231700256	
006	2005	1670C	010	19	6810L10		
006	2005	1671C	010		099L10		
006	2005	1672C	010		099K10		1
006	2005	1673BC	010		L1050043900140		1
006	2005	1674C	010	5	4012L10		
006	2005	1675C	010	5	4612L101	161201118	
006	2005	1676C	010	5	3911L101	83501448	
006	2005	1677C	010	5	5712L101	131900790	
006	2005	1678C	010	10	3810L10		
006	2005	1679C	010		099K10		
006	2005	1680C	010	5	8013L101	270000633	
006	2005	1681C	010	7	8612L10		
006	2005	1682D	010	5	7413L101	90901602	
006	2005	1683D	010	5	4011L104	251800456	
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006	2005	1686C	010	5	7412L102	187400256	
006	2005	1687C	010	5	9513L10		1
006	2005	1688C	010		099L10		
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111	990.00	0.930			3.50		
112	989.06	990.00	991.00	992.00	993.00	994.00	995.00
113	0.0	4.80	10.40	16.40	22.60	29.10	35.70
114	0.00	96.00	293.00	553.00	863.00	1215.00	1605.00
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116	2005	1689C	010		099L10		
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006	2005	1690C	010	5	8311L102	256100308	
006	2005	1691C	020	22	5513L10		1
006	2005	1692BC	010		K105	62400239	11
006	2005	1693B	010		099K10		
006	2005	1694B	010	25	6510L105	37800155	
006	2005	1695B	010	26	4810L105	128600073	
006	2005	1696B	040	39	4210L10		
006	2005	1697B	010		099K10		
006	2005	1698B	020	19	5512L105	162900344	
006	2005	1699B	020	29	8111L10		
006	2005	1700B	020	22	8211L105	91200117	1
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006	2005	1702A	020	27	6410L10		
006	2005	1703B	010	68	6313L10		
006	2005	1704C	010	60	3013L10		
006	2005	1705BC	010		L1040092000022		
006	2005	1706B	010	52	4914L10		
006	2005	1707C	010	36	4410L104	99800033	
006	2005	1708BC	010		L1040155200060		
006	2005	1709B	010	50	4915L10		
006	2005	1710AB	010		K10		11
006	2005	1711A	010	43	5715L10		
006	2005	1712A	030	54	11610L10		
006	2005	1713B	010	20	4310L10		
006	2005	1714C	010	11	7111L10		
006	2005	1715D	010	10	7511L103	209700670	
006	2005	1716D	010	10	5710L10		2



**City of Thousand Oaks
Storm Drain System Master Plan
CI 4223**

HYDROLOGY & DEFICIENCY STUDY

**MODIFIED RATIONAL METHOD INPUT
100-YEAR STORM FREQUENCY**



OCTOBER 2006

005 2005 1A THOUS.OAKS SDSMP.ARR.CONEJO,100-YR DCL/DBT 9/06 FN=ARRCONBN.99I
 005 2005 51A LANG CREEK AT WESTLAKE BLVD.INFLOW TO DEBRIS BASIN Q-100 F
 005 2005 70A LANG CREEK INFLOW TO DETENTION DAM ELEV-NAVD88 Q-100 F
 005 2005 92A LANG CREEK W/DETENTION DAM AT ERBES ROAD Q-100F
 005 2005 106A LANG CREEK AT HWY 23 XING W/DETENTION DAM Q-100F
 005 2005 124A LANG CREEK PRIOR TO JCT. W/ARROYO CON. Q-100F
 005 2005 160B SKELETON CYN AT HILLCREST CROSSING Q-100F
 005 2005 168B ARROYO CONEJO BEFORE JCT.W/LOS ROBLES DRN. Q-100F
 005 2005 172C LAS ROBLES DRN. AT HWY 101 NEAR NEWHAMPSHIRE Q-100F
 005 2005 174C LAS ROBLES DRN. PRIOR TO JCT. W/ARR.CON. Q-100F
 005 2005 175BCARROYO CONEJO AFTER JCT.W/LOS ROBLES DRN. Q-100F
 005 2005 189C CONEJO SCHOOL ROAD DRN PRIOR TO JCT.W/ARR.CONEJO Q-100F
 005 2005 190BCARROYO CONEJO AFTER JCT. W/CONEJO SCHOOL RD.DRN. Q-100F
 005 2005 195D THE LAKES DRN.PRIOR TO JCT.W/W.TRIB AT CIVIC CENTER Q-100F
 005 2005 198E WEST TRIBUTARY - CIVIC CENTER DRAIN Q 100 F
 005 2005 199DETHE LAKES DRN.PRIOR TO JCT. W/ARROYO CONEJO Q-100 F
 005 2005 201BDARROYO CONEJO AT CIVIC CENTER AFTER JCT.W/CIVIC CTR.DRN. Q-100F
 005 2005 207C TRIB.TO ARR.CON. FROM NORTH Q-100F
 005 2005 209BCARROYO CONEJO AFTER JCT.W/DRAIN FROM NORTH Q-100F
 005 2005 215C RANCHO ROAD DRN.SOUTH PRIOR TO JCT. W/ARR.CON. Q-100F
 005 2005 216BCARROYO CONEJO UPSTREAM OF HWY.23 Q-100F
 005 2005 219B ARROYO CONEJO UPSTREAM JCT. W/T.O. NO.DRN. Q-100F
 005 2005 238C ROLLING OAKS DRN.SOUTH PRIOR JCT.W/ARR.CON. Q-100F
 005 2005 239BCARROYO CONEJO AFTER JCT.W/ROLLING OAKS DRN.SO. Q-100F
 005 2005 259C THOUSAND OAKS NORTH DRN.PRIOR JCT.W/ARROYO CONEJO Q-100F
 005 2005 260BCARROYO CONEJO AFTER JCT.W/THOUSAND OAKS NO.DRN. Q-100F
 005 2005 262B ARROYO CONEJO PRIOR TO JCT.W/LANG CREEK Q-100F
 005 2005 263ABARROYO CONEJO AFTER JCT.W/LANG CREEK Q-100 F
 005 2005 271B WILBUR RD.DRN.PRIOR TO JCT.W/ARR.CON. Q-100F
 005 2005 272ABARROYO CONEJO AFTER JCT.W/WILBUR RD.DRN. Q-100F
 005 2005 297BCPARK DRN.(LOS ROBLES GOLF COURSE)UPSTREAM OF HWY.101 Q-100F
 005 2005 298ABARROYO CON.AFTER JCT.W/PARK DRN.(LOS ROBLES GOLF COURSE)Q 100 F
 005 2005 306B THE OAKS MALL DRAIN Q-100F
 005 2005 325BCHILLCREST DRN.EAST OF LYNN RD. Q-100F
 005 2005 362A ARROYO CONEJO PRIOR TO JCT.W/SOUTH BR.ARR.CON. Q-100F
 005 2005 409B POTRERO DEBRIS BASIN INFLOW Q-100 F
 005 2005 410B POTRERO DETENTION BASIN INFLOW ELEV-NAVD88 Q-100 F YIELD 4.73 INCHES
 005 2005 465B SO.BR.ARR.CON. INFLW TO REINO RD.BSN.Q-100F (NO ADDTNL VOL ADJ.)
 005 2005 468BFSO.BR.ARR.CON.SPLIT FLOW TO BOX Q-100F
 005 2005 468F ROUTED FLOW FROM DUCK POND BEFORE JCT. TO SO.BR. ELEV-NAVD88 Q-100F
 005 2005 469BFSO.BR.ARR.CON.AFTER JCT.W/RTED OUTFLOW REINO BASIN Q-100F
 005 2005 475C CON.MT. CRK. INFLW TO 4-DAM SYSTEM TO MITIGATE DOS VIENTOS ELEV-NAVD88 Q100 F
 005 2005 489C CONEJO MT. CRK. OUTFLOW 4-DAM SYSTEM W/MITIGATION NAVD88 Q-100 F
 005 2005 532CDCONEJO MT. CRK. INFLW TO BY-PASS BSN (OLD 102B) Q-100 F
 005 2005 533CECONEJO MT. CK.BYPASS FLOW Q-100 F
 005 2005 533E FLOW REMAINING AFTER SPLIT ROUTED THRU BASIN ELEV-NAVD88 Q-100F
 005 2005 534CE CONEJO MT. CK. AFTER JCT. W/ROUTED FLOW Q-100F
 005 2005 552C BORCHARD & LOS VIENTOS BASN. ELEV-NAVD88 Q-100F YIELD 6.05"
 005 2005 604B SO.BR.ARR.CON.UPSTREAM END BORCHARD RD.-HWY 101 BASIN Q-100 F
 005 2005 618B SO.BR.ARR.CON.RTED CHUTE-BORCHARD RD.-HWY 101 BASIN Q-100 F
 005 2005 622BDSO.BR.ARR.CON.DOWNSTREAM HWY 101 W/BASINS Q-100 F
 005 2005 639C MAPLE LEAF DETENTION BASIN INFLOW -ELEV-NAVD88- Q-100F
 005 2005 660C NEWBURY PARK RD.DRN.AT HWY 101 XING Q-100F
 005 2005 662B SO.BR.ARR.CON.PRIOR TO JCT.W/ARR.CONEJO Q-100F
 005 2005 670ABCONEJO CREEK AFTER JCT.OF ARR.CON.& SOUTH BR.ARR.CON. Q-100F
 005 2005 702A CONEJO CREEK PRIOR TO JCT.W/NO.FK.ARR.CON. Q-100 F

005 2005 739B CASTANO CHANNEL UPSTREAM OF HWY.23 Q-100F
 005 2005 744C NO.FK.ARR.CON. PRIOR TO JCT. W/ E. TRIBUTARY Q-100 F
 005 2005 745BCNO.FK.ARR.CON.AFTER JUNCTION W/ E. TRIB. Q-100 F
 005 2005 765C CASTANO CHL. EAST OF MOORPARK ROAD Q-100 F
 005 2005 766BCNO. FK. ARR. CON. AFTER JCT. W/ CASTANO AT MPK. RD. Q-100 F
 005 2005 789C WAVERLY CHL.AT MPK.RD. Q-100F
 005 2005 797C WAVERLY CHL.AT LYNN RD. Q-100F
 005 2005 818B NO.FK. ARR. CON. PRIOR TO OLSEN CHL. Q-100 F
 005 2005 829C OLSEN CHL. EAST OF MOORPARK ROAD Q - 100 F
 005 2005 858C OLSEN CHL. NO. OF AVIDA DE LOS ARBOLES Q-100 F
 005 2005 864C OLSEN CHL. PRIOR TO JCT. W/ NO.FK. ARR.CON. Q -100 F
 005 2005 875B NO.FK.ARR.CON. AT EAST END OF HILL CYN.TREATMENT PLANT Q-100 F
 005 2005 878B NO.FK.ARR.CON. PRIOR TO JCT. W/ CONEJO CREEK Q-100 F

999
999

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006	2005	2A 010	099B98	
006	2005	3A 010	099B98	
006	2005	4A 010	099B98	
006	2005	5A 010	5 8109B981	98501088
006	2005	6A 010	5 7209B98	
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006	2005	8A 010	5 6708B981	81800915
006	2005	9A 010	5 8809B981	182301302
006	2005	10A 010	5 7108B98	
006	2005	11A 010	099B98	
006	2005	12A 010	099B98	
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006	2005	14B 010	5 8408B981	191200574
006	2005	15B 020	5 8308B981	226600770
006	2005	16B 020	5 6008B98	
006	2005	17AB010		B9820008200877
006	2005	18B 020	5 6208B98	
006	2005	19AB010		B9810148900643
006	2005	20A 010	5 5908B981	133300689
006	2005	21A 020	5 52 8B98	
006	2005	22A 020	099B98	
006	2005	23A 020	099B98	
006	2005	24B 020	5 6908B981	178800835
006	2005	25B 030	5 4609B98	
006	2005	26AB010		B9810063300257
006	2005	27A 010	5 5707B981	125100543
006	2005	28A 030	5 4307B98	
006	2005	29A 030	099B98	
006	2005	30A 030	099B98	
006	2005	31B 020	5 4107B98	
006	2005	32B 020	5 7510B981	129200919
006	2005	33B 020	5 4807B981	181800862
006	2005	34B 020	099B98	
006	2005	35B 030	9 5107B98	
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006	2005	37A 010	099B98	
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006	2005	39A 020	5 8009B98	
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006	2005	41A 020	25 7009B981	64400386

006	2005	42D 020 15	2407B98								
006	2005	43B 020 17	6508B98								
006	2005	44B 020 24	2908B981	168400711							
006	2005	45B 020 7	3208B981	124300710							
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006	2005	47B 030 6	2909B98								
006	2005	48B 020 5	6309B981	101600865							
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006	2005	51A 030 24	28 9B985	10000595							
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006	2005	54B 020 11	3408B984	113200618							
006	2005	55B 020 31	5308B984	79100981							
006	2005	56B 020 32	4809B984	128100638							
006	2005	57B 020 42	5209B98								
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006	2005	59A 010	099B98								
006	2005	60A 010	099B98								
006	2005	61B 020 18	4709B984	100701283							
006	2005	62B 020 19	8909B984	106700653							
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006	2005	64C 010 5	7009B984	141900719							
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006	2005	66BC010	B9840068100327								
006	2005	67D 020 12	2307B984	7600238							
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006	2005	71A 010	099B98								
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112	987.7	992.7	1002.7	1012.7	1022.7	1032.7	1036.7	1037.7	1038.7	1040.7	1043.5
113	0.	1.	10.	46.	120.	215.	263.	275.	287.	311.	345.
114	0.	120.	330.	455.	560.	630.	660.	1220.	2295.	5340.	11010.
115											
116	2005	71A 010	099B98								
110											
006	2005	72B 020 15	3107B985	111700719							
006	2005	73B 020 36	5209B981	51100555							
006	2005	74AB010	B9810092900404								
006	2005	75A 010	099B98								
006	2005	76A 020 14	3008B981	210500596							
006	2005	77A 010 18	4309B981	30200162							
006	2005	78A 010 6	3508B98								
006	2005	79A 010	099B98								
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006	2005	88BC010	B9840281500553								
006	2005	89B 020 21	8010B98								

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006	2005	95B 020	18	5508B98
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006	2005	97A 010		099B98
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006	2005	99A 020		099B98
006	2005	100A 010	28	3609B981 173300626
006	2005	101A 020	17	4709B982 61400209
006	2005	102B 010	42	5110B984 193200257
006	2005	103B 020	24	5611B98
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006	2005	107A 010	5	4909B985 24100572
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006	2005	111A 010	26	7310B98
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006	2005	113B 020	25	5709B985 219400207
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006	2005	134B 010	23	3809B98
006	2005	135B 010		099B98
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006	2005	147C 020	14	8110B981 210601024	
006	2005	148C 010	14	5509B98	
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006	2005	150B 010		099B98	
006	2005	151B 010	17	5109B981 180100563	
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006	2005	154C 010	6	7610B984 268100710	
006	2005	155C 010	14	8709B98	
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006	2005	157B 010		099B98	
006	2005	158B 010	18	7009C992 105600395	
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006	2005	205C	020	24	6210B98	
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006	2005	207C	020	49	3309B98	
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006	2005	210B	020	41	6910B985	115100240
006	2005	211B	010	33	3410B98	
006	2005	212B	010		099B98	
006	2005	213B	010		099B98	
006	2005	214C	010	11	5111B984	136400597
006	2005	215C	020	30	6813B984	22900089
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006	2005	217B	020	40	7809B985	80400474
006	2005	218B	020	51	4409B985	246300543
006	2005	219B	020	50	8111B98	
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006	2005	233C	020	21	9210B98	
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006	2005	240B	010		099B98	
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006	2005	245C	010	23	5911B984	60400268
006	2005	246C	010	20	5510B984	138700327
006	2005	247C	010	20	3211B98	
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006	2005	250D	020	25	4109B984	112300334
006	2005	251D	010	26	5411B98	
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006	2005	254C	010	27	4410B985	121300295
006	2005	255C	010	27	4109B985	187400395
006	2005	256C	010	26	4309B98	
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006	2005	261B	010		099B98		
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006	2005	264A	010		099B98		
006	2005	265A	010		099B98		
006	2005	266B	010	40	7810B984	196800187	
006	2005	267B	010	61	6510B98		
006	2005	268AB010			B9850095900037		
006	2005	269A	010		099B98		
006	2005	270B	010	31	5409B984	243200321	
006	2005	271B	010	55	3810B984	44200152	1
006	2005	272AB010			B9850154900432		11
006	2005	273A	010		099B98		
006	2005	274A	020	61	6010B98		
006	2005	275B	020	5	8412B981	194300863	
006	2005	276B	020	13	5110B981	145900239	
006	2005	277B	020	43	5309B984	100300391	
006	2005	278B	020	46	2809B985	18500172	
006	2005	279C	020	12	10409B982	159200532	
006	2005	280BC010			B9850170600290		
006	2005	281B	020	21	7010B98		
006	2005	282C	020	9	8612B984	127600341	
006	2005	283BC010			B98		
006	2005	284C	010		099B98		
006	2005	285C	020	5	4812B98		
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006	2005	287D	020	5	7709B981	79500734	
006	2005	288D	020	5	3308B98		
006	2005	289E	010	5	5610C991	261001111	
006	2005	290E	020	5	7612B98		
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006	2005	292D	010		099B98		
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006	2005	295C	020	6	3510B98		
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006	2005	298AB010			B9850150401179		11
006	2005	299A	010		099B98		
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006	2005	301B	020	7	5811B984	20201122	
006	2005	302AB010			B9850208701091		
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006	2005	304B	020	45	4210B98		
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006	2005	310C	010	44	3410B98		
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006	2005	312D	010	25	10312B98		
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006	2005	315CD	010		B9840041100158	
006	2005	316C	010		099B98	
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006	2005	319C	010	6	3809B98	
006	2005	320D	010	17	3810B981	71300591
006	2005	321CD	010		B9810207600759	
006	2005	322C	010		099B98	
006	2005	323C	020	23	7012B984	237700670
006	2005	324C	010	36	8811B98	
006	2005	325BC	010		B9850024000982	
006	2005	326AB	010		B98	
006	2005	327A	010		099B98	
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006	2005	329A	030	27	4311B98	
006	2005	330B	030		099B98	
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006	2005	332B	020	32	5012B984	233000872
006	2005	333B	020	25	5611B98	
006	2005	334C	020	16	4010B98	
006	2005	335C	020	16	7111B984	7500238
006	2005	336C	020	17	5512B984	233200690
006	2005	337C	020	25	4510B98	
006	2005	338BC	010		B9850081000319	
006	2005	339B	020	40	2811B982	36600668
006	2005	340AB	010		B9820188500861	
006	2005	341A	010		099B98	
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006	2005	343A	020	21	7110B98	
006	2005	344B	020	23	9812B98	
006	2005	345B	020	26	5811B985	198600206
006	2005	346B	010	26	6111B985	103900706
006	2005	347C	010		099B98	
006	2005	348C	010	23	6811B982	89800542
006	2005	349BC	010		B9820143400610	
006	2005	350B	010	23	4910B98	
006	2005	351AB	010		B9820030501266	
006	2005	352B	010		099B98	
006	2005	353B	010		099B98	
006	2005	354B	010	19	3212B984	190600664
006	2005	355B	010	32	3011B98	
006	2005	356C	010	16	4312B98	
006	2005	357BC	010		B9840186100330	
006	2005	358B	010		099B98	
006	2005	359B	020	33	6110B985	221400975
006	2005	360B	020	30	4210B98	
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006	2005	366A	010		099B98	
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006	2005	368A	010		099B98	
006	2005	369A	010		099B98	

11

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006	2005	386A	010	099B98						
006	2005	387A	010	099B98						
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006	2005	402B	010		099C99					
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112	804.60	805.60	806.60	807.60	808.60	809.60	810.60	811.60	812.60	
112	817.60									
113	0.0	1.64	3.55	5.46	6.82	7.37	9.28	11.19	13.37	
113	15.56	17.75	19.94	22.12	24.61	27.09	29.58	32.06	34.55	
113	48.57									
114	0.0	30.00	84.90	155.90	200.00	210.00	222.00	235.00	245.00	
114	270.00	280.00	290.00	300.00	315.00	325.00	335.00	345.00	350.00	
114	390.00									
115										
116	2005	410B	010		099C99					
110										
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006	2005	412B	010		099C99			
006	2005	413C	010	23	6210C995	108800069	5	20
006	2005	414C	020	19	6210C995	182600192	5	20
006	2005	415C	020	20	6109C995	127700745	4	20
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006	2005	417C	020	5	4109C995	144900239	4	20
006	2005	418C	010		099C99			
006	2005	419C	020	5	3709C99			
006	2005	420D	010	5	6312C99			
006	2005	421D	010	5	6312C995	176400274	4	18
006	2005	422D	030	5	6710C995	90100542	4	18
006	2005	423D	020	5	5009C995	177000415	4	18
006	2005	424D	020	5	4511C99			
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006	2005	426C	010		099C99			
006	2005	427C	030	5	6606C99			
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006	2005	429B	010		099C99			
006	2005	430C	020	5	8310C99			
006	2005	431C	010	19	4012C995	76400921	4	12
006	2005	432C	010	5	8011C995	158400697	4	12
006	2005	433C	020	5	7110C995	52201737	4	12
006	2005	434C	010	5	8011C995	168501045	3	12
006	2005	435C	010	6	7310C995	204400566	4	12
006	2005	436C	020	6	7310C995	189100136	4	12
006	2005	437C	030	5	5710C994	9200096		
006	2005	438BC010			C9950073900260			
006	2005	439B	010		099C99			
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006	2005	441D	010	10	6212C994	27000664		
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006	2005	444E	020	23	5809C994	45600280		
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006	2005	467B	020		099C99			

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006	2005	491C	020	22	2708B982	69800250					
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006	2005	519D	030	17	7509B98						
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006	2005	523D	020	29	3809C994	224100947					
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006	2005	527C	020	21	5411B98						
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006	2005	529C	010		099C99						
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006	2005	531D	020	26	3108B98						
006	2005	532CD	010		B98						1
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006	2005	533E	010		099B98						1
110											
111	739.60		0.915								
112	727.10	732.60			734.10	735.10	736.10	736.60	738.10	738.60	739.60
113	0	17.28			23.52	27.66	31.81	33.89	40.63	42.88	47.66
114	0.00	0.01			0.01	15.10	21.40	23.80	30.20	32.10	35.50
115											250.00

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110										
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006	2005	548B 010	099B98							
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006	2005	552C 010	099B98							1
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111	734.0		6.05							
112	720.0	722.00	724.00	726.00	728.00	730.00	732.00	734.00		
113	0.0	0.77	1.28	1.53	1.81	2.11	2.41	2.73		
114	0.0	20.0	68.0	100.0	128.0	150.0	275.0	502.0		
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110										
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006	2005	579CE010	B9820140500028							

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006	2005	629E 020 61	5212B98							
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006	2005	631D 010 69	9112B985	49300030						
006	2005	632E 010 80	5011B9830192500028							
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006	2005	636C 010 79	5111B985	47400049						
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110										
111	718.00	1.000								
112	701.70	702.0	702.50	703.00	703.50	704.50	707.0	708.00	709.0	710.00
112	712.50	713.00	713.50	714.00	715.00	716.00	717.00	718.00	719.00	720.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.1	0.4	1.00
113	2.8	3.2	3.60	4.10	5.0	6.00	7.0	8.10	9.3	10.60
114	0.00	10.00	20.00	30.00	40.00	45.00	070.00	081.00	090.00	099.00
114	118.00	122.00	126.00	130.00	135.00	140.00	145.00	150.00	285.00	528.0
115										
116	2005	640C 010	B984	92900957						
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006	2005	641D 020 9	7416B98							
006	2005	642D 010 12	8115C994	79500405						
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006	2005	645C 010	099B98							
006	2005	646C 030 36	8909B985	22700282						
006	2005	647BC010	B9850044000411							
006	2005	648B 010 60	7108B985	47800655						
006	2005	649B 010 67	4210B985	126100035						
006	2005	650B 010 53	5810B98							
006	2005	651C 020 57	5111B984	17800096						
006	2005	652BC010	B9850150000179							
006	2005	653C 010 7	7810C991	144100943						
006	2005	654C 010 15	7110B984	175700752						
006	2005	655C 020 34	4809B981	105401053						
006	2005	656D 020 13	6809B98							
006	2005	657D 020 17	6110B981	121900921						
006	2005	658CD010	B9820097300273							
006	2005	659C 020 32	7910B985	130100391						
006	2005	660C 020 51	8310B984	23700563						
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006	2005	662B 010 43	7008B98							
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006	2005	671B 020 80	5210B984	274800631						
006	2005	672B 010 23	6610B98							

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006	2005	674A 010		099B98
006	2005	675A 020	11	2409B98
006	2005	676A 010		099B98
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006	2005	682B 020	18	5310B981 140101643
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006	2005	688B 020	56	8010B984 228001273
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006	2005	692B 010		099B98
006	2005	693B 010		099B98
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006	2005	703A 010		099B98
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006	2005	709A 020	16	5712B98
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006	2005	712B 010		099B98
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006	2005	714B 010		099B98
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006	2005	716B 010		099B98
006	2005	717B 010		099B98
006	2005	718B 010		099B98
006	2005	719B 010		099B98
006	2005	720B 010		099B98
006	2005	721B 010		099B98
006	2005	722B 010		099B98
006	2005	723B 010		099B98
006	2005	724B 010		099B98
006	2005	725B 010		099B98
006	2005	726B 010		099B98
006	2005	727B 010		099B98
006	2005	728B 010		099B98

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006	2005	734B	030 41	4510B98		
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006	2005	736BC	030	B9840074400297		
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006	2005	740C	010	099B98		
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006	2005	743C	020 38	7011B985	159900257	
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006	2005	748B	010 31	6010B985	228800215	
006	2005	749B	010 32	3608B98		
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006	2005	784C	010	099B98		

006	2005	785C	010	25	6011B98	
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006	2005	787D	010	29	4611B984	88000432
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006	2005	790C	010	24	6410B985	154000518
006	2005	791C	010	28	7310B985	69000339
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006	2005	793D	010		099B98	
006	2005	794D	010	42	5310B984	254400800
006	2005	795D	010	28	5610B98	
006	2005	796CD010			B9850189800259	
006	2005	797C	010	25	6611B98	
006	2005	798C	010	28	6112B982	216401100
006	2005	799D	010		099B98	
006	2005	800D	010	26	8710B984	47400332
006	2005	801E	010		099B98	
006	2005	802E	020	17	4812B98	
006	2005	803E	010	17	3511B984	185900726
006	2005	804E	010	21	5512B98	
006	2005	805DE010			B9850075701567	
006	2005	806D	010		099B98	
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006	2005	810C	010	18	5511B982	142401494
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006	2005	814B	010	6	6211B982	71201263
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006	2005	819C	010		099B98	
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006	2005	831C	010	29	4709B985	61600217
006	2005	832D	010		099B98	
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006	2005	839D	020	17	4510B984	221900430
006	2005	840D	020	22	5511B98	

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006	2005	843D	010	31	6011B98		
006	2005	844E	010	42	3010B98		
006	2005	845DE010			B9820008000230		
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006	2005	852D	010	14	4708B98		
006	2005	853D	010	17	4109B984	116200618	
006	2005	854CD010			B98		
006	2005	855C	010	18	7210B985	138300555	
006	2005	856C	010	25	5410B98		
006	2005	857C	010	27	4411B984	87100536	
006	2005	858C	010	20	6610B981	180401550	1
006	2005	859C	010	20	4310B98		
006	2005	860D	020	11	8212B98		
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006	2005	863C	020		099B98		
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006	2005	865BC020			B9810061800491		
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006	2005	880C	010		099B98		
006	2005	881C	010		099B98		
006	2005	882C	020	79	6211B98		
006	2005	883C	020	33	6010B981	233301195	
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006	2005	886D	010	21	6210B981	204401490	
006	2005	887D	020	9	4610B98		
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006	2005	898CD010			B9810070100897	
006	2005	899C	010	7	6407B98	
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006	2005	905D	020	12	7212B98	
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006	2005	909C	010	7	4209B982	120300384
006	2005	910D	020	73	6710B981	254401091
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006	2005	918A	020	5	6210B982	51700487
006	2005	919A	020	5	4510B982	93300127
006	2005	920A	020	5	5710B982	92300568
006	2005	921A	020	5	3809B982	70500566
006	2005	922A	020	5	4407B982	158701338
006	2005	923A	010	5	8008B98	

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005 2005 1000A SANTA ROSA VLY-DBT/DCL 3/2006- Q100 F
005 2005 1028A SO. FORK TIERRA REJADA CK EVERETT RANCH Q100 W/J'RAIN-VCWPD 2001
005 2005 1076DESTA.ROSA TRIB.AT MOUTH OF McRAE RANCH,Q100-VCWPD 2001
005 2005 1083DESAT.ROSA TRIB.AT INTERSECTION OF MOORPARK RD & SANTA ROSA RD.
999
999
006 2005 1000A 030 24 4210B984 94001103
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006	2005	1054C	010 12	2408A97			
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006	2005	1059B	010	099A97			
006	2005	1060C	010 14	2910A97			
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006	2005	1084D	020 15	4009A975	17490020592		030030
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005 2005 1513A WESTLAKE DRAINAGE DCL/DBT W/BASINS Q-100F 9/2006
 005 2005 1520A LINDERO CYN. E.BRANCH PRIOR TO JCT W/LINDERO Q-100F
 005 2005 1536BCLINDERO CYN PRIOR JCT W/E.LATL. DOWNSTREAM KANAN RD. Q-100F
 005 2005 1537AB LINDERO CYN. JUCTION W/E.LATL. DOWNSTREAM KANAN RD. Q-100F
 005 2005 1541A LINDERO CYN. AT COUNTY LINE WITH LA Q-100F
 005 2005 1555ABLINDERO CYN. AFTER JCT. W/ NO. RANCH LATL. Q-100F
 005 2005 1568B WINDMILL CANYON AT COUNTY LINE Q-100F
 005 2005 1582C COUNTRY VALLEY RD. DRAIN AT COUNTY LINE Q-100F
 005 2005 1621A SCHOOLHOUSE CANYON AT THOUSAND OAKS BLVD. Q-100F
 005 2005 1624A SCHOOLHOUSE CANYON UPSTREAM OF HWY.101 Q-100F
 005 2005 1636B WEST TRIBUTARY SCHOOL HOUSE CANYON PRIOR TO JCT. W/MAIN Q-100F
 005 2005 1641ABSCHOOLHOUSE CHANNEL INFLOW TO WESTLAKE LAKE Q-100F
 005 2005 1657B LAKE SHERWOOD HAWKS HYDROGRAPH FROM Q-100 '92
 005 2005 1661B LAKE SHERWOOD OUTFLOW Q-100F
 005 2005 1672C OUTFLOW FROM BRIDGATE DEBRIS BSN PRIOR JCT W/ POTRERO CK.Q-100F
 005 2005 1687C LAKE ELEANOR INFLOW ELEV-NAVD88 Q-100F
 005 2005 1689C LAKE ELEANOR ROUTED OUTFLOW Q-100F (ASSUMES LAKE HAS WATER IN IT)
 005 2005 1691C LAKE ELEANOR PRIOR TO JCT. W/ POTRERO CK. Q-100F
 005 2005 1692BCPOTRERO CREEK AFTER JCT. W/ LAKE ELEANOR CHANNEL Q-100F
 005 2005 1700B POTRERO CREEK PRIOR TO JCT. W/LAKE SHERWOOD Q-100F
 005 2005 1701ABWESTLAKE AFTER JCT.W/POTRERO CREEK(NOT COMPLETE DRNG AREA)Q-100F
 005 2005 1710ABWESTLAKE AFTER JCT. W/ INTERIOR DRNGE. Q-100F

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007	2005	1657B	10916	931207	13115200	4			
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008	15	1000	3620	1050	4287	1100	5086	1110	5308 1120 5510
008	20	1130	5845	1131	5878	1132	5911	1133	5961 1134 6002
008	25	1135	6046	1136	6090	1137	6132	1138	6172 1139 6213
008	30	1140	6259	1141	6337	1142	6417	1143	6491 1144 6570
008	35	1145	6651	1146	6725	1147	6804	1148	6884 1149 7209
008	40	1150	7535	1151	7862	1152	8191	1153	8520 1154 8604
008	45	1155	8698	1156	8782	1157	8886	1158	8999 1159 9062
008	50	1160	9114	1161	9155	1162	9069	1163	8992 1164 8957
008	55	1165	8922	1166	8914	1167	9024	1168	9130 1169 9236
008	60	1170	9339	1171	9436	1172	9538	1173	9626 1174 9701
008	65	1175	9780	1176	9854	1177	9919	1178	9979 1179 10036
008	70	1180	10085	1181	10140	1182	10200	1183	10264 1184 10329
008	75	1185	10399	1186	10485	1187	10583	1188	10698 1189 10845
008	80	1190	11009	1191	11164	1192	11330	1193	11514 1194 11694
008	85	1195	11875	1196	12051	1197	12224	1198	12392 1199 12543
008	90	1200	12680	1201	12801	1202	12896	1203	12970 1204 13038
008	95	1205	13085	1206	13109	1207	13115	1208	13097 1209 13064
008	100	1210	13014	1211	12943	1212	12862	1213	12769 1214 12660
008	105	1215	12541	1216	12418	1217	12285	1218	12142 1219 11993
008	110	1220	11843	1221	11691	1222	11530	1223	11367 1224 11208
008	115	1225	11048	1226	10883	1227	10721	1228	10564 1229 10405
008	120	1230	10244	1231	10086	1232	9926	1233	9771 1234 9617
008	125	1235	9465	1236	9321	1237	9177	1238	9033 1239 8897
008	130	1240	8763	1241	8627	1242	8498	1243	8374 1244 8250
008	135	1245	8135	1246	8021	1247	7907	1248	7802 1249 7696
008	140	1250	7589	1251	7490	1252	7391	1253	7291 1254 7199
008	145	1255	7109	1256	7019	1257	6937	1258	6854 1259 6770
008	150	1260	6694	1261	6610	1262	6532	1263	6458 1264 6380
008	155	1265	6303	1266	6234	1267	6166	1268	6096 1269 6030
008	160	1270	5967	1271	5906	1272	5845	1273	5783 1274 5730

008165	1275	5677	1276	5620	1277	5567	1278	5518	1279	5468
008170	1280	5416	1281	5368	1282	5325	1283	5282	1284	5235
008175	1285	5191	1286	5152	1287	5112	1288	5069	1289	5028
008180	1290	4991	1291	4954	1292	4914	1293	4876	1294	4842
008185	1295	4808	1296	4771	1297	4736	1298	4706	1299	4675
008190	1300	4641	1310	4302	1320	4042	1330	3823	1340	3628
008195	1350	3381	1360	3191	1370	3009	1380	2833	1390	2665
008200	1400	2506	1420	2122	1440	1823	1460	1551	1500	1222
999										
006	2005	1513A	010	5	5910B981	201501118				G1
006	2005	1514A	010	10	7411B981	88500246				
006	2005	1515A	030	18	6209B98					
006	2005	1516A	030	23	3809B981	130300419				
006	2005	1517A	010		099B98					
006	2005	1518A	010		099B98					
006	2005	1519A	020	23	3708C991	257100456				
006	2005	1520A	020	24	7309C99					1
006	2005	1521A	010		099B98					
006	2005	1522A	010		099B98					
006	2005	1523A	010		099B98					
006	2005	1524B	010	8	7409B983	52301143				
006	2005	1525B	020	7	6809B981	97800890				
006	2005	1526B	010	19	6408B981	193900579				
006	2005	1527B	020	12	6808B981	152000661				
006	2005	1528B	020	10	5308C99					
006	2005	1529B	010		099B98					
006	2005	1530C	020	12	6109B982	134200525				
006	2005	1531C	020	18	5008B98					
006	2005	1532BC010			B9810161700662					
006	2005	1533B	010	10	6408C99					
006	2005	1534C	020	22	5007B981	218600589				
006	2005	1535C	010	19	5608C99					
006	2005	1536BC010			C9910135800602					11
006	2005	1537AB010			C9910177400506					11
006	2005	1538A	010	13	2708C992	127800315				
006	2005	1539A	010		099B98					
006	2005	1540A	010	18	6609C992	90300178				
006	2005	1541A	010	13	7409C99					1
006	2005	1542B	020	33	5408C994	325000194				
006	2005	1543B	020	51	5908C99					
006	2005	1544AB010			C9920149300517					
006	2005	1545A	010	22	9610C99					
006	2005	1546A	010		099B98					
006	2005	1547B	020	23	6009C994	123400410				
006	2005	1548B	020	29	3008C99					
006	2005	1549B	020	26	6508C994	42800130				
006	2005	1550B	020	24	8309C994	119100199				
006	2005	1551B	020	28	2808C994	39500267				
006	2005	1552B	010	44	7909C995	124300378				
006	2005	1553B	010		099B98					
006	2005	1554B	010	21	7909C99					
006	2005	1555AB010			C9920175000887					11
006	2005	1556A	010	5	5709C99					
006	2005	1557B	010	5	9209C992	127400659				
006	2005	1558B	010	8	6708C992	43400433				
006	2005	1559AB010			B98					1

006	2005	1560B	010		099B98	
006	2005	1561B	010		099B98	
006	2005	1562B	010		099B98	
006	2005	1563B	010		099B98	
006	2005	1564B	010		099B98	
006	2005	1565B	010		099B98	
006	2005	1566B	010	9	7909C994	143101356
006	2005	1567B	010	34	5408C994	207001398
006	2005	1568B	010	31	6709C99	
006	2005	1569B	010		099B98	
006	2005	1570B	010		099B98	
006	2005	1571B	010		099B98	
006	2005	1572B	010		099B98	
006	2005	1573C	010	12	4709C994	92500603
006	2005	1574C	010	15	6609C994	194101216
006	2005	1575C	010	13	8510C991	251400599
006	2005	1576C	010		099B98	
006	2005	1577C	010	17	5808C99	
006	2005	1578D	010	12	6809C99	
006	2005	1579CD	010		C9910334300756	
006	2005	1580C	010		099B98	
006	2005	1581C	010	9	8309C991	197800591
006	2005	1582C	010	48	3908C99	
006	2005	1583D	010	79	2607C99	
006	2005	1584D	010		099B98	
006	2005	1585F	010	5	8410C99	
006	2005	1586D	010		099B98	
006	2005	1587D	010		099B98	
006	2005	1588D	010		099B98	
006	2005	1589D	010		099B98	
006	2005	1590D	010		099B98	
006	2005	1591D	010		099B98	
006	2005	1592D	010		099B98	
006	2005	1593D	010		099B98	
006	2005	1594D	010		099B98	
006	2005	1595D	010		099B98	
006	2005	1596D	010		099B98	
006	2005	1597D	010		099B98	
006	2005	1598D	010		099B98	
006	2005	1599D	010		099B98	
006	2005	1600D	010		099B98	
006	2005	1601D	010		099B98	
006	2005	1602D	010		099B98	
006	2005	1603D	010		099B98	
006	2005	1604D	010		099B98	
006	2005	1605A	010	16	5309C994	224601125
006	2005	1606A	010		099B98	
006	2005	1607B	010	13	4208B981	277600817
006	2005	1608B	010	19	6909C99	
006	2005	1609AB	010		C9910124200493	
006	2005	1610B	010	22	3409C994	133701066
006	2005	1611A	020	18	4209C99	
006	2005	1612AB	010		C9910104300797	
006	2005	1613B	010	19	8110B984	149801157
006	2005	1614B	010	17	5910C994	178601127
006	2005	1615B	020	14	5908C99	

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006	2005	1616AB010		C9910117600868	
006	2005	1617A	020 11	4008C991 167100524	
006	2005	1618A	010 12	7009C991 244600597	
006	2005	1619A	010	099B98	
006	2005	1620A	010 23	8309C994 42400539	
006	2005	1621A	010 43	3308C992 162800194	1
006	2005	1622A	010	099B98	
006	2005	1623A	010	099B98	
006	2005	1624A	010 76	8010C994 306300090	1
006	2005	1625A	010 67	7310C99	
006	2005	1626A	010	099B98	
006	2005	1627A	010	099B98	
006	2005	1628B	020 27	7509C994 201900151	
006	2005	1629B	010 47	4810C99	
006	2005	1630C	020 26	7211C994 63800095	
006	2005	1631BC010		C9940127300087	
006	2005	1632B	010 60	8608C99	
006	2005	1633C	010 42	4210C994 188800081	
006	2005	1634BC010		C9920136900047	
006	2005	1635B	010 79	4109C994 83300060	
006	2005	1636B	020 66	5810C995 104300059	1
006	2005	1637AB010		C9950194000041	
006	2005	1638A	010 47	5310C99	
006	2005	1639B	030 28	5009C994 146600128	
006	2005	1640B	020 23	5709C99	
006	2005	1641AB010		C9950018300326	11
006	2005	1642A	010	099B98	
006	2005	1643A	010	099B98	
006	2005	1644A	010	099B98	
006	2005	1645A	010	099B98	
006	2005	1646B	020 15	4708C994 237400273	
006	2005	1647B	020 25	5009C99	
006	2005	1648C	010 5	7110C994 272700659	
006	2005	1649C	020 18	8009C99	
006	2005	1650D	020 6	6610C99	
006	2005	1651CD010		C9940079000124	
006	2005	1652BC010		C9950158600109	
006	2005	1653B	020 23	4408C995 145000033	
006	2005	1654B	010 43	6009C99	
006	2005	1655B	010	099B98	
006	2005	1656B	010	099B98	
006	2005	1657B	010	B98	1 B B
006	2005	1658B	010	099B98	
006	2005	1659B	010	099B98	
006	2005	1660B	010	099B98	
006	2005	1661B	010	099B982 153400273	1
006	2005	1662B	020 17	8509C995 73700078	
006	2005	1663C	010 5	7109C994 182800488	
006	2005	1664C	010 16	8909C99	
006	2005	1665BC010		C9950140100382	1
006	2005	1666B	030 27	5608C995 24700044	
006	2005	1667C	010 6	5309C991 133001303	
006	2005	1668C	010 10	8609C992 96800382	
006	2005	1669C	010 14	5809C992 231700256	
006	2005	1670C	010 19	6808C99	
006	2005	1671C	010	099C99	

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**City of Thousand Oaks
Storm Drain System Master Plan
CI 4223**

HYDROLOGY & DEFICIENCY STUDY

**MODIFIED RATIONAL METHOD OUTPUT
10-YEAR STORM FREQUENCY**



OCTOBER 2006

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950

THOUS.OAKS	SDSMP.ARR.	CONEJO, 10-YR	DCL/DBT	9/06	FN=ARRCONBN.10I											STORM	DAY 4
	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT				
LOCATION	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV			
2005	1A	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00			
2005	2A	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00			
2005	3A	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00			
2005	4A	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00			
2005	5A	81.	162.	81.	162.	1	985.	0.10880	0.00	0.00	0.	10	12	K10	0.05		
2005	6A	72.	152.	153.	305.	0	0.	0.00000	0.00	0.00	0.	10	11	K10	0.05		
2005	7A	70.	147.	223.	449.	1	839.	0.10320	0.00	0.00	0.	10	11	K10	0.05		
2005	8A	67.	150.	290.	588.	1	818.	0.09150	0.00	0.00	0.	10	10	K10	0.05		
2005	9A	88.	185.	378.	757.	1	1823.	0.13020	0.00	0.00	0.	10	11	K10	0.05		
2005	10A	71.	158.	449.	868.	0	0.	0.00000	0.00	0.00	0.	10	10	K10	0.05		
2005	11A	0.	0.	449.	868.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00		
2005	12A	0.	0.	449.	868.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00		
2005	13A	0.	0.	449.	868.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00		
2005	14B	84.	188.	84.	188.	1	1912.	0.05740	0.00	0.00	0.	10	10	K10	0.05		
2005	15B	83.	169.	167.	302.	1	2266.	0.07700	0.00	0.00	0.	20	10	K10	0.05		
2005	16B	60.	123.	227.	345.	0	0.	0.00000	0.00	0.00	0.	20	10	K10	0.05		
2005	17AB	227.	345.	676.	1213.	2	82.	0.08770	0.00	0.00	0.	10	0	K10	0.00		
2005	18B	62.	127.	62.	127.	0	0.	0.00000	0.00	0.00	0.	20	10	K10	0.05		
2005	19AB	62.	127.	738.	1311.	1	1489.	0.06430	0.00	0.00	0.	10	0	K10	0.00		
2005	20A	59.	132.	797.	1365.	1	1333.	0.06890	0.00	0.00	0.	10	10	K10	0.05		
2005	21A	52.	123.	849.	1361.	0	0.	0.00000	0.00	0.00	0.	20	8	K10	0.05		
2005	22A	0.	0.	849.	1361.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00		
2005	23A	0.	0.	849.	1361.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00		
2005	24B	69.	141.	69.	141.	1	1788.	0.08350	0.00	0.00	0.	20	10	K10	0.05		
2005	25B	46.	83.	115.	199.	0	0.	0.00000	0.00	0.00	0.	30	11	K10	0.05		
2005	26AB	115.	199.	964.	1528.	1	633.	0.02570	0.00	0.00	0.	10	0	K10	0.00		
2005	27A	57.	136.	1021.	1536.	1	1251.	0.05430	0.00	0.00	0.	10	9	K10	0.05		
2005	28A	43.	89.	1064.	1534.	0	0.	0.00000	0.00	0.00	0.	30	9	K10	0.05		
2005	29A	0.	0.	1064.	1534.	0	0.	0.00000	0.00	0.00	0.	30	99	K10	0.00		
2005	30A	0.	0.	1064.	1534.	0	0.	0.00000	0.00	0.00	0.	30	99	K10	0.00		
2005	31B	41.	90.	41.	90.	0	0.	0.00000	0.00	0.00	0.	20	9	K10	0.05		
2005	32B	75.	153.	116.	243.	1	1292.	0.09190	0.00	0.00	0.	20	10	K10	0.05		
2005	33B	48.	105.	164.	327.	1	1818.	0.08620	0.00	0.00	0.	20	9	K10	0.05		
2005	34B	0.	0.	164.	308.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00		
2005	35B	51.	115.	215.	361.	0	0.	0.00000	0.00	0.00	0.	30	8	K10	0.09		
2005	36AB	215.	361.	1279.	1793.	1	2341.	0.05260	0.00	0.00	0.	10	0	K10	0.00		
2005	37A	0.	0.	1279.	1762.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00		
2005	38A	0.	0.	1279.	1762.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00		
2005	39A	80.	145.	1359.	1785.	0	0.	0.00000	0.00	0.00	0.	20	12	K10	0.05		
2005	40A	0.	0.	1359.	1785.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00		
2005	41A	70.	140.	1429.	1810.	1	644.	0.03860	0.00	0.00	0.	20	11	K10	0.25		
2005	42D	24.	58.	24.	58.	0	0.	0.00000	0.00	0.00	0.	20	8	K10	0.15		
2005	43B	65.	136.	65.	136.	0	0.	0.00000	0.00	0.00	0.	20	10	K10	0.17		
2005	44B	29.	61.	94.	197.	1	1684.	0.07110	0.00	0.00	0.	20	10	K10	0.24		
2005	45B	32.	66.	126.	236.	1	1243.	0.07100	0.00	0.00	0.	20	10	K10	0.07		
2005	46B	0.	0.	126.	227.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00		
2005	47B	29.	52.	155.	264.	0	0.	0.00000	0.00	0.00	0.	30	11	K10	0.06		
2005	48B	63.	121.	218.	361.	1	1016.	0.08650	0.00	0.00	0.	20	11	K10	0.05		
2005	49B	47.	88.	265.	425.	1	1323.	0.05490	0.00	0.00	0.	20	12	K10	0.21		
2005	50AB	265.	414.	1694.	2153.	1	1648.	0.03680	0.00	0.00	0.	10	0	K10	0.00		

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950

THOUS.OAKS	SDSMP.ARR.	CONEJO,10-YR	DCL/DBT	9/06 FN=ARRCONBN.10I											STORM DAY 4
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	IMPV		
2005 51A	28.	60.	1722.	2142.	5	100.	0.05950	10.00	0.00	0.	30	9	K10 0.24		
2005 52A	0.	0.	1722.	2142.	0	0.	0.00000	0.00	0.00	0.	30	99	K10 0.00		
2005 53A	0.	0.	1722.	2142.	0	0.	0.00000	0.00	0.00	0.	30	99	K10 0.00		
2005 54B	34.	70.	34.	70.	4	1132.	0.06180	2.25	0.00	0.	20	10	K10 0.11		
2005 55B	53.	113.	87.	181.	4	791.	0.09810	3.00	0.00	0.	20	10	K10 0.31		
2005 56B	48.	92.	135.	270.	4	1281.	0.06380	3.50	0.00	0.	20	12	K10 0.32		
2005 57B	52.	102.	187.	367.	0	0.	0.00000	0.00	0.00	0.	20	12	K10 0.42		
2005 58AB	187.	367.	1909.	2216.	1	25.	0.07200	0.00	0.00	0.	10	0	K10 0.00		
2005 59A	0.	0.	1909.	2216.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00		
2005 60A	0.	0.	1909.	2216.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00		
2005 61B	47.	93.	47.	93.	4	1007.	0.12830	2.25	0.00	0.	20	11	K10 0.18		
2005 62B	89.	166.	136.	257.	4	1067.	0.06530	3.50	0.00	0.	20	12	K10 0.19		
2005 63B	0.	0.	136.	256.	0	0.	0.00000	0.00	0.00	0.	20	99	K10 0.00		
2005 64C	70.	140.	70.	140.	4	1419.	0.07190	2.75	0.00	0.	10	12	K10 0.05		
2005 65C	57.	111.	127.	247.	0	0.	0.00000	0.00	0.00	0.	20	11	K10 0.13		
2005 66BC	127.	247.	263.	504.	4	681.	0.03270	5.00	0.00	0.	10	0	K10 0.00		
2005 67D	23.	51.	47.	109.	4	76.	0.02380	3.00	0.00	0.	20	9	K10 0.12		
2005 68BD	47.	109.	310.	601.	4	145.	0.04630	5.00	0.00	0.	10	0	K10 0.00		
2005 69AB	310.	599.	2219.	2430.	2	2548.	0.04800	0.00	0.00	0.	10	0	K10 0.00		
2005 70A	19.	38.	2238.	2422.	0	0.	0.00000	0.00	0.00	0.	40	10	K10 0.39		
2005 71A	0.	0.	2238.	2422.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00		

* HYDROGRAPH FATTENED AT 71A *															
* INCOMING HYDROGRAPH PEAK	=	2421.77					INCOMING HYDROGRAPH VOLUME		=	242.22	AC.FT.				
* HYDROGRAPH ADJUSTMENT FACTOR	=	0.88100					RUNOFF FACTOR		=	2.76	IN.				
* ADJUSTED HYDROGRAPH PEAK	=	2133.58					ADJUSTED HYDROGRAPH VOLUME		=	213.40	AC.FT.				
* ADJ/FATTENED HYDROGRAPH PEAK	=	2133.58					ADJ/FATTENED HYDROGRAPH VOLUME		=	514.49	AC.FT.				

* RESERVOIR ROUTING AT 71A *															
* INCOMING HYDROGRAPH PEAK	=	2133.58					INCOMING HYDROGRAPH VOLUME		=	514.49	AC.FT.				
* HYDROGRAPH ADJUSTMENT FACTOR	=	0.88100													
* RESERVOIR INFLOW PEAK	=	2133.58	TIME OF PEAK	=	1166	VOLUME UNDER INFLOW		HYDROGRAPH	=	514.49	AC.FT.				
* MAXIMUM ELEVATION	=	1026.75	TIME	=	1250	SPILLAGE ELEVATION		=	1036.70	DIFFERENCE		=	-9.95		
* NO SPILLAGE															
* RESERVOIR OUTFLOW PEAK	=	588.33	TIME OF PEAK	=	1250	VOLUME UNDER OUTFLOW		HYDROGRAPH	=	428.96	AC.FT.				

2005 71A	0.	0.	2238.	588.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00		
2005 72B	31.	69.	31.	69.	5	1117.	0.07190	3.00	0.00	0.	20	9	K10 0.15		
2005 73B	52.	106.	83.	173.	1	511.	0.05550	0.00	0.00	0.	20	11	K10 0.36		
2005 74AB	83.	171.	2321.	667.	1	929.	0.04040	0.00	0.00	0.	10	0	K10 0.00		
2005 75A	0.	0.	2321.	665.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00		

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950														
THOUS.OAKS	SDSMP.ARR.	CONEJO,10-YR	DCL/DBT	9/06	FN=ARRCONBN.10I									
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	DAY 4
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME		ZONE	PCT
2005 76A	30.	62.	2351.	715.	1	2105.	0.05960	0.00	0.00	0.	20	10	K10	0.14
2005 77A	43.	92.	2394.	764.	1	302.	0.01620	0.00	0.00	0.	10	11	K10	0.18
2005 78A	35.	78.	2429.	804.	0	0.	0.00000	0.00	0.00	0.	10	10	K10	0.06
2005 79A	0.	0.	2429.	804.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 80B	68.	137.	68.	137.	4	1493.	0.10420	2.50	0.00	0.	10	12	K10	0.14
2005 81B	0.	0.	68.	136.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 82B	0.	0.	68.	136.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 83B	41.	86.	109.	220.	4	2611.	0.03340	3.75	0.00	0.	20	10	K10	0.20
2005 84B	66.	113.	175.	319.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.20
2005 85B	0.	0.	175.	319.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 86C	63.	105.	63.	105.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.25
2005 87C	43.	64.	106.	169.	0	0.	0.00000	0.00	0.00	0.	40	15	K10	0.26
2005 88BC	106.	169.	281.	480.	4	2815.	0.05530	4.50	0.00	0.	10	0	K10	0.00
2005 89B	80.	143.	361.	601.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.21
2005 90AB	361.	601.	2790.	1404.	1	1607.	0.05050	0.00	0.00	0.	10	0	K10	0.00
2005 91A	0.	0.	2790.	1391.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 92A	48.	86.	2838.	1455.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.20
2005 93A	0.	0.	2838.	1455.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00
2005 94B	45.	93.	45.	93.	1	2214.	0.11300	0.00	0.00	0.	20	10	K10	0.12
2005 95B	55.	115.	100.	176.	0	0.	0.00000	0.00	0.00	0.	20	10	K10	0.18
2005 96AB	100.	176.	2938.	1592.	5	1342.	0.07060	9.00	0.00	0.	10	0	K10	0.00
2005 97A	0.	0.	2938.	1587.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 98A	80.	168.	3018.	1693.	5	992.	0.08810	9.00	0.00	0.	20	10	K10	0.21
2005 99A	0.	0.	3018.	1690.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00
2005 100A	36.	73.	3054.	1751.	1	1733.	0.06260	0.00	0.00	0.	10	12	K10	0.28
2005 101A	47.	92.	3101.	1780.	2	614.	0.02090	0.00	0.00	0.	20	11	K10	0.17
2005 102B	51.	97.	51.	97.	4	1932.	0.02570	3.00	0.00	0.	10	14	K10	0.42
2005 103B	56.	93.	107.	183.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.24
2005 104AB	107.	183.	3208.	1941.	5	1606.	0.06060	10.00	0.00	0.	10	0	K10	0.00
2005 105A	0.	0.	3208.	1934.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 106A	42.	74.	3250.	1996.	5	459.	0.02470	11.00	0.00	0.	10	15	K10	0.13
2005 107A	49.	98.	3299.	2048.	5	241.	0.05720	10.00	0.00	0.	10	12	K10	0.05
2005 108B	25.	39.	25.	39.	4	272.	0.04600	2.00	0.00	0.	30	15	K10	0.20
2005 109AB	25.	39.	3324.	2080.	5	1937.	0.05030	10.00	0.00	0.	10	0	K10	0.00
2005 110A	46.	82.	3370.	2134.	5	2316.	0.06340	10.00	0.00	0.	10	15	K10	0.17
2005 111A	73.	137.	3443.	2206.	0	0.	0.00000	0.00	0.00	0.	10	14	K10	0.26
2005 112B	43.	97.	43.	97.	4	1091.	0.03320	2.75	0.00	0.	10	10	K10	0.19
2005 113B	57.	108.	100.	201.	5	2194.	0.02070	5.00	0.00	0.	20	12	K10	0.25
2005 114B	51.	101.	151.	286.	5	3119.	0.02990	5.00	0.00	0.	20	11	K10	0.19
2005 115B	72.	94.	223.	363.	0	0.	0.00000	0.00	0.00	0.	30	18	K10	0.05
2005 116C	51.	99.	51.	99.	3	2005.	0.03490	0.00	0.00	0.	10	13	K10	0.25
2005 117C	42.	84.	93.	155.	0	0.	0.00000	0.00	0.00	0.	20	11	K10	0.24
2005 118BC	93.	155.	316.	513.	4	417.	0.03130	5.25	0.00	0.	10	0	K10	0.00
2005 119B	0.	0.	316.	512.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 120AB	316.	512.	3759.	2671.	5	1089.	0.07190	11.00	0.00	0.	10	0	K10	0.00
2005 121A	50.	97.	3809.	2726.	5	1187.	0.02170	13.00	0.00	0.	10	13	K10	0.25
2005 122A	34.	61.	3843.	2749.	5	1503.	0.01640	13.00	0.00	0.	20	13	K10	0.21
2005 123A	67.	116.	3910.	2820.	5	1620.	0.04640	12.00	0.00	0.	20	15	K10	0.44
2005 124A	50.	92.	3960.	2852.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.54
2005 125B	0.	0.	0.	512.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950														
THOUS.OAKS	SDSMP.ARR.	CONEJO,10-YR	DCL/DBT	9/06	FN=ARRCONBN.10I									
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	DAY 4
	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME		ZONE	PCT
2005 126B	59.	103.	59.	103.	1	3008.	0.08740	0.00	0.00	0.	10	15	K10	0.05
2005 127B	63.	133.	122.	187.	5	3080.	0.05560	4.00	0.00	0.	10	11	K10	0.08
2005 128B	40.	79.	162.	245.	0	0.	0.00000	0.00	0.00	0.	20	11	K10	0.23
2005 129C	66.	141.	66.	141.	2	954.	0.12380	0.00	0.00	0.	10	11	K10	0.25
2005 130C	96.	193.	162.	331.	0	0.	0.00000	0.00	0.00	0.	20	11	K10	0.29
2005 131BC	162.	331.	324.	562.	1	1145.	0.06460	0.00	0.00	0.	10	0	K10	0.00
2005 132B	0.	0.	324.	558.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 133B	58.	124.	382.	670.	1	2295.	0.07260	0.00	0.00	0.	10	11	K10	0.23
2005 134B	38.	81.	420.	692.	0	0.	0.00000	0.00	0.00	0.	10	11	K10	0.23
2005 135B	0.	0.	420.	692.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 136C	69.	113.	69.	113.	0	0.	0.00000	0.00	0.00	0.	10	17	K10	0.07
2005 137C	38.	67.	107.	179.	1	821.	0.07360	0.00	0.00	0.	10	15	K10	0.06
2005 138C	72.	112.	179.	287.	2	3522.	0.06890	0.00	0.00	0.	20	16	K10	0.13
2005 139C	51.	88.	230.	353.	0	0.	0.00000	0.00	0.00	0.	10	16	K10	0.20
2005 140D	80.	117.	80.	117.	2	1142.	0.03510	0.00	0.00	0.	20	18	K10	0.17
2005 141D	47.	69.	127.	183.	0	0.	0.00000	0.00	0.00	0.	20	18	K10	0.20
2005 142E	56.	96.	56.	96.	1	1039.	0.05790	0.00	0.00	0.	20	14	K10	0.20
2005 143E	54.	92.	110.	178.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.16
2005 144DE	110.	178.	237.	361.	2	1605.	0.08300	0.00	0.00	0.	10	0	K10	0.00
2005 145D	64.	118.	301.	469.	0	0.	0.00000	0.00	0.00	0.	10	14	K10	0.14
2005 146CD	301.	469.	531.	817.	2	338.	0.07200	0.00	0.00	0.	10	0	K10	0.00
2005 147C	81.	137.	612.	940.	1	2106.	0.10240	0.00	0.00	0.	20	14	K10	0.14
2005 148C	55.	111.	667.	996.	0	0.	0.00000	0.00	0.00	0.	10	12	K10	0.14
2005 149BC	667.	996.	1087.	1688.	1	813.	0.06570	0.00	0.00	0.	10	0	K10	0.00
2005 150B	0.	0.	1087.	1678.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 151B	51.	103.	1138.	1740.	1	1801.	0.05630	0.00	0.00	0.	10	12	K10	0.17
2005 152B	80.	170.	1218.	1745.	0	0.	0.00000	0.00	0.00	0.	10	11	K10	0.19
2005 153B	0.	0.	1218.	1745.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 154C	76.	139.	76.	139.	4	2681.	0.07100	2.75	0.00	0.	10	14	K10	0.06
2005 155C	87.	175.	163.	304.	0	0.	0.00000	0.00	0.00	0.	10	12	K10	0.14
2005 156BC	163.	304.	1381.	1920.	1	1457.	0.04930	0.00	0.00	0.	10	0	K10	0.00
2005 157B	0.	0.	1381.	1906.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 158B	70.	160.	1451.	1940.	2	1056.	0.03950	0.00	0.00	0.	10	12	L10	0.18
2005 159B	35.	73.	1486.	1955.	5	1453.	0.06220	10.00	0.00	0.	10	14	L10	0.22
2005 160B	79.	164.	1565.	2023.	0	0.	0.00000	0.00	0.00	0.	10	14	L10	0.20
2005 161C	60.	126.	60.	126.	2	1835.	0.05110	0.00	0.00	0.	10	11	K10	0.05
2005 162C	44.	106.	104.	216.	0	0.	0.00000	0.00	0.00	0.	10	11	L10	0.09
2005 163BC	104.	216.	1669.	2130.	5	1204.	0.05720	10.00	0.00	0.	10	0	L10	0.00
2005 164B	0.	0.	1669.	2123.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 165B	49.	106.	1718.	2154.	5	1660.	0.04860	10.00	0.00	0.	10	13	L10	0.13
2005 166B	76.	175.	1794.	2190.	5	1833.	0.03760	10.00	0.00	0.	10	12	L10	0.27
2005 167B	56.	117.	1850.	2263.	5	2573.	0.04550	10.00	0.00	0.	10	15	L10	0.75
2005 168B	48.	84.	1898.	2309.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.50
2005 169B	0.	0.	1898.	2309.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 170B	0.	0.	1898.	2309.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 171C	71.	131.	71.	131.	4	1474.	0.00620	4.25	0.00	0.	20	16	L10	0.41
2005 172C	70.	174.	141.	288.	4	1293.	0.00890	5.25	0.00	0.	10	11	L10	0.56
2005 173C	70.	134.	211.	411.	4	3224.	0.03630	4.75	0.00	0.	10	17	L10	0.53
2005 174C	52.	108.	263.	481.	0	0.	0.00000	0.00	0.00	0.	20	11	K10	0.47

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950
THOUS.OAKS SDSMP.ARR.CONEJO,10-YR DCL/DBT 9/06 FN=ARRCONBN.10I 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
***** CONFLUENCE Q'S *****														
* 2005 175B TB 1166 QB		2309. QBC	2708. QC	399.	2005 175C TC 1161 QC	481. QCB	2551. QB	2071.						
* 2005 175BC TBC 1165 QBC		2726. QB	2307. QC	419.										

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
2005 175BC	263.	481.	2161.	2726.	5	138.	0.03300	12.00	0.00	0.	10	0	K10	0.00
2005 176B	0.	0.	2161.	2725.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 177C	59.	99.	59.	99.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.10
2005 178C	29.	47.	88.	146.	4	1138.	0.10890	2.75	0.00	0.	20	15	K10	0.14
2005 179C	45.	73.	133.	218.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.16
2005 180D	55.	110.	55.	110.	1	654.	0.10660	0.00	0.00	0.	10	12	K10	0.05
2005 181D	44.	88.	99.	195.	4	1028.	0.11320	3.00	0.00	0.	10	12	K10	0.10
2005 182CD	99.	195.	232.	410.	4	1946.	0.02440	5.00	0.00	0.	10	0	K10	0.00
2005 183C	0.	0.	232.	404.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 184C	29.	50.	261.	451.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.26
2005 185D	59.	105.	59.	105.	4	2643.	0.02720	3.00	0.00	0.	10	15	K10	0.20
2005 186D	60.	99.	119.	194.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.21
2005 187CD	119.	194.	380.	646.	4	793.	0.02730	5.75	0.00	0.	10	0	K10	0.00
2005 188C	0.	0.	380.	644.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 189C	20.	36.	400.	678.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.42
2005 190BC	400.	678.	2561.	3340.	5	1067.	0.03450	13.00	0.00	0.	10	0	K10	0.00
2005 191B	28.	41.	2589.	3370.	5	177.	0.05180	12.00	0.00	0.	20	21	K10	0.50
2005 192D	46.	111.	46.	111.	1	1761.	0.07390	0.00	0.00	0.	10	11	L10	0.15
2005 193D	55.	134.	101.	216.	4	2191.	0.04700	3.50	0.00	0.	10	11	L10	0.22
2005 194D	43.	89.	144.	290.	4	1486.	0.04690	4.00	0.00	0.	10	12	K10	0.44
2005 195D	0.	0.	144.	288.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 196E	48.	98.	48.	98.	4	991.	0.13270	2.25	0.00	0.	10	12	K10	0.27
2005 197E	40.	82.	88.	179.	4	2047.	0.09390	3.00	0.00	0.	10	12	K10	0.39
2005 198E	54.	117.	142.	290.	0	0.	0.00000	0.00	0.00	0.	10	11	K10	0.39

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
***** CONFLUENCE Q'S *****														
* 2005 199D TD 1161 QD		288. QDE	547. QE	259.	2005 199E TE 1156 QE	290. QED	535. QD	244.						
* 2005 199DE TDE 1159 QDE		558. QD	277. QE	281.										

2005 199DE	142.	290.	286.	558.	4	168.	0.06810	4.75	0.00	0.	10	0	K10	0.00
2005 200D	0.	0.	286.	557.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00

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 *****														
* 2005 201B TB 1165 QB		3370. QBD	3747. QD	378.	2005 201D TD 1159 QD	557. QDB	3515. QB	2957.						
* 2005 201BD TBD 1163 QBD		3824. QB	3339. QD	484.										

2005 201BD	286.	557.	2875.	3824.	5	1411.	0.04670	13.00	0.00	0.	10	0	K10	0.00
2005 202B	0.	0.	2875.	3814.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 203B	61.	102.	2936.	3904.	0	0.	0.00000	0.00	0.00	0.	10	17	K10	0.31

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THOUS.OAKS		SDSMP.ARR.CONEJO,10-YR	DCL/DBT 9/06 FN=ARRCONBN.10I											STORM DAY 4	
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT		
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	IMPV		
2005 204C	69.	124.	69.	124.	1	2494.	0.03190	0.00	0.00	0.	20	13	K10 0.22		
2005 205C	62.	112.	131.	171.	0	0.	0.00000	0.00	0.00	0.	20	13	K10 0.24		
2005 206C	79.	141.	210.	299.	5	1484.	0.02260	6.00	0.00	0.	20	13	K10 0.19		
2005 207C	33.	65.	243.	350.	0	0.	0.00000	0.00	0.00	0.	20	12	K10 0.49		
2005 208C	0.	0.	243.	350.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00		

* CONFLUENCE Q'S *

* 2005 209B TB 1164 QB 3904. QBC 4211. QC 307. 2005 209C TC 1160 QC 350. QCB 4004. QB 3654. *

* 2005 209BC TBC 1163 QBC 4233. QB 3902. QC 331. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	IMPV
2005 209BC	243.	350.	3179.	4233.	5	905.	0.05430	13.00	0.00	0.	10	0	K10 0.00
2005 210B	69.	124.	3248.	4323.	5	1151.	0.02400	15.00	0.00	0.	20	14	K10 0.41
2005 211B	34.	64.	3282.	4362.	0	0.	0.00000	0.00	0.00	0.	10	14	K10 0.33
2005 212B	0.	0.	3282.	4362.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005 213B	0.	0.	3282.	4362.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005 214C	51.	90.	51.	90.	4	1364.	0.05970	2.50	0.00	0.	10	15	K10 0.11
2005 215C	68.	103.	119.	191.	4	229.	0.00890	4.50	0.00	0.	20	18	K10 0.30
2005 216BC	119.	191.	3401.	4535.	5	1287.	0.03410	15.00	0.00	0.	10	0	K10 0.00
2005 217B	78.	152.	3479.	4583.	5	804.	0.04740	14.00	0.00	0.	20	12	K10 0.40
2005 218B	44.	88.	3523.	4615.	5	2463.	0.05430	14.00	0.00	0.	20	12	K10 0.51
2005 219B	81.	142.	3604.	4708.	0	0.	0.00000	0.00	0.00	0.	20	15	K10 0.50
2005 220B	0.	0.	3604.	4708.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005 221B	0.	0.	3604.	4708.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005 222C	51.	107.	51.	107.	1	629.	0.07010	0.00	0.00	0.	10	11	K10 0.05
2005 223C	43.	86.	94.	189.	1	778.	0.05620	0.00	0.00	0.	10	12	K10 0.05
2005 224C	37.	68.	131.	250.	1	422.	0.07970	0.00	0.00	0.	10	14	K10 0.05
2005 225C	0.	0.	131.	250.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005 226D	45.	108.	45.	108.	1	1342.	0.06660	0.00	0.00	0.	10	11	L10 0.05
2005 227D	46.	81.	91.	177.	0	0.	0.00000	0.00	0.00	0.	10	15	K10 0.05
2005 228CD	91.	177.	222.	427.	1	353.	0.09370	0.00	0.00	0.	10	0	K10 0.00
2005 229D	70.	123.	70.	123.	0	0.	0.00000	0.00	0.00	0.	10	15	K10 0.05
2005 230CD	70.	123.	292.	542.	1	1470.	0.04680	0.00	0.00	0.	10	0	K10 0.00
2005 231C	0.	0.	292.	528.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005 232C	60.	107.	352.	606.	1	2044.	0.06350	0.00	0.00	0.	20	13	K10 0.19
2005 233C	92.	165.	444.	658.	0	0.	0.00000	0.00	0.00	0.	20	13	K10 0.21
2005 234C	0.	0.	444.	658.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005 235D	57.	95.	57.	95.	1	3073.	0.08280	0.00	0.00	0.	20	14	K10 0.05
2005 236D	81.	125.	138.	181.	0	0.	0.00000	0.00	0.00	0.	30	15	K10 0.18
2005 237CD	138.	181.	582.	833.	5	2648.	0.04020	8.00	0.00	0.	10	0	K10 0.00
2005 238C	51.	88.	633.	889.	0	0.	0.00000	0.00	0.00	0.	20	15	K10 0.45

* CONFLUENCE Q'S *

* 2005 239B TB 1165 QB 4708. QBC 5597. QC 889. 2005 239C TC 1165 QC 889. QCB 5597. QB 4708. *

* 2005 239BC TBC 1165 QBC 5597. QB 4708. QC 889. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	IMPV
2005 239BC	633.	889.	4237.	5597.	5	35.	0.06760	14.00	0.00	0.	10	0	K10 0.00

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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
2005 240B	0.	0.	4237.	5597.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 241B	0.	0.	4237.	5597.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 242C	59.	104.	59.	104.	3	3007.	0.08660	0.00	0.00	0.	10	15	K10	0.06
2005 243C	83.	153.	142.	230.	3	1037.	0.08280	0.00	0.00	0.	10	14	K10	0.14
2005 244C	75.	135.	217.	350.	4	793.	0.04640	4.25	0.00	0.	10	15	K10	0.25
2005 245C	59.	106.	276.	446.	4	604.	0.02680	5.00	0.00	0.	10	15	K10	0.23
2005 246C	55.	102.	331.	538.	4	1387.	0.03270	5.25	0.00	0.	10	14	K10	0.20
2005 247C	32.	57.	363.	588.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.20
2005 248C	0.	0.	363.	588.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 249D	63.	111.	63.	111.	3	2189.	0.03950	0.00	0.00	0.	20	13	K10	0.13
2005 250D	41.	78.	104.	161.	4	1123.	0.03340	3.25	0.00	0.	20	12	K10	0.25
2005 251D	54.	97.	158.	247.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.26
2005 252CD	158.	247.	521.	835.	5	2243.	0.06750	7.00	0.00	0.	10	0	K10	0.00
2005 253C	0.	0.	521.	833.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 254C	44.	86.	565.	903.	5	1213.	0.02950	8.00	0.00	0.	10	13	K10	0.27
2005 255C	41.	84.	606.	964.	5	1874.	0.03950	8.00	0.00	0.	10	12	K10	0.27
2005 256C	43.	88.	649.	1022.	0	0.	0.00000	0.00	0.00	0.	10	12	K10	0.26
2005 257C	66.	119.	715.	1119.	5	1318.	0.03180	8.00	0.00	0.	20	13	K10	0.25
2005 258C	48.	82.	763.	1188.	5	2259.	0.03660	8.00	0.00	0.	20	15	K10	0.37
2005 259C	42.	73.	805.	1238.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.44

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* CONFLUENCE Q'S *
* 2005 260B TB 1165 QB 5597. QBC 6816. QC 1219. 2005 260C TC 1164 QC 1238. QCB 6811. QB 5574. *
* 2005 260BC TBC 1165 QBC 6816. QB 5597. QC 1219. *

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
2005 260BC	805.	1238.	5042.	6816.	5	1287.	0.12130	13.00	0.00	0.	10	0	K10	0.00
2005 261B	0.	0.	5042.	6816.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 262B	40.	80.	5082.	6838.	0	0.	0.00000	0.00	0.00	0.	20	12	K10	0.54

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* CONFLUENCE Q'S *
* 2005 263A TA 1165 QA 2852. QAB 9689. QB 6838. 2005 263B TB 1165 QB 6838. QBA 9689. QA 2852. *
* 2005 263AB TAB 1165 QAB 9689. QA 2852. QB 6838. *

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
2005 263AB	5082.	6838.	9042.	9689.	5	554.	0.03880	19.00	0.00	0.	10	0	K10	0.00
2005 264A	0.	0.	9042.	9679.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 265A	0.	0.	9042.	9679.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 266B	78.	154.	78.	154.	4	1968.	0.01870	3.75	0.00	0.	10	13	K10	0.40
2005 267B	65.	126.	143.	270.	0	0.	0.00000	0.00	0.00	0.	10	14	K10	0.61
2005 268AB	143.	270.	9185.	9883.	5	959.	0.00370	32.00	0.00	0.	10	0	K10	0.00
2005 269A	0.	0.	9185.	9848.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 270B	54.	111.	54.	111.	4	2432.	0.03210	3.00	0.00	0.	10	12	K10	0.31
2005 271B	38.	76.	92.	179.	4	442.	0.01520	4.00	0.00	0.	10	13	K10	0.55

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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 *****														
* 2005 272A TA 1166 QA	9848. QAB	9959. QB	111.	2005 272B TB 1159 QB	178. QBA	7784. QA	7606.							
* 2005 272AB TAB 1166 QAB	9959. QA	9848. QB	111.											

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
2005 272AB	92.	178.	9277.	9959.	5	1549.	0.04320	19.00	0.00	0.	10	0	K10	0.00
2005 273A	0.	0.	9277.	9941.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 274A	60.	117.	9337.	9975.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.61
2005 275B	84.	128.	84.	128.	1	1943.	0.08630	0.00	0.00	0.	20	16	K10	0.05
2005 276B	51.	86.	135.	197.	1	1459.	0.02390	0.00	0.00	0.	20	14	K10	0.13
2005 277B	53.	109.	188.	225.	4	1003.	0.03910	3.75	0.00	0.	20	11	K10	0.43
2005 278B	28.	58.	216.	264.	5	185.	0.01720	6.00	0.00	0.	20	11	K10	0.46
2005 279C	104.	192.	104.	192.	2	1592.	0.05320	0.00	0.00	0.	20	12	K10	0.12
2005 280BC	104.	186.	320.	443.	5	1706.	0.02900	7.00	0.00	0.	10	0	K10	0.00
2005 281B	70.	125.	390.	549.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.21
2005 282C	86.	132.	86.	132.	4	1276.	0.03410	3.00	0.00	0.	20	16	K10	0.09
2005 283BC	86.	130.	476.	678.	0	0.	0.00000	0.00	0.00	0.	10	0	K10	0.00
2005 284C	0.	0.	0.	130.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 285C	48.	70.	48.	70.	0	0.	0.00000	0.00	0.00	0.	20	17	K10	0.05
2005 286D	64.	121.	64.	121.	1	2247.	0.10550	0.00	0.00	0.	10	16	L10	0.07
2005 287D	77.	148.	141.	240.	1	795.	0.07340	0.00	0.00	0.	20	11	K10	0.05
2005 288D	33.	67.	174.	291.	0	0.	0.00000	0.00	0.00	0.	20	10	K10	0.05
2005 289E	56.	115.	56.	115.	1	2610.	0.11110	0.00	0.00	0.	10	14	L10	0.05
2005 290E	76.	116.	132.	209.	0	0.	0.00000	0.00	0.00	0.	20	16	K10	0.05
2005 291DE	132.	209.	306.	498.	1	2533.	0.12730	0.00	0.00	0.	10	0	K10	0.00
2005 292D	0.	0.	306.	483.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 293D	42.	86.	348.	518.	0	0.	0.00000	0.00	0.00	0.	20	10	K10	0.05
2005 294CD	348.	518.	396.	584.	2	1534.	0.04030	0.00	0.00	0.	10	0	K10	0.00
2005 295C	35.	61.	431.	622.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.06
2005 296C	0.	0.	431.	622.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 297BC	431.	622.	907.	1291.	4	689.	0.07210	6.25	0.00	0.	10	0	K10	0.00

***** CONFLUENCE Q'S *****														
* 2005 298A TA 1166 QA	9975. QAB	11079. QB	1104.	2005 298B TB 1162 QB	1289. QBA	10294. QA	9005.							
* 2005 298AB TAB 1166 QAB	11079. QA	9975. QB	1104.											

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
2005 298AB	907.	1289.	10244.	11079.	5	1504.	0.11790	16.00	0.00	0.	10	0	K10	0.00
2005 299A	0.	0.	10244.	11078.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 300A	28.	53.	10272.	11093.	0	0.	0.00000	0.00	0.00	0.	30	13	K10	0.62
2005 301B	58.	92.	58.	92.	4	202.	0.11220	2.25	0.00	0.	20	15	K10	0.07
2005 302AB	58.	92.	10330.	11149.	5	2087.	0.10910	16.00	0.00	0.	10	0	K10	0.00
2005 303B	0.	0.	0.	92.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 304B	42.	76.	42.	76.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.45
2005 305B	75.	141.	117.	217.	4	2326.	0.01720	4.25	0.00	0.	10	14	K10	0.33
2005 306B	62.	122.	179.	323.	0	0.	0.00000	0.00	0.00	0.	30	12	K10	0.60
2005 307C	0.	0.	0.	622.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00

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LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME		ZONE	IMPV
2005 308C	59.	106.	59.	106.	4	1339.	0.00800	3.75	0.00	0.	10	15	K10	0.25
2005 309C	52.	98.	111.	196.	4	1558.	0.02540	3.75	0.00	0.	10	14	K10	0.32
2005 310C	34.	67.	145.	256.	0	0.	0.00000	0.00	0.00	0.	10	13	K10	0.44
2005 311C	64.	110.	209.	362.	4	2269.	0.01720	5.00	0.00	0.	10	16	K10	0.25
2005 312D	103.	178.	103.	178.	0	0.	0.00000	0.00	0.00	0.	10	16	K10	0.25
2005 313D	61.	109.	164.	287.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.25
2005 314D	64.	111.	228.	398.	4	720.	0.02250	5.00	0.00	0.	10	16	K10	0.31
2005 315CD	228.	397.	437.	728.	4	411.	0.01580	6.75	0.00	0.	10	0	K10	0.00
2005 316C	0.	0.	437.	726.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 317C	31.	62.	468.	774.	0	0.	0.00000	0.00	0.00	0.	20	11	K10	0.25
2005 318C	41.	83.	509.	849.	5	1958.	0.10100	7.00	0.00	0.	10	12	K10	0.20
2005 319C	38.	76.	547.	914.	0	0.	0.00000	0.00	0.00	0.	10	12	K10	0.06
2005 320D	38.	70.	38.	70.	1	713.	0.05910	0.00	0.00	0.	10	14	K10	0.17
2005 321CD	38.	68.	585.	982.	1	2076.	0.07590	0.00	0.00	0.	10	0	K10	0.00
2005 322C	0.	0.	585.	969.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 323C	70.	111.	655.	1067.	4	2377.	0.06700	6.00	0.00	0.	20	16	K10	0.23
2005 324C	88.	160.	743.	1189.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.36

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* CONFLUENCE Q'S *
* 2005 325B TB 1159 QB 323. QBC 1356. QC 1033. 2005 325C TC 1164 QC 1189. QCB 1438. QB 249. *
* 2005 325BC TBC 1162 QBC 1473. QB 301. QC 1172. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME		ZONE	IMPV
2005 325BC	743.	1189.	922.	1473.	5	240.	0.09820	8.00	0.00	0.	10	0	K10	0.00
2005 326AB	922.	1472.	11252.	12488.	0	0.	0.00000	0.00	0.00	0.	10	0	K10	0.00
2005 327A	0.	0.	11252.	12488.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 328A	52.	88.	11304.	12541.	5	1632.	0.07480	18.00	0.00	0.	20	15	K10	0.33
2005 329A	43.	68.	11347.	12560.	0	0.	0.00000	0.00	0.00	0.	30	15	K10	0.27
2005 330B	0.	0.	0.	1472.	0	0.	0.00000	0.00	0.00	0.	30	99	K10	0.00
2005 331B	53.	96.	53.	96.	4	758.	0.10310	2.25	0.00	0.	20	13	K10	0.27
2005 332B	50.	78.	103.	174.	4	2330.	0.08720	3.00	0.00	0.	20	17	K10	0.32
2005 333B	56.	93.	159.	262.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.25
2005 334C	40.	71.	40.	71.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.16
2005 335C	71.	115.	111.	186.	4	75.	0.02380	3.75	0.00	0.	20	15	K10	0.16
2005 336C	55.	83.	166.	269.	4	2332.	0.06900	3.50	0.00	0.	20	17	K10	0.17
2005 337C	45.	81.	211.	344.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.25
2005 338BC	211.	344.	370.	606.	5	810.	0.03190	7.00	0.00	0.	10	0	K10	0.00
2005 339B	28.	48.	398.	652.	2	366.	0.06680	0.00	0.00	0.	20	15	K10	0.40
2005 340AB	398.	650.	11745.	13064.	2	1885.	0.08610	0.00	0.00	0.	10	0	K10	0.00
2005 341A	0.	0.	11745.	13023.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 342A	0.	0.	11745.	13023.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 343A	71.	127.	11816.	13052.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.21
2005 344B	98.	156.	98.	156.	0	0.	0.00000	0.00	0.00	0.	20	16	K10	0.23
2005 345B	58.	96.	156.	252.	5	1986.	0.02060	6.00	0.00	0.	20	15	K10	0.26
2005 346B	61.	110.	217.	353.	5	1039.	0.07060	5.00	0.00	0.	10	15	K10	0.26
2005 347C	0.	0.	0.	344.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 348C	68.	122.	68.	122.	2	898.	0.05420	0.00	0.00	0.	10	15	K10	0.23
2005 349BC	68.	120.	285.	472.	2	1434.	0.06100	0.00	0.00	0.	10	0	K10	0.00
2005 350B	49.	95.	334.	558.	0	0.	0.00000	0.00	0.00	0.	10	13	K10	0.23

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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
2005 351AB	334.	558.	12150.	13504.	2	305.	0.12660	0.00	0.00	0.	10	0	K10	0.00
2005 352B	0.	0.	0.	558.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 353B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 354B	32.	55.	32.	55.	4	1906.	0.06640	2.00	0.00	0.	10	16	K10	0.19
2005 355B	30.	54.	62.	107.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.32
2005 356C	43.	71.	43.	71.	0	0.	0.00000	0.00	0.00	0.	10	17	K10	0.16
2005 357BC	43.	71.	105.	177.	4	1861.	0.03300	3.50	0.00	0.	10	0	K10	0.00
2005 358B	0.	0.	105.	175.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 359B	61.	108.	166.	277.	5	2214.	0.09750	5.00	0.00	0.	20	14	K10	0.33
2005 360B	42.	74.	208.	344.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.30

CONFLUENCE Q'S

* 2005 361A TA 1166 QA 13497. QAB 13762. QB 265. 2005 361B TB 1160 QB 344. QBA 11394. QA 11050. *

* 2005 361AB TAB 1166 QAB 13762. QA 13497. QB 265. *

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
2005 361AB	208.	344.	12358.	13762.	2	1243.	0.12580	0.00	0.00	0.	10	0	K10	0.00
2005 362A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 363A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 364A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 365A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 366A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 367A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 368A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 369A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 370A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 371A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 372A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 373A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 374A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 375A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 376A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 377A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 378A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 379A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 380A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 381A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 382A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 383A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 384A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 385A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 386A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 387A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 388A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 389A	0.	0.	12358.	13736.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 390B	0.	0.	0.	344.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 391B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 392B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 393B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00

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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
2005	394B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005	395B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005	396B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005	397B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005	398B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005	399B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005	400B	41.	99.	41.	99.	4	388.	0.02190	3.00	0.00	0.	10	11	L10	0.15
2005	401B	38.	99.	79.	197.	4	888.	0.01810	4.00	0.00	0.	10	10	L10	0.21
2005	402B	0.	0.	79.	196.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005	403B	69.	158.	148.	351.	4	1987.	0.01570	5.25	0.00	0.	10	12	L10	0.19
2005	404B	64.	136.	212.	467.	4	1567.	0.04450	4.75	0.00	0.	20	12	L10	0.17
2005	405B	0.	0.	212.	464.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005	406B	0.	0.	212.	464.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005	407B	62.	132.	274.	579.	2	826.	0.08900	0.00	0.00	0.	20	12	L10	0.18
2005	408B	0.	0.	274.	578.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005	409B	85.	181.	359.	736.	4	1712.	0.05700	5.25	0.00	0.	20	12	L10	0.19
2005	410B	0.	0.	359.	731.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00

* HYDROGRAPH FATTENED AT 410B *

* INCOMING HYDROGRAPH PEAK = 731.44 INCOMING HYDROGRAPH VOLUME = 73.68 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 0.96000 RUNOFF FACTOR = 4.73 IN. *

* ADJUSTED HYDROGRAPH PEAK = 702.18 ADJUSTED HYDROGRAPH VOLUME = 70.74 AC.FT. *

* ADJ/FATTENED HYDROGRAPH PEAK = 702.18 ADJ/FATTENED HYDROGRAPH VOLUME = 141.45 AC.FT. *

* RESERVOIR ROUTING AT 410B *

* INCOMING HYDROGRAPH PEAK = 702.18 INCOMING HYDROGRAPH VOLUME = 141.45 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 0.96000 *

* RESERVOIR INFLOW PEAK = 702.18 TIME OF PEAK = 1161 VOLUME UNDER INFLOW HYDROGRAPH = 141.45 AC.FT. *

* MAXIMUM ELEVATION = 807.58 TIME = 1183 SPILLAGE ELEVATION = 812.60 DIFFERENCE = -5.02 *

* NO SPILLAGE *

* RESERVOIR OUTFLOW PEAK = 299.82 TIME OF PEAK = 1183 VOLUME UNDER OUTFLOW HYDROGRAPH = 132.75 AC.FT. *

2005 410B	0.	0.	359.	300.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 411B	83.	159.	442.	426.	0	0.	0.00000	0.00	0.00	0.	20	14	L10	0.18
2005 412B	0.	0.	442.	426.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 413C	62.	135.	62.	135.	5	1088.	0.00690	20.00	5.00	0.	10	13	L10	0.23
2005 414C	62.	125.	124.	226.	5	1826.	0.01920	20.00	5.00	0.	20	13	L10	0.19
2005 415C	61.	130.	185.	275.	5	1277.	0.07450	20.00	4.00	0.	20	12	L10	0.20
2005 416C	77.	153.	262.	389.	5	1160.	0.05660	20.00	4.00	0.	20	13	L10	0.11
2005 417C	41.	91.	303.	437.	5	1449.	0.02390	20.00	4.00	0.	20	11	L10	0.05
2005 418C	0.	0.	303.	419.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00

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THOUS.OAKS	SDSMP.ARR.	CONEJO,10-YR	DCL/DBT	9/06	FN=ARRCONBN.10I								STORM	DAY 4
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME		ZONE	IMPV
2005 419C	37.	77.	340.	452.	0	0.	0.00000	0.00	0.00	0.	20	12	L10	0.05
2005 420D	63.	114.	63.	114.	0	0.	0.00000	0.00	0.00	0.	10	17	L10	0.05
2005 421D	63.	119.	126.	233.	5	1764.	0.02740	18.00	4.00	0.	10	16	L10	0.05
2005 422D	67.	123.	193.	323.	5	901.	0.05420	18.00	4.00	0.	30	13	L10	0.05
2005 423D	50.	104.	243.	399.	5	1770.	0.04150	18.00	4.00	0.	20	12	L10	0.05
2005 424D	45.	80.	288.	439.	0	0.	0.00000	0.00	0.00	0.	20	15	L10	0.05
2005 425CD	288.	439.	628.	888.	5	1132.	0.01530	18.00	5.00	0.	10	0	L10	0.00
2005 426C	0.	0.	628.	862.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 427C	66.	211.	694.	877.	0	0.	0.00000	0.00	0.00	0.	30	6	L10	0.05
2005 428BC	694.	877.	1136.	1240.	5	1184.	0.02100	10.00	0.00	0.	10	0	L10	0.00
2005 429B	0.	0.	1136.	1232.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 430C	83.	163.	83.	163.	0	0.	0.00000	0.00	0.00	0.	20	13	L10	0.05
2005 431C	40.	76.	123.	240.	5	764.	0.09210	12.00	4.00	0.	10	16	L10	0.19
2005 432C	80.	157.	203.	393.	5	1584.	0.06970	12.00	4.00	0.	10	15	L10	0.05
2005 433C	71.	140.	274.	504.	5	522.	0.17370	12.00	4.00	0.	20	13	L10	0.05
2005 434C	80.	157.	354.	652.	5	1685.	0.10450	12.00	4.00	0.	10	15	L10	0.05
2005 435C	73.	150.	427.	772.	5	2044.	0.05660	12.00	4.00	0.	10	14	L10	0.06
2005 436C	73.	137.	500.	822.	5	1891.	0.01360	12.00	4.00	0.	20	14	L10	0.06
2005 437C	57.	100.	557.	772.	5	92.	0.00960	10.00	0.00	0.	30	14	L10	0.05
2005 438BC	557.	772.	1693.	1966.	5	739.	0.02600	11.00	0.00	0.	10	0	L10	0.00
2005 439B	0.	0.	1693.	1964.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 440D	54.	111.	54.	111.	2	1974.	0.12150	0.00	0.00	0.	10	14	L10	0.08
2005 441D	62.	117.	116.	223.	4	270.	0.06640	3.25	0.00	0.	10	16	L10	0.10
2005 442D	52.	107.	168.	327.	4	1866.	0.04380	4.25	0.00	0.	10	14	L10	0.10
2005 443D	0.	0.	168.	325.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 444E	58.	132.	58.	132.	4	456.	0.02800	3.25	0.00	0.	20	11	L10	0.23
2005 445DE	58.	132.	226.	448.	4	529.	0.02960	5.00	0.00	0.	10	0	L10	0.00
2005 446D	0.	0.	226.	447.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 447D	31.	63.	257.	506.	4	623.	0.02010	5.50	0.00	0.	20	13	L10	0.22
2005 448D	44.	101.	301.	597.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.23
2005 449D	0.	0.	301.	597.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 450D	92.	190.	393.	779.	4	1009.	0.02890	6.25	0.00	0.	10	14	L10	0.14
2005 451D	0.	0.	393.	776.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 452E	47.	107.	47.	107.	4	429.	0.01360	3.50	0.00	0.	20	11	L10	0.23
2005 453DE	47.	107.	440.	874.	5	1200.	0.02120	9.00	0.00	0.	10	0	L10	0.00
2005 454D	0.	0.	440.	871.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 455E	73.	141.	73.	141.	4	1264.	0.02960	3.25	0.00	0.	20	14	L10	0.21
2005 456E	52.	135.	125.	271.	0	0.	0.00000	0.00	0.00	0.	10	10	L10	0.24
2005 457DE	125.	271.	565.	1114.	5	2057.	0.03740	9.00	0.00	0.	10	0	L10	0.00
2005 458D	88.	171.	653.	1264.	0	0.	0.00000	0.00	0.00	0.	20	14	L10	0.25
2005 459BD	653.	1264.	2346.	2980.	5	271.	0.00800	16.00	0.00	0.	10	0	L10	0.00
2005 460B	51.	105.	2397.	3023.	5	259.	0.01780	14.00	0.00	0.	30	12	L10	0.25
2005 461C	33.	68.	33.	68.	4	1348.	0.03340	2.50	0.00	0.	10	14	L10	0.13
2005 462BC	33.	67.	2430.	3081.	5	666.	0.01210	15.00	0.00	0.	10	0	L10	0.00
2005 463B	42.	92.	2472.	3130.	0	0.	0.00000	0.00	0.00	0.	10	13	L10	0.25
2005 464B	39.	85.	2511.	3189.	5	1043.	0.03500	13.00	0.00	0.	10	13	L10	0.14
2005 465B	45.	110.	2556.	3203.	0	0.	0.00000	0.00	0.00	0.	20	10	L10	0.26
2005 466B	0.	0.	2556.	3203.	0	0.	0.00000	0.00	0.00	0.	20	99	L10	0.00
2005 467B	0.	0.	2556.	3203.	0	0.	0.00000	0.00	0.00	0.	20	99	L10	0.00

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LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
2005 467B	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	IMPV
2005 467B	0.	0.	2556.	2819.	0	0.	0.00000	0.00	0.00	0.	0	5	0 0.00

* CONFLUENCE Q'S *													
2005 468B TB 1163 QB	2819. QBF	2200. QF	619.	2005 468F TF 1163 QF	619. QFB	2200. QB	2819.						
2005 468BF TB 1155 QBF	2200. QB	2266. QF	66.										

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
2005 468BF	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	IMPV
2005 468BF	0.	619.	2556.	2200.	5	923.	0.08250	3.00	2.00	2200.	10	0	L10 0.00
2005 468F	0.	0.	0.	619.	4	48.	0.08800	4.50	0.00	0.	10	99	L10 0.00

* RESERVOIR ROUTING AT 468F *													
* INCOMING HYDROGRAPH PEAK = 617.63 INCOMING HYDROGRAPH VOLUME = 11.07 AC.FT. *													
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *													
* RESERVOIR INFLOW PEAK = 617.63 TIME OF PEAK = 1163 VOLUME UNDER INFLOW HYDROGRAPH = 11.07 AC.FT. *													
* MAXIMUM ELEVATION = 714.06 TIME = 1171 SPILLAGE ELEVATION = 724.60 DIFFERENCE = -10.54 *													
* NO SPILLAGE *													
* RESERVOIR OUTFLOW PEAK = 122.76 TIME OF PEAK = 1171 VOLUME UNDER OUTFLOW HYDROGRAPH = 11.03 AC.FT. *													

2005 468F	0.	0.	0.	123.	0	0.	0.00000	0.00	0.00	0.	10	99	L10 0.00

* CONFLUENCE Q'S *													
2005 469B TB 1158 QB	2200. QBF	2222. QF	22.	2005 469F TF 1171 QF	123. QFB	2323. QB	2200.						
2005 469BF TB 1171 QBF	2323. QB	2200. QF	123.										

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
2005 469BF	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	IMPV
2005 469BF	0.	123.	2556.	2323.	0	0.	0.00000	0.00	0.00	0.	10	0	L10 0.00
2005 470B	26.	64.	2582.	2333.	0	0.	0.00000	0.00	0.00	0.	20	10	L10 0.30
2005 471C	32.	68.	32.	68.	4	1057.	0.10860	2.00	0.00	0.	10	11	K10 0.20
2005 472C	85.	171.	117.	237.	4	977.	0.06580	3.50	0.00	0.	10	12	K10 0.13
2005 473C	20.	45.	137.	281.	0	0.	0.00000	0.00	0.00	0.	10	10	K10 0.21
2005 474C	75.	151.	212.	429.	2	601.	0.04000	0.00	0.00	0.	10	12	K10 0.10
2005 475C	0.	0.	212.	427.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00

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

* HYDROGRAPH FATTENED AT 475C *													
* INCOMING HYDROGRAPH PEAK	=	427.22											
* INCOMING HYDROGRAPH VOLUME	=	29.88 AC.FT.											
* HYDROGRAPH ADJUSTMENT FACTOR	=	1.00000											
* RUNOFF FACTOR	=	4.05 IN.											
* ADJUSTED HYDROGRAPH PEAK	=	427.22											
* ADJUSTED HYDROGRAPH VOLUME	=	29.88 AC.FT.											
* ADJ/FATTENED HYDROGRAPH PEAK	=	427.22											
* ADJ/FATTENED HYDROGRAPH VOLUME	=	71.53 AC.FT.											

* RESERVOIR ROUTING AT 475C *													
* INCOMING HYDROGRAPH PEAK	=	427.22											
* INCOMING HYDROGRAPH VOLUME	=	71.53 AC.FT.											
* HYDROGRAPH ADJUSTMENT FACTOR	=	1.00000											
* RESERVOIR INFLOW PEAK	=	427.22	TIME OF PEAK =	1156	VOLUME UNDER INFLOW	HYDROGRAPH =	71.53 AC.FT.						
* MAXIMUM ELEVATION	=	902.22	TIME	=	1167	SPILLAGE ELEVATION	=	902.48	DIFFERENCE =	-0.26			
* NO SPILLAGE													
* RESERVOIR OUTFLOW PEAK	=	225.91	TIME OF PEAK =	1167	VOLUME UNDER OUTFLOW	HYDROGRAPH =	67.33 AC.FT.						

2005 475C	0.	0.	212.	226.	0	0.	0.00000	0.00	0.00	0.	0	0	0.00
2005 476C	0.	0.	212.	226.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005 477C	38.	76.	250.	280.	2	787.	0.02800	0.00	0.00	0.	20	11	K10 0.23
2005 478C	0.	0.	250.	280.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00

* RESERVOIR ROUTING AT 478C *													
* INCOMING HYDROGRAPH PEAK	=	279.98											
* INCOMING HYDROGRAPH VOLUME	=	72.61 AC.FT.											
* HYDROGRAPH ADJUSTMENT FACTOR	=	1.00000											
* RESERVOIR INFLOW PEAK	=	279.98	TIME OF PEAK =	1160	VOLUME UNDER INFLOW	HYDROGRAPH =	72.61 AC.FT.						
* MAXIMUM ELEVATION	=	882.97	TIME	=	1219	SPILLAGE ELEVATION	=	884.25	DIFFERENCE =	-1.28			
* NO SPILLAGE													
* RESERVOIR OUTFLOW PEAK	=	171.83	TIME OF PEAK =	1219	VOLUME UNDER OUTFLOW	HYDROGRAPH =	68.87 AC.FT.						

2005 478C	0.	0.	250.	172.	0	0.	0.00000	0.00	0.00	0.	0	0	0.00
2005 479C	0.	0.	250.	172.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005 480C	30.	68.	280.	219.	0	0.	0.00000	0.00	0.00	0.	10	10	K10 0.21
2005 481C	44.	89.	324.	306.	0	0.	0.00000	0.00	0.00	0.	10	12	K10 0.15
2005 482C	0.	0.	324.	306.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00

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LOCATION	SUBAREA	AREA	Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
2005 483C	0.	0.	0.	324.	306.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 484E	48.	95.	48.	95.	4	1372.	0.05920	2.50	0.00	0.	20	11	K10	0.19	
2005 485E	45.	83.	93.	175.	4	1235.	0.03390	3.50	0.00	0.	20	12	K10	0.15	
2005 486E	26.	54.	119.	225.	0	0.	0.00000	0.00	0.00	0.	30	10	K10	0.38	
2005 487CE	119.	225.	443.	529.	2	961.	0.01890	0.00	0.00	0.	10	0	K10	0.00	
2005 488C	0.	0.	443.	526.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00	

* RESERVOIR ROUTING AT 488C *

* INCOMING HYDROGRAPH PEAK = 525.55 INCOMING HYDROGRAPH VOLUME = 95.98 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *

* RESERVOIR INFLOW PEAK = 525.55 TIME OF PEAK = 1159 VOLUME UNDER INFLOW HYDROGRAPH = 95.98 AC.FT. *

* MAXIMUM ELEVATION = 861.30 TIME = 1294 SPILLAGE ELEVATION = 865.25 DIFFERENCE = -3.95 *

* NO SPILLAGE *

* RESERVOIR OUTFLOW PEAK = 130.90 TIME OF PEAK = 1294 VOLUME UNDER OUTFLOW HYDROGRAPH = 89.10 AC.FT. *

2005 488C	0.	0.	443.	131.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
2005 489C	0.	0.	443.	131.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 490C	28.	57.	471.	166.	0	0.	0.00000	0.00	0.00	0.	30	10	K10	0.29
2005 491C	27.	57.	498.	222.	2	698.	0.02500	0.00	0.00	0.	20	10	K10	0.22
2005 492C	0.	0.	498.	221.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00

* RESERVOIR ROUTING AT 492C *

* INCOMING HYDROGRAPH PEAK = 221.07 INCOMING HYDROGRAPH VOLUME = 96.65 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 0.94000 *

* RESERVOIR INFLOW PEAK = 207.81 TIME OF PEAK = 1157 VOLUME UNDER INFLOW HYDROGRAPH = 90.85 AC.FT. *

* MAXIMUM ELEVATION = 839.60 TIME = 1164 SPILLAGE ELEVATION = 842.45 DIFFERENCE = -2.85 *

* NO SPILLAGE *

* RESERVOIR OUTFLOW PEAK = 148.95 TIME OF PEAK = 1164 VOLUME UNDER OUTFLOW HYDROGRAPH = 86.91 AC.FT. *

2005 492C	0.	0.	498.	149.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
2005 493C	0.	0.	498.	149.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 494C	0.	0.	498.	149.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 495D	76.	152.	76.	152.	4	1517.	0.02970	3.25	0.00	0.	10	12	K10	0.07
2005 496E	67.	135.	67.	135.	4	1147.	0.05860	2.75	0.00	0.	10	12	K10	0.14

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LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL			RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
2005 497E	31.	65.	98.	197.	0	0.	0.00000	0.00	0.00	0.	20	10	K10	0.21	
2005 498DE	98.	197.	174.	343.	4	881.	0.05940	4.00	0.00	0.	10	0	K10	0.00	
2005 499CD	174.	342.	672.	480.	4	599.	0.02180	5.50	0.00	0.	10	0	K10	0.00	
2005 500C	0.	0.	672.	479.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00	
2005 501E	37.	69.	37.	69.	4	917.	0.02750	2.50	0.00	0.	20	12	K10	0.17	
2005 502E	36.	66.	73.	133.	0	0.	0.00000	0.00	0.00	0.	30	11	K10	0.13	
2005 503CE	73.	133.	745.	606.	5	1134.	0.02330	8.00	0.00	0.	10	0	K10	0.00	
2005 504C	0.	0.	745.	604.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00	
2005 505C	66.	131.	811.	721.	0	0.	0.00000	0.00	0.00	0.	20	11	K10	0.22	
2005 506D	42.	85.	42.	85.	4	566.	0.04160	2.50	0.00	0.	10	12	K10	0.17	
2005 507CD	42.	85.	853.	802.	5	105.	0.04840	7.00	0.00	0.	10	0	K10	0.00	
2005 508C	29.	61.	882.	855.	5	834.	0.05710	7.00	0.00	0.	30	10	K10	0.43	
2005 509C	0.	0.	882.	854.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00	
2005 510D	30.	57.	30.	57.	2	1893.	0.05140	0.00	0.00	0.	10	13	K10	0.05	
2005 511D	55.	114.	85.	156.	0	0.	0.00000	0.00	0.00	0.	30	10	K10	0.38	
2005 512D	0.	0.	85.	156.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00	
2005 513E	48.	89.	48.	89.	4	976.	0.09780	2.25	0.00	0.	20	12	K10	0.15	
2005 514DE	48.	89.	133.	243.	4	263.	0.03010	4.00	0.00	0.	10	0	K10	0.00	
2005 515CD	133.	242.	1015.	1091.	5	917.	0.02990	9.00	0.00	0.	10	0	K10	0.00	
2005 516C	0.	0.	1015.	1088.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00	
2005 517C	0.	0.	1015.	1088.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00	
2005 518D	47.	90.	47.	90.	4	3156.	0.04520	2.50	0.00	0.	10	13	K10	0.05	
2005 519D	75.	139.	122.	213.	0	0.	0.00000	0.00	0.00	0.	30	11	K10	0.17	
2005 520CD	122.	213.	1137.	1296.	2	79.	0.03470	0.00	0.00	0.	10	0	K10	0.00	
2005 521D	78.	176.	78.	176.	4	985.	0.06750	3.00	0.00	0.	20	11	L10	0.18	
2005 522D	56.	129.	134.	303.	4	958.	0.08780	3.50	0.00	0.	20	11	L10	0.28	
2005 523D	38.	87.	172.	388.	4	2241.	0.09470	3.75	0.00	0.	20	11	L10	0.29	
2005 524D	58.	124.	230.	501.	0	0.	0.00000	0.00	0.00	0.	10	11	K10	0.27	
2005 525CD	230.	501.	1367.	1789.	2	1362.	0.00770	0.00	0.00	0.	10	0	K10	0.00	
2005 526E	24.	59.	24.	59.	2	751.	0.04430	0.00	0.00	0.	20	10	L10	0.29	
2005 527C	54.	97.	1421.	1829.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.21	
2005 528CE	24.	58.	1445.	1876.	5	551.	0.01400	12.00	0.00	0.	10	0	K10	0.00	
2005 529C	0.	0.	1445.	1872.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00	
2005 530D	69.	136.	69.	136.	4	1151.	0.01140	3.75	0.00	0.	20	11	K10	0.19	
2005 531D	31.	66.	100.	194.	0	0.	0.00000	0.00	0.00	0.	20	10	K10	0.26	
2005 532CD	100.	194.	1545.	2027.	0	0.	0.00000	0.00	0.00	0.	10	0	K10	0.00	
2005 533CE	0.	1087.	1545.	940.	5	704.	0.03750	8.00	0.00	940.	10	0	K10	0.00	
2005 533E	0.	0.	0.	1087.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00	

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*                               RESERVOIR ROUTING AT 533E                               *
* INCOMING HYDROGRAPH PEAK      = 1086.87      INCOMING HYDROGRAPH VOLUME      = 15.88 AC.FT.      *
* HYDROGRAPH ADJUSTMENT FACTOR = 0.91500                                           *
* RESERVOIR INFLOW PEAK = 994.48 TIME OF PEAK = 1161 VOLUME UNDER INFLOW HYDROGRAPH = 14.53 AC.FT.      *
* MAXIMUM ELEVATION      = 731.73 TIME      = 1171 SPILLAGE ELEVATION      = 739.60 DIFFERENCE = -7.87      *
* NO SPILLAGE                                                     *
* RESERVOIR OUTFLOW PEAK = 0.01 TIME OF PEAK = 1171 VOLUME UNDER OUTFLOW HYDROGRAPH = 0.00 AC.FT.      *
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LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
2005 533E	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	IMPV
2005 533E	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	L10 0.00

* CONFLUENCE Q'S *													
2005 534C TC 1154 QC	940. QCE	940. QE	0.	2005 534E TE 1171 QE	0. QEC	932. QC	932.						
2005 534C TC 1170 QCE	940. QC	940. QE	0.										

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
2005 534CE	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	IMPV
2005 534CE	0.	0.	1545.	940.	2	1393.	0.02050	0.00	0.00	0.	10	0	K10 0.00
2005 535C	62.	133.	1607.	1066.	2	1274.	0.04080	0.00	0.00	0.	20	12	L10 0.24
2005 536C	34.	90.	1641.	1136.	0	0.	0.00000	0.00	0.00	0.	20	9	L10 0.23
2005 537BC	1641.	1136.	4223.	3415.	5	83.	0.00770	17.00	0.00	0.	10	0	L10 0.00
2005 538D	26.	68.	26.	68.	4	250.	0.02160	2.75	0.00	0.	10	10	L10 0.26
2005 539BD	26.	68.	4249.	3476.	5	1551.	0.01660	15.00	0.00	0.	10	0	L10 0.00
2005 540B	65.	150.	4314.	3604.	0	0.	0.00000	0.00	0.00	0.	20	11	L10 0.32
2005 541B	0.	0.	4314.	3604.	0	0.	0.00000	0.00	0.00	0.	10	99	L10 0.00
2005 542C	55.	118.	55.	118.	0	0.	0.00000	0.00	0.00	0.	20	10	K10 0.35
2005 543BC	55.	118.	4369.	3705.	5	1285.	0.03060	14.00	0.00	0.	10	0	K10 0.00
2005 544D	58.	112.	58.	112.	3	965.	0.01350	0.00	0.00	0.	10	13	K10 0.19
2005 545D	31.	62.	89.	156.	0	0.	0.00000	0.00	0.00	0.	30	10	K10 0.25
2005 546BD	89.	156.	4458.	3851.	5	1521.	0.03520	14.00	0.00	0.	10	0	K10 0.00
2005 547B	48.	105.	4506.	3912.	0	0.	0.00000	0.00	0.00	0.	30	9	K10 0.32
2005 548B	0.	0.	4506.	3912.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005 549C	83.	141.	83.	141.	0	0.	0.00000	0.00	0.00	0.	10	16	K10 0.09
2005 550C	34.	57.	117.	198.	0	0.	0.00000	0.00	0.00	0.	10	16	K10 0.05
2005 551C	44.	74.	161.	272.	0	0.	0.00000	0.00	0.00	0.	10	16	K10 0.05
2005 552C	0.	0.	161.	272.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00

* HYDROGRAPH FATTENED AT 552C *													
* INCOMING HYDROGRAPH PEAK =	272.15			INCOMING HYDROGRAPH VOLUME =	19.29 AC.FT.								
* HYDROGRAPH ADJUSTMENT FACTOR =	1.00000			RUNOFF FACTOR =	3.52 IN.								
* ADJUSTED HYDROGRAPH PEAK =	272.15			ADJUSTED HYDROGRAPH VOLUME =	19.29 AC.FT.								
* ADJ/FATTENED HYDROGRAPH PEAK =	272.15			ADJ/FATTENED HYDROGRAPH VOLUME =	47.22 AC.FT.								

* RESERVOIR ROUTING AT 552C *													
* INCOMING HYDROGRAPH PEAK =	272.15			INCOMING HYDROGRAPH VOLUME =	47.22 AC.FT.								
* HYDROGRAPH ADJUSTMENT FACTOR =	1.00000												
* RESERVOIR INFLOW PEAK =	272.15	TIME OF PEAK =	1154	VOLUME UNDER INFLOW HYDROGRAPH =	47.22 AC.FT.								
* MAXIMUM ELEVATION =	731.89	TIME =	1158	SPILLAGE ELEVATION =	734.00	DIFFERENCE =	-2.11						
* NO SPILLAGE													
* RESERVOIR OUTFLOW PEAK =	268.06	TIME OF PEAK =	1158	VOLUME UNDER OUTFLOW HYDROGRAPH =	44.18 AC.FT.								

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THOUS.OAKS	SDSMP.ARR.	CONEJO,10-YR	DCL/DBT	9/06	FN=ARRCONBN.10I									
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME		ZONE	IMPV
2005 552C	0.	0.	161.	268.	4	2191.	0.03480	4.00	0.00	0.	10	0	K10	0.00
2005 553C	0.	0.	161.	266.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 554C	66.	109.	227.	368.	4	391.	0.01500	5.25	0.00	0.	20	15	K10	0.22
2005 555C	18.	39.	245.	395.	4	276.	0.00960	5.75	0.00	0.	30	9	K10	0.30
2005 556BC	245.	394.	4751.	4305.	5	2526.	0.01550	17.00	0.00	0.	10	0	K10	0.00
2005 557B	39.	61.	4790.	4322.	0	0.	0.00000	0.00	0.00	0.	30	15	K10	0.23
2005 558B	0.	0.	4790.	4322.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 559B	0.	0.	4790.	4322.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 560C	68.	118.	68.	118.	4	821.	0.03260	3.00	0.00	0.	20	14	K10	0.25
2005 561D	27.	52.	27.	52.	4	1300.	0.03410	2.25	0.00	0.	10	13	K10	0.10
2005 562D	71.	130.	98.	177.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.30
2005 563CD	98.	177.	166.	294.	4	1222.	0.02290	4.50	0.00	0.	10	0	K10	0.00
2005 564E	52.	92.	52.	92.	4	1534.	0.03460	2.75	0.00	0.	10	15	K10	0.08
2005 565E	32.	50.	84.	139.	0	0.	0.00000	0.00	0.00	0.	30	15	K10	0.25
2005 566CE	84.	139.	250.	431.	4	981.	0.02550	5.00	0.00	0.	10	0	K10	0.00
2005 567C	0.	0.	250.	429.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 568D	58.	128.	58.	128.	4	2017.	0.10390	2.50	0.00	0.	10	11	K10	0.57
2005 569D	66.	125.	124.	248.	5	953.	0.02780	5.00	0.00	0.	20	13	K10	0.49
2005 570D	0.	0.	124.	247.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 571D	0.	0.	124.	247.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 572D	35.	53.	159.	299.	0	0.	0.00000	0.00	0.00	0.	30	15	K10	0.12
2005 573CD	159.	299.	409.	724.	4	1380.	0.01450	6.75	0.00	0.	10	0	K10	0.00
2005 574D	63.	101.	63.	101.	4	829.	0.00850	3.75	0.00	0.	20	15	K10	0.10
2005 575D	72.	122.	135.	219.	0	0.	0.00000	0.00	0.00	0.	30	13	K10	0.21
2005 576CD	135.	219.	544.	925.	5	1490.	0.00700	11.00	0.00	0.	10	0	K10	0.00
2005 577E	38.	80.	38.	80.	4	1899.	0.02580	2.75	0.00	0.	10	11	K10	0.08
2005 578E	29.	43.	67.	119.	0	0.	0.00000	0.00	0.00	0.	40	16	K10	0.36
2005 579CE	67.	119.	611.	1028.	2	1405.	0.00280	0.00	0.00	0.	10	0	K10	0.00
2005 580C	56.	92.	667.	1006.	0	0.	0.00000	0.00	0.00	0.	20	16	K10	0.38
2005 581D	52.	93.	52.	93.	4	1172.	0.00420	4.00	0.00	0.	20	13	K10	0.21
2005 582CD	52.	89.	719.	1067.	5	1077.	0.00350	13.00	0.00	0.	10	0	K10	0.00
2005 583BC	719.	1056.	5509.	5094.	5	619.	0.00500	22.00	0.00	0.	10	0	K10	0.00
2005 584B	0.	0.	5509.	5093.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 585B	54.	94.	5563.	5161.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.25
2005 586B	0.	0.	5563.	5161.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 587B	76.	116.	5639.	5258.	5	478.	0.00220	25.00	0.00	0.	30	16	K10	0.28
2005 588B	45.	73.	5684.	5311.	0	0.	0.00000	0.00	0.00	0.	30	15	K10	0.36
2005 589C	45.	93.	45.	93.	4	2024.	0.03800	2.75	0.00	0.	10	14	L10	0.13
2005 590C	60.	100.	105.	187.	4	447.	0.04970	3.25	0.00	0.	30	13	K10	0.16
2005 591D	31.	59.	31.	59.	4	1850.	0.04370	2.25	0.00	0.	20	14	L10	0.14
2005 592D	42.	72.	73.	127.	4	461.	0.04520	3.00	0.00	0.	20	14	K10	0.18
2005 593CD	73.	127.	178.	313.	4	543.	0.02350	4.50	0.00	0.	10	0	K10	0.00
2005 594C	0.	0.	178.	313.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 595C	81.	147.	259.	452.	4	947.	0.03460	4.75	0.00	0.	30	12	K10	0.29
2005 596C	49.	85.	308.	530.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.25
2005 597D	96.	172.	96.	172.	4	1263.	0.03750	3.50	0.00	0.	20	13	K10	0.22
2005 598CD	96.	171.	404.	696.	5	1520.	0.00360	11.00	0.00	0.	10	0	K10	0.00
2005 599C	69.	118.	473.	788.	0	0.	0.00000	0.00	0.00	0.	30	13	K10	0.25
2005 600C	0.	0.	473.	788.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 601BC	473.	788.	6157.	6049.	5	1308.	0.00180	29.00	0.00	0.	10	0	K10	0.00

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LOCATION	SUBAREA	AREA	Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LGNTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
2005 602B	0.	0.	0.	6157.	6013.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 603B	56.	97.	0.	6213.	6049.	5	1154.	0.00200	29.00	0.00	0.	30	13	K10	0.29
2005 604B	38.	88.	0.	6251.	6033.	0	0.	0.00000	0.00	0.00	0.	20	9	K10	0.41
2005 605B	0.	0.	0.	6251.	6033.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 606C	42.	95.	0.	42.	95.	1	3019.	0.09240	0.00	0.00	0.	10	12	L10	0.05
2005 607C	62.	109.	0.	104.	175.	0	0.	0.00000	0.00	0.00	0.	20	16	L10	0.18
2005 608C	73.	139.	0.	177.	304.	1	2502.	0.05500	0.00	0.00	0.	10	16	L10	0.16
2005 609C	54.	88.	0.	231.	352.	4	1770.	0.01610	5.00	0.00	0.	20	15	K10	0.17
2005 610C	81.	157.	0.	312.	426.	0	0.	0.00000	0.00	0.00	0.	30	11	K10	0.33
2005 611BC	312.	426.	0.	6563.	6407.	5	1566.	0.00150	33.00	0.00	0.	10	0	K10	0.00
2005 612B	0.	0.	0.	6563.	6361.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 613C	51.	97.	0.	51.	97.	2	3879.	0.02610	0.00	0.00	0.	30	14	K10	0.76
2005 614C	44.	73.	0.	95.	133.	2	1740.	0.00340	0.00	0.00	0.	30	15	K10	0.44
2005 615C	54.	108.	0.	149.	158.	0	0.	0.00000	0.00	0.00	0.	20	12	K10	0.55
2005 616BC	149.	158.	0.	6712.	6487.	5	69.	0.00140	34.00	0.00	0.	10	0	K10	0.00
2005 617B	62.	116.	0.	6774.	6503.	0	0.	0.00000	0.00	0.00	0.	20	12	K10	0.21
2005 618B	0.	0.	0.	6774.	6503.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00

* HYDROGRAPH FATTENED AT 618B *

* INCOMING HYDROGRAPH PEAK = 6503.47 INCOMING HYDROGRAPH VOLUME = 1161.37 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 0.87200 RUNOFF FACTOR = 3.90 IN. *

* ADJUSTED HYDROGRAPH PEAK = 5671.03 ADJUSTED HYDROGRAPH VOLUME = 1012.71 AC.FT. *

* ADJ/FATTENED HYDROGRAPH PEAK = 5671.03 ADJ/FATTENED HYDROGRAPH VOLUME = 2200.50 AC.FT. *

* RESERVOIR ROUTING AT 618B *

* INCOMING HYDROGRAPH PEAK = 5671.03 INCOMING HYDROGRAPH VOLUME = 2200.50 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 0.87200 *

* RESERVOIR INFLOW PEAK = 5671.03 TIME OF PEAK = 1169 VOLUME UNDER INFLOW HYDROGRAPH = 2200.50 AC.FT. *

* MAXIMUM ELEVATION = 641.64 TIME = 1195 SPILLAGE ELEVATION = 642.40 DIFFERENCE = -0.76 *

* NO SPILLAGE *

* RESERVOIR OUTFLOW PEAK = 4554.20 TIME OF PEAK = 1195 VOLUME UNDER OUTFLOW HYDROGRAPH = 2078.04 AC.FT. *

2005 618B	0.	0.	0.	6774.	4554.	5	996.	0.00180	25.00	0.00	0.	10	0	K10	0.00
2005 619D	28.	48.	0.	28.	48.	3	2574.	0.03320	0.00	0.00	0.	10	16	K10	0.18
2005 620D	47.	75.	0.	75.	105.	4	1103.	0.01650	3.25	0.00	0.	20	16	K10	0.24
2005 621D	45.	83.	0.	120.	176.	5	444.	0.00690	6.00	0.00	0.	20	13	K10	0.36

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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 *****														
* 2005 622B TB 1197 QB	4554.	QBD	4574.	QD	20.	2005 622D TD 1160 QD	175.	QDB	3974.	QB	3799.			
***** 2005 622BD TBD 1196 QBD 4574. QB 4553. QD 21. *****														
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
2005 622BD	120.	175.	6894.	4574.	5	476.	0.01050	18.00	0.00	0.	10	0	K10	0.00
2005 623C	27.	49.	27.	49.	5	535.	0.00930	4.00	0.00	0.	30	14	K10	0.59
2005 624BC	27.	49.	6921.	4580.	5	48.	0.00850	19.00	0.00	0.	10	0	K10	0.00
2005 625D	29.	53.	29.	53.	4	1888.	0.05650	2.00	0.00	0.	20	13	K10	0.33
2005 626D	56.	103.	85.	151.	4	1206.	0.02080	3.50	0.00	0.	20	14	K10	0.52
2005 627D	46.	77.	131.	224.	5	1520.	0.00580	7.00	0.00	0.	20	16	K10	0.43
2005 628E	65.	103.	65.	103.	4	1646.	0.00940	3.50	0.00	0.	20	17	K10	0.36
2005 629E	52.	90.	117.	185.	0	0.	0.00000	0.00	0.00	0.	20	16	K10	0.61
2005 630DE	117.	185.	248.	403.	5	1437.	0.00680	8.00	0.00	0.	10	0	K10	0.00
2005 631D	91.	160.	339.	543.	5	493.	0.00300	11.00	0.00	0.	10	17	K10	0.69
2005 632E	50.	95.	50.	95.	4	1925.	0.00280	4.25	0.00	0.	10	15	K10	0.80
2005 633E	54.	102.	104.	179.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.74
2005 634DE	104.	179.	443.	715.	5	1199.	0.00360	11.00	0.00	0.	10	0	K10	0.00
2005 635BD	443.	710.	7364.	4876.	5	48.	0.00740	20.00	0.00	0.	10	0	K10	0.00
2005 636C	51.	97.	51.	97.	5	474.	0.00490	5.00	0.00	0.	10	15	K10	0.79
2005 637BC	51.	96.	7415.	4946.	5	1372.	0.01600	17.00	0.00	0.	10	0	K10	0.00
2005 638C	43.	76.	43.	76.	4	2249.	0.07390	2.25	0.00	0.	10	18	L10	0.11
2005 639C	81.	151.	124.	221.	0	0.	0.00000	0.00	0.00	0.	10	14	K10	0.22
2005 640C	0.	0.	124.	221.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
***** RESERVOIR ROUTING AT 640C *****														
* INCOMING HYDROGRAPH PEAK =	221.16					INCOMING HYDROGRAPH VOLUME =	22.53	AC.FT.						
* HYDROGRAPH ADJUSTMENT FACTOR =	1.00000													
* RESERVOIR INFLOW PEAK =	221.16	TIME OF PEAK =	1156	VOLUME UNDER INFLOW	HYDROGRAPH =	22.53	AC.FT.							
* MAXIMUM ELEVATION =	711.79	TIME =	1167	SPILLAGE ELEVATION =	718.00	DIFFERENCE =	-6.21							
* NO SPILLAGE														
* RESERVOIR OUTFLOW PEAK =	112.64	TIME OF PEAK =	1167	VOLUME UNDER OUTFLOW	HYDROGRAPH =	16.15	AC.FT.							

2005 640C	0.	0.	124.	113.	4	929.	0.09570	2.50	0.00	0.	10	0	K10	0.00
2005 641D	74.	114.	74.	114.	0	0.	0.00000	0.00	0.00	0.	20	16	K10	0.09
2005 642D	81.	160.	155.	274.	4	795.	0.04050	4.00	0.00	0.	10	15	L10	0.12
2005 643CD	155.	273.	279.	370.	4	2014.	0.01360	5.25	0.00	0.	10	0	L10	0.00
2005 644C	35.	59.	314.	419.	5	871.	0.01030	8.00	0.00	0.	20	15	K10	0.31
2005 645C	0.	0.	314.	418.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 646C	89.	165.	403.	560.	5	227.	0.02820	7.00	0.00	0.	30	12	K10	0.36

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THOUS.OAKS		SDSMP.ARR.CONEJO,10-YR	DCL/DBT 9/06 FN=ARRCONBN.10I											STORM DAY 4
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
2005	647BC	403.	560.	7818.	5374.	5	440.	0.04110	15.00	0.00	0.	10	0	K10 0.00
2005	648B	71.	165.	7889.	5411.	5	478.	0.06550	14.00	0.00	0.	10	10	K10 0.60
2005	649B	42.	85.	7931.	5459.	5	1261.	0.00350	24.00	0.00	0.	10	13	K10 0.67
2005	650B	58.	116.	7989.	5531.	0	0.	0.00000	0.00	0.00	0.	10	13	K10 0.53
2005	651C	51.	91.	51.	91.	4	178.	0.00960	3.50	0.00	0.	20	15	K10 0.57
2005	652BC	51.	91.	8040.	5611.	5	1500.	0.01790	18.00	0.00	0.	10	0	K10 0.00
2005	653C	78.	160.	78.	160.	1	1441.	0.09430	0.00	0.00	0.	10	14	L10 0.07
2005	654C	71.	137.	149.	284.	4	1757.	0.07520	3.50	0.00	0.	10	13	K10 0.15
2005	655C	48.	92.	197.	367.	1	1054.	0.10530	0.00	0.00	0.	20	12	K10 0.34
2005	656D	68.	126.	68.	126.	0	0.	0.00000	0.00	0.00	0.	20	12	K10 0.13
2005	657D	61.	108.	129.	234.	1	1219.	0.09210	0.00	0.00	0.	20	13	K10 0.17
2005	658CD	129.	227.	326.	585.	2	973.	0.02730	0.00	0.00	0.	10	0	K10 0.00
2005	659C	79.	145.	405.	706.	5	1301.	0.03910	7.00	0.00	0.	20	13	K10 0.32
2005	660C	83.	152.	488.	837.	5	237.	0.05630	7.00	0.00	0.	20	14	K10 0.51
2005	661BC	488.	836.	8528.	6419.	5	2230.	0.06010	15.00	0.00	0.	10	0	K10 0.00
2005	662B	70.	161.	8598.	6450.	0	0.	0.00000	0.00	0.00	0.	10	10	K10 0.43
2005	663B	0.	0.	8598.	6450.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005	664B	0.	0.	8598.	6450.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005	665B	0.	0.	8598.	6450.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005	666B	0.	0.	8598.	6450.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005	667B	0.	0.	8598.	6450.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005	668B	0.	0.	8598.	6450.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005	669B	0.	0.	8598.	6450.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00

* CONFLUENCE Q'S *
* 2005 670A TA 1166 QA 13736. QAB 20094. QB 6358. 2005 670B TB 1164 QB 6450. QBA 19767. QA 13317. *
* 2005 670AB TAB 1166 QAB 20094. QA 13736. QB 6358. *

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
2005	670AB	8598.	6450.	20956.	20094.	2	535.	0.12560	0.00	0.00	0.	10	0	K10 0.00
2005	671B	52.	105.	52.	105.	4	2748.	0.06310	2.50	0.00	0.	20	13	K10 0.80
2005	672B	66.	123.	118.	219.	0	0.	0.00000	0.00	0.00	0.	10	14	K10 0.23
2005	673AB	118.	219.	21074.	20215.	2	1025.	0.14170	0.00	0.00	0.	10	0	K10 0.00
2005	674A	0.	0.	21074.	20208.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005	675A	24.	44.	21098.	20216.	0	0.	0.00000	0.00	0.00	0.	20	12	K10 0.11
2005	676A	0.	0.	21098.	20216.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005	677A	51.	96.	21149.	20255.	0	0.	0.00000	0.00	0.00	0.	10	14	K10 0.35
2005	678A	64.	115.	21213.	20323.	2	2462.	0.18080	0.00	0.00	0.	10	15	K10 0.23
2005	679A	89.	168.	21302.	20361.	2	1472.	0.13430	0.00	0.00	0.	10	14	K10 0.35
2005	680A	73.	121.	21375.	20396.	2	206.	0.15080	0.00	0.00	0.	20	15	K10 0.24
2005	681B	0.	0.	0.	219.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005	682B	53.	94.	53.	94.	1	1401.	0.16430	0.00	0.00	0.	20	13	K10 0.18
2005	683B	47.	90.	100.	177.	1	386.	0.07640	0.00	0.00	0.	10	13	K10 0.13
2005	684AB	100.	177.	21475.	20506.	2	602.	0.11810	0.00	0.00	0.	10	0	K10 0.00
2005	685A	0.	0.	21475.	20487.	0	0.	0.00000	0.00	0.00	0.	10	99	K10 0.00
2005	686A	71.	131.	21546.	20537.	2	1066.	0.11950	0.00	0.00	0.	10	14	K10 0.12
2005	687B	51.	103.	51.	103.	4	2733.	0.02970	3.00	0.00	0.	20	13	K10 0.80
2005	688B	80.	154.	131.	244.	4	2280.	0.12730	3.00	0.00	0.	20	13	K10 0.56
2005	689AB	131.	243.	21677.	20677.	0	0.	0.00000	0.00	0.00	0.	20	0	K10 0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950														
THOUS.OAKS	SDSMP.ARR.	CONEJO,10-YR	DCL/DBT	9/06	FN=ARRCONBN.10I									
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	DAY 4
	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME		ZONE	PCT
2005 690A	56.	96.	21733.	20712.	2	1475.	0.10050	0.00	0.00	0.	20	14	K10	0.18
2005 691A	60.	106.	21793.	20734.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.12
2005 692B	0.	0.	0.	243.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 693B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 694B	52.	85.	52.	85.	1	2864.	0.15010	0.00	0.00	0.	20	15	K10	0.17
2005 695B	76.	125.	128.	191.	0	0.	0.00000	0.00	0.00	0.	10	17	K10	0.11
2005 696AB	128.	191.	21921.	20898.	2	1183.	0.13930	0.00	0.00	0.	10	0	K10	0.00
2005 697A	27.	48.	21948.	20915.	2	372.	0.08440	0.00	0.00	0.	10	15	K10	0.11
2005 698B	0.	0.	0.	191.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 699B	72.	127.	72.	127.	4	3500.	0.10410	2.50	0.00	0.	20	16	K10	0.69
2005 700B	83.	134.	155.	254.	0	0.	0.00000	0.00	0.00	0.	20	16	K10	0.31
2005 701AB	155.	254.	22103.	21099.	2	2372.	0.09290	0.00	0.00	0.	10	0	K10	0.00
2005 702A	50.	84.	22153.	21109.	2	450.	0.03140	0.00	0.00	0.	10	16	K10	0.06
2005 703A	0.	0.	22153.	21090.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 704A	28.	48.	22181.	21110.	2	45.	0.00550	0.00	0.00	0.	10	16	K10	0.27
2005 705B	43.	82.	43.	82.	1	1936.	0.13980	0.00	0.00	0.	20	14	K10	0.70
2005 706B	47.	82.	90.	154.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.48
2005 707AB	90.	154.	22271.	21201.	2	1839.	0.09500	0.00	0.00	0.	10	0	K10	0.00
2005 708A	0.	0.	22271.	21197.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 709A	57.	86.	22328.	21246.	0	0.	0.00000	0.00	0.00	0.	20	17	K10	0.16
2005 710B	0.	0.	0.	154.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 711B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 712B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 713B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 714B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 715B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 716B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 717B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 718B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 719B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 720B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 721B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 722B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 723B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 724B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 725B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 726B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 727B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 728B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 729B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 730B	64.	98.	64.	98.	0	0.	0.00000	0.00	0.00	0.	20	17	K10	0.23
2005 731B	32.	49.	96.	147.	4	708.	0.07630	2.75	0.00	0.	20	17	K10	0.25
2005 732B	37.	80.	133.	226.	4	2725.	0.05230	3.50	0.00	0.	10	11	K10	0.31
2005 733B	83.	133.	216.	349.	4	666.	0.02500	4.75	0.00	0.	20	16	K10	0.26
2005 734B	45.	78.	261.	422.	0	0.	0.00000	0.00	0.00	0.	30	14	K10	0.41
2005 735C	37.	61.	37.	61.	4	1500.	0.01800	2.75	0.00	0.	30	14	K10	0.26
2005 736BC	37.	59.	298.	481.	4	744.	0.02970	5.00	0.00	0.	30	0	K10	0.00
2005 737B	0.	0.	298.	479.	0	0.	0.00000	0.00	0.00	0.	30	99	K10	0.00
2005 738B	54.	93.	352.	566.	4	1742.	0.01900	6.00	0.00	0.	40	14	K10	0.53
2005 739B	32.	58.	384.	609.	5	1660.	0.01720	8.00	0.00	0.	30	13	K10	0.43

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950														
THOUS.OAKS	SDSMP.ARR.	CONEJO,10-YR	DCL/DBT	9/06	FN=ARRCONBN.10I								STORM	DAY 4
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME		ZONE	IMPV
2005 740C	0.	0.	0.	59.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 741C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 742C	48.	91.	48.	91.	4	2624.	0.04560	2.50	0.00	0.	10	14	K10	0.40
2005 743C	70.	120.	118.	202.	5	1599.	0.02570	5.00	0.00	0.	20	15	K10	0.38
2005 744C	29.	64.	147.	250.	0	0.	0.00000	0.00	0.00	0.	30	9	K10	0.32
2005 745BC	147.	250.	531.	815.	5	1057.	0.02310	8.00	0.00	0.	10	0	K10	0.00
2005 746B	0.	0.	531.	814.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 747B	78.	135.	609.	935.	5	943.	0.02710	8.00	0.00	0.	10	16	K10	0.25
2005 748B	60.	117.	669.	1027.	5	2288.	0.02150	8.00	0.00	0.	10	13	K10	0.31
2005 749B	36.	82.	705.	1036.	0	0.	0.00000	0.00	0.00	0.	10	10	K10	0.32
2005 750B	44.	107.	749.	1058.	0	0.	0.00000	0.00	0.00	0.	10	9	K10	0.25
2005 751C	0.	0.	0.	250.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 752C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 753C	71.	136.	71.	136.	4	1286.	0.08270	2.75	0.00	0.	10	13	K10	0.11
2005 754C	61.	119.	132.	253.	5	3538.	0.04350	5.00	0.00	0.	10	13	K10	0.30
2005 755C	44.	79.	176.	319.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.29
2005 756D	0.	0.	0.	227.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 757D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 758D	48.	82.	48.	82.	4	2492.	0.04080	2.50	0.00	0.	10	16	K10	0.15
2005 759D	71.	133.	119.	206.	2	2047.	0.04020	0.00	0.00	0.	10	14	K10	0.27
2005 760D	42.	79.	161.	272.	0	0.	0.00000	0.00	0.00	0.	10	14	K10	0.34
2005 761CD	161.	272.	337.	589.	5	200.	0.00840	9.00	0.00	0.	10	0	K10	0.00
2005 762C	48.	80.	385.	664.	0	0.	0.00000	0.00	0.00	0.	10	17	K10	0.26
2005 763C	23.	45.	408.	706.	2	1588.	0.02120	0.00	0.00	0.	10	13	K10	0.25
2005 764C	0.	0.	408.	696.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 765C	80.	130.	488.	815.	0	0.	0.00000	0.00	0.00	0.	10	18	K10	0.33
2005 766BC	488.	815.	1237.	1868.	5	1307.	0.02110	12.00	0.00	0.	10	0	K10	0.00
2005 767B	0.	0.	1237.	1865.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 768B	55.	125.	1292.	1894.	5	1832.	0.05930	10.00	0.00	0.	10	10	K10	0.29
2005 769B	26.	59.	1318.	1903.	0	0.	0.00000	0.00	0.00	0.	10	10	K10	0.19
2005 770C	0.	0.	0.	815.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 771C	72.	124.	72.	124.	4	1765.	0.01960	3.50	0.00	0.	10	16	K10	0.25
2005 772C	54.	111.	126.	228.	4	1646.	0.05100	3.50	0.00	0.	10	12	K10	0.37
2005 773C	33.	64.	159.	287.	0	0.	0.00000	0.00	0.00	0.	10	13	K10	0.25
2005 774BC	159.	287.	1477.	2169.	5	1782.	0.06510	10.00	0.00	0.	10	0	K10	0.00
2005 775B	0.	0.	1477.	2164.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 776B	83.	139.	1560.	2289.	5	1046.	0.02980	12.00	0.00	0.	10	17	K10	0.29
2005 777C	56.	109.	56.	109.	4	1858.	0.05970	2.75	0.00	0.	10	13	K10	0.29
2005 778C	56.	96.	112.	202.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.22
2005 779BC	112.	202.	1672.	2452.	2	2272.	0.08960	0.00	0.00	0.	10	0	K10	0.00
2005 780B	0.	0.	1672.	2439.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 781B	71.	127.	1743.	2539.	2	1043.	0.14910	0.00	0.00	0.	10	15	K10	0.24
2005 782B	55.	99.	1798.	2606.	2	226.	0.04660	0.00	0.00	0.	10	15	K10	0.25
2005 783C	0.	0.	0.	202.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 784C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 785C	60.	108.	60.	108.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.25
2005 786C	33.	59.	93.	167.	2	1120.	0.07830	0.00	0.00	0.	10	15	K10	0.25
2005 787D	46.	83.	46.	83.	4	880.	0.04320	2.50	0.00	0.	10	15	K10	0.29
2005 788CD	46.	83.	139.	248.	5	203.	0.04240	5.00	0.00	0.	10	0	K10	0.00
2005 789C	71.	119.	210.	365.	5	1463.	0.08550	5.00	0.00	0.	10	17	K10	0.26

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950														
THOUS.OAKS	SDSMP.ARR.	CONEJO,10-YR	DCL/DBT	9/06	FN=ARRCONBN.10I								STORM	DAY 4
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME		ZONE	IMPV
2005 790C	64.	124.	274.	484.	5	1540.	0.05180	5.00	0.00	0.	10	13	K10	0.24
2005 791C	73.	137.	347.	612.	5	690.	0.03390	7.00	0.00	0.	10	14	K10	0.28
2005 792C	51.	92.	398.	700.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.32
2005 793D	0.	0.	0.	83.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 794D	53.	105.	53.	105.	4	2544.	0.08000	2.50	0.00	0.	10	13	K10	0.42
2005 795D	56.	105.	109.	204.	0	0.	0.00000	0.00	0.00	0.	10	14	K10	0.28
2005 796CD	109.	204.	507.	902.	5	1898.	0.02590	9.00	0.00	0.	10	0	K10	0.00
2005 797C	66.	118.	573.	1008.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.25
2005 798C	61.	102.	634.	1106.	2	2164.	0.11000	0.00	0.00	0.	10	17	K10	0.28
2005 799D	0.	0.	0.	204.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 800D	87.	163.	87.	163.	4	474.	0.03320	3.50	0.00	0.	10	14	K10	0.26
2005 801E	0.	0.	0.	179.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 802E	48.	75.	48.	75.	0	0.	0.00000	0.00	0.00	0.	20	16	K10	0.17
2005 803E	35.	62.	83.	137.	4	1859.	0.07260	2.75	0.00	0.	10	15	K10	0.17
2005 804E	55.	91.	138.	226.	0	0.	0.00000	0.00	0.00	0.	10	17	K10	0.21
2005 805DE	138.	226.	225.	387.	5	757.	0.15670	5.00	0.00	0.	10	0	K10	0.00
2005 806D	0.	0.	225.	386.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 807D	35.	72.	260.	456.	2	2914.	0.13380	0.00	0.00	0.	10	12	K10	0.40
2005 808D	49.	98.	309.	542.	0	0.	0.00000	0.00	0.00	0.	10	12	K10	0.05
2005 809CD	309.	542.	943.	1628.	2	151.	0.12100	0.00	0.00	0.	10	0	K10	0.00
2005 810C	55.	98.	998.	1717.	2	1424.	0.14940	0.00	0.00	0.	10	15	K10	0.18
2005 811C	41.	86.	1039.	1779.	0	0.	0.00000	0.00	0.00	0.	10	11	K10	0.06
2005 812BC	1039.	1779.	2837.	4286.	2	1006.	0.13070	0.00	0.00	0.	10	0	K10	0.00
2005 813B	0.	0.	2837.	4279.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 814B	62.	109.	2899.	4366.	2	712.	0.12630	0.00	0.00	0.	10	15	K10	0.06
2005 815B	84.	121.	2983.	4471.	2	643.	0.10210	0.00	0.00	0.	20	18	K10	0.10
2005 816B	66.	101.	3049.	4555.	2	390.	0.08290	0.00	0.00	0.	20	16	K10	0.09
2005 817B	34.	61.	3083.	4601.	2	929.	0.09950	0.00	0.00	0.	10	15	K10	0.22
2005 818B	39.	75.	3122.	4609.	0	0.	0.00000	0.00	0.00	0.	20	11	K10	0.09
2005 819C	0.	0.	0.	1779.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 820C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 821C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 822C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 823C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 824C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 825C	31.	66.	31.	66.	4	2081.	0.04790	2.25	0.00	0.	10	11	K10	0.20
2005 826C	59.	126.	90.	184.	0	0.	0.00000	0.00	0.00	0.	10	11	K10	0.21
2005 827C	78.	159.	168.	339.	4	1196.	0.09370	3.75	0.00	0.	10	12	K10	0.25
2005 828C	41.	83.	209.	419.	4	1059.	0.06980	4.25	0.00	0.	10	12	K10	0.21
2005 829C	44.	94.	253.	508.	4	1633.	0.04200	5.00	0.00	0.	10	11	K10	0.20
2005 830C	62.	107.	315.	609.	5	1033.	0.01270	9.00	0.00	0.	10	16	K10	0.24
2005 831C	47.	101.	362.	695.	5	616.	0.02170	8.00	0.00	0.	10	11	K10	0.29
2005 832D	0.	0.	0.	542.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 833D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 834D	86.	155.	86.	155.	4	1780.	0.03450	3.25	0.00	0.	10	15	K10	0.27
2005 835D	59.	110.	145.	258.	5	613.	0.03380	5.00	0.00	0.	10	14	K10	0.25
2005 836CD	145.	258.	507.	949.	2	1361.	0.02720	0.00	0.00	0.	10	0	K10	0.00
2005 837C	0.	0.	507.	942.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 838C	90.	178.	597.	1096.	5	253.	0.01800	10.00	0.00	0.	10	13	K10	0.39
2005 839D	45.	80.	45.	80.	4	2219.	0.04300	2.50	0.00	0.	20	13	K10	0.17

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950														
THOUS.OAKS	SDSMP.ARR.	CONEJO,10-YR	DCL/DBT	9/06	FN=ARRCONBN.10I									
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME		ZONE	IMPV
2005 840D	55.	91.	100.	165.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.22
2005 841D	47.	91.	147.	253.	2	1144.	0.01880	0.00	0.00	0.	10	13	K10	0.22
2005 842D	45.	79.	192.	324.	2	1670.	0.02210	0.00	0.00	0.	10	16	K10	0.38
2005 843D	60.	108.	252.	407.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.31
2005 844E	30.	59.	30.	59.	0	0.	0.00000	0.00	0.00	0.	10	13	K10	0.42
2005 845DE	30.	59.	282.	454.	2	80.	0.02300	0.00	0.00	0.	10	0	K10	0.00
2005 846CD	282.	453.	879.	1544.	2	754.	0.02260	0.00	0.00	0.	10	0	K10	0.00
2005 847D	64.	105.	64.	105.	1	1229.	0.03170	0.00	0.00	0.	10	17	K10	0.15
2005 848D	54.	102.	118.	186.	1	936.	0.03920	0.00	0.00	0.	20	12	K10	0.25
2005 849CD	118.	182.	997.	1720.	2	945.	0.04190	0.00	0.00	0.	10	0	K10	0.00
2005 850C	0.	0.	997.	1713.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 851C	88.	159.	1085.	1831.	5	1600.	0.03340	10.00	0.00	0.	20	13	K10	0.25
2005 852D	47.	106.	47.	106.	0	0.	0.00000	0.00	0.00	0.	10	10	K10	0.14
2005 853D	41.	83.	88.	188.	4	1162.	0.06180	3.25	0.00	0.	10	12	K10	0.17
2005 854CD	88.	187.	1173.	1913.	0	0.	0.00000	0.00	0.00	0.	10	0	K10	0.00
2005 855C	72.	134.	1245.	2020.	5	1383.	0.05550	10.00	0.00	0.	10	14	K10	0.18
2005 856C	54.	101.	1299.	2087.	0	0.	0.00000	0.00	0.00	0.	10	14	K10	0.25
2005 857C	44.	79.	1343.	2154.	5	871.	0.05360	10.00	0.00	0.	10	15	K10	0.27
2005 858C	66.	123.	1409.	2240.	1	1804.	0.15500	0.00	0.00	0.	10	14	K10	0.20
2005 859C	43.	83.	1452.	2263.	0	0.	0.00000	0.00	0.00	0.	10	13	K10	0.20
2005 860D	82.	127.	82.	127.	0	0.	0.00000	0.00	0.00	0.	20	16	K10	0.11
2005 861CD	82.	127.	1534.	2369.	1	1629.	0.11940	0.00	0.00	0.	20	0	K10	0.00
2005 862C	0.	0.	1534.	2354.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00
2005 863C	0.	0.	1534.	2354.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00
2005 864C	76.	111.	1610.	2439.	0	0.	0.00000	0.00	0.00	0.	20	17	K10	0.05
2005 865BC	1610.	2439.	4732.	7036.	1	618.	0.04910	0.00	0.00	0.	20	0	K10	0.00
2005 866C	0.	0.	0.	2439.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 867C	62.	103.	62.	103.	1	1213.	0.13470	0.00	0.00	0.	20	14	K10	0.05
2005 868C	44.	70.	106.	167.	1	1067.	0.13720	0.00	0.00	0.	20	15	K10	0.05
2005 869BC	106.	165.	4838.	7166.	1	784.	0.12130	0.00	0.00	0.	10	0	K10	0.00
2005 870B	48.	107.	4886.	7177.	1	1865.	0.18470	0.00	0.00	0.	10	10	K10	0.08
2005 871B	62.	124.	4948.	7180.	2	1256.	0.11110	0.00	0.00	0.	10	12	K10	0.05
2005 872B	0.	0.	4948.	7176.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 873B	47.	99.	4995.	7194.	2	585.	0.08120	0.00	0.00	0.	10	11	K10	0.05
2005 874B	53.	93.	5048.	7220.	2	1004.	0.05060	0.00	0.00	0.	10	15	K10	0.05
2005 875B	63.	111.	5111.	7239.	5	1114.	0.04190	17.00	0.00	0.	10	15	K10	0.07
2005 876B	44.	81.	5155.	7247.	0	0.	0.00000	0.00	0.00	0.	20	12	K10	0.13
2005 877B	58.	102.	5213.	7273.	2	1518.	0.02050	0.00	0.00	0.	10	15	K10	0.09
2005 878B	54.	88.	5267.	7265.	0	0.	0.00000	0.00	0.00	0.	40	12	K10	0.14
2005 879AB	5267.	7265.	27595.	28489.	2	1463.	0.02630	0.00	0.00	0.	40	0	K10	0.00
2005 880C	0.	0.	0.	165.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 881C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 882C	62.	115.	62.	115.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.79
2005 883C	60.	110.	122.	226.	1	2333.	0.11950	0.00	0.00	0.	20	13	K10	0.33
2005 884C	39.	75.	161.	283.	0	0.	0.00000	0.00	0.00	0.	10	13	K10	0.14
2005 885C	0.	0.	161.	283.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 886D	62.	120.	62.	120.	1	2044.	0.14900	0.00	0.00	0.	10	13	K10	0.21
2005 887D	46.	80.	108.	187.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.09
2005 888CD	108.	187.	269.	470.	1	276.	0.12010	0.00	0.00	0.	20	0	K10	0.00
2005 889C	0.	0.	269.	470.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00

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THOUS.OAKS	SDSMP.ARR.	CONEJO,10-YR	DCL/DBT	9/06 FN=ARRCONBN.10I									STORM DAY 4	
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
2005 890D	45.	73.	45.	73.	1	1388.	0.11780	0.00	0.00	0.	10	17	K10	0.07
2005 891D	78.	132.	123.	197.	1	1359.	0.09890	0.00	0.00	0.	10	16	K10	0.06
2005 892D	45.	82.	168.	269.	1	199.	0.05710	0.00	0.00	0.	10	14	K10	0.05
2005 893D	64.	104.	232.	368.	0	0.	0.00000	0.00	0.00	0.	10	17	K10	0.08
2005 894CD	232.	368.	501.	837.	1	997.	0.12340	0.00	0.00	0.	10	0	K10	0.00
2005 895D	0.	0.	0.	368.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 896D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 897D	37.	63.	37.	63.	1	1644.	0.13530	0.00	0.00	0.	10	16	K10	0.17
2005 898CD	37.	61.	538.	894.	1	701.	0.08970	0.00	0.00	0.	10	0	K10	0.00
2005 899C	64.	153.	602.	957.	0	0.	0.00000	0.00	0.00	0.	10	9	K10	0.07
2005 900D	40.	66.	40.	66.	1	1939.	0.12540	0.00	0.00	0.	20	15	K10	0.22
2005 901D	66.	109.	106.	164.	0	0.	0.00000	0.00	0.00	0.	10	17	K10	0.17
2005 902E	80.	126.	80.	126.	1	1045.	0.13680	0.00	0.00	0.	20	16	K10	0.20
2005 903E	74.	111.	154.	234.	0	0.	0.00000	0.00	0.00	0.	20	17	K10	0.15
2005 904DE	154.	234.	260.	395.	1	1027.	0.13630	0.00	0.00	0.	20	0	K10	0.00
2005 905D	72.	107.	332.	497.	0	0.	0.00000	0.00	0.00	0.	20	17	K10	0.12
2005 906CD	332.	497.	934.	1454.	1	1160.	0.05060	0.00	0.00	0.	10	0	K10	0.00
2005 907C	0.	0.	934.	1440.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 908C	0.	0.	934.	1440.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 909C	42.	84.	976.	1503.	2	1203.	0.03840	0.00	0.00	0.	10	12	K10	0.07
2005 910D	67.	133.	67.	133.	1	2544.	0.10910	0.00	0.00	0.	20	13	K10	0.73
2005 911D	50.	76.	117.	192.	0	0.	0.00000	0.00	0.00	0.	20	16	K10	0.06
2005 912CD	117.	192.	1093.	1688.	2	667.	0.02810	0.00	0.00	0.	20	0	K10	0.00
2005 913C	76.	126.	1169.	1780.	0	0.	0.00000	0.00	0.00	0.	20	14	K10	0.06
2005 914AC	1169.	1780.	28764.	29941.	2	1212.	0.02670	0.00	0.00	0.	20	0	K10	0.00
2005 915A	0.	0.	28764.	29930.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00
2005 916A	0.	0.	28764.	29930.	0	0.	0.00000	0.00	0.00	0.	20	99	K10	0.00
2005 917A	51.	75.	28815.	29941.	2	1111.	0.03270	0.00	0.00	0.	30	15	K10	0.05
2005 918A	62.	103.	28877.	29916.	2	517.	0.04870	0.00	0.00	0.	20	14	K10	0.05
2005 919A	45.	75.	28922.	29925.	2	933.	0.01270	0.00	0.00	0.	20	14	K10	0.05
2005 920A	57.	95.	28979.	29897.	2	923.	0.05680	0.00	0.00	0.	20	14	K10	0.05
2005 921A	38.	73.	29017.	29881.	2	705.	0.05660	0.00	0.00	0.	20	11	K10	0.05
2005 922A	44.	97.	29061.	29885.	2	1587.	0.13380	0.00	0.00	0.	20	9	K10	0.05
2005 923A	80.	179.	29141.	29892.	0	0.	0.00000	0.00	0.00	0.	10	10	K10	0.05

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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
2005 1000A	42.	72.	42.	72.	4	940.	0.11030	2.00	0.00	0.	30	13	K10	0.24
2005 1001A	103.	166.	145.	237.	2	1615.	0.08480	0.00	0.00	0.	20	15	K10	0.12
2005 1002A	89.	156.	234.	384.	4	1056.	0.11090	3.75	0.00	0.	20	13	K10	0.10
2005 1003A	61.	107.	295.	486.	4	1127.	0.03790	5.00	0.00	0.	20	13	K10	0.11
2005 1004B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	30	99	K10	0.00
2005 1005B	74.	140.	74.	140.	2	3241.	0.06890	0.00	0.00	0.	20	12	K10	0.26
2005 1006B	86.	147.	160.	267.	0	0.	0.00000	0.00	0.00	0.	10	16	K10	0.19
2005 1007AB	160.	267.	455.	749.	2	707.	0.03430	0.00	0.00	0.	10	0	K10	0.00
2005 1008B	0.	0.	0.	267.	0	0.	0.00000	0.00	0.00	0.	30	99	K10	0.00
2005 1009B	83.	147.	83.	147.	0	0.	0.00000	0.00	0.00	0.	20	13	K10	0.15
2005 1010C	44.	79.	44.	79.	2	1624.	0.09250	0.00	0.00	0.	10	15	K10	0.22
2005 1011C	39.	64.	83.	138.	0	0.	0.00000	0.00	0.00	0.	20	15	K10	0.20
2005 1012BC	83.	138.	166.	280.	2	1346.	0.06060	0.00	0.00	0.	10	0	K10	0.00
2005 1013B	0.	0.	166.	279.	0	0.	0.00000	0.00	0.00	0.	30	99	K10	0.00
2005 1014B	53.	91.	219.	366.	0	0.	0.00000	0.00	0.00	0.	10	16	K10	0.16
2005 1015B	68.	127.	287.	489.	2	1617.	0.05610	0.00	0.00	0.	10	14	K10	0.26
2005 1016B	37.	83.	324.	555.	0	0.	0.00000	0.00	0.00	0.	10	10	K10	0.19
2005 1017AB	324.	555.	779.	1299.	1	1846.	0.07220	0.00	0.00	0.	10	0	K10	0.00
2005 1018B	0.	0.	0.	555.	0	0.	0.00000	0.00	0.00	0.	30	99	K10	0.00
2005 1019B	63.	100.	63.	100.	2	1258.	0.06760	0.00	0.00	0.	20	15	K10	0.05
2005 1020A	69.	121.	848.	1387.	0	0.	0.00000	0.00	0.00	0.	10	15	K10	0.07
2005 1021AB	63.	98.	911.	1481.	1	963.	0.05900	0.00	0.00	0.	10	0	K10	0.00
2005 1022B	66.	110.	66.	110.	1	1340.	0.12880	0.00	0.00	0.	30	13	K10	0.15
2005 1023B	67.	102.	133.	205.	4	1478.	0.08130	3.25	0.00	0.	20	16	K10	0.07
2005 1024B	42.	84.	175.	282.	0	0.	0.00000	0.00	0.00	0.	10	12	K10	0.11
2005 1025AB	175.	282.	1086.	1718.	2	1337.	0.04240	0.00	0.00	0.	10	0	K10	0.00
2005 1026A	0.	0.	1086.	1709.	0	0.	0.00000	0.00	0.00	0.	30	99	K10	0.00
2005 1027A	74.	137.	1160.	1809.	0	0.	0.00000	0.00	0.00	0.	10	14	K10	0.18
2005 1028A	46.	60.	1206.	1835.	1	463.	0.03000	0.00	0.00	0.	10	12	J10	0.09
2005 1029A	0.	0.	1206.	1829.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1030A	0.	0.	1206.	1829.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1031A	0.	0.	1206.	1829.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1032B	74.	58.	74.	58.	1	2696.	0.06110	0.00	0.00	0.	20	25	J10	0.10
2005 1033B	103.	89.	177.	132.	0	0.	0.00000	0.00	0.00	0.	10	26	J10	0.05
2005 1034C	45.	54.	45.	54.	1	1822.	0.04830	0.00	0.00	0.	10	15	J10	0.15
2005 1035C	110.	97.	155.	140.	0	0.	0.00000	0.00	0.00	0.	10	25	J10	0.05
2005 1036BC	155.	140.	332.	271.	2	897.	0.02430	0.00	0.00	0.	10	0	J10	0.00
2005 1037B	96.	110.	428.	348.	2	990.	0.01000	0.00	0.00	0.	10	16	J10	0.05
2005 1038C	113.	78.	113.	78.	0	0.	0.00000	0.00	0.00	0.	20	30	J10	0.07
2005 1039C	0.	0.	113.	78.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00

*
* CONFLUENCE Q'S *
* 2005 1040B TB 1166 QB 346. QBC 421. QC 75. 2005 1040C TC 1158 QC 78. QCB 385. QB 307. *
* 2005 1040BC TBC 1166 QBC 421. QB 346. QC 75. *

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
2005 1040BC	113.	78.	541.	421.	5	415.	0.00800	11.00	0.00	0.	10	0	J10	0.00
2005 1041B	24.	32.	565.	427.	5	1305.	0.00800	9.00	1.50	0.	10	11	J10	0.05
2005 1042B	0.	0.	565.	425.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00

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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
2005 1043AB	565.	425.	1771.	2239.	5	978.	0.00800	5.00	2.00	0.	10	0	J10	0.00
2005 1044A	56.	60.	1827.	2264.	0	0.	0.00000	0.00	0.00	0.	10	18	J10	0.07
2005 1045A	0.	0.	1827.	2264.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1046A	0.	0.	1827.	2264.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1047A	0.	0.	1827.	2264.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1048A	0.	0.	1827.	2264.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1049A	0.	0.	1827.	2264.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1050B	78.	84.	78.	84.	1	636.	0.02500	0.00	0.00	0.	10	18	J10	0.07
2005 1051C	24.	33.	24.	33.	1	55.	0.06670	0.00	0.00	0.	10	11	J10	0.07
2005 1052BC	24.	33.	102.	109.	1	465.	0.02500	0.00	0.00	0.	10	0	J10	0.00
2005 1053B	64.	73.	166.	172.	1	859.	0.00100	0.00	0.00	0.	10	16	J10	0.06
2005 1054C	24.	34.	24.	34.	0	0.	0.00000	0.00	0.00	0.	10	10	J10	0.12
2005 1055BC	24.	34.	190.	130.	1	268.	0.00100	0.00	0.00	0.	10	0	J10	0.00
2005 1056B	73.	69.	263.	138.	1	675.	0.00770	0.00	0.00	0.	10	22	J10	0.02
2005 1057B	28.	38.	291.	145.	1	1514.	0.02000	0.00	0.00	0.	10	11	J10	0.09
2005 1058B	0.	0.	291.	141.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1059B	0.	0.	291.	141.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1060C	29.	37.	29.	37.	0	0.	0.00000	0.00	0.00	0.	10	13	J10	0.14
2005 1061BC	29.	37.	320.	148.	0	0.	0.00000	0.00	0.00	0.	10	0	J10	0.00
2005 1062B	0.	0.	320.	148.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1063B	0.	0.	320.	148.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1064B	0.	0.	320.	148.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1065B	0.	0.	320.	148.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1066B	0.	0.	320.	148.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1067B	0.	0.	320.	148.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1068B	0.	0.	320.	148.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1069B	0.	0.	320.	148.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1070E	64.	77.	64.	77.	1	1509.	0.03637	0.00	0.00	0.	10	15	J10	0.11
2005 1071E	91.	108.	155.	158.	1	1747.	0.03611	0.00	0.00	0.	10	15	J10	0.05
2005 1072E	38.	40.	193.	174.	0	0.	0.00000	0.00	0.00	0.	20	15	J10	0.05
2005 1073D	40.	47.	40.	47.	1	1321.	0.06250	0.00	0.00	0.	10	15	J10	0.02
2005 1074D	63.	79.	103.	112.	1	1775.	0.03125	0.00	0.00	0.	10	13	J10	0.02
2005 1075D	54.	61.	157.	134.	0	0.	0.00000	0.00	0.00	0.	20	13	J10	0.04

*
* CONFLUENCE Q'S *
* 2005 1076D TD 1161 QD 134. QDE 300. QE 166. 2005 1076E TE 1163 QE 174. QED 305. QD 131. *
* 2005 1076DE TDE 1163 QDE 305. QD 131. QE 174. *

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
2005 1076DE	193.	174.	350.	305.	0	0.	0.00000	0.00	0.00	0.	10	0	J10	0.00
2005 1077D	0.	0.	350.	305.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1078D	22.	31.	372.	310.	5	1308.	0.02692	2.00	2.00	0.	20	8	J10	0.10
2005 1079D	0.	0.	372.	308.	0	0.	0.00000	0.00	0.00	0.	10	99	J10	0.00
2005 1080D	23.	31.	395.	313.	0	0.	0.00000	0.00	0.00	0.	20	9	J10	0.10
2005 1081E	43.	58.	43.	58.	1	1909.	0.03610	0.00	0.00	0.	10	11	J10	0.05
2005 1082E	72.	89.	115.	110.	0	0.	0.00000	0.00	0.00	0.	20	11	J10	0.12

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SANTA ROSA VLY-DBT/DCL 3/2006- Q10 F

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
***** CONFLUENCE Q'S *****														
* 2005 1083D	TD 1164	QD	313. QDE	382. QE	70.	2005 1083E	TE 1158	QE	110. QED	393. QD	283.			
* 2005 1083DE	TDE 1159	QDE	400. QD	293. QE	108.									

2005 1083DE	115.	110.	510.	400.	0	0.	0.00000	0.00	0.00	0.	10	0	J10	0.00
2005 1084D	40.	50.	550.	441.	5	1749.	0.02059	2.00	2.00	0.	20	11	J10	0.15
2005 1085D	0.	0.	550.	428.	0	0.	0.00000	0.00	0.00	0.	20	99	J10	0.00
2005 1086D	43.	63.	593.	449.	0	0.	0.00000	0.00	0.00	0.	10	9	J10	0.10

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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
2005 1513A	59.	108.	59.	108.	1	2015.	0.11180	0.00	0.00	0.	10	14	K10	0.05
2005 1514A	74.	131.	133.	222.	1	885.	0.02460	0.00	0.00	0.	10	15	K10	0.10
2005 1515A	62.	104.	195.	299.	0	0.	0.00000	0.00	0.00	0.	30	13	K10	0.18
2005 1516A	38.	65.	233.	356.	1	1303.	0.04190	0.00	0.00	0.	30	13	K10	0.23
2005 1517A	0.	0.	233.	348.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1518A	0.	0.	233.	348.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1519A	37.	90.	270.	375.	1	2571.	0.04560	0.00	0.00	0.	20	10	L10	0.23
2005 1520A	73.	178.	343.	381.	0	0.	0.00000	0.00	0.00	0.	20	10	L10	0.24
2005 1521A	0.	0.	343.	381.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1522A	0.	0.	343.	381.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1523A	0.	0.	343.	381.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1524B	74.	148.	74.	148.	3	523.	0.11430	0.00	0.00	0.	10	12	K10	0.08
2005 1525B	68.	124.	142.	270.	1	978.	0.08900	0.00	0.00	0.	20	12	K10	0.07
2005 1526B	64.	144.	206.	403.	1	1939.	0.05790	0.00	0.00	0.	10	10	K10	0.19
2005 1527B	68.	132.	274.	474.	1	1520.	0.06610	0.00	0.00	0.	20	11	K10	0.12
2005 1528B	53.	118.	327.	506.	0	0.	0.00000	0.00	0.00	0.	20	11	L10	0.10
2005 1529B	0.	0.	327.	506.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1530C	61.	112.	61.	112.	2	1342.	0.05250	0.00	0.00	0.	20	12	K10	0.12
2005 1531C	50.	98.	111.	202.	0	0.	0.00000	0.00	0.00	0.	20	11	K10	0.18
2005 1532BC	111.	202.	438.	681.	1	1617.	0.06620	0.00	0.00	0.	10	0	K10	0.00
2005 1533B	64.	155.	502.	732.	0	0.	0.00000	0.00	0.00	0.	10	11	L10	0.10
2005 1534C	50.	105.	50.	105.	1	2186.	0.05890	0.00	0.00	0.	20	10	K10	0.22
2005 1535C	56.	136.	106.	193.	0	0.	0.00000	0.00	0.00	0.	10	11	L10	0.19

CONFLUENCE Q'S																			
2005	1536B	TB	1162	QB	732.	QBC	893.	QC	161.	2005	1536C	TC	1159	QC	193.	QCB	894.	QB	701.
					2005	1536BC	TBC	1160	QBC	913.	QB	722.	QC	191.					

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
2005 1536BC	106.	193.	608.	913.	1	1358.	0.06020	0.00	0.00	0.	10	0	L10	0.00

CONFLUENCE Q'S											
2005 1537A	TA 1169 QA	381. QAB	1108. QB	727.	2005 1537B	TB 1163 QB	901. QBA	1239. QA	338.		
		2005 1537AB	TAB 1163	QAB	1239. QA	338. QB	901.				

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
2005 1537AB	608.	901.	951.	1239.	1	1774.	0.05060	0.00	0.00	0.	10	0	L10	0.00
2005 1538A	27.	65.	978.	1237.	2	1278.	0.03150	0.00	0.00	0.	10	11	L10	0.13
2005 1539A	0.	0.	978.	1232.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1540A	66.	151.	1044.	1263.	2	903.	0.01780	0.00	0.00	0.	10	12	L10	0.18
2005 1541A	74.	169.	1118.	1294.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.13
2005 1542B	54.	125.	54.	125.	4	3250.	0.01940	3.50	0.00	0.	20	11	L10	0.33
2005 1543B	59.	141.	113.	238.	0	0.	0.00000	0.00	0.00	0.	20	11	L10	0.51
2005 1544AB	113.	238.	1231.	1407.	2	1493.	0.05170	0.00	0.00	0.	10	0	L10	0.00
2005 1545A	96.	210.	1327.	1536.	0	0.	0.00000	0.00	0.00	0.	10	13	L10	0.22
2005 1546A	0.	0.	1327.	1536.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1547B	60.	137.	60.	137.	4	1234.	0.04100	3.00	0.00	0.	20	11	L10	0.23
2005 1548B	30.	74.	90.	207.	0	0.	0.00000	0.00	0.00	0.	20	10	L10	0.29

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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
2005 1549B	65.	159.	155.	365.	4	428.	0.01300	5.50	0.00	0.	20	10	L10	0.26
2005 1550B	83.	189.	238.	549.	4	1191.	0.01990	5.75	0.00	0.	20	11	L10	0.24
2005 1551B	28.	69.	266.	609.	4	395.	0.02670	5.75	0.00	0.	20	10	L10	0.28
2005 1552B	79.	185.	345.	785.	5	1243.	0.03780	8.00	0.00	0.	10	12	L10	0.44
2005 1553B	0.	0.	345.	782.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1554B	79.	181.	424.	953.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.21

* CONFLUENCE Q'S *
* 2005 1555A TA 1163 QA 1536. QAB 2232. QB 696. 2005 1555B TB 1158 QB 953. QBA 2275. QA 1322. *
* 2005 1555AB TAB 1161 QAB 2366. QA 1490. QB 877. *

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
2005 1555AB	424.	953.	1751.	2366.	2	1750.	0.08870	0.00	0.00	0.	10	0	L10	0.00
2005 1556A	57.	129.	1808.	2455.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.05
2005 1557B	92.	209.	92.	209.	2	1274.	0.06590	0.00	0.00	0.	10	12	L10	0.05
2005 1558B	67.	162.	159.	365.	2	434.	0.04330	0.00	0.00	0.	10	11	L10	0.08

* CONFLUENCE Q'S *
* 2005 1559A TA 1161 QA 2455. QAB 2775. QB 320. 2005 1559B TB 1157 QB 363. QBA 2604. QA 2242. *
* 2005 1559AB TAB 1161 QAB 2775. QA 2455. QB 320. *

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
2005 1559AB	159.	363.	1967.	2775.	0	0.	0.00000	0.00	0.00	0.	10	0	K10	0.00
2005 1560B	0.	0.	0.	363.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1561B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1562B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1563B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1564B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1565B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1566B	79.	171.	79.	171.	4	1431.	0.13560	2.75	0.00	0.	10	13	L10	0.09
2005 1567B	54.	133.	133.	302.	4	2070.	0.13980	3.25	0.00	0.	10	11	L10	0.34
2005 1568B	67.	155.	200.	451.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.31
2005 1569B	0.	0.	200.	451.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1570B	0.	0.	200.	451.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1571B	0.	0.	200.	451.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1572B	0.	0.	200.	451.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1573C	47.	114.	47.	114.	4	925.	0.06030	2.75	0.00	0.	10	11	L10	0.12
2005 1574C	66.	151.	113.	263.	4	1941.	0.12160	3.25	0.00	0.	10	12	L10	0.15
2005 1575C	85.	194.	198.	452.	1	2514.	0.05990	0.00	0.00	0.	10	12	L10	0.13
2005 1576C	0.	0.	198.	418.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1577C	58.	141.	256.	510.	0	0.	0.00000	0.00	0.00	0.	10	11	L10	0.17
2005 1578D	68.	155.	68.	155.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.12
2005 1579CD	68.	155.	324.	647.	1	3343.	0.07560	0.00	0.00	0.	10	0	L10	0.00
2005 1580C	0.	0.	324.	595.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1581C	83.	200.	407.	646.	1	1978.	0.05910	0.00	0.00	0.	10	11	L10	0.09
2005 1582C	39.	97.	446.	649.	0	0.	0.00000	0.00	0.00	0.	10	11	L10	0.48
2005 1583D	26.	75.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	9	L10	0.79
2005 1584D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00

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WESTLAKE DRAINAGE DCL/DBT W/BASINS Q-10F 9/2006														
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	DAY 4 PCT IMPV
2005 1585F	84.	191.	84.	191.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.05
2005 1586D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1587D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1588D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1589D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1590D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1591D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1592D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1593D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1594D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1595D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1596D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1597D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1598D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1599D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1600D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1601D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1602D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1603D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1604D	0.	0.	26.	75.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1605A	53.	121.	53.	121.	4	2246.	0.11250	2.50	0.00	0.	10	12	L10	0.16
2005 1606A	0.	0.	53.	120.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1607B	42.	89.	42.	89.	1	2776.	0.08170	0.00	0.00	0.	10	11	K10	0.13
2005 1608B	69.	158.	111.	201.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.19
2005 1609AB	111.	201.	164.	318.	1	1242.	0.04930	0.00	0.00	0.	10	0	L10	0.00
2005 1610B	34.	83.	34.	83.	4	1337.	0.10660	2.25	0.00	0.	10	11	L10	0.22
2005 1611A	42.	95.	206.	384.	0	0.	0.00000	0.00	0.00	0.	20	11	L10	0.18
2005 1612AB	34.	82.	240.	460.	1	1043.	0.07970	0.00	0.00	0.	10	0	L10	0.00
2005 1613B	81.	164.	81.	164.	4	1498.	0.11570	2.75	0.00	0.	10	12	K10	0.19
2005 1614B	59.	135.	140.	297.	4	1786.	0.11270	3.25	0.00	0.	10	12	L10	0.17
2005 1615B	59.	142.	199.	426.	0	0.	0.00000	0.00	0.00	0.	20	10	L10	0.14
2005 1616AB	199.	426.	439.	846.	1	1176.	0.08680	0.00	0.00	0.	10	0	L10	0.00
2005 1617A	40.	96.	479.	900.	1	1671.	0.05240	0.00	0.00	0.	20	10	L10	0.11
2005 1618A	70.	169.	549.	958.	1	2446.	0.05970	0.00	0.00	0.	10	11	L10	0.12
2005 1619A	0.	0.	549.	908.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1620A	83.	191.	632.	952.	4	424.	0.05390	6.00	0.00	0.	10	12	L10	0.23
2005 1621A	33.	87.	665.	968.	2	1628.	0.01940	0.00	0.00	0.	10	10	L10	0.43
2005 1622A	0.	0.	665.	962.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1623A	0.	0.	665.	962.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1624A	80.	182.	745.	1012.	5	3063.	0.00900	11.00	0.00	0.	10	13	L10	0.76
2005 1625A	73.	165.	818.	1047.	0	0.	0.00000	0.00	0.00	0.	10	13	L10	0.67
2005 1626A	0.	0.	818.	1047.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1627A	0.	0.	818.	1047.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1628B	75.	162.	75.	162.	4	2019.	0.01510	4.00	0.00	0.	20	12	L10	0.27
2005 1629B	48.	107.	123.	259.	0	0.	0.00000	0.00	0.00	0.	10	13	L10	0.47
2005 1630C	72.	140.	72.	140.	4	638.	0.00950	4.00	0.00	0.	20	14	L10	0.26
2005 1631BC	72.	139.	195.	396.	4	1273.	0.00870	6.00	0.00	0.	10	0	L10	0.00
2005 1632B	86.	215.	281.	579.	0	0.	0.00000	0.00	0.00	0.	10	11	L10	0.60
2005 1633C	42.	93.	42.	93.	4	1888.	0.00810	3.50	0.00	0.	10	13	L10	0.42
2005 1634BC	42.	89.	323.	665.	2	1369.	0.00470	0.00	0.00	0.	10	0	L10	0.00

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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
2005 1635B	41.	98.	364.	674.	4	833.	0.00600	7.75	0.00	0.	10	12	L10	0.79
2005 1636B	58.	122.	422.	753.	5	1043.	0.00590	11.00	0.00	0.	20	14	L10	0.66
2005 1637AB	422.	747.	1240.	1757.	5	1940.	0.00410	15.00	0.00	0.	10	0	L10	0.00
2005 1638A	53.	124.	1293.	1772.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.47
2005 1639B	50.	103.	50.	103.	4	1466.	0.01280	3.50	0.00	0.	30	12	L10	0.28
2005 1640B	57.	122.	107.	218.	0	0.	0.00000	0.00	0.00	0.	20	12	L10	0.23

CONFLUENCE Q'S

* 2005 1641A TA 1168 QA 1772. QAB 1824. QB 52. 2005 1641B TB 1157 QB 218. QBA 1465. QA 1248. *

* 2005 1641AB TAB 1167 QAB 1825. QA 1764. QB 61. *

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
2005 1641AB	107.	218.	1400.	1825.	5	183.	0.03260	11.00	0.00	0.	10	0	L10	0.00
2005 1642A	0.	0.	1400.	1825.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1643A	0.	0.	1400.	1825.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1644A	0.	0.	1400.	1825.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1645A	0.	0.	1400.	1825.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1646B	47.	113.	47.	113.	4	2374.	0.02730	3.00	0.00	0.	20	10	L10	0.15
2005 1647B	50.	114.	97.	212.	0	0.	0.00000	0.00	0.00	0.	20	11	L10	0.25
2005 1648C	71.	161.	71.	161.	4	2727.	0.06590	3.00	0.00	0.	10	12	L10	0.05
2005 1649C	80.	170.	151.	322.	0	0.	0.00000	0.00	0.00	0.	20	12	L10	0.18
2005 1650D	66.	137.	66.	137.	0	0.	0.00000	0.00	0.00	0.	20	12	L10	0.06
2005 1651CD	66.	137.	217.	455.	4	790.	0.01240	6.00	0.00	0.	10	0	L10	0.00
2005 1652BC	217.	453.	314.	665.	5	1586.	0.01090	9.00	0.00	0.	10	0	L10	0.00
2005 1653B	44.	107.	358.	744.	5	1450.	0.00330	12.00	0.00	0.	20	10	L10	0.23
2005 1654B	60.	133.	418.	834.	0	0.	0.00000	0.00	0.00	0.	10	13	L10	0.43
2005 1655B	0.	0.	418.	834.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1656B	0.	0.	418.	834.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1657B	10916.	13115.	10916.	13115.	0	0.	0.00000	0.00	0.00	0.	10	0	K10	0.00
2005 1658B	0.	0.	10916.	13115.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1658B	0.	0.	10916.	6996.	0	0.	0.00000	0.00	0.00	0.	0	99	0	0.00
2005 1659B	0.	0.	10916.	6996.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1660B	0.	0.	10916.	6996.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1661B	0.	0.	10916.	6996.	2	1534.	0.02730	0.00	0.00	0.	10	99	K10	0.00
2005 1662B	85.	192.	11001.	7007.	5	737.	0.00780	22.00	0.00	0.	20	11	L10	0.17
2005 1663C	71.	171.	71.	171.	4	1828.	0.04880	3.25	0.00	0.	10	11	L10	0.05
2005 1664C	89.	204.	160.	368.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.16

CONFLUENCE Q'S

* 2005 1665B TB 1208 QB 7005. QBC 7043. QC 39. 2005 1665C TC 1156 QC 368. QCB 5149. QB 4781. *

* 2005 1665BC TBC 1208 QBC 7043. QB 7005. QC 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
2005 1665BC	160.	368.	11161.	7043.	5	1401.	0.03820	17.00	0.00	0.	10	0	L10	0.00
2005 1666B	56.	123.	11217.	7050.	5	247.	0.00440	25.00	0.00	0.	30	11	L10	0.27
2005 1667C	53.	128.	53.	128.	1	1330.	0.13030	0.00	0.00	0.	10	11	L10	0.06
2005 1668C	86.	196.	139.	312.	2	968.	0.03820	0.00	0.00	0.	10	12	L10	0.10
2005 1669C	58.	140.	197.	438.	2	2317.	0.02560	0.00	0.00	0.	10	11	L10	0.14

VENTURA COUNTY FLOOD CONTROL DISTRICT
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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
2005 1670C	68.	176.	265.	516.	0	0.	0.00000	0.00	0.00	0.	10	10	L10	0.19
2005 1671C	0.	0.	265.	516.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 1672C	0.	0.	265.	516.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00

CONFLUENCE Q'S

2005 1673B	TB 1209 QB	7049. QBC	7120. QC	70.	2005 1673C	TC 1160 QC	516. QCB	5891. QB	5375.
2005 1673BC	TBC 1209 QBC	7120. QB	7049. QC	70.					

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
2005 1673BC	265.	516.	11482.	7120.	5	439.	0.01400	20.00	0.00	0.	10	0	L10	0.00
2005 1674C	40.	91.	40.	91.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.05
2005 1675C	46.	104.	86.	195.	1	1612.	0.11180	0.00	0.00	0.	10	12	L10	0.05
2005 1676C	39.	94.	125.	273.	1	835.	0.14480	0.00	0.00	0.	10	11	L10	0.05
2005 1677C	57.	129.	182.	390.	1	1319.	0.07900	0.00	0.00	0.	10	12	L10	0.05
2005 1678C	38.	98.	220.	445.	0	0.	0.00000	0.00	0.00	0.	10	10	L10	0.10
2005 1679C	0.	0.	220.	445.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1680C	80.	172.	300.	604.	1	2700.	0.06330	0.00	0.00	0.	10	13	L10	0.05
2005 1681C	86.	195.	386.	676.	0	0.	0.00000	0.00	0.00	0.	10	12	L10	0.07
2005 1682D	74.	159.	74.	159.	1	909.	0.16020	0.00	0.00	0.	10	13	L10	0.05
2005 1683D	40.	96.	114.	253.	4	2518.	0.04560	3.75	0.00	0.	10	11	L10	0.05
2005 1684D	70.	170.	184.	401.	0	0.	0.00000	0.00	0.00	0.	10	11	L10	0.15
2005 1685CD	184.	401.	570.	1036.	1	1298.	0.08620	0.00	0.00	0.	10	0	L10	0.00
2005 1686C	74.	168.	644.	1155.	2	1874.	0.02560	0.00	0.00	0.	10	12	L10	0.05
2005 1687C	95.	205.	739.	1274.	0	0.	0.00000	0.00	0.00	0.	10	13	L10	0.05
2005 1688C	0.	0.	739.	1274.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00

HYDROGRAPH FATTENED AT 1688C

INCOMING HYDROGRAPH PEAK	=	1273.69	INCOMING HYDROGRAPH VOLUME	=	142.01 AC.FT.
HYDROGRAPH ADJUSTMENT FACTOR	=	0.93000	RUNOFF FACTOR	=	3.50 IN.
ADJUSTED HYDROGRAPH PEAK	=	1184.54	ADJUSTED HYDROGRAPH VOLUME	=	132.07 AC.FT.
ADJ/FATTENED HYDROGRAPH PEAK	=	1184.54	ADJ/FATTENED HYDROGRAPH VOLUME	=	215.47 AC.FT.

RESERVOIR ROUTING AT 1688C

INCOMING HYDROGRAPH PEAK	=	1184.54	INCOMING HYDROGRAPH VOLUME	=	215.47 AC.FT.
HYDROGRAPH ADJUSTMENT FACTOR	=	0.93000			
RESERVOIR INFLOW PEAK	=	1184.54	TIME OF PEAK	=	1162
VOLUME UNDER INFLOW HYDROGRAPH	=	215.47 AC.FT.			
MAXIMUM ELEVATION	=	993.15	TIME	=	1170
SPILLAGE ELEVATION	=	990.00	DIFFERENCE	=	+3.15
SPILLED FROM 1000 TO 1340 FOR 341 MINUTES					
RESERVOIR OUTFLOW PEAK	=	914.13	TIME OF PEAK	=	1170
VOLUME UNDER OUTFLOW HYDROGRAPH	=	202.25 AC.FT.			

VENTURA COUNTY FLOOD CONTROL DISTRICT
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STORM DAY 4

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
2005 1689C	0.	0.	739.	914.	0	0.	0.00000	0.00	0.00	0.	10	99	L10	0.00
2005 1689C	0.	0.	739.	914.	2	1954.	0.07310	0.00	0.00	0.	10	99	L10	0.00
2005 1690C	83.	200.	822.	947.	2	2561.	0.03080	0.00	0.00	0.	10	11	L10	0.05
2005 1691C	55.	112.	877.	961.	0	0.	0.00000	0.00	0.00	0.	20	13	L10	0.22

CONFLUENCE Q'S

2005 1692B	TB 1209 QB	7118. QBC	7680. QC	562.	2005 1692C	TC 1175 QC	961. QCB	6319. QB	5358.
2005 1692B	TBC 1209 QBC	7680. QB	7118. QC	562.					

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
2005 1692BC	877.	961.	12359.	7680.	5	624.	0.02390	19.00	0.00	0.	10	0	K10	0.00
2005 1693B	0.	0.	12359.	7679.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1694B	65.	169.	12424.	7697.	5	378.	0.01550	19.00	0.00	0.	10	10	L10	0.25
2005 1695B	48.	125.	12472.	7710.	5	1286.	0.00730	23.00	0.00	0.	10	10	L10	0.26
2005 1696B	42.	97.	12514.	7715.	0	0.	0.00000	0.00	0.00	0.	40	10	L10	0.39
2005 1697B	0.	0.	12514.	7715.	0	0.	0.00000	0.00	0.00	0.	10	99	K10	0.00
2005 1698B	55.	117.	12569.	7725.	5	1629.	0.03440	18.00	0.00	0.	20	12	L10	0.19
2005 1699B	81.	186.	12650.	7739.	0	0.	0.00000	0.00	0.00	0.	20	11	L10	0.29
2005 1700B	82.	187.	12732.	7754.	5	912.	0.01170	22.00	0.00	0.	20	11	L10	0.22

CONFLUENCE Q'S

2005 1701A	TA 1168 QA	1825. QAB	8380. QB	6555.	2005 1701B	TB 1211 QB	7753. QBA	8246. QA	493.
2005 1701A	TAB 1162 QAB	9076. QA	1740. QB	7335.					

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
2005 1701AB	12732.	7753.	14132.	9076.	0	0.	0.00000	0.00	0.00	0.	10	0	K10	0.00
2005 1702A	64.	157.	14196.	9144.	0	0.	0.00000	0.00	0.00	0.	20	10	L10	0.27
2005 1703B	63.	143.	63.	143.	0	0.	0.00000	0.00	0.00	0.	10	13	L10	0.68
2005 1704C	30.	68.	30.	68.	0	0.	0.00000	0.00	0.00	0.	10	13	L10	0.60
2005 1705BC	30.	68.	93.	210.	4	920.	0.00220	6.00	0.00	0.	10	0	L10	0.00
2005 1706B	49.	105.	142.	304.	0	0.	0.00000	0.00	0.00	0.	10	14	L10	0.52
2005 1707C	44.	115.	44.	115.	4	998.	0.00330	4.50	0.00	0.	10	10	L10	0.36
2005 1708BC	44.	110.	186.	414.	4	1552.	0.00600	6.50	0.00	0.	10	0	L10	0.00
2005 1709B	49.	100.	235.	497.	0	0.	0.00000	0.00	0.00	0.	10	15	L10	0.50

CONFLUENCE Q'S

2005 1710A	TA 1161 QA	9144. QAB	9640. QB	496.	2005 1710B	TB 1162 QB	497. QBA	9614. QA	9117.
2005 1710A	TAB 1161 QAB	9640. QA	9144. QB	496.					

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
2005 1710AB	235.	497.	14431.	9640.	0	0.	0.00000	0.00	0.00	0.	10	0	K10	0.00
2005 1711A	57.	116.	14488.	9747.	0	0.	0.00000	0.00	0.00	0.	10	15	L10	0.43
2005 1712A	116.	288.	14604.	9906.	0	0.	0.00000	0.00	0.00	0.	30	10	L10	0.54
2005 1713B	43.	112.	43.	112.	0	0.	0.00000	0.00	0.00	0.	10	10	L10	0.20
2005 1714C	71.	172.	71.	172.	0	0.	0.00000	0.00	0.00	0.	10	11	L10	0.11
2005 1715D	75.	181.	75.	181.	3	2097.	0.06700	0.00	0.00	0.	10	11	L10	0.10
2005 1716D	57.	147.	132.	289.	0	0.	0.00000	0.00	0.00	0.	10	10	L10	0.10



**City of Thousand Oaks
Storm Drain System Master Plan
CI 4223**

HYDROLOGY & DEFICIENCY STUDY

**MODIFIED RATIONAL METHOD OUTPUT
100-YEAR STORM FREQUENCY**



OCTOBER 2006

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950

THOUS.OAKS	SDSMP.ARR.	CONEJO, 100-YR	DCL/DBT	9/06 FN=ARRCONBN.99I											STORM DAY 4	
	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	PCT		
LOCATION	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME		ZONE	IMPV		
2005	1A	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00		
2005	2A	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00		
2005	3A	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00		
2005	4A	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00		
2005	5A	81.	279.	81.	1	985.	0.10880	0.00	0.00	0.	10	9	B98	0.05		
2005	6A	72.	248.	153.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.05		
2005	7A	70.	241.	223.	1	839.	0.10320	0.00	0.00	0.	10	9	B98	0.05		
2005	8A	67.	245.	290.	1	818.	0.09150	0.00	0.00	0.	10	8	B98	0.05		
2005	9A	88.	303.	378.	1	1823.	0.13020	0.00	0.00	0.	10	9	B98	0.05		
2005	10A	71.	260.	449.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.05		
2005	11A	0.	0.	449.	1391.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	12A	0.	0.	449.	1391.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	13A	0.	0.	449.	1391.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	14B	84.	307.	84.	307.	1	1912.	0.05740	0.00	0.00	0.	10	8	B98	0.05	
2005	15B	83.	286.	167.	495.	1	2266.	0.07700	0.00	0.00	0.	20	8	B98	0.05	
2005	16B	60.	206.	227.	578.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.05	
2005	17AB	227.	578.	676.	1965.	2	82.	0.08770	0.00	0.00	0.	10	0	B98	0.00	
2005	18B	62.	213.	62.	213.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.05	
2005	19AB	62.	213.	738.	2107.	1	1489.	0.06430	0.00	0.00	0.	10	0	B98	0.00	
2005	20A	59.	216.	797.	2211.	1	1333.	0.06890	0.00	0.00	0.	10	8	B98	0.05	
2005	21A	52.	179.	849.	2233.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.05	
2005	22A	0.	0.	849.	2233.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00	
2005	23A	0.	0.	849.	2233.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00	
2005	24B	69.	237.	69.	237.	1	1788.	0.08350	0.00	0.00	0.	20	8	B98	0.05	
2005	25B	46.	140.	115.	338.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.05	
2005	26AB	115.	338.	964.	2526.	1	633.	0.02570	0.00	0.00	0.	10	0	B98	0.00	
2005	27A	57.	224.	1021.	2552.	1	1251.	0.05430	0.00	0.00	0.	10	7	B98	0.05	
2005	28A	43.	151.	1064.	2548.	0	0.	0.00000	0.00	0.00	0.	30	7	B98	0.05	
2005	29A	0.	0.	1064.	2548.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00	
2005	30A	0.	0.	1064.	2548.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00	
2005	31B	41.	152.	41.	152.	0	0.	0.00000	0.00	0.00	0.	20	7	B98	0.05	
2005	32B	75.	230.	116.	382.	1	1292.	0.09190	0.00	0.00	0.	20	10	B98	0.05	
2005	33B	48.	178.	164.	516.	1	1818.	0.08620	0.00	0.00	0.	20	7	B98	0.05	
2005	34B	0.	0.	164.	481.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00	
2005	35B	51.	180.	215.	596.	0	0.	0.00000	0.00	0.00	0.	30	7	B98	0.09	
2005	36AB	215.	596.	1279.	2984.	1	2341.	0.05260	0.00	0.00	0.	10	0	B98	0.00	
2005	37A	0.	0.	1279.	2931.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	38A	0.	0.	1279.	2931.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	39A	80.	258.	1359.	2979.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.05	
2005	40A	0.	0.	1359.	2979.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00	
2005	41A	70.	231.	1429.	3027.	1	644.	0.03860	0.00	0.00	0.	20	9	B98	0.25	
2005	42D	24.	90.	24.	90.	0	0.	0.00000	0.00	0.00	0.	20	7	B98	0.15	
2005	43B	65.	226.	65.	226.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.17	
2005	44B	29.	102.	94.	328.	1	1684.	0.07110	0.00	0.00	0.	20	8	B98	0.24	
2005	45B	32.	110.	126.	385.	1	1243.	0.07100	0.00	0.00	0.	20	8	B98	0.07	
2005	46B	0.	0.	126.	372.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00	
2005	47B	29.	89.	155.	429.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.06	
2005	48B	63.	204.	218.	587.	1	1016.	0.08650	0.00	0.00	0.	20	9	B98	0.05	
2005	49B	47.	154.	265.	686.	1	1323.	0.05490	0.00	0.00	0.	20	9	B98	0.21	
2005	50AB	265.	672.	1694.	3578.	1	1648.	0.03680	0.00	0.00	0.	10	0	B98	0.00	

VENTURA COUNTY FLOOD CONTROL DISTRICT
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THOUS.OAKS	SDSMP.ARR.	CONEJO, 100-YR	DCL/DBT	9/06 FN=ARRCONBN.99I											STORM DAY 4
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT		
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	IMPV		
2005 51A	28.	88.	1722.	3568.	5	100.	0.05950	12.00	0.00	0.	30	9	B98 0.24		
2005 52A	0.	0.	1722.	3567.	0	0.	0.00000	0.00	0.00	0.	30	99	B98 0.00		
2005 53A	0.	0.	1722.	3567.	0	0.	0.00000	0.00	0.00	0.	30	99	B98 0.00		
2005 54B	34.	118.	34.	118.	4	1132.	0.06180	2.75	0.00	0.	20	8	B98 0.11		
2005 55B	53.	187.	87.	300.	4	791.	0.09810	3.50	0.00	0.	20	8	B98 0.31		
2005 56B	48.	159.	135.	455.	4	1281.	0.06380	4.25	0.00	0.	20	9	B98 0.32		
2005 57B	52.	175.	187.	616.	0	0.	0.00000	0.00	0.00	0.	20	9	B98 0.42		
2005 58AB	187.	616.	1909.	3689.	1	25.	0.07200	0.00	0.00	0.	10	0	B98 0.00		
2005 59A	0.	0.	1909.	3689.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00		
2005 60A	0.	0.	1909.	3689.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00		
2005 61B	47.	154.	47.	154.	4	1007.	0.12830	2.50	0.00	0.	20	9	B98 0.18		
2005 62B	89.	292.	136.	442.	4	1067.	0.06530	4.25	0.00	0.	20	9	B98 0.19		
2005 63B	0.	0.	136.	438.	0	0.	0.00000	0.00	0.00	0.	20	99	B98 0.00		
2005 64C	70.	241.	70.	241.	4	1419.	0.07190	3.50	0.00	0.	10	9	B98 0.05		
2005 65C	57.	186.	127.	421.	0	0.	0.00000	0.00	0.00	0.	20	9	B98 0.13		
2005 66BC	127.	421.	263.	859.	4	681.	0.03270	6.25	0.00	0.	10	0	B98 0.00		
2005 67D	23.	86.	47.	176.	4	76.	0.02380	3.75	0.00	0.	20	7	B98 0.12		
2005 68BD	47.	176.	310.	1011.	4	145.	0.04630	6.25	0.00	0.	10	0	B98 0.00		
2005 69AB	310.	1007.	2219.	4027.	2	2548.	0.04800	0.00	0.00	0.	10	0	B98 0.00		
2005 70A	19.	63.	2238.	4024.	0	0.	0.00000	0.00	0.00	0.	40	8	B98 0.39		
2005 71A	0.	0.	2238.	4024.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00		

* HYDROGRAPH FATTENED AT 71A *															
* INCOMING HYDROGRAPH PEAK	=	4024.28					INCOMING HYDROGRAPH VOLUME		=	572.96	AC.FT.				
* HYDROGRAPH ADJUSTMENT FACTOR	=	0.88100					RUNOFF FACTOR		=	4.20	IN.				
* ADJUSTED HYDROGRAPH PEAK	=	3545.39					ADJUSTED HYDROGRAPH VOLUME		=	504.78	AC.FT.				
* ADJ/FATTENED HYDROGRAPH PEAK	=	3545.39					ADJ/FATTENED HYDROGRAPH VOLUME		=	782.95	AC.FT.				

* RESERVOIR ROUTING AT 71A *															
* INCOMING HYDROGRAPH PEAK	=	3545.39					INCOMING HYDROGRAPH VOLUME		=	782.95	AC.FT.				
* HYDROGRAPH ADJUSTMENT FACTOR	=	0.88100													
* RESERVOIR INFLOW PEAK	=	3545.39	TIME OF PEAK	=	1162	VOLUME UNDER INFLOW		HYDROGRAPH	=	782.95	AC.FT.				
* MAXIMUM ELEVATION	=	1037.00	TIME	=	1238	SPILLAGE ELEVATION		=	1036.70	DIFFERENCE		=	+0.30		
* SPILLED FROM 1219 TO 1285 FOR	67 MINUTES														
* RESERVOIR OUTFLOW PEAK	=	828.75	TIME OF PEAK	=	1238	VOLUME UNDER OUTFLOW		HYDROGRAPH	=	583.41	AC.FT.				

2005 71A	0.	0.	2238.	829.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00		
2005 72B	31.	116.	31.	116.	5	1117.	0.07190	3.00	0.00	0.	20	7	B98 0.15		
2005 73B	52.	173.	83.	285.	1	511.	0.05550	0.00	0.00	0.	20	9	B98 0.36		
2005 74AB	83.	282.	2321.	854.	1	929.	0.04040	0.00	0.00	0.	10	0	B98 0.00		
2005 75A	0.	0.	2321.	848.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00		

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950														
THOUS.OAKS	SDSMP.ARR.	CONEJO,100-YR	DCL/DBT	9/06	FN=ARRCONBN.99I									
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	DAY 4
	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME		ZONE	PCT
2005 76A	30.	104.	2351.	922.	1	2105.	0.05960	0.00	0.00	0.	20	8	B98	0.14
2005 77A	43.	149.	2394.	999.	1	302.	0.01620	0.00	0.00	0.	10	9	B98	0.18
2005 78A	35.	128.	2429.	1062.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.06
2005 79A	0.	0.	2429.	1062.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 80B	68.	235.	68.	235.	4	1493.	0.10420	3.25	0.00	0.	10	9	B98	0.14
2005 81B	0.	0.	68.	234.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 82B	0.	0.	68.	234.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 83B	41.	143.	109.	374.	4	2611.	0.03340	4.50	0.00	0.	20	8	B98	0.20
2005 84B	66.	206.	175.	542.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.20
2005 85B	0.	0.	175.	542.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 86C	63.	186.	63.	186.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.25
2005 87C	43.	116.	106.	303.	0	0.	0.00000	0.00	0.00	0.	40	11	B98	0.26
2005 88BC	106.	303.	281.	828.	4	2815.	0.05530	5.50	0.00	0.	10	0	B98	0.00
2005 89B	80.	249.	361.	1028.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.21
2005 90AB	361.	1028.	2790.	2074.	1	1607.	0.05050	0.00	0.00	0.	10	0	B98	0.00
2005 91A	0.	0.	2790.	2053.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 92A	48.	149.	2838.	2149.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.20
2005 93A	0.	0.	2838.	2149.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
2005 94B	45.	156.	45.	156.	1	2214.	0.11300	0.00	0.00	0.	20	8	B98	0.12
2005 95B	55.	192.	100.	291.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.18
2005 96AB	100.	291.	2938.	2405.	5	1342.	0.07060	10.00	0.00	0.	10	0	B98	0.00
2005 97A	0.	0.	2938.	2383.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 98A	80.	280.	3018.	2569.	5	992.	0.08810	10.00	0.00	0.	20	8	B98	0.21
2005 99A	0.	0.	3018.	2549.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
2005 100A	36.	125.	3054.	2633.	1	1733.	0.06260	0.00	0.00	0.	10	9	B98	0.28
2005 101A	47.	154.	3101.	2689.	2	614.	0.02090	0.00	0.00	0.	20	9	B98	0.17
2005 102B	51.	169.	51.	169.	4	1932.	0.02570	3.50	0.00	0.	10	10	B98	0.42
2005 103B	56.	165.	107.	318.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.24
2005 104AB	107.	318.	3208.	2930.	5	1606.	0.06060	11.00	0.00	0.	10	0	B98	0.00
2005 105A	0.	0.	3208.	2924.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 106A	42.	130.	3250.	3009.	5	459.	0.02470	13.00	0.00	0.	10	11	B98	0.13
2005 107A	49.	169.	3299.	3082.	5	241.	0.05720	12.00	0.00	0.	10	9	B98	0.05
2005 108B	25.	70.	25.	70.	4	272.	0.04600	2.25	0.00	0.	30	11	B98	0.20
2005 109AB	25.	70.	3324.	3130.	5	1937.	0.05030	12.00	0.00	0.	10	0	B98	0.00
2005 110A	46.	143.	3370.	3207.	5	2316.	0.06340	12.00	0.00	0.	10	11	B98	0.17
2005 111A	73.	241.	3443.	3297.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.26
2005 112B	43.	158.	43.	158.	4	1091.	0.03320	3.25	0.00	0.	10	8	B98	0.19
2005 113B	57.	188.	100.	339.	5	2194.	0.02070	6.00	0.00	0.	20	9	B98	0.25
2005 114B	51.	167.	151.	477.	5	3119.	0.02990	6.00	0.00	0.	20	9	B98	0.19
2005 115B	72.	176.	223.	609.	0	0.	0.00000	0.00	0.00	0.	30	13	B98	0.05
2005 116C	51.	168.	51.	168.	3	2005.	0.03490	0.00	0.00	0.	10	10	B98	0.25
2005 117C	42.	138.	93.	250.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.24
2005 118BC	93.	250.	316.	844.	4	417.	0.03130	6.25	0.00	0.	10	0	B98	0.00
2005 119B	0.	0.	316.	843.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 120AB	316.	843.	3759.	4112.	5	1089.	0.07190	12.00	0.00	0.	10	0	B98	0.00
2005 121A	50.	165.	3809.	4191.	5	1187.	0.02170	15.00	0.00	0.	10	10	B98	0.25
2005 122A	34.	106.	3843.	4204.	5	1503.	0.01640	15.00	0.00	0.	20	10	B98	0.21
2005 123A	67.	202.	3910.	4300.	5	1620.	0.04640	14.00	0.00	0.	20	11	B98	0.44
2005 124A	50.	162.	3960.	4321.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.54
2005 125B	0.	0.	0.	843.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950														
THOUS.OAKS	SDSMP.ARR.	CONEJO,100-YR	DCL/DBT	9/06	FN=ARRCONBN.99I									
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	DAY 4
	AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME		ZONE	PCT
2005 126B	59.	183.	59.	183.	1	3008.	0.08740	0.00	0.00	0.	10	11	B98	0.05
2005 127B	63.	217.	122.	312.	5	3080.	0.05560	5.00	0.00	0.	10	9	B98	0.08
2005 128B	40.	132.	162.	406.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.23
2005 129C	66.	229.	66.	229.	2	954.	0.12380	0.00	0.00	0.	10	9	B98	0.25
2005 130C	96.	318.	162.	540.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.29
2005 131BC	162.	540.	324.	926.	1	1145.	0.06460	0.00	0.00	0.	10	0	B98	0.00
2005 132B	0.	0.	324.	918.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 133B	58.	201.	382.	1098.	1	2295.	0.07260	0.00	0.00	0.	10	9	B98	0.23
2005 134B	38.	132.	420.	1127.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.23
2005 135B	0.	0.	420.	1127.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 136C	69.	203.	69.	203.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.07
2005 137C	38.	118.	107.	320.	1	821.	0.07360	0.00	0.00	0.	10	11	B98	0.06
2005 138C	72.	199.	179.	514.	2	3522.	0.06890	0.00	0.00	0.	20	12	B98	0.13
2005 139C	51.	151.	230.	620.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.20
2005 140D	80.	211.	80.	211.	2	1142.	0.03510	0.00	0.00	0.	20	13	B98	0.17
2005 141D	47.	125.	127.	330.	0	0.	0.00000	0.00	0.00	0.	20	13	B98	0.20
2005 142E	56.	174.	56.	174.	1	1039.	0.05790	0.00	0.00	0.	20	10	B98	0.20
2005 143E	54.	167.	110.	319.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.16
2005 144DE	110.	319.	237.	649.	2	1605.	0.08300	0.00	0.00	0.	10	0	B98	0.00
2005 145D	64.	210.	301.	833.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.14
2005 146CD	301.	833.	531.	1427.	2	338.	0.07200	0.00	0.00	0.	10	0	B98	0.00
2005 147C	81.	251.	612.	1643.	1	2106.	0.10240	0.00	0.00	0.	20	10	B98	0.14
2005 148C	55.	190.	667.	1731.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.14
2005 149BC	667.	1731.	1087.	2859.	1	813.	0.06570	0.00	0.00	0.	10	0	B98	0.00
2005 150B	0.	0.	1087.	2818.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 151B	51.	176.	1138.	2907.	1	1801.	0.05630	0.00	0.00	0.	10	9	B98	0.17
2005 152B	80.	277.	1218.	2918.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.19
2005 153B	0.	0.	1218.	2918.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 154C	76.	249.	76.	249.	4	2681.	0.07100	3.50	0.00	0.	10	10	B98	0.06
2005 155C	87.	301.	163.	527.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.14
2005 156BC	163.	527.	1381.	3206.	1	1457.	0.04930	0.00	0.00	0.	10	0	B98	0.00
2005 157B	0.	0.	1381.	3172.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 158B	70.	281.	1451.	3244.	2	1056.	0.03950	0.00	0.00	0.	10	9	C99	0.18
2005 159B	35.	133.	1486.	3272.	5	1453.	0.06220	12.00	0.00	0.	10	10	C99	0.22
2005 160B	79.	300.	1565.	3350.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.20
2005 161C	60.	207.	60.	207.	2	1835.	0.05110	0.00	0.00	0.	10	9	B98	0.05
2005 162C	44.	176.	104.	364.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.09
2005 163BC	104.	364.	1669.	3506.	5	1204.	0.05720	12.00	0.00	0.	10	0	C99	0.00
2005 164B	0.	0.	1669.	3503.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 165B	49.	186.	1718.	3564.	5	1660.	0.04860	12.00	0.00	0.	10	10	C99	0.13
2005 166B	76.	306.	1794.	3652.	5	1833.	0.03760	12.00	0.00	0.	10	9	C99	0.27
2005 167B	56.	205.	1850.	3768.	5	2573.	0.04550	12.00	0.00	0.	10	11	C99	0.75
2005 168B	48.	146.	1898.	3843.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.50
2005 169B	0.	0.	1898.	3843.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 170B	0.	0.	1898.	3843.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 171C	71.	237.	71.	237.	4	1474.	0.00620	5.25	0.00	0.	20	12	C99	0.41
2005 172C	70.	283.	141.	499.	4	1293.	0.00890	6.50	0.00	0.	10	9	C99	0.56
2005 173C	70.	244.	211.	719.	4	3224.	0.03630	5.75	0.00	0.	10	12	C99	0.53
2005 174C	52.	175.	263.	813.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.47

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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 *****														
2005 175B TB 1162 QB	3843.	QBC	4585.	QC	743.	2005 175C TC 1160 QC	813.	QCB	4526.	QB	3713.			
***** 2005 175BC TBC 1162 QBC 4585. QB 3843. QC 743. *****														

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
2005 175BC	263.	813.	2161.	4585.	5	138.	0.03300	15.00	0.00	0.	10	0	B98	0.00
2005 176B	0.	0.	2161.	4582.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 177C	59.	182.	59.	182.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.10
2005 178C	29.	85.	88.	266.	4	1138.	0.10890	3.25	0.00	0.	20	11	B98	0.14
2005 179C	45.	131.	133.	396.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.16
2005 180D	55.	190.	55.	190.	1	654.	0.10660	0.00	0.00	0.	10	9	B98	0.05
2005 181D	44.	152.	99.	336.	4	1028.	0.11320	3.50	0.00	0.	10	9	B98	0.10
2005 182CD	99.	334.	232.	724.	4	1946.	0.02440	6.25	0.00	0.	10	0	B98	0.00
2005 183C	0.	0.	232.	712.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 184C	29.	91.	261.	794.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.26
2005 185D	59.	184.	59.	184.	4	2643.	0.02720	3.75	0.00	0.	10	11	B98	0.20
2005 186D	60.	176.	119.	339.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.21
2005 187CD	119.	339.	380.	1132.	4	793.	0.02730	7.00	0.00	0.	10	0	B98	0.00
2005 188C	0.	0.	380.	1123.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 189C	20.	64.	400.	1178.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.42
2005 190BC	400.	1178.	2561.	5655.	5	1067.	0.03450	16.00	0.00	0.	10	0	B98	0.00
2005 191B	28.	72.	2589.	5713.	5	177.	0.05180	15.00	0.00	0.	20	15	B98	0.50
2005 192D	46.	185.	46.	185.	1	1761.	0.07390	0.00	0.00	0.	10	9	C99	0.15
2005 193D	55.	221.	101.	370.	4	2191.	0.04700	4.25	0.00	0.	10	9	C99	0.22
2005 194D	43.	150.	144.	478.	4	1486.	0.04690	4.75	0.00	0.	10	9	B98	0.44
2005 195D	0.	0.	144.	473.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 196E	48.	167.	48.	167.	4	991.	0.13270	2.75	0.00	0.	10	9	B98	0.27
2005 197E	40.	139.	88.	304.	4	2047.	0.09390	3.50	0.00	0.	10	9	B98	0.39
2005 198E	54.	188.	142.	480.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.39

***** CONFLUENCE Q'S *****														
2005 199D TD 1159 QD	473.	QDE	874.	QE	401.	2005 199E TE 1156 QE	480.	QED	915.	QD	435.			
***** 2005 199DE TDE 1157 QDE 930. QD 456. QE 475. *****														

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
2005 199DE	142.	480.	286.	930.	4	168.	0.06810	5.50	0.00	0.	10	0	B98	0.00
2005 200D	0.	0.	286.	929.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

***** CONFLUENCE Q'S *****														
2005 201B TB 1161 QB	5711.	QBD	6467.	QD	756.	2005 201D TD 1157 QD	929.	QDB	5932.	QB	5003.			
***** 2005 201BD TBD 1160 QBD 6494. QB 5652. QD 841. *****														

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
2005 201BD	286.	929.	2875.	6494.	5	1411.	0.04670	16.00	0.00	0.	10	0	B98	0.00
2005 202B	0.	0.	2875.	6474.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 203B	61.	181.	2936.	6612.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.31

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LOCATION	SUBAREA	AREA	Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
2005 204C	69.	215.	69.	215.	1	2494.	0.03190	0.00	0.00	0.00	0.	20	10	B98	0.22
2005 205C	62.	194.	131.	284.	0	0.	0.00000	0.00	0.00	0.00	0.	20	10	B98	0.24
2005 206C	79.	246.	210.	505.	5	1484.	0.02260	7.00	0.00	0.00	0.	20	10	B98	0.19
2005 207C	33.	112.	243.	606.	0	0.	0.00000	0.00	0.00	0.00	0.	20	9	B98	0.49
2005 208C	0.	0.	243.	606.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	B98	0.00
2005 209BC	243.	606.	3179.	7142.	5	905.	0.05430	16.00	0.00	0.00	0.	10	0	B98	0.00
2005 210B	69.	220.	3248.	7265.	5	1151.	0.02400	19.00	0.00	0.00	0.	20	10	B98	0.41
2005 211B	34.	113.	3282.	7324.	0	0.	0.00000	0.00	0.00	0.00	0.	10	10	B98	0.33
2005 212B	0.	0.	3282.	7324.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	B98	0.00
2005 213B	0.	0.	3282.	7324.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	B98	0.00
2005 214C	51.	158.	51.	158.	4	1364.	0.05970	3.00	0.00	0.00	0.	10	11	B98	0.11
2005 215C	68.	183.	119.	339.	4	229.	0.00890	5.50	0.00	0.00	0.	20	13	B98	0.30
2005 216BC	119.	338.	3401.	7621.	5	1287.	0.03410	18.00	0.00	0.00	0.	10	0	B98	0.00
2005 217B	78.	261.	3479.	7688.	5	804.	0.04740	17.00	0.00	0.00	0.	20	9	B98	0.40
2005 218B	44.	149.	3523.	7741.	5	2463.	0.05430	16.00	0.00	0.00	0.	20	9	B98	0.51
2005 219B	81.	246.	3604.	7873.	0	0.	0.00000	0.00	0.00	0.00	0.	20	11	B98	0.50
2005 220B	0.	0.	3604.	7873.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	B98	0.00
2005 221B	0.	0.	3604.	7873.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	B98	0.00
2005 222C	51.	176.	51.	176.	1	629.	0.07010	0.00	0.00	0.00	0.	10	9	B98	0.05
2005 223C	43.	148.	94.	316.	1	778.	0.05620	0.00	0.00	0.00	0.	10	9	B98	0.05
2005 224C	37.	121.	131.	422.	1	422.	0.07970	0.00	0.00	0.00	0.	10	10	B98	0.05
2005 225C	0.	0.	131.	420.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	B98	0.00
2005 226D	45.	180.	45.	180.	1	1342.	0.06660	0.00	0.00	0.00	0.	10	9	C99	0.05
2005 227D	46.	142.	91.	302.	0	0.	0.00000	0.00	0.00	0.00	0.	10	11	B98	0.05
2005 228CD	91.	302.	222.	722.	1	353.	0.09370	0.00	0.00	0.00	0.	10	0	B98	0.00
2005 229D	70.	217.	70.	217.	0	0.	0.00000	0.00	0.00	0.00	0.	10	11	B98	0.05
2005 230CD	70.	217.	292.	917.	1	1470.	0.04680	0.00	0.00	0.00	0.	10	0	B98	0.00
2005 231C	0.	0.	292.	890.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	B98	0.00
2005 232C	60.	187.	352.	1009.	1	2044.	0.06350	0.00	0.00	0.00	0.	20	10	B98	0.19
2005 233C	92.	287.	444.	1108.	0	0.	0.00000	0.00	0.00	0.00	0.	20	10	B98	0.21
2005 234C	0.	0.	444.	1108.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	B98	0.00
2005 235D	57.	175.	57.	175.	1	3073.	0.08280	0.00	0.00	0.00	0.	20	10	B98	0.05
2005 236D	81.	226.	138.	322.	0	0.	0.00000	0.00	0.00	0.00	0.	30	11	B98	0.18
2005 237CD	138.	322.	582.	1390.	5	2648.	0.04020	9.00	0.00	0.00	0.	10	0	B98	0.00
2005 238C	51.	154.	633.	1461.	0	0.	0.00000	0.00	0.00	0.00	0.	20	11	B98	0.45

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* CONFLUENCE Q'S *
* 2005 239B TB 1162 QB 7873. QBC 9334. QC 1461. 2005 239C TC 1162 QC 1461. QCB 9334. QB 7873. *
* 2005 239BC TBC 1162 QBC 9334. QB 7873. QC 1461. *

LOCATION	SUBAREA	AREA	Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
2005 239BC	633.	1461.	4237.	9334.	5	35.	0.06760	17.00	0.00	0.00	0.	10	0	B98	0.00
2005 240B	0.	0.	4237.	9333.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	B98	0.00
2005 241B	0.	0.	4237.	9333.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	B98	0.00
2005 242C	59.	183.	59.	183.	3	3007.	0.08660	0.00	0.00	0.00	0.	10	11	B98	0.06
2005 243C	83.	273.	142.	390.	3	1037.	0.08280	0.00	0.00	0.00	0.	10	10	B98	0.14
2005 244C	75.	234.	217.	593.	4	793.	0.04640	5.00	0.00	0.00	0.	10	11	B98	0.25
2005 245C	59.	184.	276.	759.	4	604.	0.02680	6.25	0.00	0.00	0.	10	11	B98	0.23
2005 246C	55.	181.	331.	921.	4	1387.	0.03270	6.50	0.00	0.00	0.	10	10	B98	0.20

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LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT		
AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV		
2005 247C	32.	100.	363.	1005.	0	0.	0.00000	0.00	0.00	0.	10	11	B98 0.20		
2005 248C	0.	0.	363.	1005.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00		
2005 249D	63.	195.	63.	195.	3	2189.	0.03950	0.00	0.00	0.	20	10	B98 0.13		
2005 250D	41.	135.	104.	263.	4	1123.	0.03340	4.00	0.00	0.	20	9	B98 0.25		
2005 251D	54.	169.	158.	410.	0	0.	0.00000	0.00	0.00	0.	10	11	B98 0.26		
2005 252CD	158.	410.	521.	1415.	5	2243.	0.06750	9.00	0.00	0.	10	0	B98 0.00		
2005 253C	0.	0.	521.	1406.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00		
2005 254C	44.	145.	565.	1520.	5	1213.	0.02950	9.00	0.00	0.	10	10	B98 0.27		
2005 255C	41.	142.	606.	1609.	5	1874.	0.03950	9.00	0.00	0.	10	9	B98 0.27		
2005 256C	43.	149.	649.	1699.	0	0.	0.00000	0.00	0.00	0.	10	9	B98 0.26		
2005 257C	66.	207.	715.	1834.	5	1318.	0.03180	11.00	0.00	0.	20	10	B98 0.25		
2005 258C	48.	144.	763.	1945.	5	2259.	0.03660	11.00	0.00	0.	20	11	B98 0.37		
2005 259C	42.	127.	805.	2016.	0	0.	0.00000	0.00	0.00	0.	20	11	B98 0.44		

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* CONFLUENCE Q'S *
* 2005 260B TB 1162 QB 9333. QBC 11330. QC 1997. 2005 260C TC 1161 QC 2016. QCB 11254. QB 9238. *
* 2005 260BC TBC 1162 QBC 11330. QB 9333. QC 1997. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
2005 260BC	805.	2016.	5042.	11330.	5	1287.	0.12130	16.00	0.00	0.	10	0	B98 0.00
2005 261B	0.	0.	5042.	11309.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 262B	40.	136.	5082.	11347.	0	0.	0.00000	0.00	0.00	0.	20	9	B98 0.54

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* CONFLUENCE Q'S *
* 2005 263A TA 1163 QA 4321. QAB 15543. QB 11222. 2005 263B TB 1162 QB 11347. QBA 15651. QA 4303. *
* 2005 263AB TAB 1162 QAB 15651. QA 4303. QB 11347. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
2005 263AB	5082.	11347.	9042.	15651.	5	554.	0.03880	22.00	0.00	0.	10	0	B98 0.00
2005 264A	0.	0.	9042.	15624.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 265A	0.	0.	9042.	15624.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 266B	78.	259.	78.	259.	4	1968.	0.01870	4.50	0.00	0.	10	10	B98 0.40
2005 267B	65.	217.	143.	451.	0	0.	0.00000	0.00	0.00	0.	10	10	B98 0.61
2005 268AB	143.	451.	9185.	15913.	5	959.	0.00370	47.00	0.00	0.	10	0	B98 0.00
2005 269A	0.	0.	9185.	15866.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 270B	54.	188.	54.	188.	4	2432.	0.03210	3.50	0.00	0.	10	9	B98 0.31
2005 271B	38.	127.	92.	296.	4	442.	0.01520	4.75	0.00	0.	10	10	B98 0.55

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* CONFLUENCE Q'S *
* 2005 272A TA 1163 QA 15866. QAB 16044. QB 178. 2005 272B TB 1158 QB 294. QBA 13555. QA 13261. *
* 2005 272AB TAB 1163 QAB 16044. QA 15866. QB 178. *

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
2005 272AB	92.	294.	9277.	16044.	5	1549.	0.04320	22.00	0.00	0.	10	0	B98 0.00
2005 273A	0.	0.	9277.	16021.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 274A	60.	195.	9337.	16078.	0	0.	0.00000	0.00	0.00	0.	20	10	B98 0.61
2005 275B	84.	229.	84.	229.	1	1943.	0.08630	0.00	0.00	0.	20	12	B98 0.05

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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
2005 276B	51.	158.	135.	350.	1	1459.	0.02390	0.00	0.00	0.	20	10	B98	0.13
2005 277B	53.	178.	188.	400.	4	1003.	0.03910	4.50	0.00	0.	20	9	B98	0.43
2005 278B	28.	94.	216.	443.	5	185.	0.01720	7.00	0.00	0.	20	9	B98	0.46
2005 279C	104.	338.	104.	338.	2	1592.	0.05320	0.00	0.00	0.	20	9	B98	0.12
2005 280BC	104.	327.	320.	763.	5	1706.	0.02900	8.00	0.00	0.	10	0	B98	0.00
2005 281B	70.	218.	390.	945.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.21
2005 282C	86.	236.	86.	236.	4	1276.	0.03410	3.75	0.00	0.	20	12	B98	0.09
2005 283BC	86.	234.	476.	1177.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
2005 284C	0.	0.	0.	234.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 285C	48.	131.	48.	131.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.05
2005 286D	64.	219.	64.	219.	1	2247.	0.10550	0.00	0.00	0.	10	12	C99	0.07
2005 287D	77.	249.	141.	419.	1	795.	0.07340	0.00	0.00	0.	20	9	B98	0.05
2005 288D	33.	114.	174.	492.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.05
2005 289E	56.	212.	56.	212.	1	2610.	0.11110	0.00	0.00	0.	10	10	C99	0.05
2005 290E	76.	207.	132.	377.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.05
2005 291DE	132.	377.	306.	861.	1	2533.	0.12730	0.00	0.00	0.	10	0	B98	0.00
2005 292D	0.	0.	306.	841.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 293D	42.	145.	348.	914.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.05
2005 294CD	348.	914.	396.	1032.	2	1534.	0.04030	0.00	0.00	0.	10	0	B98	0.00
2005 295C	35.	107.	431.	1081.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.06
2005 296C	0.	0.	431.	1081.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 297BC	431.	1081.	907.	2202.	4	689.	0.07210	7.50	0.00	0.	10	0	B98	0.00

* CONFLUENCE Q'S *
* 2005 298A TA 1163 QA 16078. QAB 17989. QB 1911. 2005 298B TB 1159 QB 2197. QBA 16318. QA 14120. *
* 2005 298AB TAB 1162 QAB 18002. QA 15928. QB 2075. *

		SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL		RAIN	PCT
LOCATION		AREA	Q	AREA	Q	TYPE	LNGLTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
2005	298AB	907.	2197.	10244.	18002.	5	1504.	0.11790	19.00	0.00	0.	10	0	B98	0.00
2005	299A	0.	0.	10244.	17991.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	300A	28.	89.	10272.	18016.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.62
2005	301B	58.	168.	58.	168.	4	202.	0.11220	2.75	0.00	0.	20	11	B98	0.07
2005	302AB	58.	167.	10330.	18089.	5	2087.	0.10910	20.00	0.00	0.	10	0	B98	0.00
2005	303B	0.	0.	0.	167.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	304B	42.	134.	42.	134.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.45
2005	305B	75.	248.	117.	383.	4	2326.	0.01720	5.25	0.00	0.	10	10	B98	0.33
2005	306B	62.	207.	179.	554.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.60
2005	307C	0.	0.	0.	1081.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	308C	59.	184.	59.	184.	4	1339.	0.00800	4.50	0.00	0.	10	11	B98	0.25
2005	309C	52.	172.	111.	336.	4	1558.	0.02540	4.50	0.00	0.	10	10	B98	0.32
2005	310C	34.	113.	145.	429.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.44
2005	311C	64.	190.	209.	607.	4	2269.	0.01720	6.25	0.00	0.	10	12	B98	0.25
2005	312D	103.	305.	103.	305.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.25
2005	313D	61.	190.	164.	496.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.25
2005	314D	64.	190.	228.	686.	4	720.	0.02250	6.25	0.00	0.	10	12	B98	0.31
2005	315CD	228.	685.	437.	1231.	4	411.	0.01580	8.00	0.00	0.	10	0	B98	0.00
2005	316C	0.	0.	437.	1228.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	317C	31.	102.	468.	1305.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.25
2005	318C	41.	142.	509.	1435.	5	1958.	0.10100	8.00	0.00	0.	10	9	B98	0.20

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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	IMPV	
2005 319C	38.	131.	547.	1530.	0	0.	0.00000	0.00	0.00	0.	10	9	B98 0.06	
2005 320D	38.	125.	38.	125.	1	713.	0.05910	0.00	0.00	0.	10	10	B98 0.17	
2005 321CD	38.	121.	585.	1650.	1	2076.	0.07590	0.00	0.00	0.	10	0	B98 0.00	
2005 322C	0.	0.	585.	1616.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00	
2005 323C	70.	196.	655.	1787.	4	2377.	0.06700	7.25	0.00	0.	20	12	B98 0.23	
2005 324C	88.	276.	743.	1946.	0	0.	0.00000	0.00	0.00	0.	10	11	B98 0.36	

CONFLUENCE Q'S														
* 2005 325B TB 1157 QB	554. QBC	2216. QC	1661.	2005 325C TC 1161 QC	1946. QCB	2362. QB	416.							
* 2005 325BC TBC 1160 QBC	2434. QB	493. QC	1940.											

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	IMPV	
2005 325BC	743.	1946.	922.	2434.	5	240.	0.09820	10.00	0.00	0.	10	0	B98 0.00	
2005 326AB	922.	2430.	11252.	20260.	0	0.	0.00000	0.00	0.00	0.	10	0	B98 0.00	
2005 327A	0.	0.	11252.	20260.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00	
2005 328A	52.	155.	11304.	20321.	5	1632.	0.07480	22.00	0.00	0.	20	11	B98 0.33	
2005 329A	43.	122.	11347.	20362.	0	0.	0.00000	0.00	0.00	0.	30	11	B98 0.27	
2005 330B	0.	0.	0.	2430.	0	0.	0.00000	0.00	0.00	0.	30	99	B98 0.00	
2005 331B	53.	166.	53.	166.	4	758.	0.10310	2.75	0.00	0.	20	10	B98 0.27	
2005 332B	50.	141.	103.	307.	4	2330.	0.08720	3.50	0.00	0.	20	12	B98 0.32	
2005 333B	56.	165.	159.	459.	0	0.	0.00000	0.00	0.00	0.	20	11	B98 0.25	
2005 334C	40.	124.	40.	124.	0	0.	0.00000	0.00	0.00	0.	20	10	B98 0.16	
2005 335C	71.	207.	111.	331.	4	75.	0.02380	4.75	0.00	0.	20	11	B98 0.16	
2005 336C	55.	152.	166.	484.	4	2332.	0.06900	4.50	0.00	0.	20	12	B98 0.17	
2005 337C	45.	141.	211.	612.	0	0.	0.00000	0.00	0.00	0.	20	10	B98 0.25	
2005 338BC	211.	612.	370.	1069.	5	810.	0.03190	9.00	0.00	0.	10	0	B98 0.00	
2005 339B	28.	84.	398.	1148.	2	366.	0.06680	0.00	0.00	0.	20	11	B98 0.40	
2005 340AB	398.	1145.	11745.	21156.	2	1885.	0.08610	0.00	0.00	0.	10	0	B98 0.00	
2005 341A	0.	0.	11745.	21122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00	
2005 342A	0.	0.	11745.	21122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00	
2005 343A	71.	221.	11816.	21179.	0	0.	0.00000	0.00	0.00	0.	20	10	B98 0.21	
2005 344B	98.	274.	98.	274.	0	0.	0.00000	0.00	0.00	0.	20	12	B98 0.23	
2005 345B	58.	171.	156.	445.	5	1986.	0.02060	7.00	0.00	0.	20	11	B98 0.26	
2005 346B	61.	190.	217.	619.	5	1039.	0.07060	6.00	0.00	0.	10	11	B98 0.26	
2005 347C	0.	0.	0.	612.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00	
2005 348C	68.	212.	68.	212.	2	898.	0.05420	0.00	0.00	0.	10	11	B98 0.23	
2005 349BC	68.	210.	285.	825.	2	1434.	0.06100	0.00	0.00	0.	10	0	B98 0.00	
2005 350B	49.	162.	334.	962.	0	0.	0.00000	0.00	0.00	0.	10	10	B98 0.23	
2005 351AB	334.	962.	12150.	21917.	2	305.	0.12660	0.00	0.00	0.	10	0	B98 0.00	
2005 352B	0.	0.	0.	962.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00	
2005 353B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00	
2005 354B	32.	95.	32.	95.	4	1906.	0.06640	2.50	0.00	0.	10	12	B98 0.19	
2005 355B	30.	94.	62.	184.	0	0.	0.00000	0.00	0.00	0.	10	11	B98 0.32	
2005 356C	43.	127.	43.	127.	0	0.	0.00000	0.00	0.00	0.	10	12	B98 0.16	
2005 357BC	43.	127.	105.	310.	4	1861.	0.03300	4.25	0.00	0.	10	0	B98 0.00	
2005 358B	0.	0.	105.	305.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00	
2005 359B	61.	193.	166.	481.	5	2214.	0.09750	6.00	0.00	0.	20	10	B98 0.33	
2005 360B	42.	132.	208.	597.	0	0.	0.00000	0.00	0.00	0.	20	10	B98 0.30	

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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 *****														
* 2005 361A TA 1163 QA	21908. QAB	22318. QB	409.	2005 361B TB 1158 QB	597. QBA	18831. QA	18234.							
* 2005 361AB TAB 1163 QAB	22318. QA	21908. QB	409.											

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
2005 361AB	208.	597.	12358.	22318.	2	1243.	0.12580	0.00	0.00	0.	10	0	B98	0.00
2005 362A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 363A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 364A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 365A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 366A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 367A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 368A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 369A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 370A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 371A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 372A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 373A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 374A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 375A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 376A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 377A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 378A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 379A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 380A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 381A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 382A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 383A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 384A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 385A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 386A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 387A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 388A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 389A	0.	0.	12358.	22290.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 390B	0.	0.	0.	597.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 391B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 392B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 393B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 394B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 395B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 396B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 397B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 398B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 399B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 400B	41.	165.	41.	165.	4	388.	0.02190	3.75	0.00	0.	10	9	C99	0.15
2005 401B	38.	163.	79.	327.	4	888.	0.01810	4.75	0.00	0.	10	8	C99	0.21
2005 402B	0.	0.	79.	323.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 403B	69.	262.	148.	580.	4	1987.	0.01570	6.25	0.00	0.	10	10	C99	0.19

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LOCATION	SUBAREA	AREA	Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LENGTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
2005 404B	64.	230.	212.	785.	4	1567.	0.04450	5.75	0.00	0.00	0.	20	10	C99	0.17
2005 405B	0.	0.	212.	775.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	C99	0.00
2005 406B	0.	0.	212.	775.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	C99	0.00
2005 407B	62.	223.	274.	976.	2	826.	0.08900	0.00	0.00	0.00	0.	20	10	C99	0.18
2005 408B	0.	0.	274.	967.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	C99	0.00
2005 409B	85.	307.	359.	1252.	4	1712.	0.05700	6.50	0.00	0.00	0.	20	10	C99	0.19
2005 410B	0.	0.	359.	1234.	0	0.	0.00000	0.00	0.00	0.00	0.	10	99	C99	0.00

* HYDROGRAPH FATTENED AT 410B *

* INCOMING HYDROGRAPH PEAK = 1233.78	INCOMING HYDROGRAPH VOLUME = 224.35 AC.FT.	*
* HYDROGRAPH ADJUSTMENT FACTOR = 0.96000	RUNOFF FACTOR = 7.90 IN.	*
* ADJUSTED HYDROGRAPH PEAK = 1184.43	ADJUSTED HYDROGRAPH VOLUME = 215.37 AC.FT.	*
* ADJ/FATTENED HYDROGRAPH PEAK = 1184.43	ADJ/FATTENED HYDROGRAPH VOLUME = 236.26 AC.FT.	*

* RESERVOIR ROUTING AT 410B *

* INCOMING HYDROGRAPH PEAK = 1184.43	INCOMING HYDROGRAPH VOLUME = 236.26 AC.FT.	*
* HYDROGRAPH ADJUSTMENT FACTOR = 0.96000		*
* RESERVOIR INFLOW PEAK = 1184.43 TIME OF PEAK = 1159	VOLUME UNDER INFLOW HYDROGRAPH = 236.26 AC.FT.	*
* MAXIMUM ELEVATION = 810.66 TIME = 1173	SPILLAGE ELEVATION = 812.60 DIFFERENCE = -1.94	*
* SPILLED FROM **** TO 1285 FOR **** MINUTES		*
* RESERVOIR OUTFLOW PEAK = 335.58 TIME OF PEAK = 1173	VOLUME UNDER OUTFLOW HYDROGRAPH = 224.19 AC.FT.	*

2005 410B	0.	0.	359.	336.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 411B	83.	299.	442.	581.	0	0.	0.00000	0.00	0.00	0.	20	10	C99	0.18
2005 412B	0.	0.	442.	581.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 413C	62.	235.	62.	235.	5	1088.	0.00690	20.00	5.00	0.	10	10	C99	0.23
2005 414C	62.	224.	124.	395.	5	1826.	0.01920	20.00	5.00	0.	20	10	C99	0.19
2005 415C	61.	234.	185.	469.	5	1277.	0.07450	20.00	4.00	0.	20	9	C99	0.20
2005 416C	77.	276.	262.	699.	5	1160.	0.05660	20.00	4.00	0.	20	10	C99	0.11
2005 417C	41.	155.	303.	784.	5	1449.	0.02390	20.00	4.00	0.	20	9	C99	0.05
2005 418C	0.	0.	303.	748.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 419C	37.	140.	340.	793.	0	0.	0.00000	0.00	0.00	0.	20	9	C99	0.05
2005 420D	63.	216.	63.	216.	0	0.	0.00000	0.00	0.00	0.	10	12	C99	0.05
2005 421D	63.	216.	126.	432.	5	1764.	0.02740	18.00	4.00	0.	10	12	C99	0.05
2005 422D	67.	225.	193.	583.	5	901.	0.05420	18.00	4.00	0.	30	10	C99	0.05
2005 423D	50.	189.	243.	691.	5	1770.	0.04150	18.00	4.00	0.	20	9	C99	0.05
2005 424D	45.	152.	288.	758.	0	0.	0.00000	0.00	0.00	0.	20	11	C99	0.05
2005 425CD	288.	758.	628.	1551.	5	1132.	0.01530	18.00	5.00	0.	10	0	C99	0.00
2005 426C	0.	0.	628.	1515.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 427C	66.	305.	694.	1554.	0	0.	0.00000	0.00	0.00	0.	30	6	C99	0.05
2005 428BC	694.	1554.	1136.	1970.	5	1184.	0.02100	12.00	0.00	0.	10	0	C99	0.00

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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
2005 429B	0.	0.	1136.	1964.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 430C	83.	296.	83.	296.	0	0.	0.00000	0.00	0.00	0.	20	10	C99	0.05
2005 431C	40.	138.	123.	433.	5	764.	0.09210	12.00	4.00	0.	10	12	C99	0.19
2005 432C	80.	287.	203.	711.	5	1584.	0.06970	12.00	4.00	0.	10	11	C99	0.05
2005 433C	71.	253.	274.	929.	5	522.	0.17370	12.00	4.00	0.	20	10	C99	0.05
2005 434C	80.	287.	354.	1193.	5	1685.	0.10450	12.00	3.00	0.	10	11	C99	0.05
2005 435C	73.	276.	427.	1374.	5	2044.	0.05660	12.00	4.00	0.	10	10	C99	0.06
2005 436C	73.	260.	500.	1432.	5	1891.	0.01360	12.00	4.00	0.	20	10	C99	0.06
2005 437C	57.	192.	557.	1376.	5	92.	0.00960	12.00	0.00	0.	30	10	C99	0.05
2005 438BC	557.	1375.	1693.	3313.	5	739.	0.02600	14.00	0.00	0.	10	0	C99	0.00
2005 439B	0.	0.	1693.	3308.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 440D	54.	204.	54.	204.	2	1974.	0.12150	0.00	0.00	0.	10	10	C99	0.08
2005 441D	62.	213.	116.	409.	4	270.	0.06640	4.25	0.00	0.	10	12	C99	0.10
2005 442D	52.	197.	168.	602.	4	1866.	0.04380	5.25	0.00	0.	10	10	C99	0.10
2005 443D	0.	0.	168.	598.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 444E	58.	223.	58.	223.	4	456.	0.02800	4.00	0.00	0.	20	9	C99	0.23
2005 445DE	58.	223.	226.	810.	4	529.	0.02960	6.25	0.00	0.	10	0	C99	0.00
2005 446D	0.	0.	226.	805.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 447D	31.	112.	257.	912.	4	623.	0.02010	7.00	0.00	0.	20	10	C99	0.22
2005 448D	44.	177.	301.	1069.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.23
2005 449D	0.	0.	301.	1069.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 450D	92.	348.	393.	1406.	4	1009.	0.02890	7.75	0.00	0.	10	10	C99	0.14
2005 451D	0.	0.	393.	1397.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 452E	47.	180.	47.	180.	4	429.	0.01360	4.25	0.00	0.	20	9	C99	0.23
2005 453DE	47.	180.	440.	1563.	5	1200.	0.02120	11.00	0.00	0.	10	0	C99	0.00
2005 454D	0.	0.	440.	1551.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 455E	73.	264.	73.	264.	4	1264.	0.02960	4.00	0.00	0.	20	10	C99	0.21
2005 456E	52.	224.	125.	479.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.24
2005 457DE	125.	479.	565.	1969.	5	2057.	0.03740	11.00	0.00	0.	10	0	C99	0.00
2005 458D	88.	319.	653.	2252.	0	0.	0.00000	0.00	0.00	0.	20	10	C99	0.25
2005 459BD	653.	2252.	2346.	5094.	5	271.	0.00800	20.00	0.00	0.	10	0	C99	0.00
2005 460B	51.	188.	2397.	5193.	5	259.	0.01780	17.00	0.00	0.	30	9	C99	0.25
2005 461C	33.	125.	33.	125.	4	1348.	0.03340	3.00	0.00	0.	10	10	C99	0.13
2005 462BC	33.	123.	2430.	5307.	5	666.	0.01210	19.00	0.00	0.	10	0	C99	0.00
2005 463B	42.	160.	2472.	5417.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.25
2005 464B	39.	148.	2511.	5526.	5	1043.	0.03500	16.00	0.00	0.	10	10	C99	0.14
2005 465B	45.	186.	2556.	5598.	0	0.	0.00000	0.00	0.00	0.	20	8	C99	0.26
2005 466B	0.	0.	2556.	5598.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
2005 467B	0.	0.	2556.	5598.	0	0.	0.00000	0.00	0.00	0.	20	99	C99	0.00
2005 467B	0.	0.	2556.	4926.	0	0.	0.00000	0.00	0.00	0.	0	99	0	0.00

*
* CONFLUENCE Q'S *
* 2005 468B TB 1159 QB 4926. QBF 2200. QF 2726. 2005 468F TF 1159 QF 2726. QFB 2200. QB 4926. *
* 2005 468BF TBF 1147 QBF 2200. QB 2228. QF 28. *

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
2005 468BF	0.	2726.	2556.	2200.	5	923.	0.08250	3.00	2.00	2200.	10	0	C99	0.00
2005 468F	0.	0.	0.	2726.	4	48.	0.08800	8.00	0.00	0.	10	99	C99	0.00

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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

* RESERVOIR ROUTING AT 468F *														
* INCOMING HYDROGRAPH PEAK	=	2725.12												*
* INCOMING HYDROGRAPH VOLUME	=	65.81 AC.FT.												*
* HYDROGRAPH ADJUSTMENT FACTOR	=	1.00000												*
* RESERVOIR INFLOW PEAK	=	2725.12	TIME OF PEAK =	1160	VOLUME UNDER INFLOW	HYDROGRAPH =	65.81 AC.FT.							*
* MAXIMUM ELEVATION	=	727.30	TIME	=	1166	SPILLAGE ELEVATION	=	724.60	DIFFERENCE =	+2.70				*
* SPILLED FROM 1161 TO 1182 FOR	22 MINUTES													*
* RESERVOIR OUTFLOW PEAK	=	2090.79	TIME OF PEAK =	1166	VOLUME UNDER OUTFLOW	HYDROGRAPH =	65.77 AC.FT.							*

2005	468F	0.	0.	0.	2091.	0	0.	0.00000	0.00	0.00	0.	10	99	C99 0.00

* CONFLUENCE Q'S *														
* 2005	469B	TB 1150 QB	2200. QBF	2213. QF	13.	2005	469F	TF 1166 QF	2091. QFB	4291. QB	2200.			*
* 2005	469BF	TBF 1166 QBF	4291. QB	2200. QF	2091.									*

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
2005	469BF	0.	2091.	2556.	4291.	0	0.	0.00000	0.00	0.00	0.	10	0	C99 0.00
2005	470B	26.	108.	2582.	4310.	0	0.	0.00000	0.00	0.00	0.	20	8	C99 0.30
2005	471C	32.	111.	32.	111.	4	1057.	0.10860	2.50	0.00	0.	10	9	B98 0.20
2005	472C	85.	279.	117.	388.	4	977.	0.06580	4.00	0.00	0.	10	10	B98 0.13
2005	473C	20.	73.	137.	455.	0	0.	0.00000	0.00	0.00	0.	10	8	B98 0.21
2005	474C	75.	246.	212.	697.	2	601.	0.04000	0.00	0.00	0.	10	10	B98 0.10
2005	475C	0.	0.	212.	693.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00

* HYDROGRAPH FATTENED AT 475C *														
* INCOMING HYDROGRAPH PEAK	=	693.20												*
* INCOMING HYDROGRAPH VOLUME	=	74.50 AC.FT.												*
* HYDROGRAPH ADJUSTMENT FACTOR	=	1.00000												*
* RUNOFF FACTOR	=	6.91 IN.												*
* ADJUSTED HYDROGRAPH PEAK	=	693.20												*
* ADJUSTED HYDROGRAPH VOLUME	=	74.50 AC.FT.												*
* ADJ/FATTENED HYDROGRAPH PEAK	=	693.20												*
* ADJ/FATTENED HYDROGRAPH VOLUME	=	122.04 AC.FT.												*

* RESERVOIR ROUTING AT 475C *														
* INCOMING HYDROGRAPH PEAK	=	693.20												*
* INCOMING HYDROGRAPH VOLUME	=	122.04 AC.FT.												*
* HYDROGRAPH ADJUSTMENT FACTOR	=	1.00000												*
* RESERVOIR INFLOW PEAK	=	693.20	TIME OF PEAK =	1156	VOLUME UNDER INFLOW	HYDROGRAPH =	122.04 AC.FT.							*
* MAXIMUM ELEVATION	=	903.91	TIME	=	1159	SPILLAGE ELEVATION	=	902.48	DIFFERENCE =	+1.43				*
* SPILLED FROM 1153 TO 1182 FOR	30 MINUTES													*
* RESERVOIR OUTFLOW PEAK	=	630.50	TIME OF PEAK =	1159	VOLUME UNDER OUTFLOW	HYDROGRAPH =	115.38 AC.FT.							*

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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
2005 475C	0.	0.	212.	630.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
2005 476C	0.	0.	212.	630.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 477C	38.	125.	250.	713.	2	787.	0.02800	0.00	0.00	0.	20	9	B98	0.23
2005 478C	0.	0.	250.	711.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

* RESERVOIR ROUTING AT 478C *

* INCOMING HYDROGRAPH PEAK = 711.22 INCOMING HYDROGRAPH VOLUME = 126.70 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *

* RESERVOIR INFLOW PEAK = 711.22 TIME OF PEAK = 1160 VOLUME UNDER INFLOW HYDROGRAPH = 126.70 AC.FT. *

* MAXIMUM ELEVATION = 885.38 TIME = 1168 SPILLAGE ELEVATION = 884.25 DIFFERENCE = +1.13 *

* SPILLED FROM 1163 TO 1261 FOR 99 MINUTES *

* RESERVOIR OUTFLOW PEAK = 421.44 TIME OF PEAK = 1168 VOLUME UNDER OUTFLOW HYDROGRAPH = 120.47 AC.FT. *

2005 478C	0.	0.	250.	421.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
2005 479C	0.	0.	250.	421.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 480C	30.	110.	280.	437.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.21
2005 481C	44.	145.	324.	461.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.15
2005 482C	0.	0.	324.	461.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 483C	0.	0.	324.	461.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 484E	48.	157.	48.	157.	4	1372.	0.05920	3.00	0.00	0.	20	9	B98	0.19
2005 485E	45.	139.	93.	291.	4	1235.	0.03390	4.25	0.00	0.	20	10	B98	0.15
2005 486E	26.	89.	119.	370.	0	0.	0.00000	0.00	0.00	0.	30	8	B98	0.38
2005 487CE	119.	370.	443.	782.	2	961.	0.01890	0.00	0.00	0.	10	0	B98	0.00
2005 488C	0.	0.	443.	770.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00

* RESERVOIR ROUTING AT 488C *

* INCOMING HYDROGRAPH PEAK = 769.84 INCOMING HYDROGRAPH VOLUME = 181.75 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *

* RESERVOIR INFLOW PEAK = 769.84 TIME OF PEAK = 1157 VOLUME UNDER INFLOW HYDROGRAPH = 181.75 AC.FT. *

* MAXIMUM ELEVATION = 865.44 TIME = 1251 SPILLAGE ELEVATION = 865.25 DIFFERENCE = +0.19 *

* SPILLED FROM 1240 TO 1350 FOR 111 MINUTES *

* RESERVOIR OUTFLOW PEAK = 219.41 TIME OF PEAK = 1251 VOLUME UNDER OUTFLOW HYDROGRAPH = 148.30 AC.FT. *

2005 488C	0.	0.	443.	219.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
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LOCATION	SUBAREA	AREA	Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LGNTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	TC	RAIN ZONE	PCT IMPV
2005 489C	0.	0.	0.	443.	219.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 490C	28.	95.	0.	471.	223.	0	0.	0.00000	0.00	0.00	0.	30	8	B98	0.29
2005 491C	27.	94.	0.	498.	313.	2	698.	0.02500	0.00	0.00	0.	20	8	B98	0.22
2005 492C	0.	0.	0.	498.	311.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

* RESERVOIR ROUTING AT 492C *

* INCOMING HYDROGRAPH PEAK = 310.78 INCOMING HYDROGRAPH VOLUME = 164.23 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 0.94000 *

* RESERVOIR INFLOW PEAK = 292.13 TIME OF PEAK = 1156 VOLUME UNDER INFLOW HYDROGRAPH = 154.38 AC.FT. *

* MAXIMUM ELEVATION = 841.38 TIME = 1310 SPILLAGE ELEVATION = 842.45 DIFFERENCE = -1.07 *

* SPILLED FROM **** TO 1350 FOR **** MINUTES *

* RESERVOIR OUTFLOW PEAK = 191.63 TIME OF PEAK = 1310 VOLUME UNDER OUTFLOW HYDROGRAPH = 147.22 AC.FT. *

2005	492C	0.	0.	498.	192.	0	0.	0.00000	0.00	0.00	0.	0	0	0	0.00
2005	493C	0.	0.	498.	192.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	494C	0.	0.	498.	192.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	495D	76.	249.	76.	249.	4	1517.	0.02970	4.00	0.00	0.	10	10	B98	0.07
2005	496E	67.	220.	67.	220.	4	1147.	0.05860	3.50	0.00	0.	10	10	B98	0.14
2005	497E	31.	108.	98.	324.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.21
2005	498DE	98.	324.	174.	563.	4	881.	0.05940	4.75	0.00	0.	10	0	B98	0.00
2005	499CD	174.	558.	672.	729.	4	599.	0.02180	6.25	0.00	0.	10	0	B98	0.00
2005	500C	0.	0.	672.	724.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	501E	37.	115.	37.	115.	4	917.	0.02750	3.00	0.00	0.	20	10	B98	0.17
2005	502E	36.	111.	73.	221.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.13
2005	503CE	73.	221.	745.	938.	5	1134.	0.02330	9.00	0.00	0.	10	0	B98	0.00
2005	504C	0.	0.	745.	929.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	505C	66.	217.	811.	1116.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.22
2005	506D	42.	138.	42.	138.	4	566.	0.04160	3.00	0.00	0.	10	10	B98	0.17
2005	507CD	42.	137.	853.	1248.	5	105.	0.04840	9.00	0.00	0.	10	0	B98	0.00
2005	508C	29.	100.	882.	1329.	5	834.	0.05710	9.00	0.00	0.	30	8	B98	0.43
2005	509C	0.	0.	882.	1320.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	510D	30.	93.	30.	93.	2	1893.	0.05140	0.00	0.00	0.	10	11	B98	0.05
2005	511D	55.	188.	85.	255.	0	0.	0.00000	0.00	0.00	0.	30	8	B98	0.38
2005	512D	0.	0.	85.	255.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	513E	48.	149.	48.	149.	4	976.	0.09780	2.75	0.00	0.	20	10	B98	0.15
2005	514DE	48.	148.	133.	401.	4	263.	0.03010	4.75	0.00	0.	10	0	B98	0.00
2005	515CD	133.	400.	1015.	1707.	5	917.	0.02990	11.00	0.00	0.	10	0	B98	0.00
2005	516C	0.	0.	1015.	1692.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	517C	0.	0.	1015.	1692.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	518D	47.	145.	47.	145.	4	3156.	0.04520	3.00	0.00	0.	10	11	B98	0.05
2005	519D	75.	233.	122.	349.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.17
2005	520CD	122.	349.	1137.	2039.	2	79.	0.03470	0.00	0.00	0.	10	0	B98	0.00

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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
2005 521D	78.	298.	78.	298.	4	985.	0.06750	3.75	0.00	0.	20	9	C99 0.18
2005 522D	56.	216.	134.	513.	4	958.	0.08780	4.25	0.00	0.	20	9	C99 0.28
2005 523D	38.	147.	172.	654.	4	2241.	0.09470	4.75	0.00	0.	20	9	C99 0.29
2005 524D	58.	201.	230.	838.	0	0.	0.00000	0.00	0.00	0.	10	9	B98 0.27
2005 525CD	230.	838.	1367.	2875.	2	1362.	0.00770	0.00	0.00	0.	10	0	B98 0.00
2005 526E	24.	99.	24.	99.	2	751.	0.04430	0.00	0.00	0.	20	8	C99 0.29
2005 527C	54.	159.	1421.	2918.	0	0.	0.00000	0.00	0.00	0.	20	11	B98 0.21
2005 528CE	24.	98.	1445.	2998.	5	551.	0.01400	15.00	0.00	0.	10	0	B98 0.00
2005 529C	0.	0.	1445.	2983.	0	0.	0.00000	0.00	0.00	0.	10	99	C99 0.00
2005 530D	69.	226.	69.	226.	4	1151.	0.01140	4.75	0.00	0.	20	9	B98 0.19
2005 531D	31.	109.	100.	324.	0	0.	0.00000	0.00	0.00	0.	20	8	B98 0.26
2005 532CD	100.	324.	1545.	3242.	0	0.	0.00000	0.00	0.00	0.	10	0	B98 0.00
2005 533CE	0.	2302.	1545.	940.	5	704.	0.03750	8.00	0.00	940.	10	0	B98 0.00
2005 533E	0.	0.	0.	2302.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00

RESERVOIR ROUTING AT 533E

* INCOMING HYDROGRAPH PEAK = 2302.16 INCOMING HYDROGRAPH VOLUME = 39.95 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 0.91500 *

* RESERVOIR INFLOW PEAK = 2106.48 TIME OF PEAK = 1159 VOLUME UNDER INFLOW HYDROGRAPH = 36.55 AC.FT. *

* MAXIMUM ELEVATION = 737.12 TIME = 1173 SPILLAGE ELEVATION = 739.60 DIFFERENCE = -2.48 *

* SPILLED FROM **** TO 1350 FOR **** MINUTES *

* RESERVOIR OUTFLOW PEAK = 26.00 TIME OF PEAK = 1173 VOLUME UNDER OUTFLOW HYDROGRAPH = 9.39 AC.FT. *

2005 533E 0. 0. 0. 26. 0 0. 0.00000 0.00 0.00 0. 10 99 C99 0.00

CONFLUENCE Q'S

* 2005 534C TC 1143 QC 940. QCE 940. QE 0. 2005 534E TE 1173 QE 26. QEC 957. QC 931. *

* 2005 534CE TCE 1172 QCE 966. QC 940. QE 26. *

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
2005 534CE	0.	26.	1545.	966.	2	1393.	0.02050	0.00	0.00	0.	10	0	B98 0.00
2005 535C	62.	225.	1607.	1165.	2	1274.	0.04080	0.00	0.00	0.	20	10	C99 0.24
2005 536C	34.	131.	1641.	1292.	0	0.	0.00000	0.00	0.00	0.	20	9	C99 0.23
2005 537BC	1641.	1292.	4223.	5343.	5	83.	0.00770	20.00	0.00	0.	10	0	C99 0.00
2005 538D	26.	112.	26.	112.	4	250.	0.02160	3.25	0.00	0.	10	8	C99 0.26
2005 539BD	26.	112.	4249.	5365.	5	1551.	0.01660	18.00	0.00	0.	10	0	C99 0.00
2005 540B	65.	251.	4314.	5395.	0	0.	0.00000	0.00	0.00	0.	20	9	C99 0.32
2005 541B	0.	0.	4314.	5395.	0	0.	0.00000	0.00	0.00	0.	10	99	C99 0.00
2005 542C	55.	195.	55.	195.	0	0.	0.00000	0.00	0.00	0.	20	8	B98 0.35
2005 543BC	55.	195.	4369.	5423.	5	1285.	0.03060	16.00	0.00	0.	10	0	B98 0.00
2005 544D	58.	191.	58.	191.	4	965.	0.01350	4.25	0.00	0.	10	10	B98 0.19

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THOUS.OAKS SDSMP.ARR.CONEJO,100-YR DCL/DBT 9/06 FN=ARRCONBN.99I

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
2005 545D	31.	104.	89.	287.	0	0.	0.00000	0.00	0.00	0.	30	8	B98 0.25
2005 546BD	89.	287.	4458.	5467.	5	1521.	0.03520	16.00	0.00	0.	10	0	B98 0.00
2005 547B	48.	175.	4506.	5474.	0	0.	0.00000	0.00	0.00	0.	30	7	B98 0.32
2005 548B	0.	0.	4506.	5474.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 549C	83.	244.	83.	244.	0	0.	0.00000	0.00	0.00	0.	10	12	B98 0.09
2005 550C	34.	100.	117.	344.	0	0.	0.00000	0.00	0.00	0.	10	12	B98 0.05
2005 551C	44.	129.	161.	473.	0	0.	0.00000	0.00	0.00	0.	10	12	B98 0.05
2005 552C	0.	0.	161.	473.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00

* HYDROGRAPH FATTENED AT 552C *

* INCOMING HYDROGRAPH PEAK = 473.30 INCOMING HYDROGRAPH VOLUME = 50.49 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 RUNOFF FACTOR = 6.05 IN. *

* ADJUSTED HYDROGRAPH PEAK = 473.30 ADJUSTED HYDROGRAPH VOLUME = 50.49 AC.FT. *

* ADJ/FATTENED HYDROGRAPH PEAK = 473.30 ADJ/FATTENED HYDROGRAPH VOLUME = 81.16 AC.FT. *

* RESERVOIR ROUTING AT 552C *

* INCOMING HYDROGRAPH PEAK = 473.30 INCOMING HYDROGRAPH VOLUME = 81.16 AC.FT. *

* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *

* RESERVOIR INFLOW PEAK = 473.30 TIME OF PEAK = 1154 VOLUME UNDER INFLOW HYDROGRAPH = 81.16 AC.FT. *

* MAXIMUM ELEVATION = 733.72 TIME = 1156 SPILLAGE ELEVATION = 734.00 DIFFERENCE = -0.28 *

* SPILLED FROM **** TO 1350 FOR **** MINUTES *

* RESERVOIR OUTFLOW PEAK = 470.43 TIME OF PEAK = 1156 VOLUME UNDER OUTFLOW HYDROGRAPH = 76.26 AC.FT. *

2005 552C	0.	0.	161.	470.	4	2191.	0.03480	5.00	0.00	0.	10	0	B98 0.00
2005 553C	0.	0.	161.	465.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 554C	66.	194.	227.	642.	4	391.	0.01500	6.50	0.00	0.	20	11	B98 0.22
2005 555C	18.	65.	245.	687.	4	276.	0.00960	7.25	0.00	0.	30	7	B98 0.30
2005 556BC	245.	684.	4751.	5797.	5	2526.	0.01550	18.00	0.00	0.	10	0	B98 0.00
2005 557B	39.	110.	4790.	5758.	0	0.	0.00000	0.00	0.00	0.	30	11	B98 0.23
2005 558B	0.	0.	4790.	5758.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 559B	0.	0.	4790.	5758.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 560C	68.	213.	68.	213.	4	821.	0.03260	3.75	0.00	0.	20	10	B98 0.25
2005 561D	27.	89.	27.	89.	4	1300.	0.03410	2.75	0.00	0.	10	10	B98 0.10
2005 562D	71.	224.	98.	304.	0	0.	0.00000	0.00	0.00	0.	20	10	B98 0.30
2005 563CD	98.	304.	166.	515.	4	1222.	0.02290	5.50	0.00	0.	10	0	B98 0.00
2005 564E	52.	161.	52.	161.	4	1534.	0.03460	3.25	0.00	0.	10	11	B98 0.08
2005 565E	32.	90.	84.	244.	0	0.	0.00000	0.00	0.00	0.	30	11	B98 0.25
2005 566CE	84.	244.	250.	753.	4	981.	0.02550	6.25	0.00	0.	10	0	B98 0.00
2005 567C	0.	0.	250.	749.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 568D	58.	203.	58.	203.	4	2017.	0.10390	3.00	0.00	0.	10	9	B98 0.57
2005 569D	66.	212.	124.	407.	5	953.	0.02780	6.00	0.00	0.	20	10	B98 0.49

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THOUS.OAKS SDSMP.ARR.CONEJO,100-YR DCL/DBT 9/06 FN=ARRCONBN.99I														
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	STORM DAY 4
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME		ZONE	PCT
2005 570D	0.	0.	124.	404.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 571D	0.	0.	124.	404.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 572D	35.	96.	159.	498.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.12
2005 573CD	159.	498.	409.	1233.	5	1380.	0.01450	11.00	0.00	0.	10	0	B98	0.00
2005 574D	63.	183.	63.	183.	4	829.	0.00850	4.50	0.00	0.	20	11	B98	0.10
2005 575D	72.	214.	135.	385.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.21
2005 576CD	135.	385.	544.	1585.	5	1490.	0.00700	13.00	0.00	0.	10	0	B98	0.00
2005 577E	38.	131.	38.	131.	4	1899.	0.02580	3.25	0.00	0.	10	9	B98	0.08
2005 578E	29.	76.	67.	199.	0	0.	0.00000	0.00	0.00	0.	40	12	B98	0.36
2005 579CE	67.	199.	611.	1739.	2	1405.	0.00280	0.00	0.00	0.	10	0	B98	0.00
2005 580C	56.	159.	667.	1657.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.38
2005 581D	52.	162.	52.	162.	4	1172.	0.00420	5.00	0.00	0.	20	10	B98	0.21
2005 582CD	52.	154.	719.	1760.	5	1077.	0.00350	16.00	0.00	0.	10	0	B98	0.00
2005 583BC	719.	1738.	5509.	7306.	5	619.	0.00500	25.00	0.00	0.	10	0	B98	0.00
2005 584B	0.	0.	5509.	7289.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 585B	54.	169.	5563.	7316.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.25
2005 586B	0.	0.	5563.	7316.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 587B	76.	205.	5639.	7352.	5	478.	0.00220	31.00	0.00	0.	30	12	B98	0.28
2005 588B	45.	130.	5684.	7345.	0	0.	0.00000	0.00	0.00	0.	30	11	B98	0.36
2005 589C	45.	170.	45.	170.	4	2024.	0.03800	3.25	0.00	0.	10	10	C99	0.13
2005 590C	60.	177.	105.	331.	4	447.	0.04970	4.00	0.00	0.	30	10	B98	0.16
2005 591D	31.	111.	31.	111.	4	1850.	0.04370	2.75	0.00	0.	20	10	C99	0.14
2005 592D	42.	130.	73.	232.	4	461.	0.04520	3.75	0.00	0.	20	10	B98	0.18
2005 593CD	73.	231.	178.	561.	4	543.	0.02350	5.75	0.00	0.	10	0	B98	0.00
2005 594C	0.	0.	178.	560.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 595C	81.	257.	259.	799.	4	947.	0.03460	6.00	0.00	0.	30	9	B98	0.29
2005 596C	49.	153.	308.	938.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.25
2005 597D	96.	300.	96.	300.	4	1263.	0.03750	4.25	0.00	0.	20	10	B98	0.22
2005 598CD	96.	295.	404.	1228.	5	1520.	0.00360	14.00	0.00	0.	10	0	B98	0.00
2005 599C	69.	207.	473.	1363.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.25
2005 600C	0.	0.	473.	1363.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 601BC	473.	1363.	6157.	8226.	5	1308.	0.00180	37.00	0.00	0.	10	0	B98	0.00
2005 602B	0.	0.	6157.	8188.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 603B	56.	169.	6213.	8274.	5	1154.	0.00200	37.00	0.00	0.	30	10	B98	0.29
2005 604B	38.	145.	6251.	8261.	0	0.	0.00000	0.00	0.00	0.	20	7	B98	0.41
2005 605B	0.	0.	6251.	8261.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 606C	42.	168.	42.	168.	1	3019.	0.09240	0.00	0.00	0.	10	9	C99	0.05
2005 607C	62.	202.	104.	320.	0	0.	0.00000	0.00	0.00	0.	20	12	C99	0.18
2005 608C	73.	251.	177.	552.	1	2502.	0.05500	0.00	0.00	0.	10	12	C99	0.16
2005 609C	54.	158.	231.	625.	4	1770.	0.01610	6.25	0.00	0.	20	11	B98	0.17
2005 610C	81.	259.	312.	750.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.33
2005 611BC	312.	750.	6563.	8930.	5	1566.	0.00150	42.00	0.00	0.	10	0	B98	0.00
2005 612B	0.	0.	6563.	8876.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 613C	51.	167.	51.	167.	2	3879.	0.02610	0.00	0.00	0.	30	10	B98	0.76
2005 614C	44.	129.	95.	214.	2	1740.	0.00340	0.00	0.00	0.	30	11	B98	0.44
2005 615C	54.	184.	149.	262.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.55
2005 616BC	149.	262.	6712.	9076.	5	69.	0.00140	44.00	0.00	0.	10	0	B98	0.00
2005 617B	62.	204.	6774.	9111.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.21
2005 618B	0.	0.	6774.	9111.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

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THOUS.OAKS SDSMP.ARR.CONEJO,100-YR DCL/DBT 9/06 FN=ARRCONBN.99I STORM DAY 4

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

* HYDROGRAPH FATTENED AT 618B *													
* INCOMING HYDROGRAPH PEAK	=	9110.60											*
* HYDROGRAPH ADJUSTMENT FACTOR	=	0.87200											*
* ADJUSTED HYDROGRAPH PEAK	=	7944.44											*
* ADJ/FATTENED HYDROGRAPH PEAK	=	7944.44											*

* RESERVOIR ROUTING AT 618B *													
* INCOMING HYDROGRAPH PEAK	=	7944.44											*
* HYDROGRAPH ADJUSTMENT FACTOR	=	0.87200											*
* RESERVOIR INFLOW PEAK	=	7944.44	TIME OF PEAK	=	1165	VOLUME UNDER INFLOW	HYDROGRAPH	=	3729.60	AC.FT.			*
* MAXIMUM ELEVATION	=	643.53	TIME	=	1202	SPILLAGE ELEVATION	=	642.40	DIFFERENCE	=	+1.13		*
* SPILLED FROM 1158 TO 1274 FOR 117 MINUTES													*
* RESERVOIR OUTFLOW PEAK	=	5435.30	TIME OF PEAK	=	1202	VOLUME UNDER OUTFLOW	HYDROGRAPH	=	3543.29	AC.FT.			*

2005 618B	0.	0.	6774.	5435.	5	996.	0.00180	27.00	0.00	0.	10	0	B98 0.00
2005 619D	28.	83.	28.	83.	3	2574.	0.03320	0.00	0.00	0.	10	12	B98 0.18
2005 620D	47.	131.	75.	176.	4	1103.	0.01650	4.00	0.00	0.	20	12	B98 0.24
2005 621D	45.	143.	120.	299.	5	444.	0.00690	7.00	0.00	0.	20	10	B98 0.36
2005 622BD	120.	299.	6894.	5472.	5	476.	0.01050	19.00	0.00	0.	10	0	B98 0.00
2005 623C	27.	86.	27.	86.	5	535.	0.00930	5.00	0.00	0.	30	10	B98 0.59
2005 624BC	27.	85.	6921.	5481.	5	48.	0.00850	20.00	0.00	0.	10	0	B98 0.00
2005 625D	29.	92.	29.	92.	4	1888.	0.05650	2.50	0.00	0.	20	10	B98 0.33
2005 626D	56.	181.	85.	262.	4	1206.	0.02080	4.25	0.00	0.	20	10	B98 0.52
2005 627D	46.	132.	131.	384.	5	1520.	0.00580	8.00	0.00	0.	20	12	B98 0.43
2005 628E	65.	185.	65.	185.	4	1646.	0.00940	4.50	0.00	0.	20	12	B98 0.36
2005 629E	52.	152.	117.	322.	0	0.	0.00000	0.00	0.00	0.	20	12	B98 0.61
2005 630DE	117.	322.	248.	689.	5	1437.	0.00680	10.00	0.00	0.	10	0	B98 0.00
2005 631D	91.	275.	339.	916.	5	493.	0.00300	13.00	0.00	0.	10	12	B98 0.69
2005 632E	50.	160.	50.	160.	4	1925.	0.00280	5.25	0.00	0.	10	11	B98 0.80
2005 633E	54.	172.	104.	291.	0	0.	0.00000	0.00	0.00	0.	10	11	B98 0.74
2005 634DE	104.	291.	443.	1177.	5	1199.	0.00360	13.00	0.00	0.	10	0	B98 0.00
2005 635BD	443.	1163.	7364.	6515.	5	48.	0.00740	22.00	0.00	0.	10	0	B98 0.00
2005 636C	51.	163.	51.	163.	5	474.	0.00490	6.00	0.00	0.	10	11	B98 0.79
2005 637BC	51.	162.	7415.	6636.	5	1372.	0.01600	19.00	0.00	0.	10	0	B98 0.00
2005 638C	43.	142.	43.	142.	4	2249.	0.07390	2.75	0.00	0.	10	13	C99 0.11
2005 639C	81.	220.	124.	357.	0	0.	0.00000	0.00	0.00	0.	10	14	B98 0.22
2005 640C	0.	0.	124.	357.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00

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THOUS.OAKS SDSMP.ARR.CONEJO,100-YR DCL/DBT 9/06 FN=ARRCONBN.99I STORM DAY 4

LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	RAIN	PCT
AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV
***** RESERVOIR ROUTING AT 640C *****													
* INCOMING HYDROGRAPH PEAK = 356.52 INCOMING HYDROGRAPH VOLUME = 61.46 AC.FT. *													
* HYDROGRAPH ADJUSTMENT FACTOR = 1.00000 *													
* RESERVOIR INFLOW PEAK = 356.52 TIME OF PEAK = 1157 VOLUME UNDER INFLOW HYDROGRAPH = 61.46 AC.FT. *													
* MAXIMUM ELEVATION = 715.22 TIME = 1167 SPILLAGE ELEVATION = 718.00 DIFFERENCE = -2.78 *													
* SPILLED FROM **** TO 1274 FOR **** MINUTES *													
* RESERVOIR OUTFLOW PEAK = 136.11 TIME OF PEAK = 1167 VOLUME UNDER OUTFLOW HYDROGRAPH = 47.27 AC.FT. *													

2005 640C	0.	0.	124.	136.	4	929.	0.09570	2.50	0.00	0.	10	0	B98 0.00
2005 641D	74.	171.	74.	171.	0	0.	0.00000	0.00	0.00	0.	20	16	B98 0.09
2005 642D	81.	250.	155.	421.	4	795.	0.04050	4.50	0.00	0.	10	15	C99 0.12
2005 643CD	155.	419.	279.	535.	4	2014.	0.01360	6.25	0.00	0.	10	0	C99 0.00
2005 644C	35.	104.	314.	618.	5	871.	0.01030	9.00	0.00	0.	20	11	B98 0.31
2005 645C	0.	0.	314.	614.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 646C	89.	286.	403.	836.	5	227.	0.02820	8.00	0.00	0.	30	9	B98 0.36
2005 647BC	403.	832.	7818.	7365.	5	440.	0.04110	17.00	0.00	0.	10	0	B98 0.00
2005 648B	71.	264.	7889.	7463.	5	478.	0.06550	16.00	0.00	0.	10	8	B98 0.60
2005 649B	42.	141.	7931.	7557.	5	1261.	0.00350	27.00	0.00	0.	10	10	B98 0.67
2005 650B	58.	193.	7989.	7673.	0	0.	0.00000	0.00	0.00	0.	10	10	B98 0.53
2005 651C	51.	156.	51.	156.	4	178.	0.00960	4.25	0.00	0.	20	11	B98 0.57
2005 652BC	51.	156.	8040.	7783.	5	1500.	0.01790	20.00	0.00	0.	10	0	B98 0.00
2005 653C	78.	295.	78.	295.	1	1441.	0.09430	0.00	0.00	0.	10	10	C99 0.07
2005 654C	71.	233.	149.	503.	4	1757.	0.07520	4.50	0.00	0.	10	10	B98 0.15
2005 655C	48.	160.	197.	642.	1	1054.	0.10530	0.00	0.00	0.	20	9	B98 0.34
2005 656D	68.	222.	68.	222.	0	0.	0.00000	0.00	0.00	0.	20	9	B98 0.13
2005 657D	61.	189.	129.	411.	1	1219.	0.09210	0.00	0.00	0.	20	10	B98 0.17
2005 658CD	129.	398.	326.	1022.	2	973.	0.02730	0.00	0.00	0.	10	0	B98 0.00
2005 659C	79.	249.	405.	1213.	5	1301.	0.03910	9.00	0.00	0.	20	10	B98 0.32
2005 660C	83.	267.	488.	1411.	5	237.	0.05630	9.00	0.00	0.	20	10	B98 0.51
2005 661BC	488.	1411.	8528.	9123.	5	2230.	0.06010	17.00	0.00	0.	10	0	B98 0.00
2005 662B	70.	259.	8598.	9190.	0	0.	0.00000	0.00	0.00	0.	10	8	B98 0.43
2005 663B	0.	0.	8598.	9190.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 664B	0.	0.	8598.	9190.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 665B	0.	0.	8598.	9190.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 666B	0.	0.	8598.	9190.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 667B	0.	0.	8598.	9190.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 668B	0.	0.	8598.	9190.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00
2005 669B	0.	0.	8598.	9190.	0	0.	0.00000	0.00	0.00	0.	10	99	B98 0.00

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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
***** CONFLUENCE Q'S *****																
*	2005	670A	TA 1163	QA	22290. QAB	31280. QB	8990.	2005	670B	TB 1160	QB	9190. QBA	29906. QA	20715.	*	
*	*****															
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
2005	670AB	8598.	9190.	20956.	31280.	2	535.	0.12560	0.00	0.00	0.	10	0	B98	0.00	
2005	671B	52.	173.	52.	173.	4	2748.	0.06310	3.00	0.00	0.	20	10	B98	0.80	
2005	672B	66.	218.	118.	369.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.23	
2005	673AB	118.	369.	21074.	31455.	2	1025.	0.14170	0.00	0.00	0.	10	0	B98	0.00	
2005	674A	0.	0.	21074.	31452.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	675A	24.	78.	21098.	31468.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.11	
2005	676A	0.	0.	21098.	31468.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	677A	51.	169.	21149.	31515.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.35	
2005	678A	64.	200.	21213.	31595.	2	2462.	0.18080	0.00	0.00	0.	10	11	B98	0.23	
2005	679A	89.	295.	21302.	31672.	2	1472.	0.13430	0.00	0.00	0.	10	10	B98	0.35	
2005	680A	73.	215.	21375.	31717.	2	206.	0.15080	0.00	0.00	0.	20	11	B98	0.24	
2005	681B	0.	0.	0.	369.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	682B	53.	165.	53.	165.	1	1401.	0.16430	0.00	0.00	0.	20	10	B98	0.18	
2005	683B	47.	154.	100.	303.	1	386.	0.07640	0.00	0.00	0.	10	10	B98	0.13	
2005	684AB	100.	302.	21475.	31899.	2	602.	0.11810	0.00	0.00	0.	10	0	B98	0.00	
2005	685A	0.	0.	21475.	31884.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	686A	71.	233.	21546.	31946.	2	1066.	0.11950	0.00	0.00	0.	10	10	B98	0.12	
2005	687B	51.	169.	51.	169.	4	2733.	0.02970	3.50	0.00	0.	20	10	B98	0.80	
2005	688B	80.	259.	131.	398.	4	2280.	0.12730	3.75	0.00	0.	20	10	B98	0.56	
2005	689AB	131.	396.	21677.	32183.	0	0.	0.00000	0.00	0.00	0.	20	0	B98	0.00	
2005	690A	56.	174.	21733.	32227.	2	1475.	0.10050	0.00	0.00	0.	20	10	B98	0.18	
2005	691A	60.	186.	21793.	32237.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.12	
2005	692B	0.	0.	0.	396.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	693B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	694B	52.	152.	52.	152.	1	2864.	0.15010	0.00	0.00	0.	20	11	B98	0.17	
2005	695B	76.	224.	128.	335.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.11	
2005	696AB	128.	335.	21921.	32502.	2	1183.	0.13930	0.00	0.00	0.	10	0	B98	0.00	
2005	697A	27.	84.	21948.	32488.	2	372.	0.08440	0.00	0.00	0.	10	11	B98	0.11	
2005	698B	0.	0.	0.	335.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	699B	72.	213.	72.	213.	4	3500.	0.10410	3.00	0.00	0.	20	12	B98	0.69	
2005	700B	83.	234.	155.	432.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.31	
2005	701AB	155.	432.	22103.	32770.	2	2372.	0.09290	0.00	0.00	0.	10	0	B98	0.00	
2005	702A	50.	147.	22153.	32809.	2	450.	0.03140	0.00	0.00	0.	10	12	B98	0.06	
2005	703A	0.	0.	22153.	32791.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	704A	28.	83.	22181.	32825.	2	45.	0.00550	0.00	0.00	0.	10	12	B98	0.27	
2005	705B	43.	141.	43.	141.	1	1936.	0.13980	0.00	0.00	0.	20	10	B98	0.70	
2005	706B	47.	143.	90.	262.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.48	
2005	707AB	90.	262.	22271.	32962.	2	1839.	0.09500	0.00	0.00	0.	10	0	B98	0.00	
2005	708A	0.	0.	22271.	32903.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	709A	57.	158.	22328.	32945.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.16	
2005	710B	0.	0.	0.	262.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	711B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005	712B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	

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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
2005 713B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 714B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 715B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 716B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 717B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 718B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 719B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 720B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 721B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 722B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 723B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 724B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 725B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 726B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 727B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 728B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 729B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 730B	64.	179.	64.	179.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.23
2005 731B	32.	90.	96.	268.	4	708.	0.07630	3.50	0.00	0.	20	12	B98	0.25
2005 732B	37.	129.	133.	395.	4	2725.	0.05230	4.25	0.00	0.	10	9	B98	0.31
2005 733B	83.	233.	216.	606.	4	666.	0.02500	5.75	0.00	0.	20	12	B98	0.26
2005 734B	45.	139.	261.	730.	0	0.	0.00000	0.00	0.00	0.	30	10	B98	0.41
2005 735C	37.	111.	37.	111.	4	1500.	0.01800	3.25	0.00	0.	30	10	B98	0.26
2005 736BC	37.	106.	298.	836.	4	744.	0.02970	6.25	0.00	0.	30	0	B98	0.00
2005 737B	0.	0.	298.	831.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
2005 738B	54.	165.	352.	980.	4	1742.	0.01900	7.25	0.00	0.	40	10	B98	0.53
2005 739B	32.	99.	384.	1035.	5	1660.	0.01720	10.00	0.00	0.	30	10	B98	0.43
2005 740C	0.	0.	0.	106.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 741C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 742C	48.	159.	48.	159.	4	2624.	0.04560	3.25	0.00	0.	10	10	B98	0.40
2005 743C	70.	210.	118.	352.	5	1599.	0.02570	6.00	0.00	0.	20	11	B98	0.38
2005 744C	29.	106.	147.	422.	0	0.	0.00000	0.00	0.00	0.	30	7	B98	0.32

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 * CONFLUENCE Q'S *
 * 2005 745B TB 1161 QB 1027. QBC 1373. QC 346. 2005 745C TC 1158 QC 422. QCB 1368. QB 946. *
 * 2005 745BC TBC 1160 QBC 1388. QB 1021. QC 368. *

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
2005 745BC	147.	422.	531.	1388.	5	1057.	0.02310	10.00	0.00	0.	10	0	B98	0.00
2005 746B	0.	0.	531.	1383.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 747B	78.	231.	609.	1587.	5	943.	0.02710	10.00	0.00	0.	10	12	B98	0.25
2005 748B	60.	198.	669.	1706.	5	2288.	0.02150	10.00	0.00	0.	10	10	B98	0.31
2005 749B	36.	133.	705.	1723.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.32
2005 750B	44.	174.	749.	1758.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.25
2005 751C	0.	0.	0.	422.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 752C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 753C	71.	233.	71.	233.	4	1286.	0.08270	3.25	0.00	0.	10	10	B98	0.11
2005 754C	61.	202.	132.	429.	5	3538.	0.04350	6.00	0.00	0.	10	10	B98	0.30
2005 755C	44.	138.	176.	536.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.29

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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
2005 756D	0.	0.	0.	398.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 757D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 758D	48.	142.	48.	142.	4	2492.	0.04080	3.00	0.00	0.	10	12	B98	0.15
2005 759D	71.	234.	119.	354.	2	2047.	0.04020	0.00	0.00	0.	10	10	B98	0.27
2005 760D	42.	139.	161.	458.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.34
2005 761CD	161.	458.	337.	994.	5	200.	0.00840	11.00	0.00	0.	10	0	B98	0.00
2005 762C	48.	142.	385.	1124.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.26
2005 763C	23.	76.	408.	1192.	2	1588.	0.02120	0.00	0.00	0.	10	10	B98	0.25
2005 764C	0.	0.	408.	1166.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 765C	80.	228.	488.	1372.	0	0.	0.00000	0.00	0.00	0.	10	13	B98	0.33

* CONFLUENCE Q'S *
* 2005 766B TB 1161 QB 1758. QBC 3118. QC 1360. 2005 766C TC 1160 QC 1372. QCB 3119. QB 1747. *
* 2005 766BC TBC 1160 QBC 3119. QB 1747. QC 1372. *

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
2005 766BC	488.	1372.	1237.	3119.	5	1307.	0.02110	14.00	0.00	0.	10	0	B98	0.00
2005 767B	0.	0.	1237.	3114.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 768B	55.	203.	1292.	3169.	5	1832.	0.05930	12.00	0.00	0.	10	8	B98	0.29
2005 769B	26.	95.	1318.	3190.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.19
2005 770C	0.	0.	0.	1372.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 771C	72.	213.	72.	213.	4	1765.	0.01960	4.00	0.00	0.	10	12	B98	0.25
2005 772C	54.	188.	126.	381.	4	1646.	0.05100	4.25	0.00	0.	10	9	B98	0.37
2005 773C	33.	109.	159.	476.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.25
2005 774BC	159.	476.	1477.	3594.	5	1782.	0.06510	12.00	0.00	0.	10	0	B98	0.00
2005 775B	0.	0.	1477.	3586.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 776B	83.	247.	1560.	3774.	5	1046.	0.02980	14.00	0.00	0.	10	12	B98	0.29
2005 777C	56.	185.	56.	185.	4	1858.	0.05970	3.25	0.00	0.	10	10	B98	0.29
2005 778C	56.	175.	112.	349.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.22
2005 779BC	112.	349.	1672.	4017.	2	2272.	0.08960	0.00	0.00	0.	10	0	B98	0.00
2005 780B	0.	0.	1672.	3990.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 781B	71.	221.	1743.	4132.	2	1043.	0.14910	0.00	0.00	0.	10	11	B98	0.24
2005 782B	55.	172.	1798.	4232.	2	226.	0.04660	0.00	0.00	0.	10	11	B98	0.25
2005 783C	0.	0.	0.	349.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 784C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 785C	60.	187.	60.	187.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.25
2005 786C	33.	103.	93.	290.	2	1120.	0.07830	0.00	0.00	0.	10	11	B98	0.25
2005 787D	46.	144.	46.	144.	4	880.	0.04320	3.00	0.00	0.	10	11	B98	0.29
2005 788CD	46.	143.	139.	431.	5	203.	0.04240	6.00	0.00	0.	10	0	B98	0.00
2005 789C	71.	211.	210.	640.	5	1463.	0.08550	6.00	0.00	0.	10	12	B98	0.26
2005 790C	64.	211.	274.	834.	5	1540.	0.05180	7.00	0.00	0.	10	10	B98	0.24
2005 791C	73.	241.	347.	1053.	5	690.	0.03390	9.00	0.00	0.	10	10	B98	0.28
2005 792C	51.	160.	398.	1197.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.32
2005 793D	0.	0.	0.	143.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 794D	53.	176.	53.	176.	4	2544.	0.08000	3.00	0.00	0.	10	10	B98	0.42
2005 795D	56.	185.	109.	347.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.28
2005 796CD	109.	347.	507.	1539.	5	1898.	0.02590	10.00	0.00	0.	10	0	B98	0.00
2005 797C	66.	206.	573.	1709.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.25
2005 798C	61.	181.	634.	1879.	2	2164.	0.11000	0.00	0.00	0.	10	12	B98	0.28

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950														
THOUS.OAKS	SDSMP.ARR.	CONEJO,100-YR	DCL/DBT	9/06	FN=ARRCONBN.99I									
LOCATION	SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL	TC	RAIN	DAY 4
	AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME		ZONE	PCT
2005 799D	0.	0.	0.	347.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 800D	87.	287.	87.	287.	4	474.	0.03320	4.25	0.00	0.	10	10	B98	0.26
2005 801E	0.	0.	0.	291.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 802E	48.	133.	48.	133.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.17
2005 803E	35.	109.	83.	242.	4	1859.	0.07260	3.50	0.00	0.	10	11	B98	0.17
2005 804E	55.	163.	138.	402.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.21
2005 805DE	138.	402.	225.	683.	5	757.	0.15670	6.00	0.00	0.	10	0	B98	0.00
2005 806D	0.	0.	225.	682.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 807D	35.	122.	260.	799.	2	2914.	0.13380	0.00	0.00	0.	10	9	B98	0.40
2005 808D	49.	169.	309.	939.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.05
2005 809CD	309.	939.	943.	2755.	2	151.	0.12100	0.00	0.00	0.	10	0	B98	0.00
2005 810C	55.	171.	998.	2907.	2	1424.	0.14940	0.00	0.00	0.	10	11	B98	0.18
2005 811C	41.	141.	1039.	2998.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.06
2005 812BC	1039.	2998.	2837.	7083.	2	1006.	0.13070	0.00	0.00	0.	10	0	B98	0.00
2005 813B	0.	0.	2837.	7054.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 814B	62.	192.	2899.	7191.	2	712.	0.12630	0.00	0.00	0.	10	11	B98	0.06
2005 815B	84.	220.	2983.	7369.	2	643.	0.10210	0.00	0.00	0.	20	13	B98	0.10
2005 816B	66.	181.	3049.	7503.	2	390.	0.08290	0.00	0.00	0.	20	12	B98	0.09
2005 817B	34.	106.	3083.	7570.	2	929.	0.09950	0.00	0.00	0.	10	11	B98	0.22
2005 818B	39.	127.	3122.	7613.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.09
2005 819C	0.	0.	0.	2998.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 820C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 821C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 822C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 823C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 824C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 825C	31.	107.	31.	107.	4	2081.	0.04790	2.75	0.00	0.	10	9	B98	0.20
2005 826C	59.	204.	90.	298.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.21
2005 827C	78.	271.	168.	562.	4	1196.	0.09370	4.50	0.00	0.	10	9	B98	0.25
2005 828C	41.	142.	209.	698.	4	1059.	0.06980	5.00	0.00	0.	10	9	B98	0.21
2005 829C	44.	152.	253.	842.	4	1633.	0.04200	6.00	0.00	0.	10	9	B98	0.20
2005 830C	62.	184.	315.	1010.	5	1033.	0.01270	10.00	0.00	0.	10	12	B98	0.24
2005 831C	47.	163.	362.	1132.	5	616.	0.02170	10.00	0.00	0.	10	9	B98	0.29
2005 832D	0.	0.	0.	939.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 833D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 834D	86.	269.	86.	269.	4	1780.	0.03450	4.00	0.00	0.	10	11	B98	0.27
2005 835D	59.	195.	145.	448.	5	613.	0.03380	6.00	0.00	0.	10	10	B98	0.25
2005 836CD	145.	447.	507.	1573.	2	1361.	0.02720	0.00	0.00	0.	10	0	B98	0.00
2005 837C	0.	0.	507.	1549.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 838C	90.	299.	597.	1778.	5	253.	0.01800	12.00	0.00	0.	10	10	B98	0.39
2005 839D	45.	140.	45.	140.	4	2219.	0.04300	3.00	0.00	0.	20	10	B98	0.17
2005 840D	55.	162.	100.	287.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.22
2005 841D	47.	155.	147.	436.	2	1144.	0.01880	0.00	0.00	0.	10	10	B98	0.22
2005 842D	45.	134.	192.	553.	2	1670.	0.02210	0.00	0.00	0.	10	12	B98	0.38
2005 843D	60.	188.	252.	671.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.31
2005 844E	30.	100.	30.	100.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.42
2005 845DE	30.	100.	282.	748.	2	80.	0.02300	0.00	0.00	0.	10	0	B98	0.00
2005 846CD	282.	747.	879.	2524.	2	754.	0.02260	0.00	0.00	0.	10	0	B98	0.00
2005 847D	64.	189.	64.	189.	1	1229.	0.03170	0.00	0.00	0.	10	12	B98	0.15
2005 848D	54.	178.	118.	320.	1	936.	0.03920	0.00	0.00	0.	20	9	B98	0.25

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950

THOUS.OAKS SDSMP.ARR.CONEJO,100-YR DCL/DBT 9/06 FN=ARRCONBN.99I

STORM DAY 4

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
2005 849CD	118.	305.	997.	2811.	2	945.	0.04190	0.00	0.00	0.	10	0	B98	0.00
2005 850C	0.	0.	997.	2798.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 851C	88.	276.	1085.	2974.	5	1600.	0.03340	12.00	0.00	0.	20	10	B98	0.25
2005 852D	47.	172.	47.	172.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.14
2005 853D	41.	142.	88.	314.	4	1162.	0.06180	3.75	0.00	0.	10	9	B98	0.17
2005 854CD	88.	312.	1173.	3112.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
2005 855C	72.	237.	1245.	3266.	5	1383.	0.05550	12.00	0.00	0.	10	10	B98	0.18
2005 856C	54.	178.	1299.	3366.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.25
2005 857C	44.	137.	1343.	3456.	5	871.	0.05360	12.00	0.00	0.	10	11	B98	0.27
2005 858C	66.	217.	1409.	3585.	1	1804.	0.15500	0.00	0.00	0.	10	10	B98	0.20
2005 859C	43.	142.	1452.	3614.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.20
2005 860D	82.	226.	82.	226.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.11
2005 861CD	82.	226.	1534.	3783.	1	1629.	0.11940	0.00	0.00	0.	20	0	B98	0.00
2005 862C	0.	0.	1534.	3751.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
2005 863C	0.	0.	1534.	3751.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
2005 864C	76.	207.	1610.	3880.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.05
2005 865BC	1610.	3880.	4732.	11451.	1	618.	0.04910	0.00	0.00	0.	20	0	B98	0.00
2005 866C	0.	0.	0.	3880.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 867C	62.	190.	62.	190.	1	1213.	0.13470	0.00	0.00	0.	20	10	B98	0.05
2005 868C	44.	127.	106.	305.	1	1067.	0.13720	0.00	0.00	0.	20	11	B98	0.05
2005 869BC	106.	301.	4838.	11691.	1	784.	0.12130	0.00	0.00	0.	10	0	B98	0.00
2005 870B	48.	176.	4886.	11718.	1	1865.	0.18470	0.00	0.00	0.	10	8	B98	0.08
2005 871B	62.	214.	4948.	11726.	2	1256.	0.11110	0.00	0.00	0.	10	9	B98	0.05
2005 872B	0.	0.	4948.	11705.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 873B	47.	162.	4995.	11741.	2	585.	0.08120	0.00	0.00	0.	10	9	B98	0.05
2005 874B	53.	164.	5048.	11784.	2	1004.	0.05060	0.00	0.00	0.	10	11	B98	0.05
2005 875B	63.	195.	5111.	11816.	5	1114.	0.04190	20.00	0.00	0.	10	11	B98	0.07
2005 876B	44.	143.	5155.	11843.	0	0.	0.00000	0.00	0.00	0.	20	9	B98	0.13
2005 877B	58.	180.	5213.	11893.	2	1518.	0.02050	0.00	0.00	0.	10	11	B98	0.09
2005 878B	54.	159.	5267.	11880.	0	0.	0.00000	0.00	0.00	0.	40	9	B98	0.14

* CONFLUENCE Q'S *

* 2005 879A TA 1165 QA 32945. QAB 44825. QB 11880. 2005 879B TB 1165 QB 11880. QBA 44825. QA 32945. *

* 2005 879AB TAB 1165 QAB 44825. QA 32945. QB 11880. *

LOCATION		SUBAREA AREA	SUBAREA Q	TOTAL AREA	TOTAL Q	CONV TYPE	CONV LNGLTH	CONV SLOPE	CONV SIZE	CONV Z	CONTROL Q	SOIL NAME	RAIN TC	PCT ZONE	IMPV
2005	879AB	5267.	11880.	27595.	44825.	2	1463.	0.02630	0.00	0.00	0.	40	0	B98	0.00
2005	880C	0.	0.	0.	301.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	881C	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	882C	62.	195.	62.	195.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.79
2005	883C	60.	190.	122.	384.	1	2333.	0.11950	0.00	0.00	0.	20	10	B98	0.33
2005	884C	39.	128.	161.	476.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.14
2005	885C	0.	0.	161.	476.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	886D	62.	204.	62.	204.	1	2044.	0.14900	0.00	0.00	0.	10	10	B98	0.21
2005	887D	46.	141.	108.	318.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.09
2005	888CD	108.	318.	269.	793.	1	276.	0.12010	0.00	0.00	0.	20	0	B98	0.00
2005	889C	0.	0.	269.	791.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005	890D	45.	132.	45.	132.	1	1388.	0.11780	0.00	0.00	0.	10	12	B98	0.07
2005	891D	78.	229.	123.	346.	1	1359.	0.09890	0.00	0.00	0.	10	12	B98	0.06

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950

THOUS.OAKS	SDSMP.ARR.	CONEJO,100-YR	DCL/DBT	9/06	FN=ARRCONBN.99I								STORM	DAY 4
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
2005 892D	45.	147.	168.	468.	1	199.	0.05710	0.00	0.00	0.	10	10	B98	0.05
2005 893D	64.	188.	232.	642.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.08
2005 894CD	232.	642.	501.	1432.	1	997.	0.12340	0.00	0.00	0.	10	0	B98	0.00
2005 895D	0.	0.	0.	642.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 896D	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 897D	37.	109.	37.	109.	1	1644.	0.13530	0.00	0.00	0.	10	12	B98	0.17
2005 898CD	37.	105.	538.	1525.	1	701.	0.08970	0.00	0.00	0.	10	0	B98	0.00
2005 899C	64.	252.	602.	1630.	0	0.	0.00000	0.00	0.00	0.	10	7	B98	0.07
2005 900D	40.	118.	40.	118.	1	1939.	0.12540	0.00	0.00	0.	20	11	B98	0.22
2005 901D	66.	195.	106.	288.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.17
2005 902E	80.	223.	80.	223.	1	1045.	0.13680	0.00	0.00	0.	20	12	B98	0.20
2005 903E	74.	205.	154.	422.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.15
2005 904DE	154.	422.	260.	706.	1	1027.	0.13630	0.00	0.00	0.	20	0	B98	0.00
2005 905D	72.	198.	332.	889.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.12
2005 906CD	332.	889.	934.	2520.	1	1160.	0.05060	0.00	0.00	0.	10	0	B98	0.00
2005 907C	0.	0.	934.	2486.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 908C	0.	0.	934.	2486.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 909C	42.	145.	976.	2583.	2	1203.	0.03840	0.00	0.00	0.	10	9	B98	0.07
2005 910D	67.	221.	67.	221.	1	2544.	0.10910	0.00	0.00	0.	20	10	B98	0.73
2005 911D	50.	137.	117.	320.	0	0.	0.00000	0.00	0.00	0.	20	12	B98	0.06
2005 912CD	117.	320.	1093.	2864.	2	667.	0.02810	0.00	0.00	0.	20	0	B98	0.00
2005 913C	76.	233.	1169.	3007.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.06
2005 914AC	1169.	3007.	28764.	47309.	2	1212.	0.02670	0.00	0.00	0.	20	0	B98	0.00
2005 915A	0.	0.	28764.	47208.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
2005 916A	0.	0.	28764.	47208.	0	0.	0.00000	0.00	0.00	0.	20	99	B98	0.00
2005 917A	51.	139.	28815.	47235.	2	1111.	0.03270	0.00	0.00	0.	30	11	B98	0.05
2005 918A	62.	190.	28877.	47225.	2	517.	0.04870	0.00	0.00	0.	20	10	B98	0.05
2005 919A	45.	138.	28922.	47238.	2	933.	0.01270	0.00	0.00	0.	20	10	B98	0.05
2005 920A	57.	175.	28979.	47160.	2	923.	0.05680	0.00	0.00	0.	20	10	B98	0.05
2005 921A	38.	123.	29017.	47158.	2	705.	0.05660	0.00	0.00	0.	20	9	B98	0.05
2005 922A	44.	163.	29061.	47167.	2	1587.	0.13380	0.00	0.00	0.	20	7	B98	0.05
2005 923A	80.	293.	29141.	47181.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.05

VENTURA COUNTY FLOOD CONTROL DISTRICT
MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950

SANTA ROSA VLY-DBT/DCL 3/2006- Q100 F

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
2005 1000A	42.	126.	42.	126.	4	940.	0.11030	2.50	0.00	0.	30	10	B98	0.24
2005 1001A	103.	299.	145.	424.	2	1615.	0.08480	0.00	0.00	0.	20	11	B98	0.12
2005 1002A	89.	274.	234.	679.	4	1056.	0.11090	4.50	0.00	0.	20	10	B98	0.10
2005 1003A	61.	188.	295.	850.	4	1127.	0.03790	6.00	0.00	0.	20	10	B98	0.11
2005 1004B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
2005 1005B	74.	244.	74.	244.	2	3241.	0.06890	0.00	0.00	0.	20	9	B98	0.26
2005 1006B	86.	254.	160.	455.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.19
2005 1007AB	160.	455.	455.	1302.	2	707.	0.03430	0.00	0.00	0.	10	0	B98	0.00
2005 1008B	0.	0.	0.	455.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
2005 1009B	83.	257.	83.	257.	0	0.	0.00000	0.00	0.00	0.	20	10	B98	0.15
2005 1010C	44.	137.	44.	137.	2	1624.	0.09250	0.00	0.00	0.	10	11	B98	0.22
2005 1011C	39.	114.	83.	243.	0	0.	0.00000	0.00	0.00	0.	20	11	B98	0.20
2005 1012BC	83.	243.	166.	491.	2	1346.	0.06060	0.00	0.00	0.	10	0	B98	0.00
2005 1013B	0.	0.	166.	487.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
2005 1014B	53.	156.	219.	639.	0	0.	0.00000	0.00	0.00	0.	10	12	B98	0.16
2005 1015B	68.	225.	287.	852.	2	1617.	0.05610	0.00	0.00	0.	10	10	B98	0.26
2005 1016B	37.	136.	324.	945.	0	0.	0.00000	0.00	0.00	0.	10	8	B98	0.19
2005 1017AB	324.	945.	779.	2228.	1	1846.	0.07220	0.00	0.00	0.	10	0	B98	0.00
2005 1018B	0.	0.	0.	945.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
2005 1019B	63.	182.	63.	182.	2	1258.	0.06760	0.00	0.00	0.	20	11	B98	0.05
2005 1020A	69.	214.	848.	2366.	0	0.	0.00000	0.00	0.00	0.	10	11	B98	0.07
2005 1021AB	63.	179.	911.	2531.	1	963.	0.05900	0.00	0.00	0.	10	0	B98	0.00
2005 1022B	66.	194.	66.	194.	1	1340.	0.12880	0.00	0.00	0.	30	10	B98	0.15
2005 1023B	67.	183.	133.	363.	4	1478.	0.08130	3.75	0.00	0.	20	12	B98	0.07
2005 1024B	42.	145.	175.	491.	0	0.	0.00000	0.00	0.00	0.	10	9	B98	0.11
2005 1025AB	175.	491.	1086.	2932.	2	1337.	0.04240	0.00	0.00	0.	10	0	B98	0.00
2005 1026A	0.	0.	1086.	2900.	0	0.	0.00000	0.00	0.00	0.	30	99	B98	0.00
2005 1027A	74.	244.	1160.	3059.	0	0.	0.00000	0.00	0.00	0.	10	10	B98	0.18
2005 1028A	46.	119.	1206.	3111.	1	463.	0.03000	0.00	0.00	0.	10	9	A97	0.09
2005 1029A	0.	0.	1206.	3079.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1030A	0.	0.	1206.	3079.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1031A	0.	0.	1206.	3079.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1032B	74.	127.	74.	127.	1	2696.	0.06110	0.00	0.00	0.	20	18	A97	0.10
2005 1033B	103.	188.	177.	280.	0	0.	0.00000	0.00	0.00	0.	10	19	A97	0.05
2005 1034C	45.	108.	45.	108.	1	1822.	0.04830	0.00	0.00	0.	10	11	A97	0.15
2005 1035C	110.	206.	155.	285.	0	0.	0.00000	0.00	0.00	0.	10	18	A97	0.05
2005 1036BC	155.	285.	332.	562.	2	897.	0.02430	0.00	0.00	0.	10	0	A97	0.00
2005 1037B	96.	219.	428.	749.	2	990.	0.01000	0.00	0.00	0.	10	12	A97	0.05
2005 1038C	113.	174.	113.	174.	0	0.	0.00000	0.00	0.00	0.	20	22	A97	0.07
2005 1039C	0.	0.	113.	174.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

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* CONFLUENCE Q'S *
* 2005 1040B TB 1164 QB 739. QBC 898. QC 159. 2005 1040C TC 1155 QC 174. QCB 730. QB 557. *
* 2005 1040BC TBC 1163 QBC 900. QB 738. QC 163. *

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
2005 1040BC	113.	174.	541.	900.	5	415.	0.00800	11.00	0.00	0.	10	0	A97	0.00
2005 1041B	24.	62.	565.	926.	5	1305.	0.00800	9.00	1.50	0.	10	9	A97	0.05
2005 1042B	0.	0.	565.	911.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00

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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
2005 1043AB	565.	911.	1771.	3973.	5	978.	0.00800	5.00	2.00	0.	10	0	A97	0.00
2005 1044A	56.	123.	1827.	4019.	0	0.	0.00000	0.00	0.00	0.	10	13	A97	0.07
2005 1045A	0.	0.	1827.	4019.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1046A	0.	0.	1827.	4019.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1047A	0.	0.	1827.	4019.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1048A	0.	0.	1827.	4019.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1049A	0.	0.	1827.	4019.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1050B	78.	172.	78.	172.	1	636.	0.02500	0.00	0.00	0.	10	13	A97	0.07
2005 1051C	24.	62.	24.	62.	1	55.	0.06670	0.00	0.00	0.	10	9	A97	0.07
2005 1052BC	24.	62.	102.	224.	1	465.	0.02500	0.00	0.00	0.	10	0	A97	0.00
2005 1053B	64.	146.	166.	346.	1	859.	0.00100	0.00	0.00	0.	10	12	A97	0.06
2005 1054C	24.	65.	24.	65.	0	0.	0.00000	0.00	0.00	0.	10	8	A97	0.12
2005 1055BC	24.	65.	190.	276.	1	268.	0.00100	0.00	0.00	0.	10	0	A97	0.00
2005 1056B	73.	145.	263.	292.	1	675.	0.00770	0.00	0.00	0.	10	16	A97	0.02
2005 1057B	28.	72.	291.	320.	1	1514.	0.02000	0.00	0.00	0.	10	9	A97	0.09
2005 1058B	0.	0.	291.	300.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1059B	0.	0.	291.	300.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1060C	29.	73.	29.	73.	0	0.	0.00000	0.00	0.00	0.	10	10	A97	0.14
2005 1061BC	29.	73.	320.	316.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00
2005 1062B	0.	0.	320.	316.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1063B	0.	0.	320.	316.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1064B	0.	0.	320.	316.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1065B	0.	0.	320.	316.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1066B	0.	0.	320.	316.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1067B	0.	0.	320.	316.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1068B	0.	0.	320.	316.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1069B	0.	0.	320.	316.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1070E	64.	153.	64.	153.	1	1509.	0.03637	0.00	0.00	0.	10	11	A97	0.11
2005 1071E	91.	217.	155.	324.	1	1747.	0.03611	0.00	0.00	0.	10	11	A97	0.05
2005 1072E	38.	83.	193.	362.	0	0.	0.00000	0.00	0.00	0.	20	11	A97	0.05
2005 1073D	40.	95.	40.	95.	1	1321.	0.06250	0.00	0.00	0.	10	11	A97	0.02
2005 1074D	63.	157.	103.	227.	1	1775.	0.03125	0.00	0.00	0.	10	10	A97	0.02
2005 1075D	54.	124.	157.	292.	0	0.	0.00000	0.00	0.00	0.	20	10	A97	0.04

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* CONFLUENCE Q'S *
* 2005 1076D TD 1160 QD 292. QDE 643. QE 351. 2005 1076E TE 1161 QE 362. QED 649. QD 287. *
* 2005 1076DE TDE 1161 QDE 649. QD 287. QE 362. *

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
2005 1076DE	193.	362.	350.	649.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00
2005 1077D	0.	0.	350.	649.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1078D	22.	67.	372.	662.	5	1308.	0.02692	3.00	2.00	0.	20	6	A97	0.10
2005 1079D	0.	0.	372.	651.	0	0.	0.00000	0.00	0.00	0.	10	99	A97	0.00
2005 1080D	23.	62.	395.	664.	0	0.	0.00000	0.00	0.00	0.	20	7	A97	0.10
2005 1081E	43.	111.	43.	111.	1	1909.	0.03610	0.00	0.00	0.	10	9	A97	0.05
2005 1082E	72.	173.	115.	235.	0	0.	0.00000	0.00	0.00	0.	20	9	A97	0.12

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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 *****														
* 2005 1083D	TD 1162	QD	664. QDE	808. QE	143.	2005 1083E	TE 1159	QE	235. QED	864. QD	629.			*
* 2005 1083DE	TDE 1159	QDE	864. QD	629. QE	235.									

2005 1083DE	115.	235.	510.	864.	0	0.	0.00000	0.00	0.00	0.	10	0	A97	0.00
2005 1084D	40.	97.	550.	954.	5	1749.	0.02059	3.00	2.00	0.	20	9	A97	0.15
2005 1085D	0.	0.	550.	930.	0	0.	0.00000	0.00	0.00	0.	20	99	A97	0.00
2005 1086D	43.	125.	593.	963.	0	0.	0.00000	0.00	0.00	0.	10	7	A97	0.10

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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
2005 1513A	59.	193.	59.	193.	1	2015.	0.11180	0.00	0.00	0.	10	10	B98	0.05
2005 1514A	74.	229.	133.	386.	1	885.	0.02460	0.00	0.00	0.	10	11	B98	0.10
2005 1515A	62.	193.	195.	504.	0	0.	0.00000	0.00	0.00	0.	30	9	B98	0.18
2005 1516A	38.	119.	233.	615.	1	1303.	0.04190	0.00	0.00	0.	30	9	B98	0.23
2005 1517A	0.	0.	233.	587.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1518A	0.	0.	233.	587.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1519A	37.	152.	270.	664.	1	2571.	0.04560	0.00	0.00	0.	20	8	C99	0.23
2005 1520A	73.	280.	343.	677.	0	0.	0.00000	0.00	0.00	0.	20	9	C99	0.24
2005 1521A	0.	0.	343.	677.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1522A	0.	0.	343.	677.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1523A	0.	0.	343.	677.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1524B	74.	255.	74.	255.	3	523.	0.11430	0.00	0.00	0.	10	9	B98	0.08
2005 1525B	68.	220.	142.	470.	1	978.	0.08900	0.00	0.00	0.	20	9	B98	0.07
2005 1526B	64.	235.	206.	685.	1	1939.	0.05790	0.00	0.00	0.	10	8	B98	0.19
2005 1527B	68.	236.	274.	783.	1	1520.	0.06610	0.00	0.00	0.	20	8	B98	0.12
2005 1528B	53.	216.	327.	818.	0	0.	0.00000	0.00	0.00	0.	20	8	C99	0.10
2005 1529B	0.	0.	327.	818.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1530C	61.	199.	61.	199.	2	1342.	0.05250	0.00	0.00	0.	20	9	B98	0.12
2005 1531C	50.	174.	111.	357.	0	0.	0.00000	0.00	0.00	0.	20	8	B98	0.18
2005 1532BC	111.	357.	438.	1110.	1	1617.	0.06620	0.00	0.00	0.	10	0	B98	0.00
2005 1533B	64.	275.	502.	1232.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.10
2005 1534C	50.	188.	50.	188.	1	2186.	0.05890	0.00	0.00	0.	20	7	B98	0.22
2005 1535C	56.	241.	106.	337.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.19

* CONFLUENCE Q'S *

2005 1536B	TB 1158 QB	1232. QBC	1541. QC	310.	2005 1536C	TC 1156 QC	337. QCB	1493. QB	1156.
		2005 1536BC	TBC 1158 QBC	1541. QB	1232. QC	310.			

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
2005 1536BC	106.	337.	608.	1541.	1	1358.	0.06020	0.00	0.00	0.	10	0	C99	0.00

* CONFLUENCE Q'S *

2005 1537A	TA 1164 QA	677. QAB	1998. QB	1321.	2005 1537B	TB 1160 QB	1522. QBA	2191. QA	669.
		2005 1537AB	TAB 1160 QAB	2191. QA	669. QB	1522.			

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
2005 1537AB	608.	1522.	951.	2191.	1	1774.	0.05060	0.00	0.00	0.	10	0	C99	0.00
2005 1538A	27.	116.	978.	2182.	2	1278.	0.03150	0.00	0.00	0.	10	8	C99	0.13
2005 1539A	0.	0.	978.	2170.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1540A	66.	265.	1044.	2234.	2	903.	0.01780	0.00	0.00	0.	10	9	C99	0.18
2005 1541A	74.	297.	1118.	2292.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.13
2005 1542B	54.	224.	54.	224.	4	3250.	0.01940	4.25	0.00	0.	20	8	C99	0.33
2005 1543B	59.	248.	113.	418.	0	0.	0.00000	0.00	0.00	0.	20	8	C99	0.51
2005 1544AB	113.	418.	1231.	2466.	2	1493.	0.05170	0.00	0.00	0.	10	0	C99	0.00
2005 1545A	96.	364.	1327.	2633.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.22
2005 1546A	0.	0.	1327.	2633.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1547B	60.	230.	60.	230.	4	1234.	0.04100	3.75	0.00	0.	20	9	C99	0.23
2005 1548B	30.	124.	90.	351.	0	0.	0.00000	0.00	0.00	0.	20	8	C99	0.29

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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
2005 1549B	65.	268.	155.	618.	4	428.	0.01300	6.50	0.00	0.	20	8	C99	0.26
2005 1550B	83.	319.	238.	929.	4	1191.	0.01990	7.00	0.00	0.	20	9	C99	0.24
2005 1551B	28.	116.	266.	1027.	4	395.	0.02670	7.00	0.00	0.	20	8	C99	0.28
2005 1552B	79.	319.	345.	1329.	5	1243.	0.03780	9.00	0.00	0.	10	9	C99	0.44
2005 1553B	0.	0.	345.	1323.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1554B	79.	317.	424.	1630.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.21

CONFLUENCE Q'S

* 2005 1555A TA 1160 QA 2633. QAB 3934. QB 1301. 2005 1555B TB 1157 QB 1630. QBA 4113. QA 2483. *

* 2005 1555AB TAB 1158 QAB 4159. QA 2585. QB 1574. *

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
2005 1555AB	424.	1630.	1751.	4159.	2	1750.	0.08870	0.00	0.00	0.	10	0	C99	0.00
2005 1556A	57.	228.	1808.	4298.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.05
2005 1557B	92.	368.	92.	368.	2	1274.	0.06590	0.00	0.00	0.	10	9	C99	0.05
2005 1558B	67.	287.	159.	647.	2	434.	0.04330	0.00	0.00	0.	10	8	C99	0.08

CONFLUENCE Q'S

* 2005 1559A TA 1158 QA 4298. QAB 4883. QB 586. 2005 1559B TB 1156 QB 647. QBA 4675. QA 4028. *

* 2005 1559AB TAB 1158 QAB 4883. QA 4298. QB 586. *

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
2005 1559AB	159.	647.	1967.	4883.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
2005 1560B	0.	0.	0.	647.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1561B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1562B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1563B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1564B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1565B	0.	0.	0.	0.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1566B	79.	317.	79.	317.	4	1431.	0.13560	3.25	0.00	0.	10	9	C99	0.09
2005 1567B	54.	233.	133.	547.	4	2070.	0.13980	4.00	0.00	0.	10	8	C99	0.34
2005 1568B	67.	270.	200.	805.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.31
2005 1569B	0.	0.	200.	805.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1570B	0.	0.	200.	805.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1571B	0.	0.	200.	805.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1572B	0.	0.	200.	805.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1573C	47.	188.	47.	188.	4	925.	0.06030	3.25	0.00	0.	10	9	C99	0.12
2005 1574C	66.	265.	113.	452.	4	1941.	0.12160	3.75	0.00	0.	10	9	C99	0.15
2005 1575C	85.	322.	198.	761.	1	2514.	0.05990	0.00	0.00	0.	10	10	C99	0.13
2005 1576C	0.	0.	198.	717.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1577C	58.	249.	256.	832.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.17
2005 1578D	68.	273.	68.	273.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.12
2005 1579CD	68.	273.	324.	1073.	1	3343.	0.07560	0.00	0.00	0.	10	0	C99	0.00
2005 1580C	0.	0.	324.	992.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1581C	83.	333.	407.	1131.	1	1978.	0.05910	0.00	0.00	0.	10	9	C99	0.09
2005 1582C	39.	168.	446.	1145.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.48
2005 1583D	26.	122.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	7	C99	0.79
2005 1584D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

VENTURA COUNTY FLOOD CONTROL DISTRICT MODIFIED RATIONAL METHOD HYDROLOGY / PC 2.21-950														
WESTLAKE DRAINAGE DCL/DBT W/BASINS Q-100F 9/2006														
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	DAY 4 PCT IMPV
2005 1585F	84.	317.	84.	317.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.05
2005 1586D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1587D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1588D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1589D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1590D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1591D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1592D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1593D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1594D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1595D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1596D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1597D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1598D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1599D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1600D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1601D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1602D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1603D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1604D	0.	0.	26.	122.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1605A	53.	213.	53.	213.	4	2246.	0.11250	3.00	0.00	0.	10	9	C99	0.16
2005 1606A	0.	0.	53.	211.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1607B	42.	154.	42.	154.	1	2776.	0.08170	0.00	0.00	0.	10	8	B98	0.13
2005 1608B	69.	277.	111.	356.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.19
2005 1609AB	111.	356.	164.	566.	1	1242.	0.04930	0.00	0.00	0.	10	0	C99	0.00
2005 1610B	34.	137.	34.	137.	4	1337.	0.10660	2.50	0.00	0.	10	9	C99	0.22
2005 1611A	42.	161.	206.	670.	0	0.	0.00000	0.00	0.00	0.	20	9	C99	0.18
2005 1612AB	34.	136.	240.	804.	1	1043.	0.07970	0.00	0.00	0.	10	0	C99	0.00
2005 1613B	81.	267.	81.	267.	4	1498.	0.11570	3.25	0.00	0.	10	10	B98	0.19
2005 1614B	59.	224.	140.	487.	4	1786.	0.11270	4.00	0.00	0.	10	10	C99	0.17
2005 1615B	59.	241.	199.	716.	0	0.	0.00000	0.00	0.00	0.	20	8	C99	0.14
2005 1616AB	199.	716.	439.	1425.	1	1176.	0.08680	0.00	0.00	0.	10	0	C99	0.00
2005 1617A	40.	163.	479.	1519.	1	1671.	0.05240	0.00	0.00	0.	20	8	C99	0.11
2005 1618A	70.	281.	549.	1624.	1	2446.	0.05970	0.00	0.00	0.	10	9	C99	0.12
2005 1619A	0.	0.	549.	1561.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1620A	83.	334.	632.	1648.	4	424.	0.05390	7.25	0.00	0.	10	9	C99	0.23
2005 1621A	33.	142.	665.	1674.	2	1628.	0.01940	0.00	0.00	0.	10	8	C99	0.43
2005 1622A	0.	0.	665.	1662.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1623A	0.	0.	665.	1662.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1624A	80.	308.	745.	1747.	5	3063.	0.00900	13.00	0.00	0.	10	10	C99	0.76
2005 1625A	73.	280.	818.	1795.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.67
2005 1626A	0.	0.	818.	1795.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1627A	0.	0.	818.	1795.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1628B	75.	289.	75.	289.	4	2019.	0.01510	4.75	0.00	0.	20	9	C99	0.27
2005 1629B	48.	183.	123.	454.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.47
2005 1630C	72.	248.	72.	248.	4	638.	0.00950	5.00	0.00	0.	20	11	C99	0.26
2005 1631BC	72.	247.	195.	697.	4	1273.	0.00870	7.25	0.00	0.	10	0	C99	0.00
2005 1632B	86.	372.	281.	986.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.60
2005 1633C	42.	160.	42.	160.	4	1888.	0.00810	4.25	0.00	0.	10	10	C99	0.42
2005 1634BC	42.	152.	323.	1120.	2	1369.	0.00470	0.00	0.00	0.	10	0	C99	0.00

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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
2005 1635B	41.	167.	364.	1123.	5	833.	0.00600	12.00	0.00	0.	10	9	C99	0.79
2005 1636B	58.	218.	422.	1238.	5	1043.	0.00590	12.00	0.00	0.	20	10	C99	0.66
2005 1637AB	422.	1230.	1240.	2956.	5	1940.	0.00410	18.00	0.00	0.	10	0	C99	0.00
2005 1638A	53.	202.	1293.	2982.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.47
2005 1639B	50.	185.	50.	185.	4	1466.	0.01280	4.25	0.00	0.	30	9	C99	0.28
2005 1640B	57.	219.	107.	391.	0	0.	0.00000	0.00	0.00	0.	20	9	C99	0.23

CONFLUENCE Q'S

* 2005 1641A TA 1165 QA 2982. QAB 3088. QB 106. 2005 1641B TB 1157 QB 391. QBA 2675. QA 2285. *

* 2005 1641AB TAB 1164 QAB 3099. QA 2976. QB 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
2005 1641AB	107.	391.	1400.	3099.	5	183.	0.03260	13.00	0.00	0.	10	0	C99	0.00
2005 1642A	0.	0.	1400.	3098.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1643A	0.	0.	1400.	3098.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1644A	0.	0.	1400.	3098.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1645A	0.	0.	1400.	3098.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1646B	47.	192.	47.	192.	4	2374.	0.02730	3.75	0.00	0.	20	8	C99	0.15
2005 1647B	50.	192.	97.	368.	0	0.	0.00000	0.00	0.00	0.	20	9	C99	0.25
2005 1648C	71.	268.	71.	268.	4	2727.	0.06590	3.50	0.00	0.	10	10	C99	0.05
2005 1649C	80.	306.	151.	556.	0	0.	0.00000	0.00	0.00	0.	20	9	C99	0.18
2005 1650D	66.	235.	66.	235.	0	0.	0.00000	0.00	0.00	0.	20	10	C99	0.06
2005 1651CD	66.	235.	217.	786.	4	790.	0.01240	7.25	0.00	0.	10	0	C99	0.00
2005 1652BC	217.	784.	314.	1152.	5	1586.	0.01090	11.00	0.00	0.	10	0	C99	0.00
2005 1653B	44.	181.	358.	1258.	5	1450.	0.00330	14.00	0.00	0.	20	8	C99	0.23
2005 1654B	60.	242.	418.	1383.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.43
2005 1655B	0.	0.	418.	1383.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1656B	0.	0.	418.	1383.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1657B	10916.	13115.	10916.	13115.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00
2005 1658B	0.	0.	10916.	13115.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1659B	0.	0.	10916.	13115.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1660B	0.	0.	10916.	13115.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1661B	0.	0.	10916.	13115.	2	1534.	0.02730	0.00	0.00	0.	10	99	B98	0.00
2005 1662B	85.	325.	11001.	13144.	5	737.	0.00780	30.00	0.00	0.	20	9	C99	0.17
2005 1663C	71.	284.	71.	284.	4	1828.	0.04880	3.75	0.00	0.	10	9	C99	0.05
2005 1664C	89.	357.	160.	628.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.16

CONFLUENCE Q'S

* 2005 1665B TB 1208 QB 13144. QBC 13224. QC 80. 2005 1665C TC 1156 QC 628. QCB 9596. QB 8968. *

* 2005 1665BC TBC 1208 QBC 13224. QB 13144. QC 80. *

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
2005 1665BC	160.	628.	11161.	13224.	5	1401.	0.03820	21.00	0.00	0.	10	0	C99	0.00
2005 1666B	56.	222.	11217.	13241.	5	247.	0.00440	38.00	0.00	0.	30	8	C99	0.27
2005 1667C	53.	212.	53.	212.	1	1330.	0.13030	0.00	0.00	0.	10	9	C99	0.06
2005 1668C	86.	345.	139.	541.	2	968.	0.03820	0.00	0.00	0.	10	9	C99	0.10
2005 1669C	58.	233.	197.	761.	2	2317.	0.02560	0.00	0.00	0.	10	9	C99	0.14
2005 1670C	68.	292.	265.	875.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.19

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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
2005 1671C	0.	0.	265.	875.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 1672C	0.	0.	265.	875.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00

CONFLUENCE Q'S														
2005 1673B	TB 1209 QB	13241. QBC	13383. QC	142.	2005 1673C	TC 1158 QC	875. QCB	10716. QB	9841.					
										2005 1673BC	TBC 1209 QBC	13383. QB	13241. QC	142.

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
2005 1673BC	265.	875.	11482.	13383.	5	439.	0.01400	26.00	0.00	0.	10	0	C99	0.00
2005 1674C	40.	151.	40.	151.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.05
2005 1675C	46.	174.	86.	325.	1	1612.	0.11180	0.00	0.00	0.	10	10	C99	0.05
2005 1676C	39.	156.	125.	465.	1	835.	0.14480	0.00	0.00	0.	10	9	C99	0.05
2005 1677C	57.	215.	182.	663.	1	1319.	0.07900	0.00	0.00	0.	10	10	C99	0.05
2005 1678C	38.	144.	220.	766.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.10
2005 1679C	0.	0.	220.	766.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00
2005 1680C	80.	302.	300.	1052.	1	2700.	0.06330	0.00	0.00	0.	10	10	C99	0.05
2005 1681C	86.	325.	386.	1158.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.07
2005 1682D	74.	280.	74.	280.	1	909.	0.16020	0.00	0.00	0.	10	10	C99	0.05
2005 1683D	40.	171.	114.	447.	4	2518.	0.04560	4.50	0.00	0.	10	8	C99	0.05
2005 1684D	70.	281.	184.	698.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.15
2005 1685CD	184.	698.	570.	1785.	1	1298.	0.08620	0.00	0.00	0.	10	0	C99	0.00
2005 1686C	74.	280.	644.	1984.	2	1874.	0.02560	0.00	0.00	0.	10	10	C99	0.05
2005 1687C	95.	359.	739.	2169.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.05
2005 1688C	0.	0.	739.	2169.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00

RESERVOIR ROUTING AT 1688C														
* INCOMING HYDROGRAPH PEAK = 2169.13 INCOMING HYDROGRAPH VOLUME = 489.66 AC.FT. *														
* HYDROGRAPH ADJUSTMENT FACTOR = 0.93000 *														
* RESERVOIR INFLOW PEAK = 2017.29 TIME OF PEAK = 1160 VOLUME UNDER INFLOW HYDROGRAPH = 455.39 AC.FT. *														
* MAXIMUM ELEVATION = 994.47 TIME = 1167 SPILLAGE ELEVATION = 990.00 DIFFERENCE = +4.47 *														
* SPILLED FROM 200 TO 1440 FOR 1241 MINUTES *														
* RESERVOIR OUTFLOW PEAK = 1399.82 TIME OF PEAK = 1167 VOLUME UNDER OUTFLOW HYDROGRAPH = 433.41 AC.FT. *														

2005 1689C	0.	0.	739.	1400.	0	0.	0.00000	0.00	0.00	0.	10	99	C99	0.00
2005 1689C	0.	0.	739.	1400.	2	1954.	0.07310	0.00	0.00	0.	10	99	C99	0.00
2005 1690C	83.	332.	822.	1457.	2	2561.	0.03080	0.00	0.00	0.	10	9	C99	0.05
2005 1691C	55.	199.	877.	1483.	0	0.	0.00000	0.00	0.00	0.	20	10	C99	0.22

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

		CONFLUENCE Q'S														*
*	2005 1692B	TB 1209 QB	13383. QBC	14008. QC	625.	2005 1692C	TC 1172 QC	1483. QCB	11243. QB	9761.						*
*			2005 1692BC	TBC 1208 QBC	14012. QB	13376. QC	636.									*

		SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL		RAIN	PCT	
LOCATION		AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
2005 1692BC		877.	1483.	12359.	14012.	5	624.	0.02390	24.00	0.00	0.	10	0	B98	0.00	
2005 1693B		0.	0.	12359.	14010.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005 1694B		65.	280.	12424.	14044.	5	378.	0.01550	25.00	0.00	0.	10	8	C99	0.25	
2005 1695B		48.	206.	12472.	14070.	5	1286.	0.00730	33.00	0.00	0.	10	8	C99	0.26	
2005 1696B		42.	178.	12514.	14081.	0	0.	0.00000	0.00	0.00	0.	40	7	C99	0.39	
2005 1697B		0.	0.	12514.	14081.	0	0.	0.00000	0.00	0.00	0.	10	99	B98	0.00	
2005 1698B		55.	210.	12569.	14104.	5	1629.	0.03440	22.00	0.00	0.	20	9	C99	0.19	
2005 1699B		81.	335.	12650.	14139.	0	0.	0.00000	0.00	0.00	0.	20	8	C99	0.29	
2005 1700B		82.	315.	12732.	14175.	5	912.	0.01170	27.00	0.00	0.	20	9	C99	0.22	

		CONFLUENCE Q'S														*
*	2005 1701A	TA 1164 QA	3098. QAB	15184. QB	12085.	2005 1701B	TB 1211 QB	14171. QBA	14998. QA	827.						*
*			2005 1701AB	TAB 1160 QAB	15770. QA	2974. QB	12796.									*

		SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL		RAIN	PCT	
LOCATION		AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
2005 1701AB		12732.	14171.	14132.	15770.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00	
2005 1702A		64.	264.	14196.	15879.	0	0.	0.00000	0.00	0.00	0.	20	8	C99	0.27	
2005 1703B		63.	256.	63.	256.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.68	
2005 1704C		30.	122.	30.	122.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.60	
2005 1705BC		30.	122.	93.	377.	4	920.	0.00220	7.50	0.00	0.	10	0	C99	0.00	
2005 1706B		49.	187.	142.	546.	0	0.	0.00000	0.00	0.00	0.	10	10	C99	0.52	
2005 1707C		44.	190.	44.	190.	4	998.	0.00330	5.50	0.00	0.	10	8	C99	0.36	
2005 1708BC		44.	182.	186.	728.	4	1552.	0.00600	8.00	0.00	0.	10	0	C99	0.00	
2005 1709B		49.	178.	235.	864.	0	0.	0.00000	0.00	0.00	0.	10	11	C99	0.50	

		CONFLUENCE Q'S														*
*	2005 1710A	TA 1160 QA	15879. QAB	16731. QB	853.	2005 1710B	TB 1159 QB	864. QBA	16733. QA	15869.						*
*			2005 1710AB	TAB 1159 QAB	16733. QA	15869. QB	864.									*

		SUBAREA	SUBAREA	TOTAL	TOTAL	CONV	CONV	CONV	CONV	CONV	CONTROL	SOIL		RAIN	PCT	
LOCATION		AREA	Q	AREA	Q	TYPE	LNTH	SLOPE	SIZE	Z	Q	NAME	TC	ZONE	IMPV	
2005 1710AB		235.	864.	14431.	16733.	0	0.	0.00000	0.00	0.00	0.	10	0	B98	0.00	
2005 1711A		57.	207.	14488.	16926.	0	0.	0.00000	0.00	0.00	0.	10	11	C99	0.43	
2005 1712A		116.	476.	14604.	17198.	0	0.	0.00000	0.00	0.00	0.	30	8	C99	0.54	
2005 1713B		43.	185.	43.	185.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.20	
2005 1714C		71.	285.	71.	285.	0	0.	0.00000	0.00	0.00	0.	10	9	C99	0.11	
2005 1715D		75.	301.	75.	301.	3	2097.	0.06700	0.00	0.00	0.	10	9	C99	0.10	
2005 1716D		57.	245.	132.	483.	0	0.	0.00000	0.00	0.00	0.	10	8	C99	0.10	