Table 4-1. Summary of Hydrologic Data for Monitored Stations

DATE	STATION	LAND USE	ANTECEDENT DRY PERIOD (days)	TOTAL PRECIPITATION (in.)	RAINFALL DURATION (hrs)	AVG. RAINFALL INTENSITY (in./hr)	TOTAL RUNOFF VOLUME (acre-ft)
08-Nov-1999	Ballona Creek (S01)	ME	159	0.36	4.25	0.08	N/A
08-Nov-1999	Malibu Creek (S02)	ME	147	0.60	4.25	0.14	0.62
08-Nov-1999	Santa Monica Pier (S08)	COMM.	159	0.36	4.25	0.08	N/A
08-Nov-1999	L.A. River @ Wardlow (S10)	ME	159	0.12	2.00	0.06	N/A
08-Nov-1999	Sawpit Creek (S11)	VAC.	169	0.16	2.50	0.06	2.56
08-Nov-1999	Coyote Creek (S13)	ME	151	0.08	1.00	0.08	229
08-Nov-1999	San Gabriel River (S14)	ME	169	0.16	2.50	0.06	4.45
08-Nov-1999	Project 620 (S18)	HDSFR	158	0.12	1.75	0.07	8.72
08-Nov-1999	Dominguez Channel (S23)	TRAN.	159	0.36	4.25	0.08	N/A
08-Nov-1999	Project 1202 (S24)	LT. IND.	151	0.08	1.00	0.08	N/A
08-Nov-1999	Project 474 (S25)	EDU	158	0.48	4.50	0.11	1.14
08-Nov-1999	Project 404 (S26)	MFR	158	0.08	1.50	0.05	N/A
08-Nov-1999	Project 156 (S27)	MIX. RES.	158	0.12	1.75	0.07	3.35
31-Dec-1999	Ballona Creek (S01)	ME	41	0.04	0.50	0.08	179
31-Dec-1999	Malibu Creek (S02)	ME	42	0.04	0.50	0.08	N/A
31-Dec-1999	Santa Monica Pier (S08)	COMM.	41	0.04	0.50	0.08	N/A
31-Dec-1999	L.A. River @ Wardlow (S10)	ME	52	0.20	6.75	0.03	N/A
31-Dec-1999	Sawpit Creek (S11)	VAC.	41	0.16	1.00	0.16	1.02
31-Dec-1999	Coyote Creek (S13)	ME	4	0.04	0.25	0.16	291
31-Dec-1999	San Gabriel River (S14)	ME	41	0.16	1.00	0.16	82
31-Dec-1999	Project 620 (S18)	HDSFR	41	0.32	4.50	0.07	0.4
31-Dec-1999	Dominguez Channel (S23)	TRAN.	41	0.04	0.50	0.08	5.18
31-Dec-1999	Project 1202 (S24)	LT. IND.	4	0.04	0.25	0.16	4.17
31-Dec-1999	Project 404 (S26)	MFR	53	0.32	5.75	0.06	N/A
31-Dec-1999	Project 156 (S27)	MIX. RES.	41	0.08	1.00	0.08	2
25-Jan-2000	Ballona Creek (S01)	ME	8	0.48	5.00	0.10	1436
25-Jan-2000	Malibu Creek (S02)	ME	8	0.92	10.25	0.09	82
25-Jan-2000	Santa Monica Pier (S08)	COMM.	8	0.48	5.00	0.10	N/A
25-Jan-2000	L.A. River @ Wardlow (S10)	ME	25	0.36	14.25	0.03	515
25-Jan-2000	Sawpit Creek (S11)	VAC.	25	0.92	20.25	0.05	1.65
25-Jan-2000	Coyote Creek (S13)	ME	6	0.40	18.00	0.02	1497
25-Jan-2000	San Gabriel River (S14)	ME	25	0.92	20.25	0.05	303
25-Jan-2000	Project 620 (S18)	HDSFR	25	0.40	6.50	0.06	0.9
25-Jan-2000	Dominguez Channel (S23)	TRAN.	8	0.48	5.00	0.10	12.2
25-Jan-2000	Project 1202 (S24)	LT. IND.	6	0.40	18.00	0.02	1472
25-Jan-2000	Project 474 (S25)	EDU	2	0.96	19.50	0.05	4.23
25-Jan-2000	Project 404 (S26)	MFR	25	0.52	7.25	0.07	4.45
25-Jan-2000	Project 156 (S27)	MIX. RES.	25	0.40	6.50	0.06	2.1
30-Jan-2000	Ballona Creek (S01)	ME	3	0.28	6.50	0.04	750
30-Jan-2000	Malibu Creek (S02)	ME	4	0.20	3.50	0.06	14
30-Jan-2000	Santa Monica Pier (S08)	COMM.	3	0.28	6.50	0.04	N/A
30-Jan-2000	L.A. River @ Wardlow (S10)	ME	5	0.04	0.25	0.16	49
30-Jan-2000	Sawpit Creek (S11)	VAC.	5	0.40	5.75	0.07	2.88
30-Jan-2000	Coyote Creek (S13)	ME	5	0.16	1.75	0.09	127
30-Jan-2000	San Gabriel River (S14)	ME	5	0.40	5.75	0.07	159
30-Jan-2000	Project 620 (S18)	HDSFR	5	0.16	3.50	0.05	1.61
30-Jan-2000	Dominguez Channel (S23)	TRAN.	3	0.28	6.50	0.04	2.92
30-Jan-2000	Project 1202 (S24)	LT. IND.	5	0.16	1.75	0.09	3.56
30-Jan-2000	Project 474 (S25)	EDU	5	0.24	12.75	0.02	1.92
30-Jan-2000	Project 404 (S26)	MFR	4	0.20	5.50	0.04	1.52
30-Jan-2000	Project 156 (S27)	MIX. RES.	5	0.16	3.50	0.05	0.89
10-Feb-2000	Ballona Creek (S01)	ME	11	0.56	11.00	0.05	1608
10-Feb-2000	Malibu Creek (S02)	ME	11	1.00	17.00	0.06	81
10-Feb-2000	Santa Monica Pier (S08)	COMM.	11	0.56	11.00	0.05	N/A

* ALL FLOWS INCLUDE BASE FLOW

Table 4-1. Summary of Hydrologic Data for Monitored Stations

DATE	STATION	LAND USE	ANTECEDENT DRY PERIOD (days)	TOTAL PRECIPITATION (in.)	RAINFALL DURATION (hrs)	AVG. RAINFALL INTENSITY (in./hr)	TOTAL RUNOFF VOLUME (acre-ft)
10-Feb-2000	L.A. River @ Wardlow (S10)	ME	10	0.16	1.50	0.11	467.0
10-Feb-2000	Sawpit Creek (S11)	VAC.	11	1.24	11.00	0.11	1.94
10-Feb-2000	Coyote Creek (S13)	ME	11	0.28	8.75	0.03	1148
10-Feb-2000	San Gabriel River (S14)	ME	11	1.24	11.00	0.11	146
10-Feb-2000	Project 620 (S18)	HDSFR	11	0.76	14.00	0.05	2.02
10-Feb-2000	Dominguez Channel (S23)	TRAN.	11	0.56	11.00	0.05	7.58
10-Feb-2000	Project 1202 (S24)	LT. IND.	11	0.28	8.75	0.03	5.87
10-Feb-2000	Project 474 (S25)	EDU	11	0.72	17.00	0.04	2.53
10-Feb-2000	Project 404 (S26)	MFR	11	0.40	7.50	0.05	4.42
10-Feb-2000	Project 156 (S27)	MIX. RES.	11	0.76	14.00	0.05	3.53
12-Feb-2000	Ballona Creek (S01)	ME	2	0.60	17.50	0.03	2982
12-Feb-2000	Malibu Creek (S02)	ME	2	1.24	3.25	0.38	174
12-Feb-2000	Santa Monica Pier (S08)	COMM.	2	0.60	17.50	0.03	N/A
12-Feb-2000	L.A. River @ Wardlow (S10)	ME	1	0.48	2.25	0.21	1532
12-Feb-2000	Sawpit Creek (S11)	VAC.	2	1.00	3.25	0.31	6.83
12-Feb-2000	Coyote Creek (S13)	ME	2	0.40	2.25	0.18	3119
12-Feb-2000	San Gabriel River (S14)	ME	2	1.00	3.25	0.31	522
12-Feb-2000	Project 620 (S18)	HDSFR	1	0.84	3.25	0.26	2.17
12-Feb-2000	Dominguez Channel (S23)	TRAN.	2	0.60	17.50	0.03	36.1
12-Feb-2000	Project 1202 (S24)	LT. IND.	2	0.40	2.25	0.18	35
12-Feb-2000	Project 474 (S25)	EDU	2	0.56	2.75	0.20	9.46
12-Feb-2000	Project 404 (S26)	MFR	2	0.52	2.25	0.23	10.1
12-Feb-2000	Project 156 (S27)	MIX. RES.	1	0.84	3.25	0.26	4.97
16-Feb-2000	Ballona Creek (S01)	ME	2	0.64	16.75	0.04	2017
16-Feb-2000	Malibu Creek (S02)	ME	2	0.44	16.50	0.03	61
16-Feb-2000	Santa Monica Pier (S08)	COMM.	2	0.64	16.75	0.04	N/A
16-Feb-2000	L.A. River @ Wardlow (S10)	ME	2	0.44	16.25	0.03	896
16-Feb-2000	Sawpit Creek (S11)	VAC.	2	1.64	18.50	0.09	4.81
16-Feb-2000	Coyote Creek (S13)	ME	2	0.28	11.25	0.02	1923
16-Feb-2000	San Gabriel River (S14)	ME	2	1.64	18.50	0.09	382
16-Feb-2000	Project 620 (S18)	HDSFR	2	1.28	16.50	0.08	4.38
16-Feb-2000	Dominguez Channel (S23)	TRAN.	2	0.64	16.75	0.04	17
16-Feb-2000	Project 1202 (S24)	LT. IND.	2	0.28	11.25	0.02	16.5
16-Feb-2000	Project 474 (S25)	EDU	2	0.36	16.50	0.02	3.58
16-Feb-2000	Project 404 (S26)	MFR	2	0.80	15.75	0.05	8.72
16-Feb-2000	Project 156 (S27)	MIX. RES.	2	1.28	16.50	0.08	8.83
20-Feb-2000	Ballona Creek (S01)	ME	4	0.80	18.75	0.04	1418
20-Feb-2000	Malibu Creek (S02)	ME	4	1.52	17.25	0.09	974
20-Feb-2000	Santa Monica Pier (S08)	COMM.	4	0.80	18.75	0.04	N/A
20-Feb-2000	L.A. River @ Wardlow (S10)	ME	4	0.44	5.50	0.08	9450
20-Feb-2000	Sawpit Creek (S11)	VAC.	4	2.00	19.00	0.11	12.6
20-Feb-2000	Coyote Creek (S13)	ME	1	0.04	0.25	0.16	7245
20-Feb-2000	San Gabriel River (S14)	ME	4	2.00	19.00	0.11	422
20-Feb-2000	Project 620 (S18)	HDSFR	4	1.40	18.75	0.07	5.81
20-Feb-2000	Dominguez Channel (S23)	TRAN.	4	0.80	18.75	0.04	87.6
20-Feb-2000	Project 1202 (S24)	LT. IND.	1	0.04	0.25	0.16	48.6
20-Feb-2000	Project 474 (S25)	EDU	4	1.84	17.25	0.11	14.8
20-Feb-2000	Project 404 (S26)	MFR	4	1.28	19.00	0.07	28.4
20-Feb-2000	Project 156 (S27)	MIX. RES.	4	1.40	18.75	0.07	14.4
23-Feb-2000	Ballona Creek (S01)	ME	1	0.92	7.50	0.12	3280
23-Feb-2000	Malibu Creek (S02)	ME	1	2.31	8.75	0.26	1843
23-Feb-2000	Santa Monica Pier (S08)	COMM.	1	0.92	7.50	0.12	N/A
23-Feb-2000	L.A. River @ Wardlow (S10)	ME	2	0.80	7.75	0.10	4340
23-Feb-2000	Sawpit Creek (S11)	VAC.	2	1.56	12.75	0.12	9.38
23-Feb-2000	Coyote Creek (S13)	ME	1	0.16	21.50	0.01	3270
23-Feb-2000	San Gabriel River (S14)	ME	2	1.56	12.75	0.12	476
23-Feb-2000	Project 620 (S18)	HDSFR	2	1.88	12.75	0.15	3.77
23-Feb-2000	Dominguez Channel (S23)	TRAN.	1	0.92	7.50	0.12	29.5

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Table 4-1. Summary of Hydrologic Data for Monitored Stations

DATE	STATION	LAND USE	ANTECEDENT DRY PERIOD (days)	TOTAL PRECIPITATION (in.)	RAINFALL DURATION (hrs)	AVG. RAINFALL INTENSITY (in./hr)	TOTAL RUNOFF VOLUME (acre-ft)
23-Feb-2000	Project 1202 (S24)	LT. IND.	1	0.16	21.50	0.01	31.8
23-Feb-2000	Project 474 (S25)	EDU	1	1.36	8.25	0.16	9.41
23-Feb-2000	Project 404 (S26)	MFR	2	1.68	10.00	0.17	19.1
23-Feb-2000	Project 156 (S27)	MIX. RES.	2	1.88	12.75	0.15	9.79
27-Feb-2000	Ballona Creek (S01)	ME	4	0.28	4.75	0.06	N/A
27-Feb-2000	Malibu Creek (S02)	ME	2	0.44	4.75	0.09	13
27-Feb-2000	Santa Monica Pier (S08)	COMM.	4	0.28	4.75	0.06	N/A
27-Feb-2000	L.A. River @ Wardlow (S10)	ME	4	0.08	0.75	0.11	262
27-Feb-2000	Sawpit Creek (S11)	VAC.	4	0.64	6.75	0.09	2.59
27-Feb-2000	Coyote Creek (S13)	ME	2	0.04	0.25	0.16	384
27-Feb-2000	San Gabriel River (S14)	ME	4	0.64	6.75	0.09	67
27-Feb-2000	Project 620 (S18)	HDSFR	4	0.52	5.75	0.09	0.99
27-Feb-2000	Dominguez Channel (S23)	TRAN.	4	0.28	4.75	0.06	N/A
27-Feb-2000	Project 1202 (S24)	LT. IND.	2	0.04	0.25	0.16	2
27-Feb-2000	Project 474 (S25)	EDU	2	0.32	6.50	0.05	N/A
27-Feb-2000	Project 404 (S26)	MFR	4	0.44	2.00	0.22	5.25
27-Feb-2000	Project 156 (S27)	MIX. RES.	4	0.52	5.75	0.09	1.93
05-Mar-2000	Ballona Creek (S01)	ME	2	1.40	25.00	0.06	4682
05-Mar-2000	Malibu Creek (S02)	ME	2	1.32	9.00	0.15	505
05-Mar-2000	Santa Monica Pier (S08)	COMM.	2	1.40	25.00	0.06	N/A
05-Mar-2000	L.A. River @ Wardlow (S10)	ME	1	1.00	8.25	0.12	295
05-Mar-2000	Sawpit Creek (S11)	VAC.	2	1.36	21.75	0.06	8.54
03-Mar-2000	Coyote Creek (S13)	ME	5	0.04	0.25	0.16	2056
05-Mar-2000	San Gabriel River (S14)	ME	2	1.36	21.75	0.06	368
05-Mar-2000	Project 620 (S18)	HDSFR	2	1.24	13.00	0.10	0.86
05-Mar-2000	Dominguez Channel (S23)	TRAN.	2	1.40	25.00	0.06	N/A
03-Mar-2000	Project 1202 (S24)	LT. IND.	5	0.04	0.25	0.16	9.45
05-Mar-2000	Project 474 (S25)	EDU	2	0.68	10.00	0.07	N/A
05-Mar-2000	Project 404 (S26)	MFR	1	1.36	12.00	0.11	13.7
05-Mar-2000	Project 156 (S27)	MIX. RES.	2	1.24	13.00	0.10	1.9
08-Mar-2000	Ballona Creek (S01)	ME	2	0.40	5.00	0.08	1734
08-Mar-2000	Malibu Creek (S02)	ME	1	0.92	10.00	0.09	538
08-Mar-2000	Santa Monica Pier (S08)	COMM.	2	0.40	5.00	0.08	N/A
08-Mar-2000	L.A. River @ Wardlow (S10)	ME	2	0.88	8.75	0.10	709
08-Mar-2000	Sawpit Creek (S11)	VAC.	1	0.88	11.50	0.08	6.26
08-Mar-2000	Coyote Creek (S13)	ME	1	1.04	18.50	0.06	1648
08-Mar-2000	San Gabriel River (S14)	ME	1	0.88	11.50	0.08	846
08-Mar-2000	Project 620 (S18)	HDSFR	3	0.44	7.00	0.06	1.43
08-Mar-2000	Dominguez Channel (S23)	TRAN.	2	0.40	5.00	0.08	40.8
08-Mar-2000	Project 1202 (S24)	LT. IND.	1	1.04	18.50	0.06	42.1
08-Mar-2000	Project 474 (S25)	EDU	2	0.52	5.25	0.10	3.52
08-Mar-2000	Project 404 (S26)	MFR	3	0.80	8.00	0.10	5.45
08-Mar-2000	Project 156 (S27)	MIX. RES.	3	0.44	7.00	0.06	2.08

NA - No Flow Data Recorded At This Station

LAND USE CODES:

ME - Mass Emission
COMM. - Retail/Commercial
VAC. - Vacant
HDSFR - High Density Single Family Residential
TRAN. - Transportation
LT. IND. - Light Industrial
EDU - Educational
MFR - Multi-Family Residential
MIX. RES. - Mixed Residential

* ALL FLOWS INCLUDE BASE FLOW