

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)
10/12/00	Ballona Creek (S01)	ME	177	0.08	0.75	0.11	647.43
10/12/00	Malibu Creek (S02)	ME	177	0.00	0.00	NA	4.24
10/12/00	Santa Monica Pier (S08)	COMM.	177	0.08	0.75	0.11	NA
10/12/00	L.A. River @ Wardlow (S10)	ME	177	0.12	0.50	0.24	394.96
10/12/00	Sawpit Creek (S11)	VAC.	19	0.04	0.25	0.16	NA
10/12/00	Coyote Creek (S13)	ME	86	0.20	4.00	0.05	165.55
10/12/00	San Gabriel River (S14)	ME	19	0.04	0.25	0.16	8.42
10/12/00	Project 620 (S18)	HDSFR	177	0.00	0.00	NA	NA
10/12/00	Dominguez Channel (S23)	TRAN.	177	0.08	0.75	0.11	0.14
10/12/00	Project 1202 (S24)	LT. IND.	177	0.12	0.50	0.24	NA
10/12/00	Project 474 (S25)	EDU	177	0.16	2.75	0.06	0.30
10/12/00	Project 404 (S26)	MFR	19	0.04	0.25	0.16	0.55
10/12/00	Project 156 (S27)	MIX. RES.	177	0.00	0.00	NA	0.45
10/26/00	Ballona Creek (S01)	ME	15	0.68	8.75	0.08	NA
10/26/00	Malibu Creek (S02)	ME	14	1.48	20.25	0.07	NA
10/26/00	Santa Monica Pier (S08)	COMM.	15	0.68	8.75	0.08	NA
10/26/00	L.A. River @ Wardlow (S10)	ME	15	0.40	43.75	0.01	3,452.10
10/26/00	Sawpit Creek (S11)	VAC.	15	0.88	40.50	0.02	NA
10/26/00	Coyote Creek (S13)	ME	13	2.16	7.25	0.30	1,688.41
10/26/00	San Gabriel River (S14)	ME	15	0.88	40.50	0.02	623.25
10/26/00	Project 620 (S18)	HDSFR	14	0.48	23.50	0.02	0.26
10/26/00	Dominguez Channel (S23)	TRAN.	15	0.68	8.75	0.08	2.44
10/26/00	Project 1202 (S24)	LT. IND.	15	0.40	43.75	0.01	45.74
10/26/00	Project 474 (S25)	EDU	14	0.32	7.25	0.04	6.20
10/26/00	Project 404 (S26)	MFR	380	0.84	23.50	0.04	3.34
10/26/00	Project 156 (S27)	MIX. RES.	14	0.48	23.50	0.02	1.57
10/29/00	Ballona Creek (S01)	ME	2	0.40	5.50	0.07	351.17
10/29/00	Malibu Creek (S02)	ME	2	0.92	7.50	0.12	NA
10/29/00	Santa Monica Pier (S08)	COMM.	2	0.40	5.50	0.07	NA
10/29/00	L.A. River @ Wardlow (S10)	ME	1	0.87	11.00	0.08	2,303.96
10/29/00	Sawpit Creek (S11)	VAC.	2	0.72	7.75	0.09	No Data
10/29/00	Coyote Creek (S13)	ME	2	0.36	4.25	0.08	388.04
10/29/00	San Gabriel River (S14)	ME	2	0.72	7.75	0.09	372.20
10/29/00	Project 620 (S18)	HDSFR	2	0.56	5.25	0.11	0.78
10/29/00	Dominguez Channel (S23)	TRAN.	2	0.40	5.50	0.07	19.13
10/29/00	Project 1202 (S24)	LT. IND.	1	0.87	11.00	0.08	14.09
10/29/00	Project 474 (S25)	EDU	1	0.40	6.25	0.06	1.83
10/29/00	Project 404 (S26)	MFR	2	0.68	6.25	0.11	3.38
10/29/00	Project 156 (S27)	MIX. RES.	2	0.56	5.25	0.11	2.95
01/08/01	Ballona Creek (S01)	ME	71	0.16	2.50	0.06	450.63
01/08/01	Malibu Creek (S02)	ME	67	0.20	6.75	0.03	NA
01/08/01	Santa Monica Pier (S08)	COMM.	71	0.16	2.50	0.06	NA
01/08/01	L.A. River @ Wardlow (S10)	ME	71	0.16	3.25	0.05	NA
01/08/01	Sawpit Creek (S11)	VAC.	60	0.00	0.00	NA	NA
01/08/01	Coyote Creek (S13)	ME	15	0.40	4.50	0.09	357.95
01/08/01	San Gabriel River (S14)	ME	60	0.00	0.00	NA	62.87
01/08/01	Project 620 (S18)	HDSFR	71	0.08	2.00	0.04	1.40
01/08/01	Dominguez Channel (S23)	TRAN.	71	0.16	2.50	0.06	5.67
01/08/01	Project 1202 (S24)	LT. IND.	71	0.16	3.25	0.05	5.89
01/08/01	Project 474 (S25)	EDU	71	0.12	2.50	0.05	0.53
01/08/01	Project 404 (S26)	MFR	71	0.04	0.25	0.16	0.13
01/08/01	Project 156 (S27)	MIX. RES.	71	0.08	2.00	0.04	0.44
01/10/01	Ballona Creek (S01)	ME	2	3.88	18.00	0.22	7,221.60
01/10/01	Malibu Creek (S02)	ME	2	5.62	16.75	0.34	NA
01/10/01	Santa Monica Pier (S08)	COMM.	2	3.88	18.00	0.22	NA
01/10/01	L.A. River @ Wardlow (S10)	ME	2	1.16	7.25	0.16	25,152.72
01/10/01	Sawpit Creek (S11)	VAC.	60	3.72	19.00	0.20	17.29
01/10/01	Coyote Creek (S13)	ME	2	2.24	18.50	0.12	2,018.24
01/10/01	San Gabriel River (S14)	ME	60	3.72	19.00	0.20	2,660.80
01/10/01	Project 620 (S18)	HDSFR	2	3.52	18.00	0.20	5.80
01/10/01	Dominguez Channel (S23)	TRAN.	2	3.88	18.00	0.22	119.13
01/10/01	Project 1202 (S24)	LT. IND.	2	1.16	7.25	0.16	70.40
01/10/01	Project 474 (S25)	EDU	2	2.88	17.50	0.16	NA
01/10/01	Project 404 (S26)	MFR	2	3.04	19.50	0.16	23.19
01/10/01	Project 156 (S27)	MIX. RES.	2	3.52	18.00	0.20	20.04
01/24/01	Ballona Creek (S01)	ME	10	0.28	5.75	0.05	680.07

All flows include base flow
Hydrologic_Data.xls

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01/24/01	Malibu Creek (S02)	ME	12	0.52	4.25	0.12	83.02
01/24/01	Santa Monica Pier (S08)	COMM.	10	0.28	5.75	0.05	NA
01/24/01	L.A. River @ Wardlow (S10)	ME	14	0.32	6.25	0.05	1,349.86
01/24/01	Sawpit Creek (S11)	VAC.	13	0.52	10.00	0.05	10.28
01/24/01	Coyote Creek (S13)	ME	9	0.24	10.50	0.02	803.55
01/24/01	San Gabriel River (S14)	ME	13	0.52	10.00	0.05	421.27
01/24/01	Project 620 (S18)	HDSFR	12	0.28	3.75	0.07	1.87
01/24/01	Dominguez Channel (S23)	TRAN.	10	0.28	5.75	0.05	9.09
01/24/01	Project 1202 (S24)	LT. IND.	14	0.32	6.25	0.05	No Data
01/24/01	Project 474 (S25)	EDU	12	0.44	8.50	0.05	1.67
01/24/01	Project 404 (S26)	MFR	12	0.44	6.50	0.07	0.19
01/24/01	Project 156 (S27)	MIX. RES.	12	0.28	3.75	0.07	1.75
01/26/01	Ballona Creek (S01)	ME	2	0.04	0.75	0.05	1,197.60
01/26/01	Malibu Creek (S02)	ME	2	0.08	0.25	0.32	174.82
01/26/01	Santa Monica Pier (S08)	COMM.	2	0.04	0.75	0.05	NA
01/26/01	L.A. River @ Wardlow (S10)	ME	2	0.04	0.25	0.16	1,437.31
01/26/01	Sawpit Creek (S11)	VAC.	2	0.24	4.75	0.05	12.19
01/26/01	Coyote Creek (S13)	ME	2	0.20	16.75	0.01	1,252.84
01/26/01	San Gabriel River (S14)	ME	2	0.24	4.75	0.05	503.10
01/26/01	Project 620 (S18)	HDSFR	2	0.04	0.25	0.16	0.79
01/26/01	Dominguez Channel (S23)	TRAN.	2	0.04	0.75	0.05	22.60
01/26/01	Project 1202 (S24)	LT. IND.	2	0.04	0.25	0.16	9.85
01/26/01	Project 474 (S25)	EDU	2	0.16	1.75	0.09	3.64
01/26/01	Project 404 (S26)	MFR	2	0.32	9.75	0.03	NA
01/26/01	Project 156 (S27)	MIX. RES.	2	0.04	0.25	0.16	1.84
02/10/01	Ballona Creek (S01)	ME	15	4.12	90.00	0.05	802.90
02/10/01	Malibu Creek (S02)	ME	15	4.68	82.50	0.06	2,443.08
02/10/01	Santa Monica Pier (S08)	COMM.	15	4.12	90.00	0.05	NA
02/10/01	L.A. River @ Wardlow (S10)	ME	15	2.74	88.00	0.03	NA
02/10/01	Sawpit Creek (S11)	VAC.	3	3.76	81.50	0.05	4.23
02/10/01	Coyote Creek (S13)	ME	9	2.52	75.50	0.03	341.96
02/10/01	San Gabriel River (S14)	ME	3	3.76	81.50	0.05	203.02
02/10/01	Project 620 (S18)	HDSFR	15	3.48	86.75	0.04	0.77
02/10/01	Dominguez Channel (S23)	TRAN.	15	4.12	90.00	0.05	8.76
02/10/01	Project 1202 (S24)	LT. IND.	15	2.74	88.00	0.03	5.26
02/10/01	Project 474 (S25)	EDU	15	3.16	93.75	0.03	2.20
02/10/01	Project 404 (S26)	MFR	3	1.12	85.25	0.01	36.46
02/10/01	Project 156 (S27)	MIX. RES.	15	3.48	86.75	0.04	10.49
02/19/01	Ballona Creek (S01)	ME	6	0.40	3.25	0.12	1,145.72
02/19/01	Malibu Creek (S02)	ME	2	0.80	6.25	0.13	NA
02/19/01	Santa Monica Pier (S08)	COMM.	6	0.40	3.25	0.12	NA
02/19/01	L.A. River @ Wardlow (S10)	ME	1	0.12	2.00	0.06	762.96
02/19/01	Sawpit Creek (S11)	VAC.	5	0.20	5.75	0.03	6.81
02/19/01	Coyote Creek (S13)	ME	5	0.12	12.00	0.01	597.40
02/19/01	San Gabriel River (S14)	ME	5	0.20	5.75	0.03	429.76
02/19/01	Project 620 (S18)	HDSFR	6	0.20	4.00	0.05	NA
02/19/01	Dominguez Channel (S23)	TRAN.	6	0.40	3.25	0.12	NA
02/19/01	Project 1202 (S24)	LT. IND.	1	0.12	2.00	0.06	6.07
02/19/01	Project 474 (S25)	EDU	1	0.24	9.00	0.03	0.49
02/19/01	Project 404 (S26)	MFR	1	0.04	0.25	0.16	0.67
02/19/01	Project 156 (S27)	MIX. RES.	6	0.20	4.00	0.05	1.25
02/24/01	Ballona Creek (S01)	ME	1	2.28	57.00	0.04	6,541.33
02/24/01	Malibu Creek (S02)	ME	1	2.63	57.75	0.05	1,877.89
02/24/01	Santa Monica Pier (S08)	COMM.	1	2.28	57.00	0.04	NA
02/24/01	L.A. River @ Wardlow (S10)	ME	1	0.87	36.50	0.02	24,881.34
02/24/01	Sawpit Creek (S11)	VAC.	1	0.96	39.25	0.02	34.90
02/24/01	Coyote Creek (S13)	ME	1	0.08	1.00	0.08	6,240.30
02/24/01	San Gabriel River (S14)	ME	1	0.96	39.25	0.02	2,132.16
02/24/01	Project 620 (S18)	HDSFR	1	2.20	59.75	0.04	1.90
02/24/01	Dominguez Channel (S23)	TRAN.	1	2.28	57.00	0.04	122.46
02/24/01	Project 1202 (S24)	LT. IND.	1	0.87	36.50	0.02	NA
02/24/01	Project 474 (S25)	EDU	1	3.24	45.25	0.07	17.40
02/24/01	Project 404 (S26)	MFR	1	0.12	53.50	0.00	21.44
02/24/01	Project 156 (S27)	MIX. RES.	1	2.20	59.75	0.04	13.72
03/04/01	Ballona Creek (S01)	ME	4	1.28	37.00	0.03	2,766.45
03/04/01	Malibu Creek (S02)	ME	4	4.80	43.00	0.11	6,573.24
03/04/01	Santa Monica Pier (S08)	COMM.	4	1.28	37.00	0.03	NA

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03/04/01	L.A. River @ Wardlow (S10)	ME	8	0.75	23.75	0.03	10,093.36
03/04/01	Sawpit Creek (S11)	VAC.	6	1.00	48.75	0.02	No Data
03/04/01	Coyote Creek (S13)	ME	1	0.16	16.50	0.01	40.96
03/04/01	San Gabriel River (S14)	ME	6	1.00	48.75	0.02	341.57
03/04/01	Project 620 (S18)	HDSFR	4	0.76	37.25	0.02	0.61
03/04/01	Dominguez Channel (S23)	TRAN.	4	1.28	37.00	0.03	26.25
03/04/01	Project 1202 (S24)	LT. IND.	8	0.75	23.75	0.03	6.28
03/04/01	Project 474 (S25)	EDU	4	0.48	12.50	0.04	7.18
03/04/01	Project 404 (S26)	MFR	1	0.64	53.75	0.01	0.80
03/04/01	Project 156 (S27)	MIX. RES.	4	0.76	37.25	0.02	2.49
04/07/01	Ballona Creek (S01)	ME	32	0.48	7.50	0.06	1,918.03
04/07/01	Malibu Creek (S02)	ME	31	1.28	11.00	0.12	111.28
04/07/01	Santa Monica Pier (S08)	COMM.	32	0.48	7.50	0.06	NA
04/07/01	L.A. River @ Wardlow (S10)	ME	32	0.24	1.50	0.16	NA
04/07/01	Sawpit Creek (S11)	VAC.	5	1.20	10.50	0.11	NA
04/07/01	Coyote Creek (S13)	ME	1	0.20	5.50	0.04	720.84
04/07/01	San Gabriel River (S14)	ME	5	1.20	10.50	0.11	645.45
04/07/01	Project 620 (S18)	HDSFR	29	1.20	10.25	0.12	NA
04/07/01	Dominguez Channel (S23)	TRAN.	32	0.48	7.50	0.06	14.08
04/07/01	Project 1202 (S24)	LT. IND.	32	0.24	1.50	0.16	3.87
04/07/01	Project 474 (S25)	EDU	33	0.52	8.50	0.06	3.50
04/07/01	Project 404 (S26)	MFR	11	0.68	11.25	0.06	8.92
04/07/01	Project 156 (S27)	MIX. RES.	29	1.20	10.25	0.12	5.66

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