11169025 GUADALUPE RIVER ABOVE HIGHWAY 101, AT SAN JOSE, CA

Guadalupe River Basin

LOCATION.--Lat 37°22′26″, long 121°55′55″ referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.35, T.1 W., R.7 S., Santa Clara County, Hydrologic Unit 18050003, in San Jose, on left bank, 60 ft downstream of access bridge to San Jose Airport rental car return parking lot, and approximately 300 ft upstream from Highway 101.

DRAINAGE AREA.--160 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 2002 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 16.29 ft above NAVD of 1988, from levels.

REMARKS.--Records fair. Flow regulated by Lexington Reservoir 12 mi upstream and by Calero, Almaden, and Guadalupe Reservoirs, and Lake Elsman (combined usable capacity, about 42,000 acre-ft), with water released during summer for percolation in spreading basins on tributaries. Diversions into the above impoundments come from San Luis Reservoir (part of the San Felipe Project), from the South Bay Aqueduct, and from the Hetch Hetchy Aqueduct. There are upstream diversions by the San Jose Water Works for urban use. In addition, an off-stream holding basin located approximately 150 ft downstream collects runoff from part of San Jose Airport and periodically releases water into the stream causing the gage to be in backwater for a few minutes each day at low flows.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,070 ft^3/s, Dec. 16, 2002, gage height, 14.64 ft, from rating curve extended above 1,770 ft^3/s on basis of slope-conveyance computation; minimum daily, 17 ft^3/s, several days in October and November 2002.

11169025 GUADALUPE RIVER ABOVE HIGHWAY 101, AT SAN JOSE, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24	24	22	297	58	138	71	52	45	38	33	32
2	24	23	23	274	50	178	70	50	42	41	32	32
3	24	27	24	233	46	183	111	47	44	39	33	33
4	27	31	23	103	44	409	185	65	42	39	33	32
5	26	24	23	81	43	176	68	262	41	38	33	32
6	25	24	26	66	42	138	67	129	41	36	33	32
7	23	23	180	460	46	127	88	56	42	34	33	34
8	22	23	118	446	44	109	111	69	43	34	34	38
9	26	23	58	240	42	81	86	99	96	35	33	45
10	23	32	45	197	48	81	78	56	44	35	33	37
11	e24	129	37	601	56	72	75	52	41	35	33	33
12	21	46	32	278	63	67	80	51	41	35	34	38
13	24	30	29	220	42	66	78	50	42	35	32	43
14	23	29	27	138	88	67	54	48	46	35	33	42
15	19	29	28	107	781	65	53	47	41	34	33	46
16	18	27	30	95	232	57	54	47	40	35	37	41
17	43	24	29	93	113	57	55	47	40	35	36	39
18	74	24	26	89	270	74	55	45	38	35	35	39
19	982	28	26	101	260	139	53	59	39	37	34	35
20	166	25	25	86	263	82	51	49	40	35	34	36
21	44	22	25	76	606	69	49	49	39	34	35	38
22	34	24	25	68	225	539	44	47	39	34	35	34
23	39	23	25	63	133	299	76	45	39	33	35	33
24	52	24	24	59	105	241	51	45	39	32	35	32
25	31	24	24	57	97	213	51	42	39	34	34	31
26	530	24	25	182	177	188	47	43	38	33	34	32
27	60	30	499	74	308	144	47	43	38	34	32	30
28	31	26	266	247	368	223	281	42	37	34	31	34
29	29	24	100	90	---	124	68	44	37	34	31	31
30	28	22	947	72	---	80	54	46	36	33	32	33
31	27	---	652	66	---	70	---	46	---	33	31	---
Total	2,543	888	3,443	5,259	4,650	4,556	2,311	1,872	1,269	1,088	1,036	1,067
Mean	82.0	29.6	111	170	166	147	77.0	60.4	42.3	35.1	33.4	35.6
Max	982	129	947	601	781	539	281	262	96	41	37	46
Min	18	22	22	57	42	57	44	42	36	32	31	30
Ac-ft	5,040	1,760	6,830	10,430	9,220	9,040	4,580	3,710	2,520	2,160	2,050	2,120

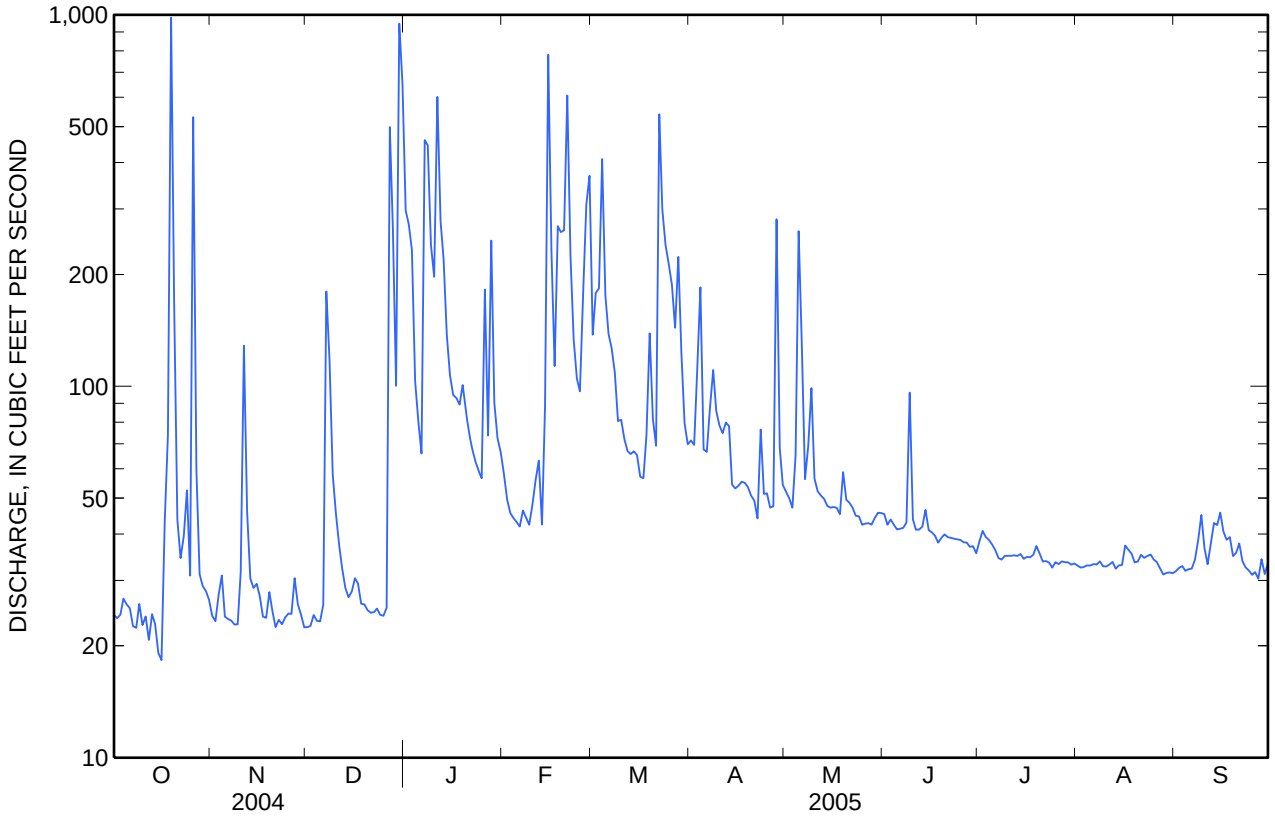
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	42.6	58.8	179	116	124	85.1	68.2	47.0	31.0	27.0	26.1	26.8
Max	82.0	73.6	301	170	166	147	88.8	60.4	42.3	35.1	33.4	35.6
(WY)	(2005)	(2004)	(2003)	(2005)	(2005)	(2005)	(2003)	(2005)	(2005)	(2005)	(2005)	(2005)
Min	19.2	29.6	111	72.3	56.6	53.3	38.9	34.7	22.8	20.8	21.5	20.9
(WY)	(2003)	(2005)	(2005)	(2003)	(2003)	(2003)	(2004)	(2004)	(2002)	(2002)	(2002)	(2002)

11169025 GUADALUPE RIVER ABOVE HIGHWAY 101, AT SAN JOSE, CA—Continued

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 2002 - 2005	
Annual total	21,624		29,982			
Annual mean	59.1		82.1		69.8	
Highest annual mean					82.1	2005
Lowest annual mean					59.3	2004
Highest daily mean	1,670	Jan 1	982	Oct 19	1,890	Dec 16, 2002
Lowest daily mean	18	Oct 16	18	Oct 16	17	Oct 11, 2002
Annual seven-day minimum	21	Sep 12	22	Oct 10	17	Oct 28, 2002
Maximum peak flow			3,950	Oct 19	6,070	Dec 16, 2002
Maximum peak stage			12.70	Oct 19	14.64	Dec 16, 2002
Annual runoff (ac-ft)	42,890		59,470		50,590	
10 percent exceeds	60		184		108	
50 percent exceeds	30		42		34	
90 percent exceeds	23		25		23	



WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2003 to current year (storm season only).
WATER TEMPERATURE: Water years 2003 to current year.
SEDIMENT DATA: Water years 2003 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: November 2002 to current year.

REMARKS.--Sediment samples were collected on most days where water temperature is published. Highest discharge observed with zero bed-load movement during current year, 345 ft^3/s.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SEDIMENT CONCENTRATION: Maximum daily mean, 436 mg/L, Dec. 16, 2002; minimum daily mean, 3 mg/L, Jan. 23, 2004.
SEDIMENT LOAD: Maximum daily, 3,610 tons, Dec. 16, 2002; minimum daily, 0.30 ton, Jan. 23, 2004.

EXTREMES FOR CURRENT YEAR.--
SEDIMENT CONCENTRATION: (storm season only) Maximum daily mean, 295 mg/L, Oct. 19; minimum daily mean, 5 mg/L, Mar. 9, Apr. 5-6.
SEDIMENT LOAD: (storm season only) Maximum daily, 1,680 tons, Oct. 19; minimum daily, 0.43 ton, Nov. 21.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY INSTANTANEOUS VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18.0	---	---	11.5	---	---	19.5	---	---	---	---	---
2	---	16.0	13.5	10.5	14.5	---	---	---	---	---	---	---
3	---	---	14.0	---	---	---	---	---	---	---	---	---
4	---	---	---	---	15.0	13.5	16.0	---	---	---	22.0	---
5	19.5	16.5	14.0	12.0	---	14.0	---	---	---	---	---	---
6	---	---	---	13.0	15.5	16.0	---	---	19.5	---	---	---
7	---	17.0	12.0	11.0	---	---	---	---	---	21.0	---	---
8	20.0	---	---	11.5	---	---	15.0	---	---	---	---	20.0
9	---	16.0	---	11.5	---	---	---	---	---	---	---	---
10	---	---	15.0	---	---	18.0	19.5	---	---	---	---	---
11	---	---	---	---	15.0	18.0	---	---	---	---	---	---
12	19.5	16.5	---	11.0	---	---	---	---	---	---	---	---
13	---	---	---	---	15.0	18.0	---	20.0	---	---	---	---
14	---	17.0	15.0	11.0	---	---	17.0	---	---	---	---	---
15	19.5	---	---	---	12.5	---	19.0	---	---	---	---	---
16	---	16.0	---	11.0	15.0	---	---	---	---	---	---	---
17	---	---	14.5	---	---	---	19.0	---	---	---	---	---
18	---	---	---	12.5	15.0	16.5	---	---	---	---	---	---
19	15.0	16.5	15.0	---	---	16.5	---	---	---	---	---	---
20	17.5	---	---	---	14.0	16.5	18.0	---	---	---	---	---
21	17.0	14.5	15.0	13.5	---	---	---	---	---	---	---	---
22	17.5	---	---	---	---	---	17.5	---	---	---	---	---
23	---	---	---	13.0	13.5	---	---	---	---	---	---	---
24	---	15.0	13.0	---	---	---	17.0	---	---	---	---	---
25	---	---	---	14.0	15.5	14.5	---	---	---	---	---	---
26	15.0	17.0	13.5	---	---	---	---	---	---	---	---	---
27	---	---	11.0	---	14.5	14.0	---	---	---	---	---	---
28	---	14.5	---	12.0	---	15.0	17.0	---	---	---	---	---
29	17.0	---	13.0	---	---	---	20.0	---	---	---	---	---
30	---	14.0	12.0	13.0	---	15.5	---	---	---	---	---	---
31	17.5	---	12.0	---	---	---	---	---	---	---	---	---

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
(Not previously published)

Part 1 of 3

Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)	Suspnd. sediment, sieve diametr percent <.063mm (70331)
Sep						
28...	1305	22	20.0	30	1.8	62

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 3

Date	Time	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)	Suspnd. sediment, falldia dst wat percent <.002mm (70337)	Suspnd. sediment, falldia dst wat percent <.004mm (70338)	Suspnd. sediment, falldia dst wat percent <.008mm (70339)	Suspnd. sediment, falldia dst wat percent <.016mm (70340)	Suspnd. sediment, falldia dst wat percent <.031mm (70341)	Suspnd. sediment, sieve diametr percent <.063mm (70331)	Suspnd. sediment, sieve diametr percent <.125mm (70332)	Suspnd. sediment, sieve diametr percent <.25mm (70333)
Oct													
19...	1500	3,770	15.0	842	8,570	34	43	56	72	86	92	97	99
26...	1205	779	15.0	120	252	--	--	--	--	--	97	98	100
Nov													
02...	1055	22	16.0	12	.71	--	--	--	--	--	56	--	--
Dec													
02...	1050	22	13.5	15	.89	--	--	--	--	--	28	--	--
07...	1100	345	12.0	78	73	--	--	--	--	--	95	97	99
Jan													
06...	1435	62	13.0	12	2.0	--	--	--	--	--	87	--	--
Feb													
02...	1310	48	14.5	8	1.0	--	--	--	--	--	67	--	--
Mar													
10...	1315	83	18.0	12	2.7	--	--	--	--	--	82	--	--
Apr													
04...	1315	112	16.0	11	3.3	--	--	--	--	--	92	--	--
May													
13...	1425	49	20.0	10	1.3	--	--	--	--	--	76	--	--

11169025 GUADALUPE RIVER ABOVE HIGHWAY 101, AT SAN JOSE, CA—Continued

PARTICLE-SIZE DISTRIBUTION OF SUSPENDED SEDIMENT WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 3

Date	Suspnd. sedi-ment, sieve diametr percent <.5 mm (70334)
Oct	
19...	100
26...	--
Nov	
02...	--
Dec	
02...	--
07...	100
Jan	
06...	--
Feb	
02...	--
Mar	
10...	--
Apr	
04...	--
May	
13...	--

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Number of sam-pling points, count (00063)	Instan-taneous dis-charge, cfs (00061)	Temper-ature, water, deg C (00010)	Bed sedi-ment, dry svd sve dia percent <.063mm (80164)	Bed sedi-ment, dry svd sve dia percent <.125mm (80165)	Bed sedi-ment, dry svd sve dia percent <.25mm (80166)	Bed sedi-ment, dry svd sve dia percent <.5 mm (80167)	Bed sedi-ment, dry svd sve dia percent <1 mm (80168)	Bed sedi-ment, dry svd sve dia percent <2 mm (80169)	Bed sedi-ment, dry svd sve dia percent <4 mm (80170)	Bed sedi-ment, dry svd sve dia percent <8 mm (80171)	Bed sedi-ment, dry svd sve dia percent <16 mm (80172)
Feb													
15...	1633	1	458	12.5	21	38	56	72	90	100	--	--	--
15...	1636	1	457	12.5	11	22	37	50	65	85	90	94	100
15...	1639	1	455	12.5	14	26	39	53	71	90	95	100	--
15...	1642	1	454	12.5	12	25	47	68	85	98	100	--	--
15...	1645	1	453	12.5	12	26	50	71	87	98	100	--	--
15...	1648	1	455	12.5	--	--	<.5	1	2	8	17	23	39
15...	1651	1	457	12.5	--	--	--	--	--	<.5	2	7	26
15...	1653	1	458	12.5	--	--	--	<.5	2	4	7	10	22

11169025 GUADALUPE RIVER ABOVE HIGHWAY 101, AT SAN JOSE, CA—Continued

PARTICLE-SIZE DISTRIBUTION OF SURFACE BED MATERIAL WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 2

[Remark codes: <, less than.]

Date	Bed sediment, dry svd sve dia percent <32 mm (80173)
Feb	
15...	--
15...	--
15...	--
15...	--
15...	--
15...	100
15...	100
15...	100

PARTICLE-SIZE DISTRIBUTION OF BEDLOAD WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 1 of 3

Date	Time	Sampling method, code (82398)	Sampler type, code (84164)	Bag mesh size, bedload sampler mm (30333)	Tether line used in samplng (yes=1) code (04117)	Startng time, 24 hour clock, hr-min (82073)	Ending time, 24 hour clock, hr-min (82074)	Rest time on bed for bed load sample, seconds (04120)	Horizontal width of vertical, feet (04121)	Compstd samples in x-sec bedload measmnt number (04118)	Verticals in composite sample, number (04119)	Number of sampling points, count (00063)	Location in X-sect. looking dwnstrm ft from l bank (00009)
Oct													
19...	1458	1000	1140	.250	.0	1450	1506	5	15.0	2	9	9	7.50
19...	1524	1000	1140	.250	.0	1519	1529	5	15.0	2	9	9	7.50
Feb													
15...	0824	1000	1140	.250	.0	0817	0830	20	10.0	2	9	9	5.00
15...	0847	1000	1140	.250	.0	0846	0854	15	10.0	2	9	9	5.00
15...	1304	1000	1140	.250	.0	1300	1309	30	5.0	2	18	18	2.50
15...	1326	1000	1140	.250	.0	1321	1331	30	5.0	2	18	18	2.50
21...	0333	1000	1140	.250	.0	0325	0340	20	10.0	2	9	9	5.00
21...	0355	1000	1140	.250	.0	0350	0400	15	10.0	2	9	9	5.00
27...	2350	1000	1140	.250	.0	2345	2356	10	10.0	2	9	9	5.00
28...	0013	1000	1140	.250	.0	0008	0018	20	10.0	2	9	9	5.00

11169025 GUADALUPE RIVER ABOVE HIGHWAY 101, AT SAN JOSE, CA—Continued

PARTICLE-SIZE DISTRIBUTION OF BEDLOAD
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 2 of 3

Date	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Bedload sedimnt dschrge average unit cmposit t/d/ft (04122)	Bedload sediment discharge, tons/d (80225)	Bedload sediment, sieve diametr percent <.125mm (80227)	Bedload sediment, sieve diametr percent <.25mm (80228)	Bedload sediment, sieve diametr percent <.5 mm (80229)	Bedload sediment, sieve diametr percent <1 mm (80230)	Bedload sediment, sieve diametr percent <2 mm (80231)	Bedload sediment, sieve diametr percent <4 mm (80232)	Bedload sediment, sieve diametr percent <8 mm (80233)	Bedload sediment, sieve diametr percent <16 mm (80234)	Bedload sediment, sieve diametr percent <32 mm (80235)
Oct													
19...	3,750	15.0	6.20	945	--	1	2	5	10	22	39	65	100
19...	3,940	15.0	7.80	945	1	1	4	6	10	25	50	75	100
Feb													
15...	1,300	12.5	3.60	351	--	--	1	9	24	43	60	82	100
15...	1,430	12.5	4.20	351	--	--	1	2	5	10	18	44	83
15...	1,000	12.5	2.70	239	--	--	1	6	14	25	41	61	80
15...	859	12.5	2.60	239	--	--	1	6	13	23	37	60	88
21...	1,010	--	7.20	639	--	--	2	11	26	45	67	87	100
21...	1,050	--	7.00	639	--	--	1	6	18	36	57	83	100
27...	1,480	--	4.90	495	--	--	3	14	27	39	51	76	92
28...	1,440	--	6.10	495	--	--	1	5	16	37	54	74	96

PARTICLE-SIZE DISTRIBUTION OF BEDLOAD
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Part 3 of 3

Date	Bedload sediment, sieve diametr percent <64 mm (80236)
Oct	
19...	--
19...	--
Feb	
15...	--
15...	100
15...	100
15...	100
21...	--
21...	--
27...	100
28...	100

11169025 GUADALUPE RIVER ABOVE HIGHWAY 101, AT SAN JOSE, CA—Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY)
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
[e, estimated]

Day	Mean discharge (ft^3/s)	Mean concen-tration (mg/l)	Sediment discharge (tons/day)	Mean discharge (ft^3/s)	Mean concen-tration (mg/l)	Sediment discharge (tons/day)	Mean discharge (ft^3/s)	Mean concen-tration (mg/l)	Sediment discharge (tons/day)
		October			November			December	
1	24	32	2.0	24	9	0.58	22	14	0.88
2	24	33	2.1	23	9	0.58	23	18	1.1
3	24	34	2.2	27	8	0.60	24	37	2.4
4	27	35	2.5	31	10	0.86	23	27	1.7
5	26	36	2.5	24	12	0.80	23	9	0.58
6	25	35	2.4	24	11	0.68	26	7	0.46
7	23	35	2.1	23	9	0.55	180	56	47
8	22	34	2.1	23	11	0.66	118	35	13
9	26	32	2.3	23	13	0.83	58	20	3.3
10	23	30	1.9	32	25	2.3	45	10	1.3
11	e24	28	e1.8	129	53	22	37	10	0.98
12	21	27	1.5	46	23	3.3	32	10	0.91
13	24	27	1.8	30	15	1.2	29	11	0.87
14	23	28	1.7	29	15	1.2	27	17	1.2
15	19	28	1.5	29	60	4.7	28	13	0.96
16	18	25	1.2	27	22	1.6	30	13	1.0
17	43	34	7.8	24	17	1.1	29	10	0.81
18	74	31	8.8	24	13	0.81	26	10	0.73
19	982	295	1,680	28	9	0.66	26	13	0.93
20	166	78	39	25	8	0.50	25	14	0.94
21	44	22	2.7	22	7	0.43	25	14	0.92
22	34	11	1.0	24	7	0.46	25	13	0.87
23	39	13	1.5	23	8	0.47	25	12	0.82
24	52	16	2.2	24	8	0.51	24	11	0.73
25	31	12	1.0	24	8	0.56	24	11	0.75
26	530	131	336	24	9	0.58	25	13	0.92
27	60	50	8.1	30	16	1.4	499	118	266
28	31	33	2.8	26	17	1.2	266	42	41
29	29	17	1.3	24	13	0.84	100	15	5.0
30	28	10	0.79	22	14	0.84	947	109	286
31	27	7	0.50	---	---	---	652	98	193
Total	2,543	---	2,125.09	888	---	52.80	3,443	---	877.06

11169025 GUADALUPE RIVER ABOVE HIGHWAY 101, AT SAN JOSE, CA—Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY)
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
[e, estimated]

Day	Mean discharge (ft^3/s)	Mean concen-tration (mg/l)	Sediment discharge (tons/day)	Mean discharge (ft^3/s)	Mean concen-tration (mg/l)	Sediment discharge (tons/day)	Mean discharge (ft^3/s)	Mean concen-tration (mg/l)	Sediment discharge (tons/day)
		January			February			March	
1	297	63	53	58	8	1.3	138	17	6.3
2	274	57	56	50	10	1.3	178	20	10
3	233	61	41	46	11	1.4	183	18	12
4	103	33	9.5	44	10	1.2	409	43	52
5	81	15	3.4	43	8	0.95	176	21	10
6	66	12	2.1	42	7	0.74	138	12	4.5
7	460	69	115	46	8	0.97	127	10	3.4
8	446	47	58	44	10	1.2	109	8	2.3
9	240	31	21	42	11	1.3	81	5	1.2
10	197	38	40	48	10	1.3	81	10	2.2
11	601	87	147	56	16	3.4	72	16	3.1
12	278	33	25	63	21	3.9	67	17	3.1
13	220	25	15	42	15	1.7	66	17	3.1
14	138	16	5.9	88	28	12	67	20	3.7
15	107	11	3.2	781	130	369	65	24	4.2
16	95	9	2.3	232	32	22	57	28	4.3
17	93	8	2.1	113	15	5.2	57	31	4.8
18	89	8	1.9	270	40	35	74	38	7.9
19	101	8	2.1	260	58	61	139	53	25
20	86	7	1.7	263	36	29	82	17	3.9
21	76	7	1.4	606	102	204	69	9	1.7
22	68	7	1.4	225	29	18	539	99	178
23	63	8	1.3	133	13	4.8	299	58	51
24	59	8	1.4	105	8	2.3	241	39	25
25	57	16	2.7	97	6	1.5	213	26	15
26	182	60	42	177	24	11	188	25	13
27	74	14	2.9	308	34	67	144	26	14
28	247	52	38	368	54	82	223	35	24
29	90	19	4.7	---	---	---	124	41	16
30	72	9	1.8	---	---	---	80	20	4.3
31	66	8	1.4	---	---	---	70	17	3.3
Total	5,259	---	704.2	4,650	---	944.46	4,556	---	512.3

11169025 GUADALUPE RIVER ABOVE HIGHWAY 101, AT SAN JOSE, CA—Continued

SEDIMENT DISCHARGE, SUSPENDED (TONS/DAY)
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
[e, estimated]

Day	Mean discharge (ft^3/s)	Mean concen-tration (mg/l)	Sediment discharge (tons/day)	Mean discharge (ft^3/s)	Mean concen-tration (mg/l)	Sediment discharge (tons/day)	Mean discharge (ft^3/s)	Mean concen-tration (mg/l)	Sediment discharge (tons/day)
		April							
1	71	17	3.4						
2	70	14	2.7						
3	111	22	13						
4	185	27	22						
5	68	5	0.94						
6	67	5	0.94						
7	88	10	2.6						
8	111	29	12						
9	86	14	3.2						
10	78	13	2.8						
11	75	15	3.0						
12	80	18	3.9						
13	78	21	4.5						
14	54	23	3.4						
15	53	16	2.3						
16	54	16	2.3						
17	55	18	2.6						
18	55	18	2.7						
19	53	18	2.6						
20	51	18	2.5						
21	49	18	2.3						
22	44	17	2.0						
23	76	28	6.4						
24	51	14	1.9						
25	51	13	1.8						
26	47	16	2.1						
27	47	19	2.5						
28	281	66	89						
29	68	12	2.4						
30	54	10	1.5						
31	---	---	---						
Total	2,311	---	205.28						
Period	23,650		5,421.19						

11169025 GUADALUPE RIVER ABOVE HIGHWAY 101, AT SAN JOSE, CA—Continued

SUMMARY OF WATER AND SEDIMENT DISCHARGE
OCTOBER 2004 TO APRIL 2005

Month	Water discharge (CFS-days)	Suspended sediment discharge (tons)	Estimated bedload discharge (tons)	Estimated total sediment discharge (tons)
October 2004	2,543	2,125.09	359	2,484
November	888	52.8	0	53
December	3,443	877.06	476	1,353
January 2005	5,259	704.2	212	916
February	4,650	944.46	481	1,425
March	4,556	512.3	105	617
April	2,311	205.28	30	235
Period	23,650	5,421.19	1,663	7,083