11162753 San Mateo Creek below Lower Crystal Springs Reservoir, near San Mateo, CA

San Mateo Creek Basin

LOCATION.--Lat 37°31′46″, long 122°21′30″ referenced to North American Datum of 1983, San Mateo County, CA, Hydrologic Unit 18050004, in Pulgas Land Grant, on left bank at footbridge, 0.22 mi downstream of Crystal Springs Dam, 0.45 mi upstream of Polhemus Creek, and 2.8 mi southwest of San Mateo.

DRAINAGE AREA.--29.8 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 2008 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 160 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair. Flow regulated by Lower Crystal Springs Reservoir 0.22 mi upstream of gage, usable capacity, 57,910 acre-ft.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 166 ft^3/s, Mar. 23, 2011, gage height, 6.12 ft; minimum daily, 0.02 ft^3/s, May 20, 22, 2011.

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 11162753, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/11162753.2011.pdf

11162753 San Mateo Creek below Lower Crystal Springs Reservoir, near San Mateo, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.76	0.99	0.97	1.8	2.4	1.3	112	2.0	0.33	0.41	1.0	1.0
2	0.75	1.0	0.97	2.9	2.9	1.3	115	2.1	0.29	0.41	0.98	1.2
3	0.75	1.0	0.97	1.5	3.1	1.2	117	1.6	0.30	0.39	1.0	1.2
4	0.75	1.0	0.97	1.2	2.9	1.1	119	1.4	1.9	0.40	0.98	1.3
5	0.74	1.0	1.6	1.1	2.8	1.0	121	1.4	0.45	0.38	1.2	1.2
6	0.75	1.0	1.1	1.1	2.7	1.6	118	0.69	0.42	0.37	1.3	1.2
7	0.75	2.9	0.92	1.1	2.5	1.2	98	0.35	0.48	0.43	1.4	1.2
8	0.75	1.0	6.3	1.0	2.3	1.1	83	0.31	0.48	0.65	1.3	1.1
9	0.75	1.0	1.8	1.0	2.2	1.0	80	0.26	0.45	1.1	1.2	1.1
10	0.74	1.0	1.0	1.1	2.0	0.90	80	0.31	0.44	1.2	1.3	1.1
11	0.74	0.99	0.91	1.1	1.6	0.88	80	0.29	0.37	1.2	1.0	1.1
12	0.73	0.99	0.90	1.0	1.0	0.86	79	0.37	0.35	1.4	0.94	1.1
13	0.76	0.97	0.87	1.0	0.92	1.2	78	0.21	0.34	1.6	1.0	1.1
14	0.87	0.96	1.3	0.87	1.0	2.3	63	0.06	0.26	1.5	0.92	1.1
15	0.87	0.95	1.1	0.86	1.2	3.5	60	0.27	0.25	1.7	0.96	1.1
16	0.87	0.95	0.89	0.96	4.8	3.8	62	0.07	0.30	1.7	1.1	1.1
17	0.88	0.95	3.4	0.92	5.0	1.5	61	0.54	0.33	1.6	1.1	1.3
18	0.87	1.2	4.8	0.97	7.1	7.3	61	0.33	0.28	1.5	1.2	1.3
19	0.87	1.6	19	0.92	7.4	11	47	0.04	0.31	1.5	1.2	1.3
20	0.87	3.9	2.2	0.91	2.3	9.4	39	0.02	0.28	1.5	1.3	1.3
21	0.87	4.3	1.5	0.91	1.6	2.6	42	0.06	0.26	1.6	1.1	1.1
22	0.87	1.2	2.3	0.91	1.4	2.5	34	0.02	0.34	1.4	1.0	1.1
23	0.90	3.6	1.4	0.97	1.3	50	25	0.03	0.33	1.1	1.0	1.2
24	4.0	1.1	1.2	0.81	2.4	83	25	0.03	0.34	1.4	1.1	1.3
25	1.1	1.0	8.6	1.00	9.9	74	25	0.05	0.34	1.1	0.93	1.3
26	1.0	1.0	3.1	0.98	3.7	92	20	0.36	0.34	1.0	0.98	1.2
27	1.0	2.6	1.5	0.96	3.2	84	14	0.37	0.37	1.2	1.1	1.1
28	0.99	1.1	9.7	0.96	2.6	83	8.2	0.04	0.81	1.3	1.0	1.2
29	0.98	1.0	12	1.0	---	81	2.2	0.05	0.42	1.3	1.1	1.2
30	1.1	0.99	2.1	1.9	---	82	2.3	0.04	0.40	1.0	1.0	1.2
31	0.99	---	1.6	1.3	---	96	---	0.10	---	1.3	1.00	---
Total	29.62	43.24	96.97	35.01	84.22	783.54	1,870.7	13.77	12.56	34.64	33.69	35.3
Mean	0.96	1.44	3.13	1.13	3.01	25.3	62.4	0.44	0.42	1.12	1.09	1.18
Max	4.0	4.3	19	2.9	9.9	96	121	2.1	1.9	1.7	1.4	1.3
Min	0.73	0.95	0.87	0.81	0.92	0.86	2.2	0.02	0.25	0.37	0.92	1.0
Ac-ft	59	86	192	69	167	1,550	3,710	27	25	69	67	70

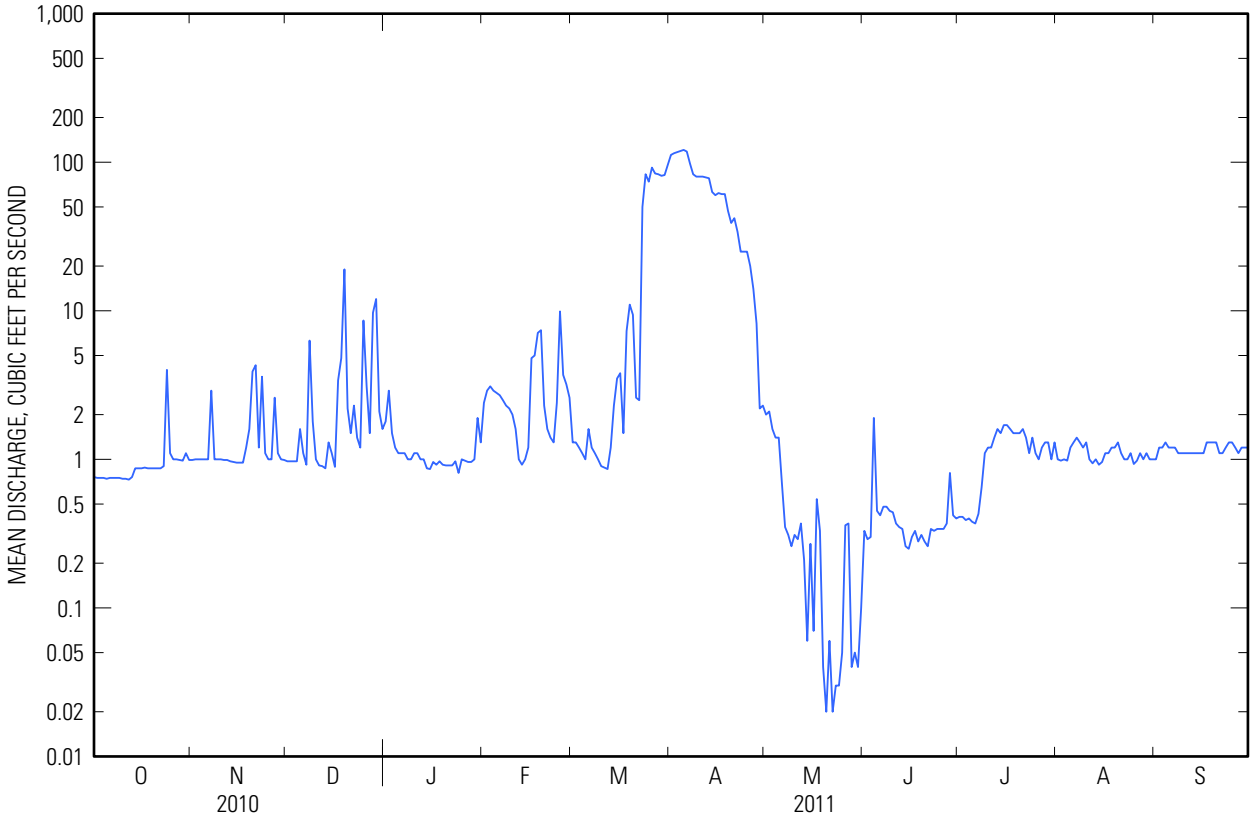
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2008 - 2011, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1.00	1.02	1.89	1.92	3.23	10.0	22.1	2.35	0.64	0.83	0.84	0.84
Max	1.45	1.44	3.13	3.84	5.19	25.3	62.4	5.80	0.82	1.12	1.09	1.18
(WY)	(2010)	(2011)	(2011)	(2010)	(2009)	(2011)	(2011)	(2010)	(2010)	(2011)	(2011)	(2011)
Min	0.59	0.72	1.08	0.78	1.50	2.13	0.77	0.44	0.42	0.64	0.69	0.63
(WY)	(2009)	(2010)	(2009)	(2009)	(2010)	(2009)	(2009)	(2011)	(2011)	(2009)	(2009)	(2009)

11162753 San Mateo Creek below Lower Crystal Springs Reservoir, near San Mateo, CA—Continued

SUMMARY STATISTICS

	Calendar Year 2010		Water Year 2011		Water Years 2008 - 2011	
Annual total	783.39		3,073.26			
Annual mean	2.15		8.42		3.87	
Highest annual mean					8.42	2011
Lowest annual mean					1.21	2009
Highest daily mean	25	Jan 19	121	Apr 5	121	Apr 5, 2011
Lowest daily mean	0.67	Sep 5	0.02	May 20	0.02	May 20, 2011
Annual seven-day minimum	0.68	Sep 5	0.04	May 19	0.04	May 19, 2011
Maximum peak flow			166	Mar 23	166	Mar 23, 2011
Maximum peak stage			6.12	Mar 23	6.12	Mar 23, 2011
Annual runoff (ac-ft)	1,550		6,100		2,810	
10 percent exceeds	4.7		16		4.4	
50 percent exceeds	0.97		1.1		0.81	
90 percent exceeds	0.71		0.34		0.60	



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WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--September 2008 to current year.
WATER TEMPERATURE: September 2008 to current year.

INSTRUMENTATION.--Water-quality monitor since Sept. 12, 2008.

REMARKS.--Water temperature records rated excellent except for Mar. 23 to July 7, which are rated good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum recorded, 19.7°C, Sept. 28, 2011; minimum recorded, 8.2°C, Feb. 18, 19, 2011.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum recorded, 19.7°C, Sept. 28; minimum recorded, 8.2°C, Feb. 18, 19.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		October			November			December			January	
1	18.2	17.1	17.8	17.0	15.6	16.1	12.6	11.4	11.9	11.7	10.8	11.4
2	18.0	16.8	17.3	17.1	15.7	16.2	12.8	11.6	12.5	11.6	10.2	11.3
3	17.9	17.1	17.5	17.2	15.8	16.3	13.3	12.6	12.9	11.4	10.5	11.1
4	17.7	17.1	17.4	17.3	15.9	16.4	13.3	12.6	12.9	11.0	10.2	10.5
5	18.3	16.5	17.2	16.9	16.1	16.4	13.5	11.9	12.9	10.8	9.6	10.1
6	18.1	16.8	17.3	16.8	15.8	16.3	12.7	12.0	12.5	10.5	9.3	9.8
7	18.1	16.6	17.2	16.3	14.8	15.5	13.0	12.1	12.5	10.4	9.4	10.0
8	18.2	16.3	17.1	15.8	14.7	15.2	13.7	12.4	12.9	10.9	10.2	10.6
9	18.4	16.4	17.2	15.8	14.6	15.0	13.3	12.7	12.9	10.7	9.8	10.4
10	18.9	16.9	17.6	15.8	14.9	15.3	13.8	12.9	13.3	10.3	9.4	9.8
11	19.1	17.0	17.8	15.5	14.5	14.8	14.1	13.3	13.6	10.5	9.9	10.1
12	19.1	16.9	17.7	15.5	14.1	14.7	13.8	13.4	13.5	11.2	10.2	10.6
13	18.8	17.0	17.5	15.5	14.3	14.8	13.7	13.2	13.4	11.8	10.4	11.2
14	18.9	17.0	17.8	16.1	14.6	15.3	13.5	12.7	13.3	11.8	11.1	11.4
15	18.6	17.1	17.7	16.3	15.1	15.5	13.0	12.1	12.6	11.5	10.5	11.0
16	18.0	16.7	17.3	15.9	14.8	15.2	12.4	11.8	12.0	11.5	10.5	11.0
17	17.3	16.9	17.1	15.6	14.3	14.8	12.3	10.9	11.8	11.8	10.9	11.1
18	18.1	16.9	17.1	14.9	14.0	14.5	13.4	12.0	12.6	11.6	10.5	10.9
19	18.2	16.6	17.1	14.8	11.7	14.6	13.0	12.1	12.4	11.8	10.8	11.0
20	17.8	16.7	17.0	13.0	11.1	12.6	12.6	12.5	12.5	11.5	10.2	10.7
21	17.6	17.0	17.2	12.3	10.1	12.0	12.5	12.2	12.3	11.5	10.1	10.6
22	17.5	16.8	17.1	13.5	11.7	12.8	12.5	12.2	12.3	11.7	10.3	10.8
23	17.4	16.6	17.1	13.6	11.4	12.3	12.3	11.7	11.9	11.3	10.3	10.8
24	18.2	16.7	17.2	12.4	10.6	11.6	11.7	11.3	11.5	10.6	9.1	10.0
25	17.1	16.2	16.6	12.4	11.4	11.8	11.5	11.0	11.3	11.4	9.9	10.5
26	16.9	15.7	16.1	12.6	11.4	12.1	11.6	11.0	11.2	11.6	10.2	10.7
27	16.6	15.2	15.9	12.6	10.7	11.8	11.7	11.6	11.6	11.5	10.2	10.6
28	16.9	15.5	16.1	12.4	11.0	11.6	11.6	11.2	11.5	11.4	10.2	11.0
29	17.0	16.2	16.5	12.4	11.6	11.8	11.5	11.3	11.5	11.9	11.0	11.4
30	16.7	15.6	16.3	12.5	11.3	11.9	11.4	10.7	11.2	11.7	10.6	11.2
31	16.9	15.8	16.1	---	---	---	11.3	10.2	10.9	11.4	10.1	10.6
Max	19.1	17.1	17.8	17.3	16.1	16.4	14.1	13.4	13.6	11.9	11.1	11.4
Min	16.6	15.2	15.9	12.3	10.1	11.6	11.3	10.2	10.9	10.3	9.1	9.8

11162753 San Mateo Creek below Lower Crystal Springs Reservoir, near San Mateo, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

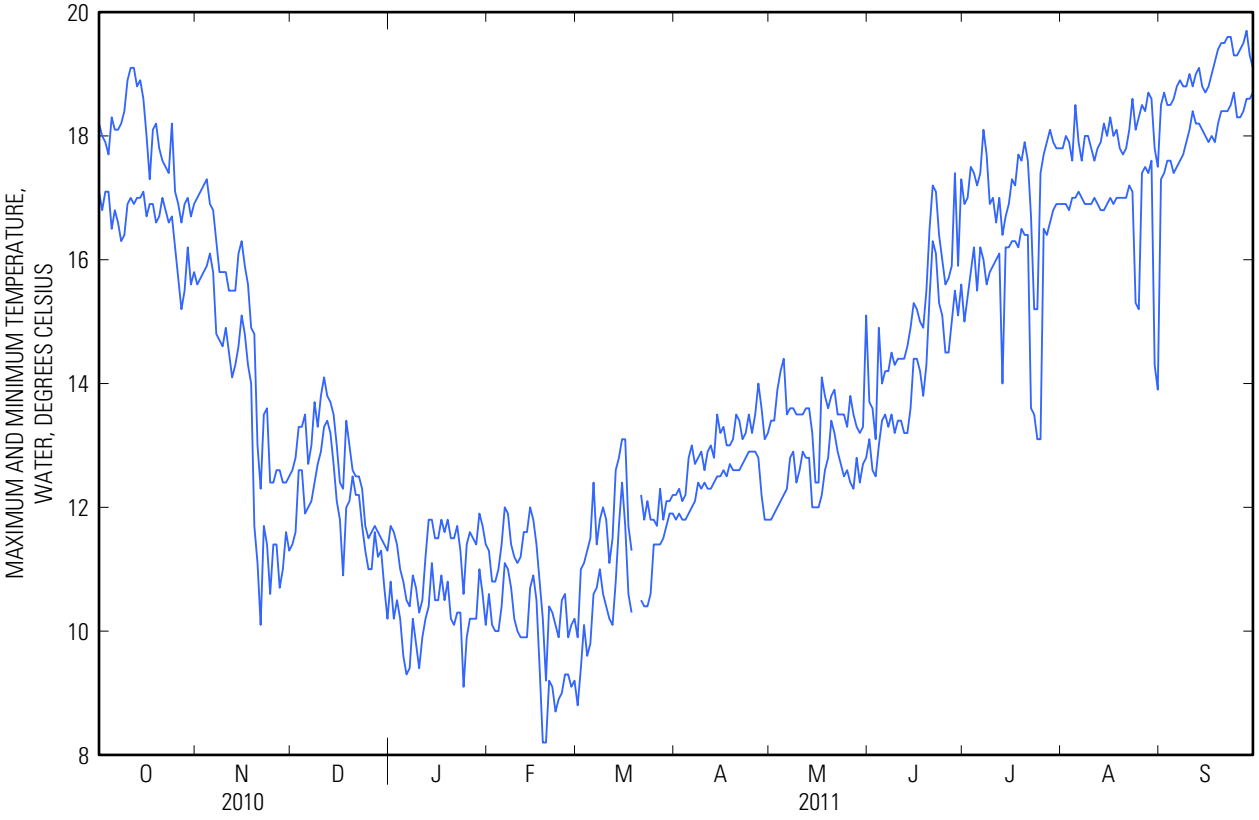
Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		February			March			April			May	
1	11.3	10.6	10.7	9.9	8.8	9.5	12.2	11.8	12.0	13.4	11.8	12.4
2	10.8	10.1	10.5	11.0	9.4	10.2	12.3	11.9	12.0	13.4	11.9	12.4
3	10.8	10.0	10.4	11.1	10.1	10.4	12.1	11.8	11.9	13.9	12.0	12.6
4	11.0	10.0	10.5	11.3	9.6	10.4	12.2	11.8	12.0	14.2	12.1	12.9
5	11.4	10.4	10.8	11.5	9.8	10.7	12.8	11.9	12.0	14.4	12.2	13.0
6	12.0	11.1	11.3	12.4	10.6	11.4	13.0	12.0	12.2	13.5	12.3	12.8
7	11.9	11.0	11.4	11.4	10.7	11.1	12.7	12.1	12.5	13.6	12.8	13.1
8	11.4	10.7	11.0	11.8	11.0	11.2	12.8	12.4	12.5	13.6	12.9	13.2
9	11.2	10.2	10.7	12.0	10.6	11.2	12.9	12.3	12.4	13.5	12.4	12.9
10	11.1	10.0	10.5	11.8	10.4	11.1	12.6	12.4	12.5	13.5	12.6	13.1
11	11.2	9.9	10.4	11.1	10.2	10.8	12.9	12.3	12.5	13.5	12.9	13.1
12	11.6	9.9	10.4	11.5	10.1	10.9	13.0	12.3	12.5	13.6	12.8	13.1
13	11.6	9.9	10.6	12.6	10.8	11.4	12.8	12.4	12.6	13.6	12.8	13.2
14	12.0	10.7	11.7	12.8	11.7	12.2	13.5	12.5	12.7	13.2	12.0	12.9
15	11.8	10.9	11.4	13.1	12.4	12.7	13.2	12.5	12.7	12.4	12.0	12.1
16	11.4	10.5	10.9	13.1	11.7	12.8	13.3	12.6	12.8	12.4	12.0	12.2
17	10.8	9.4	10.2	11.7	10.6	11.2	13.0	12.5	12.8	14.1	12.2	12.9
18	10.2	8.2	9.8	11.3	10.3	11.1	13.0	12.7	12.8	13.8	12.6	13.2
19	9.2	8.2	8.7	---	---	---	13.1	12.6	12.9	13.6	12.8	13.3
20	10.4	9.2	9.8	---	---	---	13.5	12.6	12.8	13.8	13.4	13.6
21	10.3	9.1	9.6	12.2	10.5	11.2	13.4	12.6	12.9	13.9	13.2	13.5
22	10.1	8.7	9.4	11.8	10.4	11.2	13.1	12.7	12.9	13.5	12.9	13.3
23	9.9	8.9	9.4	12.1	10.4	11.7	13.2	12.8	12.9	13.5	12.7	13.0
24	10.5	9.0	9.6	11.8	10.6	11.4	13.5	12.9	13.1	13.5	12.5	13.0
25	10.6	9.3	9.9	11.8	11.4	11.6	13.2	12.9	13.1	13.3	12.6	13.0
26	9.9	9.3	9.6	11.7	11.4	11.6	13.5	12.9	13.2	13.8	12.4	12.7
27	10.1	9.1	9.4	12.3	11.4	11.7	14.0	12.8	13.2	13.5	12.3	12.8
28	10.2	9.2	9.6	11.8	11.5	11.7	13.6	12.2	13.1	13.3	12.8	13.0
29	---	---	---	12.1	11.7	11.8	13.1	11.8	12.2	13.2	12.4	12.8
30	---	---	---	12.1	11.9	12.0	13.2	11.8	12.3	13.3	12.7	12.9
31	---	---	---	12.2	11.9	12.0	---	---	---	15.1	12.8	13.0
Max	12.0	11.1	11.7	---	---	---	14.0	12.9	13.2	15.1	13.4	13.6
Min	9.2	8.2	8.7	---	---	---	12.1	11.8	11.9	12.4	11.8	12.1

11162753 San Mateo Creek below Lower Crystal Springs Reservoir, near San Mateo, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
		June			July			August			September	
1	13.7	13.1	13.4	16.9	15.0	16.1	17.8	16.9	17.2	18.5	17.3	17.7
2	13.6	12.6	13.1	17.0	15.4	16.5	18.0	16.9	17.1	18.7	17.4	17.8
3	13.1	12.5	12.9	17.5	15.8	16.6	17.9	16.8	17.2	18.5	17.6	17.9
4	14.9	13.0	13.9	17.4	16.2	16.8	17.6	17.0	17.3	18.5	17.6	17.9
5	14.0	13.4	13.8	17.2	15.5	16.3	18.5	17.0	17.5	18.6	17.4	17.8
6	14.2	13.5	13.7	17.4	16.2	16.8	17.9	17.1	17.3	18.8	17.5	18.0
7	14.2	13.3	13.7	18.1	16.0	17.0	17.6	17.0	17.2	18.9	17.6	18.2
8	14.5	13.5	13.9	17.7	15.6	16.4	18.0	16.9	17.1	18.8	17.7	18.0
9	14.3	13.2	13.8	16.9	15.8	16.1	18.0	16.9	17.2	18.8	17.9	18.3
10	14.4	13.4	14.0	17.0	15.9	16.2	17.8	16.9	17.2	19.0	18.1	18.4
11	14.4	13.4	14.0	16.6	16.0	16.2	17.6	17.0	17.1	18.8	18.4	18.4
12	14.4	13.2	13.9	17.0	16.1	16.3	17.8	16.9	17.1	19.0	18.2	18.4
13	14.6	13.2	14.1	16.4	14.0	16.3	17.9	16.8	17.1	19.1	18.2	18.5
14	14.9	13.6	14.2	16.7	16.2	16.4	18.2	16.8	17.2	18.8	18.1	18.4
15	15.3	14.4	14.8	16.9	16.2	16.4	18.0	16.9	17.2	18.7	18.0	18.3
16	15.2	14.4	14.8	17.3	16.3	16.6	18.3	17.0	17.2	18.8	17.9	18.4
17	15.0	14.2	14.4	17.2	16.3	16.6	18.0	16.9	17.3	19.0	18.0	18.3
18	14.9	13.8	14.3	17.7	16.2	16.8	18.1	17.0	17.3	19.2	17.9	18.6
19	15.5	14.3	14.7	17.6	16.5	16.8	17.8	17.0	17.3	19.4	18.2	18.7
20	16.5	15.4	15.7	17.9	16.4	17.0	17.7	17.0	17.4	19.5	18.4	18.8
21	17.2	16.3	16.5	17.6	16.4	16.7	17.8	17.0	17.4	19.5	18.4	18.7
22	17.1	16.1	16.6	16.7	13.6	15.9	18.1	17.2	17.4	19.6	18.4	18.8
23	16.4	15.3	15.8	15.2	13.5	13.9	18.6	17.1	17.7	19.6	18.5	19.0
24	16.0	15.1	15.5	15.2	13.1	13.8	18.1	15.3	16.8	19.3	18.7	18.9
25	15.6	14.5	15.0	17.4	13.1	14.5	18.3	15.2	17.5	19.3	18.3	19.0
26	15.7	14.5	15.0	17.7	16.5	16.9	18.5	17.4	17.6	19.4	18.3	18.6
27	15.9	15.0	15.4	17.9	16.4	17.1	18.4	17.5	17.7	19.5	18.4	18.8
28	17.4	15.5	16.0	18.1	16.6	17.1	18.7	17.4	17.8	19.7	18.6	19.0
29	15.9	15.1	15.6	17.9	16.8	17.0	18.6	17.6	17.8	19.3	18.6	19.0
30	17.3	15.6	16.7	17.8	16.9	17.1	17.8	14.3	16.2	19.1	18.7	18.9
31	---	---	---	17.8	16.9	17.1	17.5	13.9	14.5	---	---	---
Max	17.4	16.3	16.7	18.1	16.9	17.1	18.7	17.6	17.8	19.7	18.7	19.0
Min	13.1	12.5	12.9	15.2	13.1	13.8	17.5	13.9	14.5	18.5	17.3	17.7

11162753 San Mateo Creek below Lower Crystal Springs Reservoir, near San Mateo, CA—Continued



11162753 San Mateo Creek below Lower Crystal Springs Reservoir, near San Mateo, CA—Continued

CROSS SECTION ANALYSES
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 1 of 2
[ft, feet; °C, degrees Celsius]

Sample date-time	Temperature, water, °C (00010)	Depth to bottom at sample location, ft (81903)	Sampling depth, ft (00003)	Stream width, ft (00004)	Location in cross section, distance from left bank looking downstream, ft (00009)
10-05-2010 1717	18.3	.40	.20	14.0	13.5
10-05-2010 1718	18.3	.40	.20	14.0	12.5
10-05-2010 1719	18.3	.50	.25	14.0	11.5
10-05-2010 1720	18.3	.58	.29	14.0	10.5
10-05-2010 1721	18.3	.81	.40	14.0	9.50
10-05-2010 1722	18.3	.98	.49	14.0	8.50
10-05-2010 1723	18.3	1.25	.62	14.0	7.50
10-05-2010 1724	18.3	1.45	.72	14.0	6.50
10-05-2010 1725	18.3	1.56	.78	14.0	5.50
10-05-2010 1726	18.3	1.58	.79	14.0	4.50
10-05-2010 1727	18.3	1.52	.76	14.0	3.50
10-05-2010 1728	18.3	1.42	.71	14.0	2.50
10-05-2010 1729	18.3	1.18	.59	14.0	1.50
10-05-2010 1730	18.3	.92	.46	14.0	.50
03-23-2011 1635	12.0	.39	.31	36.0	34.5
03-23-2011 1636	12.0	.39	.20	36.0	34.5
03-23-2011 1637	12.0	.39	.08	36.0	34.5
03-23-2011 1638	12.0	.71	.67	36.0	31.5
03-23-2011 1639	12.0	.71	.36	36.0	31.5
03-23-2011 1640	12.0	.71	.14	36.0	31.5
03-23-2011 1641	12.0	.58	.46	36.0	28.5
03-23-2011 1642	12.0	.58	.29	36.0	28.5
03-23-2011 1643	12.0	.58	.12	36.0	28.5
03-23-2011 1644	12.0	1.56	1.25	36.0	25.5
03-23-2011 1645	12.0	1.56	.78	36.0	25.5
03-23-2011 1646	12.0	1.56	.31	36.0	25.5
03-23-2011 1647	12.0	2.72	2.18	36.0	22.5
03-23-2011 1648	12.0	2.72	1.36	36.0	22.5
03-23-2011 1649	12.0	2.72	.54	36.0	22.5
03-23-2011 1650	12.0	3.77	3.02	36.0	19.5
03-23-2011 1651	12.0	3.77	1.88	36.0	19.5
03-23-2011 1652	12.0	3.77	.75	36.0	19.5
03-23-2011 1653	12.0	2.91	2.33	36.0	16.5
03-23-2011 1654	12.0	2.91	1.46	36.0	16.5
03-23-2011 1655	12.0	2.91	.58	36.0	16.5
03-23-2011 1656	12.0	2.71	2.17	36.0	13.5
03-23-2011 1657	12.0	2.71	1.36	36.0	13.5
03-23-2011 1658	12.0	2.71	.54	36.0	13.5
03-23-2011 1659	12.0	2.56	2.05	36.0	10.5
03-23-2011 1700	12.0	2.56	1.28	36.0	10.5

Note: Instantaneous discharge at mean time of cross-sectional measurements: Oct. 5, 0.75 ft^3/s; Mar. 23, 65 ft^3/s.

CROSS SECTION ANALYSES
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
Part 2 of 2
[ft, feet; °C, degrees Celsius]

Sample date-time	Temperature, water, °C (00010)	Depth to bottom at sample location, ft (81903)	Sampling depth, ft (00003)	Stream width, ft (00004)	Location in cross section, distance from left bank looking downstream, ft (00009)
03-23-2011 1701	12.0	2.56	.51	36.0	10.5
03-23-2011 1702	12.0	1.21	.97	36.0	7.50
03-23-2011 1703	12.0	1.21	.60	36.0	7.50
03-23-2011 1704	12.0	1.21	.24	36.0	7.50
03-23-2011 1705	12.0	1.03	.82	36.0	4.50
03-23-2011 1706	12.0	1.03	.52	36.0	4.50
03-23-2011 1707	12.0	1.03	.21	36.0	4.50
03-23-2011 1708	12.0	.31	.25	36.0	1.50
03-23-2011 1709	12.0	.31	.16	36.0	1.50
03-23-2011 1710	12.0	.31	.06	36.0	1.50
07-07-2011 1308	17.9	.40	.20	12.0	11.6
07-07-2011 1309	17.8	.50	.25	12.0	10.8
07-07-2011 1310	17.8	.65	.33	12.0	10.0
07-07-2011 1311	17.8	.74	.37	12.0	9.20
07-07-2011 1312	17.7	1.08	.54	12.0	8.40
07-07-2011 1313	17.7	1.08	.54	12.0	7.60
07-07-2011 1314	17.7	1.03	.52	12.0	6.80
07-07-2011 1315	17.7	.89	.44	12.0	6.00
07-07-2011 1316	17.8	.74	.37	12.0	5.20
07-07-2011 1317	17.8	.64	.32	12.0	4.40
07-07-2011 1318	17.7	.52	.26	12.0	3.60
07-07-2011 1319	17.8	.41	.20	12.0	2.80
07-07-2011 1320	17.8	.30	.15	12.0	2.00
07-07-2011 1321	17.8	.26	.13	12.0	1.20
07-07-2011 1322	17.8	.24	.12	12.0	.40

Note: Instantaneous discharge at mean time of cross-sectional measurements: Mar. 23, 65 ft^3/s; July 7, 0.26 ft^3/s.