

Water-Data Report 2013

10260500 Deep Creek near Hesperia, CA

Mojave River Basin

LOCATION.--Lat 34°20'35", long 117°13'32" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.18, T.3 N., R.3 W., San Bernardino County, CA, Hydrologic Unit 18090208, on right bank, 0.5 mi upstream from confluence with West Fork Mojave River at Mojave River Forks Dam, 7 mi southeast of Hesperia, and 11 mi downstream from Lake Arrowhead.

DRAINAGE AREA.--134 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1904 to September 1922, October 1929 to current year. Prior to January 1930, monthly discharges only, published in WSP 1314.

REVISED RECORDS.--WSP 1314: 1931 (instantaneous maximum discharge). WSP 1927: Drainage area.

GAGE.--Water-stage recorder. Broad-crested weir since December 1938. Elevation of gage is 3,030 ft above NGVD of 1929, from topographic map. See WSP 1314 for history of changes prior to Dec. 10, 1938.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Slight regulation by Lake Arrowhead, capacity, 48,000 acre-ft, principally used for recreation. Sewage effluent from Lake Arrowhead area is released above gage at times. See schematic diagram of Mojave River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 46,600 ft³/s, Mar. 2, 1938, gage height unknown, on basis of slope-area measurement of peak flow; maximum gage height, 33.30 ft, Jan. 11, 2005 (backwater from Mojave River Forks Reservoir); no flow July 17, 18, 1961.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 400 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 25	0200	*105	*2.19

Water-Data Report 2013

10260500 Deep Creek near Hesperia, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e2.7	e6.1	8.3	12	24	20	17	10	e4.0	e1.4	e0.86	e0.81
2	e3.0	e6.0	8.9	11	23	20	16	10	e3.8	e1.3	e0.86	e0.86
3	e3.0	e6.0	8.7	11	23	21	16	10	e3.7	e1.3	e0.86	e0.96
4	e3.2	e6.4	8.8	11	26	22	15	10	e3.4	e1.3	e0.90	e0.99
5	e3.3	6.1	8.9	10	26	22	15	10	e3.2	e1.2	e0.89	e0.91
6	e3.3	6.3	8.9	11	24	23	14	11	e3.0	e1.0	e0.87	e0.96
7	e3.1	6.9	8.8	12	22	24	14	12	e2.6	e1.0	e0.75	e0.96
8	e3.1	7.6	8.7	12	21	29	14	14	e2.5	e1.1	e0.80	e0.89
9	e3.1	7.9	8.7	12	22	28	14	11	e2.3	e0.92	e0.96	e0.86
10	e3.6	8.4	8.7	12	21	26	14	11	e2.1	e0.85	e0.91	e0.91
11	3.4	8.3	8.7	13	20	26	13	9.2	e1.9	e0.87	e0.95	e0.78
12	3.5	7.9	8.7	12	18	29	13	8.5	e1.8	e0.87	e0.90	e0.81
13	4.1	7.7	19	10	18	30	13	7.8	e1.7	e0.97	e0.71	e0.83
14	4.3	7.6	34	10	19	30	13	7.2	e1.7	e0.92	e0.79	e0.76
15	4.4	7.6	19	10	19	30	13	6.5	e1.8	e0.86	e0.82	e0.60
16	4.2	7.6	14	11	20	31	13	6.4	e1.9	e0.83	e0.82	e0.60
17	4.0	7.7	13	11	20	31	14	6.5	e1.7	e1.8	e0.89	e0.73
18	3.9	8.1	14	11	20	29	14	e6.4	e1.5	e3.6	e0.86	e0.63
19	3.9	8.2	36	11	19	27	14	e5.9	e1.5	e1.0	e0.82	1.0
20	4.0	8.0	22	11	22	25	14	e5.8	e1.6	e0.95	e0.79	0.95
21	4.1	7.7	17	11	22	24	14	e5.7	e1.6	e0.90	e0.79	0.73
22	4.3	7.5	14	11	e21	23	13	5.4	e1.8	e0.87	e0.61	0.80
23	4.6	7.5	13	11	e20	22	12	5.3	e1.4	e0.86	e0.55	0.90
24	4.9	7.6	13	13	e19	21	12	5.2	e1.5	e0.82	e0.59	1.1
25	5.0	7.7	13	73	e19	20	13	5.1	e1.5	e0.96	e0.66	1.2
26	5.2	7.6	14	87	e20	19	12	4.8	e1.4	e0.86	e0.77	0.99
27	5.2	7.6	17	67	20	18	12	4.7	e1.4	e0.89	e0.95	1.1
28	e5.5	8.1	14	52	20	18	11	4.6	e1.5	e0.86	e0.85	1.1
29	e5.6	8.4	13	34	---	18	11	4.6	e1.3	e0.82	e0.78	1.2
30	e5.6	8.3	14	29	---	17	11	e4.5	e1.3	e0.82	e0.76	1.3
31	e5.7	---	13	26	---	16	---	e4.3	---	e0.89	e0.78	---
Total	126.8	224.4	430.8	638	588	739	404	233.4	62.4	33.59	25.10	27.22
Mean	4.09	7.48	13.9	20.6	21.0	23.8	13.5	7.53	2.08	1.08	0.81	0.91
Max	5.7	8.4	36	87	26	31	17	14	4.0	3.6	0.96	1.3
Min	2.7	6.0	8.3	10	18	16	11	4.3	1.3	0.82	0.55	0.60
Ac-ft	252	445	854	1,270	1,170	1,470	801	463	124	67	50	54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1905 - 2013, BY WATER YEAR (WY)

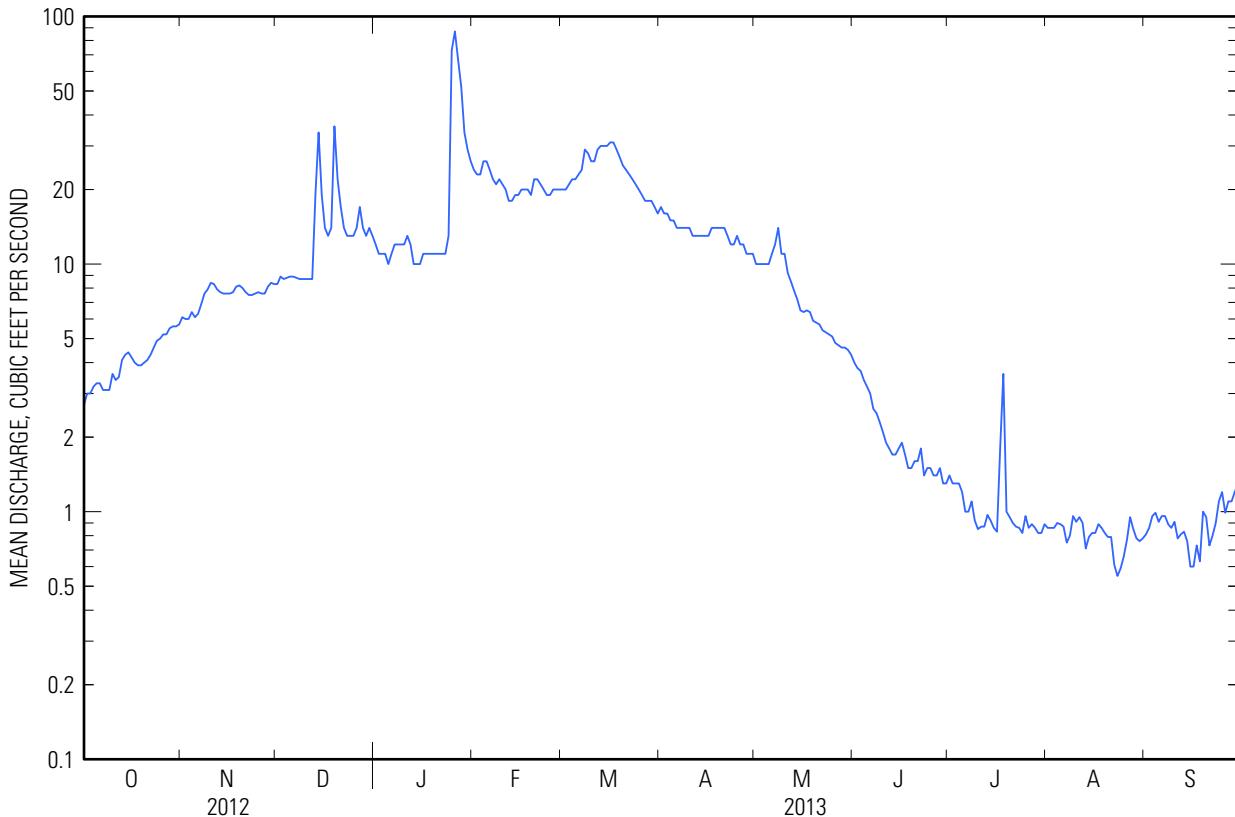
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	8.35	18.3	66.2	137	210	206	141	61.6	17.2	5.72	3.31	3.53
Max	324	606	1,198	2,062	2,028	1,539	747	456	80.4	25.9	29.2	54.3
(WY)	(2005)	(1966)	(2011)	(1993)	(1993)	(1978)	(1958)	(1998)	(1998)	(1969)	(1983)	(1976)
Min	0.23	1.14	2.53	4.56	6.07	4.87	3.20	2.37	0.83	0.14	0.13	0.10
(WY)	(1934)	(1957)	(1905)	(1951)	(1951)	(1956)	(1951)	(1934)	(2002)	(1961)	(1933)	(1933)

10260500 Deep Creek near Hesperia, CA—Continued

SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1905 - 2013	
Annual total	6,790.6		3,532.71			
Annual mean	18.6		9.68		72.5	
Highest annual mean					411	1993
Lowest annual mean					3.06	1951
Highest daily mean	195	Mar 26	87	Jan 26	14,700	Jan 25, 1969
Lowest daily mean	1.0	Jul 28	0.55	Aug 23	0.00	Jul 17, 1961
Annual seven-day minimum	1.1	Jul 26	0.68	Aug 20	0.07	Jul 12, 1961
Maximum peak flow			105	Jan 25	46,600	Mar 2, 1938
Maximum peak stage			2.19	Jan 25	a33.30	Jan 11, 2005
Annual runoff (ac-ft)	13,470		7,010		52,550	
10 percent exceeds	52		22		137	
50 percent exceeds	8.9		7.6		9.9	
90 percent exceeds	2.1		0.86		0.95	

^a Backwater from Mojave River Forks Reservoir.



10260500 Deep Creek near Hesperia, CA—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water year 2007 to current year.

CHEMICAL DATA: Water year 2007 to current year.

PERIOD OF DAILY RECORD.--

pH: December 2006 to current year.

SPECIFIC CONDUCTANCE: December 2006 to current year.

WATER TEMPERATURE: December 2006 to current year.

INSTRUMENTATION.--Water-quality monitor recording pH, specific conductance, and water temperature since November 2006. Upgraded to real-time data collection, February 2013.

REMARKS.--Interruptions in the record due to equipment upgrade in February and swimmer's dams during the summer months.

pH records rated excellent except for Feb. 21, 26-27, May 26 to June 10, June 17 to July 15, and July 21-29, which are poor.

Specific Conductance records rated excellent except for Feb. 21, 26-27, May 26 to June 10, July 6-15, and July 21 to Aug. 21, which are poor.

Water temperature records rated excellent except for Aug. 15 to 21, which are good; and Feb. 21, 26-27, which are poor.

EXTREMES FOR PERIOD OF DAILY RECORD.--

pH: Maximum recorded, 9.4 standard units, Aug. 8, 2013; minimum recorded, 6.9 standard units, Jan. 27, 2008.

SPECIFIC CONDUCTANCE: Maximum recorded, 1,340 microsiemens per centimeter, Dec. 14, 2009; minimum recorded, 41 microsiemens per centimeter, Jan. 27, 2008, Feb. 6, 2010.

WATER TEMPERATURE: Maximum recorded, 31.5°C, July 6, 2007; minimum recorded, 0.1°C, Jan. 14, 2007.

EXTREMES FOR CURRENT YEAR.--

pH: Maximum recorded, 9.4 standard units, Aug. 8; minimum recorded, 7.6 standard units, Aug. 21.

SPECIFIC CONDUCTANCE: Maximum recorded, 629 microsiemens per centimeter, Aug. 13; minimum recorded, 153 microsiemens per centimeter, Jan. 27.

WATER TEMPERATURE: Maximum recorded, 31.3°C, Aug. 18; minimum recorded, 0.6°C, Jan. 14.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Part 1 of 5

[%; percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Sample date-time	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Discharge, instantaneous, ft ³ /s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Dissolved solids dried at 180°C, water, filtered, mg/L (70300)
10-10-2012 1330	684	23.3	3.3	10.4	128	8.6	389	20.2	243
12-05-2012 1345	687	21.1	8.9	10.8	109	8.2	301	11.5	241
02-21-2013 1345	684	10.5	22	11.4	105	8.2	238	6.9	132
04-10-2013 1315	687	28.4	14	11.2	126	8.4	251	16.0	174
06-10-2013 1330	685	31.0	2.0	8.4	114	8.7	336	25.3	220
08-21-2013 1300	686	36.0	.74	9.3	132	8.7	545	27.9	352

10260500 Deep Creek near Hesperia, CA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 2 of 5

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Sample date-time	Dissolved solids, water, filtered, sum of constituents, tons per acre-foot (70301)		Dissolved solids, water, filtered, sum of constituents, tons per acre-foot (70303)	Hardness, water, mg/L as CaCO ₃ (00900)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium adsorption ratio, water, number (00931)	Sodium fraction of cations, water, percent in equivalents of major cations (00932)	Sodium, water, filtered, mg/L (00930)
10-10-2012 1330	244	0.33	73.5	21.9	4.57	2.29	2.85	62	56.1	
12-05-2012 1345	189	.33	87.0	26.1	5.30	1.67	1.45	43	31.1	
02-21-2013 1345	150	.18	73.1	21.7	4.56	1.27	1.12	39	21.9	
04-10-2013 1315	159	.24	74.8	22.9	4.29	1.38	1.21	41	24.0	
06-10-2013 1330	210	.30	67.1	19.6	4.42	1.84	2.39	58	44.9	
08-21-2013 1300	337	.48	82.9	24.9	5.06	3.03	3.76	66	78.6	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 3 of 5

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Sample date-time	Alkalinity, water, filtered, Bicarbonate, water, inflection-point, filtered, incremental titration point, incremental titration method, field, mg/L as CaCO ₃ (39086)		Carbonate, water, filtered, Bicarbonate, water, inflection-point, filtered, incremental titration point, incremental titration method, field, mg/L as CaCO ₃ (00453)		Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as NH ₄ (71846)	Ammonia, water, filtered, mg/L as N (00608)
10-10-2012 1330	91.8	107	2.4	10.2	3.71	17.9	72.0	<.013	<.010	
12-05-2012 1345	107	128	1.4	7.11	1.89	22.0	29.3	<.013	<.010	
02-21-2013 1345	81.5	98.0	.6	11.4	1.05	21.0	17.6	<.013	<.010	
04-10-2013 1315	94.0	111	1.8	8.67	1.20	21.2	19.0	<.013	<.010	
06-10-2013 1330	92.4	105	3.7	10.1	2.77	19.0	51.5	<.013	<.010	
08-21-2013 1300	98.7	112	3.6	14.6	5.35	21.3	125	<.013	<.010	

10260500 Deep Creek near Hesperia, CA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 4 of 5

[%, percent; CaCO₃, calcium carbonate; N, nitrogen; P, phosphorus; SiO₂, silicon dioxide; ft³/s, cubic feet per second; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Sample date-time	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrate, water, filtered, mg/L (71851)	Nitrate, water, filtered, mg/L as N (00618)	Nitrite, water, filtered, mg/L (71856)	Nitrite, water, filtered, mg/L as N (00613)	Orthophosphate, water, filtered, mg/L (00660)	Orthophosphate, water, filtered, mg/L as P (00671)	Iron, water, filtered, µg/L (01046)	Manganese, water, filtered, µg/L (01056)
10-10-2012 1330	< .040	< .177	< .040	< .003	< .001	0.050	0.016	62.5	10.4
12-05-2012 1345	< .040	< .177	< .040	< .003	< .001	.032	.011	38.0	7.18
02-21-2013 1345	< .040	< .177	< .040	< .003	< .001	.025	.008	38.2	8.12
04-10-2013 1315	< .040	< .177	< .040	< .003	< .001	.022	.007	50.4	6.63
06-10-2013 1330	< .040	< .177	< .040	< .003	< .001	.049	.016	68.8	15.5
08-21-2013 1300	< .040	< .177	< .040	< .003	< .001	.031	.010	40.2	6.89

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO
SEPTEMBER 2013

Part 5 of 5

[%, percent; CaCO₃, calcium carbonate;
N, nitrogen; P, phosphorus; SiO₂, silicon
dioxide; ft³/s, cubic feet per second;
mg/L, milligrams per liter; mm Hg, millimeters
of mercury; °C, degrees Celsius;
µS/cm, microsiemens per centimeter;
µg/L, micrograms per liter; <, less than]

Sample date-time	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)
10-10-2012 1330	6.4	177
12-05-2012 1345	3.7	72
02-21-2013 1345	2.0	36
04-10-2013 1315	2.7	44
06-10-2013 1330	5.1	121
08-21-2013 1300	5.9	296

10260500 Deep Creek near Hesperia, CA—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
October				November				December				January
1	8.8	7.9	8.4	8.6	8.0	8.3	8.6	8.0	8.3	8.4	8.1	8.2
2	8.8	7.9	8.4	8.5	8.0	8.3	8.5	8.1	8.2	8.3	8.1	8.1
3	8.9	7.9	8.5	8.5	8.0	8.2	8.5	8.0	8.2	8.3	8.0	8.1
4	8.9	7.9	8.4	8.5	8.0	8.2	8.5	8.0	8.2	8.2	8.0	8.1
5	8.9	7.9	8.4	8.5	8.0	8.2	8.4	8.1	8.2	8.3	8.0	8.1
6	8.9	8.0	8.6	8.5	8.0	8.2	8.5	8.0	8.2	8.4	8.1	8.2
7	8.8	8.0	8.4	8.5	8.0	8.2	8.4	8.0	8.2	8.3	8.1	8.2
8	8.8	7.9	8.4	8.6	8.0	8.3	8.4	8.1	8.2	8.4	8.1	8.2
9	8.7	7.9	8.4	8.5	8.0	8.1	8.5	8.1	8.2	8.4	8.1	8.2
10	8.8	8.0	8.5	8.4	8.0	8.1	8.5	8.1	8.2	8.3	8.0	8.1
11	8.8	7.9	8.4	8.4	8.0	8.2	8.5	8.1	8.2	8.4	8.1	8.2
12	8.8	8.0	8.4	8.4	8.0	8.2	8.5	8.1	8.2	8.3	8.1	8.2
13	8.6	8.0	8.3	8.4	8.0	8.2	8.4	8.0	8.1	8.3	8.1	8.2
14	8.6	8.0	8.3	8.5	8.0	8.2	8.3	8.0	8.1	8.2	7.9	8.1
15	8.6	8.0	8.3	8.6	8.0	8.2	8.2	8.0	8.0	8.3	8.0	8.2
16	8.6	8.0	8.3	8.5	8.0	8.2	8.3	8.0	8.1	8.3	8.1	8.2
17	8.6	8.0	8.3	8.5	8.0	8.2	8.3	8.0	8.1	8.4	8.1	8.2
18	8.6	7.9	8.3	8.5	8.0	8.2	8.4	8.0	8.1	8.3	8.1	8.2
19	8.6	7.9	8.3	8.5	8.0	8.2	8.3	8.1	8.1	8.3	8.0	8.1
20	8.6	7.9	8.3	8.5	8.0	8.2	8.2	8.0	8.1	8.3	8.0	8.1
21	8.6	7.9	8.2	8.5	8.1	8.2	8.2	8.0	8.0	8.3	8.0	8.1
22	8.6	8.0	8.2	8.5	8.1	8.2	8.2	8.0	8.0	8.3	8.0	8.1
23	8.6	8.0	8.2	8.5	8.1	8.2	8.3	8.0	8.1	8.4	8.0	8.2
24	8.6	8.0	8.3	8.5	8.1	8.2	8.3	8.0	8.1	8.4	8.0	8.1
25	8.6	8.0	8.2	8.5	8.1	8.2	8.4	8.0	8.1	8.1	7.8	8.0
26	8.6	8.0	8.2	8.5	8.1	8.2	8.4	8.1	8.2	7.9	7.8	7.8
27	8.6	8.0	8.2	8.6	8.1	8.3	8.3	8.0	8.1	7.9	7.8	7.8
28	8.6	8.0	8.3	8.5	8.1	8.2	8.3	8.0	8.1	8.0	7.8	7.8
29	8.5	8.0	8.2	8.6	8.1	8.2	8.3	8.0	8.1	8.0	7.8	7.9
30	8.6	8.0	8.2	8.5	8.0	8.2	8.3	8.0	8.1	8.1	7.8	7.9
31	8.6	8.0	8.3	---	---	---	8.3	8.0	8.1	8.2	7.9	8.0
Max	8.9	8.0	8.6	8.6	8.1	8.3	8.6	8.1	8.3	8.4	8.1	8.2
Min	8.5	7.9	8.2	8.4	8.0	8.1	8.2	8.0	8.0	7.9	7.8	7.8

10260500 Deep Creek near Hesperia, CA—Continued

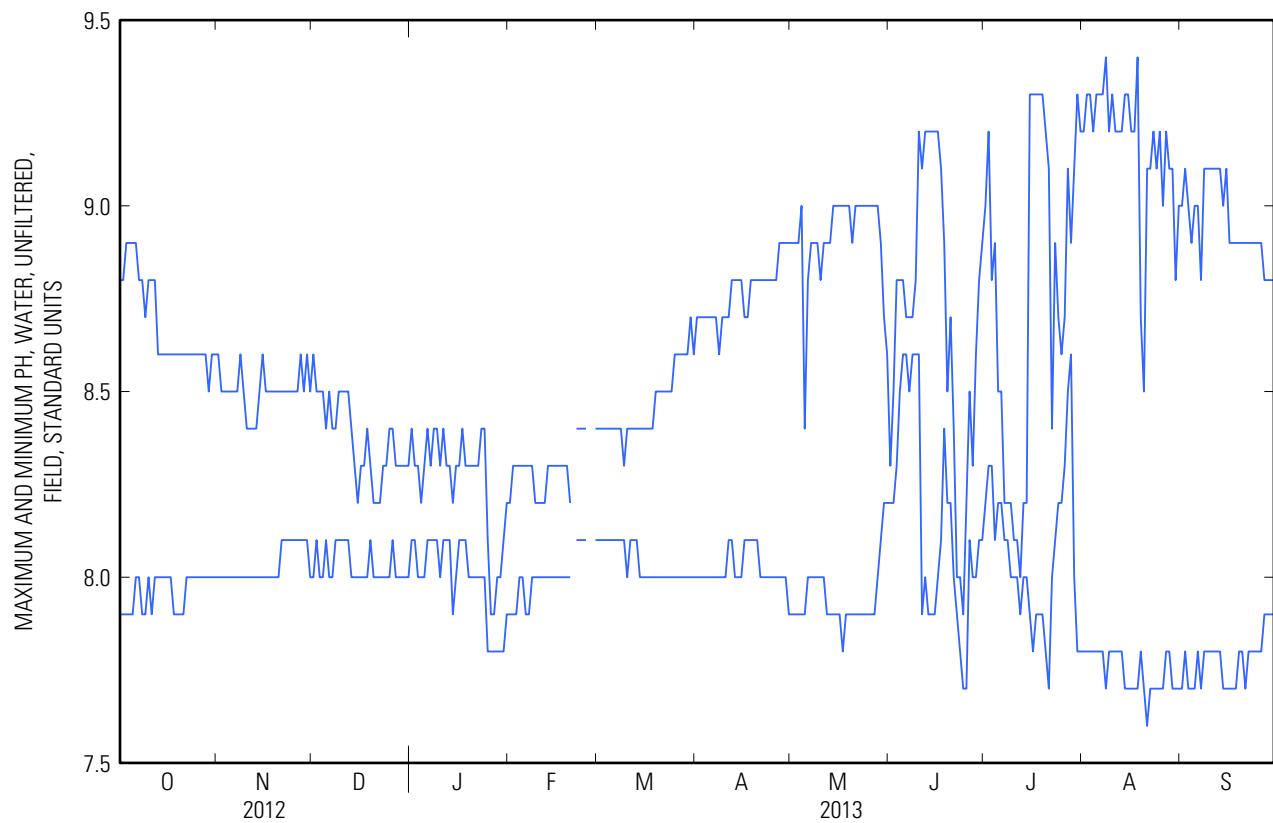
pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
February				March				April				May
1	8.2	7.9	8.0	8.4	8.1	8.1	8.7	8.0	8.2	8.9	7.9	8.4
2	8.3	7.9	8.0	8.4	8.1	8.2	8.7	8.0	8.2	8.9	7.9	8.4
3	8.3	7.9	8.0	8.4	8.1	8.2	8.7	8.0	8.2	8.9	7.9	8.4
4	8.3	8.0	8.0	8.4	8.1	8.2	8.7	8.0	8.2	9.0	7.9	8.5
5	8.3	8.0	8.0	8.4	8.1	8.2	8.7	8.0	8.2	8.4	7.9	8.3
6	8.3	7.9	8.0	8.4	8.1	8.1	8.7	8.0	8.2	8.8	8.0	8.4
7	8.3	7.9	8.0	8.4	8.1	8.1	8.7	8.0	8.3	8.9	8.0	8.4
8	8.3	8.0	8.0	8.4	8.1	8.1	8.6	8.0	8.2	8.9	8.0	8.3
9	8.2	8.0	8.0	8.3	8.1	8.1	8.7	8.0	8.2	8.9	8.0	8.3
10	8.2	8.0	8.0	8.4	8.0	8.1	8.7	8.0	8.2	8.8	8.0	8.3
11	8.2	8.0	8.0	8.4	8.1	8.1	8.7	8.1	8.3	8.9	8.0	8.3
12	8.2	8.0	8.0	8.4	8.1	8.1	8.8	8.1	8.3	8.9	7.9	8.3
13	8.3	8.0	8.0	8.4	8.1	8.1	8.8	8.0	8.3	8.9	7.9	8.3
14	8.3	8.0	8.1	8.4	8.0	8.1	8.8	8.0	8.3	9.0	7.9	8.3
15	8.3	8.0	8.0	8.4	8.0	8.1	8.8	8.0	8.3	9.0	7.9	8.3
16	8.3	8.0	8.0	8.4	8.0	8.1	8.7	8.1	8.3	9.0	7.9	8.3
17	8.3	8.0	8.0	8.4	8.0	8.1	8.7	8.1	8.3	9.0	7.8	8.4
18	8.3	8.0	8.0	8.4	8.0	8.1	8.8	8.1	8.3	9.0	7.9	8.3
19	8.3	8.0	8.0	8.5	8.0	8.1	8.8	8.1	8.3	9.0	7.9	8.3
20	8.2	8.0	8.0	8.5	8.0	8.1	8.8	8.1	8.3	8.9	7.9	8.4
21	---	---	---	8.5	8.0	8.1	8.8	8.0	8.3	9.0	7.9	8.4
22	8.4	8.1	8.1	8.5	8.0	8.1	8.8	8.0	8.3	9.0	7.9	8.4
23	8.4	8.1	8.2	8.5	8.0	8.1	8.8	8.0	8.3	9.0	7.9	8.4
24	8.4	8.1	8.2	8.5	8.0	8.1	8.8	8.0	8.4	9.0	7.9	8.4
25	8.4	8.1	8.2	8.6	8.0	8.1	8.8	8.0	8.3	9.0	7.9	8.4
26	---	---	---	8.6	8.0	8.1	8.8	8.0	8.3	9.0	7.9	8.4
27	---	---	---	8.6	8.0	8.2	8.9	8.0	8.3	9.0	7.9	8.5
28	8.4	8.1	8.2	8.6	8.0	8.1	8.9	8.0	8.4	9.0	8.0	8.5
29	---	---	---	8.6	8.0	8.1	8.9	8.0	8.4	8.9	8.1	8.5
30	---	---	---	8.7	8.0	8.2	8.9	7.9	8.4	8.7	8.2	8.5
31	---	---	---	8.6	8.0	8.2	---	---	---	8.6	8.2	8.3
Max	---	---	---	8.7	8.1	8.2	8.9	8.1	8.4	9.0	8.2	8.5
Min	---	---	---	8.3	8.0	8.1	8.6	7.9	8.2	8.4	7.8	8.3

10260500 Deep Creek near Hesperia, CA—Continued

pH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June				July				August			
1	8.3	8.2	8.2	9.0	8.2	8.4	9.2	7.8	8.2	9.0	7.7	8.1
2	8.5	8.2	8.2	9.2	8.3	8.6	9.3	7.8	8.3	9.1	7.8	8.1
3	8.8	8.3	8.4	8.8	8.3	8.5	9.3	7.8	8.2	9.0	7.7	8.0
4	8.8	8.5	8.6	8.9	8.1	8.3	9.2	7.8	8.1	8.9	7.7	7.9
5	8.8	8.6	8.7	8.5	8.2	8.3	9.3	7.8	8.1	9.0	7.7	8.0
6	8.7	8.6	8.6	8.5	8.2	8.3	9.3	7.8	8.2	9.0	7.8	8.0
7	8.7	8.5	8.6	8.2	8.1	8.2	9.3	7.8	8.2	8.8	7.7	7.9
8	8.7	8.6	8.7	8.2	8.1	8.2	9.4	7.7	8.2	9.1	7.8	8.0
9	8.8	8.6	8.7	8.2	8.0	8.1	9.2	7.8	8.2	9.1	7.8	8.1
10	9.2	8.6	8.8	8.1	8.0	8.0	9.3	7.8	8.2	9.1	7.8	8.0
11	9.1	7.9	8.7	8.1	8.0	8.0	9.2	7.8	8.2	9.1	7.8	8.1
12	9.2	8.0	8.6	8.0	7.9	8.0	9.2	7.8	8.1	9.1	7.8	8.1
13	9.2	7.9	8.5	8.2	8.0	8.2	9.2	7.8	8.3	9.1	7.8	8.0
14	9.2	7.9	8.5	8.2	8.0	8.1	9.3	7.7	8.2	9.0	7.7	8.1
15	9.2	7.9	8.5	9.3	7.9	8.1	9.3	7.7	8.1	9.1	7.7	7.9
16	9.2	8.0	8.4	9.3	7.8	8.2	9.2	7.7	8.1	8.9	7.7	7.9
17	9.1	8.1	8.8	9.3	7.9	8.2	9.2	7.7	8.1	8.9	7.7	7.9
18	8.9	8.4	8.7	9.3	7.9	8.4	9.4	7.7	8.0	8.9	7.7	7.9
19	8.5	8.2	8.4	9.3	7.9	8.4	8.7	7.8	8.0	8.9	7.8	7.9
20	8.7	8.2	8.3	9.2	7.8	8.3	8.5	7.7	7.9	8.9	7.8	7.9
21	8.4	8.0	8.2	9.1	7.7	8.4	9.1	7.6	7.9	8.9	7.7	7.9
22	8.0	7.9	8.0	8.4	8.0	8.1	9.1	7.7	8.0	8.9	7.8	7.9
23	8.0	7.8	7.9	8.9	8.1	8.3	9.2	7.7	8.0	8.9	7.8	8.0
24	7.9	7.7	7.9	8.7	8.2	8.5	9.1	7.7	8.0	8.9	7.8	8.0
25	8.2	7.7	7.8	8.6	8.2	8.3	9.2	7.7	8.0	8.9	7.8	8.0
26	8.5	8.1	8.2	8.7	8.3	8.5	9.0	7.7	8.1	8.9	7.8	8.0
27	8.3	8.0	8.1	9.1	8.5	8.7	9.2	7.8	8.0	8.8	7.9	8.0
28	8.6	8.0	8.2	8.9	8.6	8.7	9.1	7.8	7.9	8.8	7.9	8.0
29	8.8	8.1	8.4	9.1	8.0	8.9	9.1	7.7	8.0	8.8	7.9	8.0
30	8.9	8.1	8.4	9.3	7.8	8.1	8.8	7.7	7.9	8.8	7.9	8.0
31	---	---	---	9.2	7.8	8.1	9.0	7.7	8.0	---	---	---
Max	9.2	8.6	8.8	9.3	8.6	8.9	9.4	7.8	8.3	9.1	7.9	8.1
Min	7.9	7.7	7.8	8.0	7.7	8.0	8.5	7.6	7.9	8.8	7.7	7.9

10260500 Deep Creek near Hesperia, CA—Continued

10260500 Deep Creek near Hesperia, CA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
October				November				December				January
1	396	389	393	338	332	335	317	312	314	281	277	278
2	395	388	392	338	333	334	315	310	312	285	281	282
3	394	385	390	338	332	334	310	301	304	287	282	285
4	394	384	389	337	332	333	303	300	302	287	284	286
5	393	384	389	335	329	333	303	298	300	290	286	288
6	392	383	387	335	330	332	300	296	298	293	287	290
7	391	383	388	335	330	331	302	299	300	288	282	285
8	390	385	389	335	330	331	304	301	302	286	283	286
9	391	386	388	334	329	331	305	302	304	286	282	284
10	393	385	390	349	332	346	306	304	305	285	280	281
11	391	383	386	347	316	328	308	305	306	280	277	278
12	383	378	380	316	312	313	310	306	308	278	273	276
13	378	374	376	318	308	314	351	304	308	280	274	278
14	378	369	376	320	310	314	349	268	284	284	279	282
15	370	357	366	317	312	314	268	258	260	286	282	285
16	358	348	356	316	313	314	273	262	267	288	284	286
17	352	347	350	318	314	315	282	273	277	289	285	288
18	352	348	350	319	315	316	284	278	282	292	286	288
19	353	349	350	319	313	315	282	250	262	289	284	287
20	354	351	352	315	311	312	250	235	239	288	283	286
21	360	350	353	314	311	312	251	241	246	287	282	285
22	355	351	352	315	312	313	262	251	255	287	281	284
23	355	349	352	316	312	313	270	262	264	286	280	284
24	354	347	350	318	313	314	276	270	272	285	278	280
25	350	344	348	316	313	314	280	276	277	287	168	211
26	346	340	344	317	314	314	281	278	279	168	153	161
27	344	338	341	317	313	314	279	275	276	162	153	156
28	342	336	339	317	313	314	275	269	271	171	162	166
29	341	335	338	317	313	314	273	271	272	186	170	177
30	340	334	336	317	313	315	274	271	272	198	186	193
31	339	333	336	---	---	---	277	274	275	215	198	204
Max	396	389	393	349	333	346	351	312	314	293	287	290
Min	339	333	336	314	308	312	250	235	239	162	153	156

10260500 Deep Creek near Hesperia, CA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

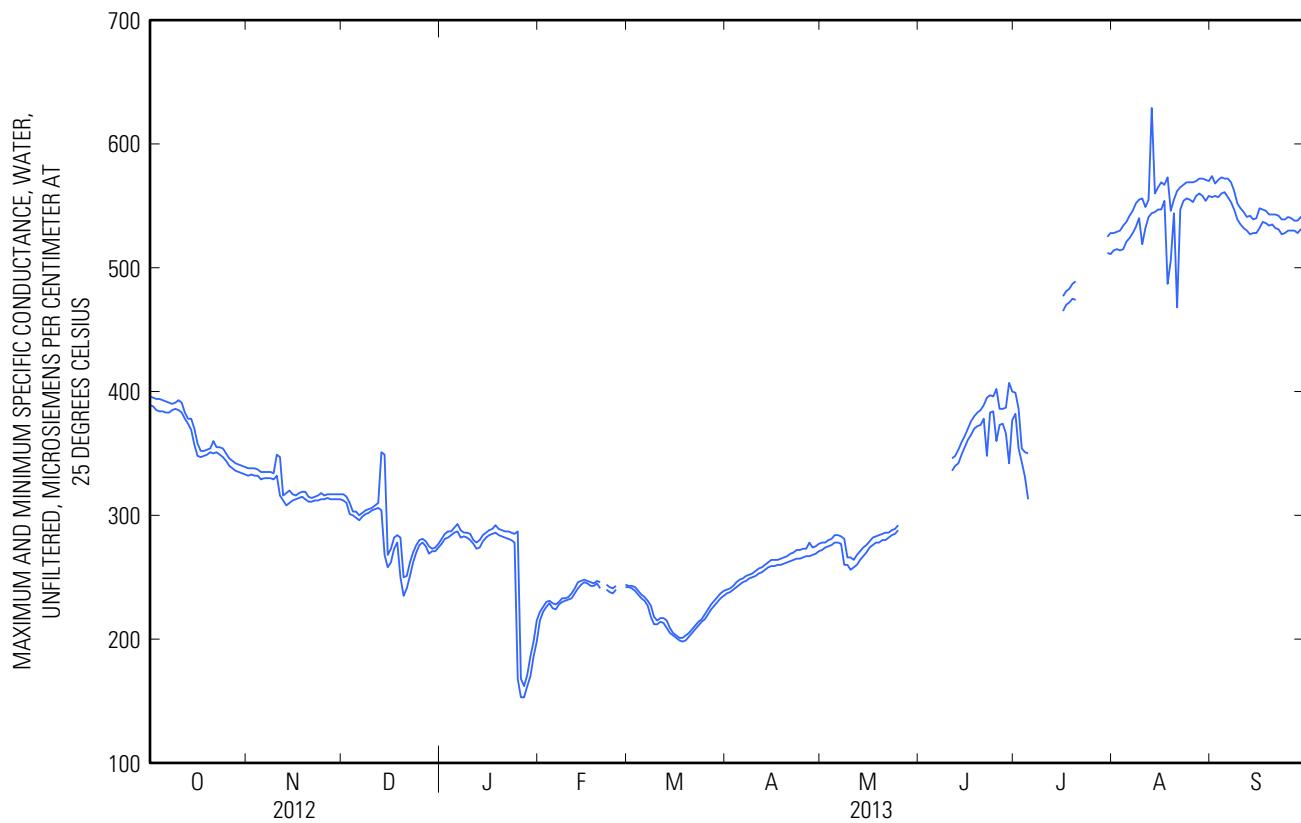
Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
February				March				April				May
1	222	215	216	243	242	242	240	237	239	278	272	275
2	226	222	224	243	241	242	241	238	240	278	274	276
3	230	226	228	242	239	240	243	240	242	280	275	277
4	231	229	230	239	236	237	246	242	244	281	276	278
5	229	225	226	236	233	234	248	244	246	284	278	282
6	228	224	226	234	231	232	249	246	248	284	278	281
7	230	228	229	231	227	228	251	247	249	283	277	281
8	233	230	231	227	218	222	252	249	251	281	260	268
9	233	231	232	218	212	213	253	250	252	266	260	263
10	234	232	233	215	212	213	255	251	253	266	256	262
11	237	233	234	217	214	215	257	253	255	264	258	262
12	241	237	238	217	213	215	258	254	257	268	260	264
13	246	241	242	215	209	212	260	256	258	271	264	267
14	247	244	245	209	205	207	262	258	260	274	267	270
15	248	246	247	205	203	204	264	259	262	276	270	273
16	247	245	246	203	201	202	264	259	262	279	274	276
17	246	243	244	201	199	200	264	260	262	282	276	278
18	245	243	244	201	198	199	265	260	263	283	278	280
19	247	245	246	203	199	200	266	261	264	284	278	280
20	246	241	242	205	202	203	267	262	265	285	280	281
21	---	---	---	208	205	206	269	263	267	286	280	282
22	244	240	242	211	208	209	270	264	268	286	282	284
23	242	238	240	214	211	212	272	265	269	288	284	285
24	241	237	240	216	214	214	272	265	269	289	285	287
25	243	240	241	220	216	217	273	266	270	292	288	289
26	---	---	---	224	220	221	273	267	270	---	---	---
27	---	---	---	228	224	225	278	267	271	---	---	---
28	244	242	243	231	227	228	274	268	271	---	---	---
29	---	---	---	234	230	231	275	269	272	---	---	---
30	---	---	---	237	233	234	277	271	274	---	---	---
31	---	---	---	239	235	237	---	---	---	---	---	---
Max	---	---	---	243	242	242	278	271	274	---	---	---
Min	---	---	---	201	198	199	240	237	239	---	---	---

10260500 Deep Creek near Hesperia, CA—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June				July				August			
1	---	---	---	399	382	393	528	514	521	574	557	565
2	---	---	---	386	354	381	529	515	520	568	558	565
3	---	---	---	354	343	349	530	514	522	571	557	562
4	---	---	---	351	331	338	534	515	524	573	560	564
5	---	---	---	350	313	330	537	521	528	572	561	566
6	---	---	---	---	---	---	542	524	533	572	557	562
7	---	---	---	---	---	---	546	528	537	569	553	558
8	---	---	---	---	---	---	552	533	541	562	547	552
9	---	---	---	---	---	---	555	540	547	552	539	544
10	---	---	---	---	---	---	556	519	548	548	535	539
11	346	336	340	---	---	---	549	532	538	545	532	537
12	348	340	344	---	---	---	555	541	547	541	530	534
13	353	342	350	---	---	---	629	544	553	542	527	534
14	359	349	356	---	---	---	560	545	553	539	528	533
15	364	355	363	---	---	---	565	547	558	540	528	533
16	370	361	368	477	465	469	569	547	559	548	532	539
17	376	365	372	481	470	473	567	554	559	547	537	541
18	380	370	374	483	472	477	573	487	561	546	536	540
19	383	372	379	487	475	480	546	506	525	543	534	538
20	385	373	381	489	474	482	555	544	548	543	535	538
21	389	378	385	---	---	---	562	468	549	543	532	537
22	395	348	386	---	---	---	565	547	557	542	531	536
23	397	383	390	---	---	---	567	554	560	539	527	534
24	396	384	389	---	---	---	569	556	562	539	528	534
25	402	360	390	---	---	---	569	555	562	541	530	534
26	386	373	378	---	---	---	569	553	562	540	530	534
27	386	374	378	---	---	---	570	558	564	538	530	534
28	387	366	377	---	---	---	572	560	564	538	528	533
29	407	342	395	---	---	---	572	558	563	541	531	534
30	400	377	394	525	512	516	571	554	563	538	531	534
31	---	---	---	528	511	519	570	558	561	---	---	---
Max	---	---	---	---	---	---	629	560	564	574	561	566
Min	---	---	---	---	---	---	528	468	520	538	527	533

10260500 Deep Creek near Hesperia, CA—Continued



10260500 Deep Creek near Hesperia, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	October			November			December			January		
1	22.5	17.5	19.5	14.5	12.2	13.4	12.8	11.1	12.2	4.5	3.1	3.6
2	22.5	17.2	19.8	13.6	11.3	12.9	13.0	11.5	12.2	4.5	2.6	3.4
3	22.6	18.0	19.6	13.5	11.2	12.7	13.2	11.5	12.0	4.3	2.5	3.1
4	22.1	17.7	19.5	13.2	10.9	12.6	11.6	10.0	11.0	3.5	1.8	2.6
5	21.1	16.6	18.6	13.6	11.2	12.9	11.2	9.0	10.4	3.8	1.8	2.9
6	20.2	16.0	18.3	14.0	11.6	13.2	11.8	10.0	11.0	5.2	2.7	4.4
7	21.1	16.4	18.5	14.3	11.9	13.4	11.0	9.3	10.3	5.7	4.2	4.6
8	20.4	16.4	18.0	14.2	12.5	13.5	9.6	7.6	8.8	6.1	3.9	5.0
9	18.9	15.8	17.2	13.7	11.7	12.6	8.8	7.0	8.4	7.0	4.7	6.0
10	19.4	15.5	17.1	11.7	9.1	10.8	9.0	6.9	8.2	6.3	4.2	5.5
11	17.0	14.9	15.9	9.5	7.7	8.7	8.5	6.4	7.8	4.6	3.1	3.9
12	17.4	14.1	15.6	8.7	6.4	8.0	9.2	7.1	8.6	3.6	1.8	2.8
13	16.9	14.2	15.7	8.4	5.8	7.8	9.4	8.0	8.9	2.9	1.0	1.8
14	17.1	14.2	15.9	8.9	6.2	8.4	9.4	7.0	7.4	2.3	0.6	1.5
15	17.5	14.8	16.3	9.6	7.3	8.8	7.8	6.4	6.9	3.1	0.6	2.1
16	17.8	14.9	16.6	11.2	9.2	10.9	8.5	6.6	7.4	4.5	1.7	3.2
17	18.3	15.3	16.9	12.3	10.6	11.8	9.3	7.4	8.3	5.2	2.8	3.8
18	18.7	15.8	17.0	12.8	10.8	11.9	9.4	6.9	8.2	5.2	3.0	4.0
19	18.2	15.1	16.6	12.3	10.2	11.4	6.9	3.8	5.4	5.2	2.8	3.8
20	18.4	15.5	16.5	11.2	9.0	10.4	4.2	2.6	3.3	5.3	2.8	3.8
21	18.2	15.7	16.5	11.0	8.6	10.3	4.1	2.2	3.0	5.4	3.0	4.0
22	17.4	14.9	15.7	11.2	9.0	10.5	4.8	2.5	3.8	5.7	3.1	4.4
23	16.3	14.0	14.8	11.0	8.8	10.3	6.6	4.1	5.7	7.8	4.2	6.6
24	15.7	13.4	14.3	10.6	8.5	10.0	7.4	5.7	6.5	8.9	7.1	8.3
25	14.3	11.9	13.4	11.4	9.0	10.7	6.6	5.6	6.0	8.9	7.1	7.6
26	14.0	11.5	12.9	11.5	9.4	10.7	7.4	5.5	6.3	8.6	7.1	7.8
27	13.3	10.8	12.5	11.2	9.2	10.6	6.3	5.1	5.8	7.8	6.4	7.4
28	13.5	10.9	12.5	11.3	9.1	10.6	5.3	3.9	4.7	6.4	4.4	5.5
29	14.0	11.4	12.9	12.2	10.0	11.6	5.4	3.7	4.6	5.6	3.2	4.7
30	14.2	11.6	13.2	12.6	11.1	11.8	6.3	5.0	5.4	6.8	4.1	5.7
31	14.3	11.8	13.4	---	---	---	5.3	3.6	4.8	7.6	4.8	6.4
Max	22.6	18.0	19.8	14.5	12.5	13.5	13.2	11.5	12.2	8.9	7.1	8.3
Min	13.3	10.8	12.5	8.4	5.8	7.8	4.1	2.2	3.0	2.3	0.6	1.5

10260500 Deep Creek near Hesperia, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

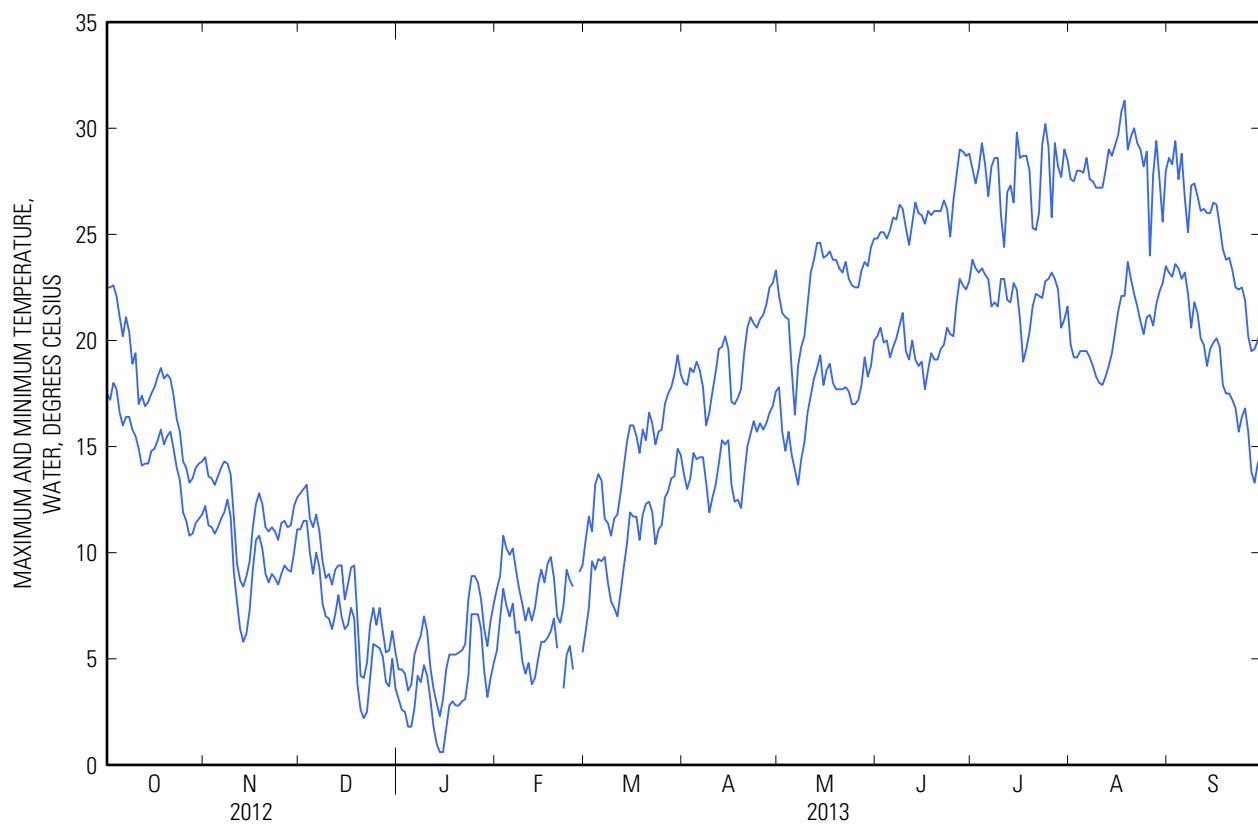
Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
February				March				April				May
1	8.3	5.4	7.0	10.6	6.3	8.6	18.0	13.7	15.4	22.1	17.8	19.9
2	8.9	6.9	8.0	11.7	7.4	9.7	17.9	13.0	15.3	21.3	15.7	18.5
3	10.8	8.3	9.3	11.0	9.6	10.2	18.7	13.5	15.5	21.1	14.8	18.2
4	10.2	7.5	8.9	13.2	9.2	11.4	18.5	14.7	16.2	21.0	15.7	18.6
5	9.9	7.0	8.6	13.7	9.7	11.5	19.0	14.4	16.3	18.6	14.6	15.5
6	10.2	7.6	8.6	13.4	9.6	11.6	18.6	14.5	16.4	16.5	13.9	15.0
7	9.2	6.2	8.0	11.6	9.8	10.6	17.8	14.5	16.0	18.8	13.2	15.7
8	8.3	6.3	7.4	11.4	8.6	9.6	16.0	13.3	15.0	19.7	14.4	16.9
9	7.6	4.9	6.1	10.8	7.7	9.5	16.6	11.9	13.8	20.2	15.2	17.5
10	6.8	4.3	5.7	11.6	7.4	9.5	17.6	12.6	14.3	21.7	16.6	19.0
11	7.4	4.8	5.7	11.8	7.0	9.6	18.5	13.2	15.3	23.2	17.4	19.9
12	6.8	3.8	5.2	12.8	8.1	10.5	19.6	14.2	16.4	23.8	18.2	20.9
13	7.4	4.1	5.8	14.0	9.3	11.6	19.7	15.3	16.9	24.6	18.7	21.5
14	8.5	5.0	6.8	15.2	10.4	12.7	20.2	15.1	17.2	24.6	19.3	21.5
15	9.2	5.8	7.3	16.0	11.9	13.9	19.6	15.3	16.7	23.9	17.9	20.8
16	8.6	5.8	7.3	16.0	11.7	14.2	17.1	13.2	14.5	24.0	18.6	21.2
17	9.5	6.0	7.8	15.5	11.7	13.8	17.0	12.4	14.3	24.2	18.9	21.1
18	9.8	6.3	8.0	14.7	10.6	13.5	17.3	12.5	14.4	23.8	18.0	20.9
19	8.8	6.9	7.7	15.8	11.8	13.6	17.7	12.1	14.4	23.8	17.7	20.8
20	7.0	5.5	6.0	15.3	12.3	14.0	19.4	13.6	16.0	23.4	17.7	20.6
21	6.7	---	---	16.6	12.4	14.2	20.6	15.0	17.4	23.2	17.7	20.4
22	7.5	3.6	5.8	16.1	11.9	13.9	21.1	15.6	18.1	23.7	17.8	20.2
23	9.2	5.2	7.5	15.1	10.4	13.3	20.8	16.2	18.3	22.9	17.6	19.9
24	8.7	5.6	7.0	15.7	11.1	13.6	20.6	15.7	18.0	22.6	17.0	19.8
25	8.4	4.5	6.6	15.8	11.3	13.5	21.0	16.1	18.2	22.5	17.0	19.5
26	---	---	---	17.0	12.6	14.4	21.2	15.8	18.2	22.5	17.2	19.5
27	9.1	---	---	17.5	12.9	14.8	21.7	16.1	18.8	23.3	17.9	20.1
28	9.4	5.3	7.5	17.8	13.5	14.9	22.5	16.6	19.3	23.7	19.2	20.9
29	---	---	---	18.4	13.6	15.6	22.7	16.9	19.8	23.5	18.3	20.8
30	---	---	---	19.3	14.9	16.5	23.3	17.6	20.3	24.4	18.8	21.2
31	---	---	---	18.4	14.6	16.0	---	---	---	24.8	20.0	22.4
Max	---	---	---	19.3	14.9	16.5	23.3	17.6	20.3	24.8	20.0	22.4
Min	---	---	---	10.6	6.3	8.6	16.0	11.9	13.8	16.5	13.2	15.0

10260500 Deep Creek near Hesperia, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	June			July			August			September		
1	24.8	20.2	22.7	28.1	23.8	24.8	27.6	19.8	22.2	28.6	23.2	24.8
2	25.1	20.6	22.6	27.4	23.4	24.4	27.5	19.2	21.9	28.3	23.0	24.6
3	25.1	19.9	22.4	28.1	23.2	24.1	28.0	19.2	21.9	29.4	23.6	24.7
4	24.8	20.0	22.4	29.3	23.4	25.0	28.0	19.5	22.1	27.6	23.4	24.5
5	25.2	19.2	22.2	28.3	23.1	24.7	27.9	19.5	22.0	28.8	22.9	24.3
6	25.8	19.7	22.4	26.8	22.9	24.5	28.6	19.5	21.6	26.7	23.2	24.0
7	25.7	20.1	23.0	28.2	21.6	23.8	27.6	19.2	21.4	25.1	22.2	23.2
8	26.4	20.7	23.5	28.6	21.8	24.2	27.5	18.8	21.5	27.3	20.6	22.8
9	26.2	21.3	23.5	28.6	21.6	24.0	27.2	18.3	21.2	27.4	21.8	22.7
10	25.3	19.5	22.2	25.9	22.9	24.4	27.2	18.0	21.1	26.8	21.3	22.2
11	24.5	19.1	21.8	24.4	22.9	23.4	27.2	17.9	21.0	26.1	20.1	21.4
12	25.5	20.0	22.0	27.0	21.9	23.0	28.0	18.3	21.5	26.2	19.8	20.9
13	26.5	19.1	22.1	27.3	21.8	23.9	29.0	18.8	21.9	26.0	18.8	20.8
14	26.0	18.8	21.9	26.5	22.7	24.3	28.7	19.4	22.4	26.0	19.6	21.2
15	25.9	19.0	21.6	29.8	22.4	24.0	29.2	20.4	22.9	26.5	19.9	21.5
16	25.5	17.7	21.3	28.6	21.0	22.5	29.7	21.4	23.9	26.4	20.1	21.5
17	26.1	18.6	21.7	28.7	19.0	22.2	30.8	22.1	24.6	25.4	19.7	20.9
18	25.9	19.4	21.8	28.7	19.6	22.6	31.3	22.1	25.0	24.3	17.9	20.0
19	26.1	19.1	22.0	28.0	20.4	23.0	29.0	23.7	25.1	23.8	17.5	19.2
20	26.1	19.1	22.0	25.3	21.6	23.1	29.6	22.9	24.6	23.9	17.5	19.0
21	26.1	19.6	22.1	25.2	22.2	23.2	30.0	22.2	24.1	23.3	17.2	18.5
22	26.6	19.8	22.6	26.0	22.1	23.4	29.3	21.6	23.7	22.5	16.8	17.9
23	26.2	20.6	22.7	29.2	22.0	24.4	29.0	20.9	23.2	22.4	15.7	17.4
24	24.9	20.3	21.9	30.2	22.8	24.9	28.2	20.3	22.8	22.5	16.4	17.8
25	26.6	20.2	23.0	29.1	22.9	24.8	28.9	21.1	22.7	21.9	16.8	17.5
26	27.8	21.8	23.7	25.8	23.2	24.2	24.0	21.2	22.5	20.2	15.7	16.5
27	29.0	22.9	24.7	29.3	22.9	24.2	27.8	20.7	23.0	19.5	13.8	15.3
28	28.9	22.6	25.0	28.2	22.4	23.7	29.4	21.7	23.8	19.6	13.3	15.0
29	28.7	22.4	24.8	27.7	20.6	22.3	27.6	22.3	24.0	20.0	14.2	15.6
30	28.8	22.8	24.8	29.0	21.0	23.3	25.6	22.7	24.0	20.6	14.6	16.2
31	---	---	---	28.5	21.6	22.9	28.0	23.5	24.2	---	---	---
Max	29.0	22.9	25.0	30.2	23.8	25.0	31.3	23.7	25.1	29.4	23.6	24.8
Min	24.5	17.7	21.3	24.4	19.0	22.2	24.0	17.9	21.0	19.5	13.3	15.0

10260500 Deep Creek near Hesperia, CA—Continued



10260500 Deep Creek near Hesperia, CA—Continued

CROSS SECTION ANALYSES

WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

[%, percent; ft, feet; mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius;
µS/cm, microsiemens per centimeter]

Sample date-time	Barometric pressure, mm Hg (00025)	Dissolved oxygen, water, unfiltered, mg/L (00300)	Dissolved oxygen, water, unfiltered, % saturation (00301)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Depth to bottom at sample location, ft (81903)	Location in cross section, distance from left bank looking downstream, ft (00009)
02-21-2013 1350	684	11.4	105	8.2	233	7.0	0.40	4.00
02-21-2013 1352	684	11.4	105	8.2	234	6.9	1.00	11.0
02-21-2013 1354	684	11.4	104	8.2	231	7.0	.50	18.0
02-21-2013 1355	684	11.4	105	8.2	232	7.0	.40	4.00
04-10-2013 1257	687	10.9	122	8.5	250	16.0	--	2.00
04-10-2013 1258	687	11.1	125	8.5	250	16.0	--	4.00
04-10-2013 1259	687	11.2	126	8.5	250	16.0	--	6.00
04-10-2013 1300	687	11.2	126	8.5	250	16.0	--	8.00
04-10-2013 1301	687	11.1	125	8.5	250	16.1	--	10.0
04-10-2013 1302	687	10.9	124	8.5	248	16.2	--	12.0
04-10-2013 1304	687	11.2	126	8.5	250	16.1	--	2.00
08-21-2013 1222	686	10.8	146	8.5	535	25.3	.30	.50
08-21-2013 1225	686	10.9	147	8.5	538	25.2	.30	1.00
08-21-2013 1226	686	10.9	148	8.5	538	25.2	.30	1.50

Note: Instantaneous discharge at mean time of cross-sectional measurements: Feb. 21, 22 ft³/s, Apr. 10. 14 ft³/s,
Aug. 21, 0.74 ft³/s.