

11133000 Santa Ynez River at Narrows, near Lompoc, CA

Santa Ynez River Basin

LOCATION.--Lat 34°38'10", long 120°25'25" referenced to North American Datum of 1927, Santa Barbara County, CA, Hydrologic Unit 18060010, in Canada de Salsipuedes Grant, on left bank, 0.6 mi upstream from State Highway 246, 1.8 mi downstream from Salsipuedes Creek, 1.9 mi east of Lompoc, and 33.0 mi downstream from Lake Cachuma.

DRAINAGE AREA.--789 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1947 to November 1951 (irrigation seasons only). May 1952 to September 1963, October 1964 to September 1979, October 1980 to current year. Records equivalent, except for low-flow periods, to those published as "near Lompoc" (station 11133500), November to December 1906, October 1907 to September 1918, May 1925 to September 1960, and October 1978 to September 1980.

REVISED RECORDS.--WSP 1928: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 85 ft above NGVD of 1929, from topographic map. Prior to Apr. 10, 1991, at datum 5 ft higher. See WSP 1715 for history of changes prior to Oct. 1, 1961. Since Oct. 1, 1961, at various sites and datums within 0.1 mi of present site.

REMARKS.--Records good. Flow regulated by Jameson Lake, Gibraltar Reservoir, and since November 1952, by Lake Cachuma (stations 11121000, 11122000, and 11125500, respectively). Water diverted out of Jameson Lake, Gibraltar Reservoir, and Lake Cachuma to cities of Montecito, Santa Barbara, and Goleta for municipal supply. Water pumped from wells along banks of river for irrigation in valley upstream. Satellite telemeter at station. See schematic diagram of Santa Ynez River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 80,000 ft³/s, Jan. 25, 1969, gage height, 24.20 ft, from supplementary gage; no flow at times in most years.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Jan. 9, 1907, reached a stage of 22.0 ft, site and datum then in use, discharge, 120,000 ft³/s, from mean-depth study.

11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	1.2	7.4	26	10	0.99	0.50	0.00	0.00	0.00
2	0.00	0.00	0.00	1.6	8.3	24	10	1.1	0.51	0.00	0.00	0.00
3	0.00	0.00	0.00	1.9	7.6	23	10	1.1	0.46	0.00	0.00	0.00
4	0.00	0.00	0.00	1.8	7.7	25	8.9	1.1	0.40	0.00	0.00	0.00
5	0.00	0.00	0.00	1.9	10	31	8.6	1.0	0.45	0.00	0.00	0.00
6	0.00	0.00	0.00	2.7	21	28	10	1.0	0.48	0.00	0.00	0.00
7	0.00	0.00	0.00	3.3	31	26	8.5	1.1	0.50	0.00	0.00	0.00
8	0.00	0.00	0.00	3.7	45	25	8.3	0.99	0.39	0.00	0.00	0.00
9	0.00	0.00	0.00	4.2	37	25	8.1	0.84	0.30	0.00	0.00	0.00
10	0.00	0.00	0.00	3.8	30	23	6.7	1.3	0.23	0.00	0.00	0.00
11	0.00	0.00	0.10	3.7	24	22	5.5	0.82	0.30	0.00	0.00	0.00
12	0.00	0.00	0.42	4.5	20	21	4.8	0.70	0.44	0.00	0.00	0.00
13	0.00	0.00	0.14	4.7	20	20	6.2	0.65	0.35	0.00	0.00	0.00
14	0.00	0.00	0.22	4.1	24	20	6.9	0.59	0.24	0.00	0.00	0.00
15	0.00	0.00	5.4	3.9	20	19	5.8	0.53	0.21	0.00	0.00	0.00
16	0.00	0.00	8.8	3.6	89	17	4.9	0.49	0.21	0.00	0.00	0.00
17	0.00	0.00	2.8	3.1	120	16	4.8	0.50	0.19	0.00	0.00	0.00
18	0.00	0.00	1.2	3.2	64	16	4.4	0.42	0.19	0.00	0.00	0.00
19	0.00	0.00	0.95	3.9	46	14	3.4	0.37	0.20	0.00	0.00	0.00
20	0.00	0.00	0.81	4.6	39	14	3.2	0.41	0.22	0.00	0.00	0.00
21	0.00	0.00	0.72	5.0	35	13	2.8	0.45	0.24	0.00	0.00	0.00
22	0.00	0.00	0.99	6.1	35	15	2.3	0.37	0.24	0.00	0.00	0.00
23	0.00	0.00	1.0	7.8	35	16	1.9	0.37	0.23	0.00	0.00	0.00
24	0.00	0.00	1.00	8.3	34	15	2.0	0.36	0.17	0.00	0.00	0.00
25	0.00	0.00	1.1	10	32	13	1.6	0.38	0.14	0.00	0.00	0.00
26	0.00	0.00	1.1	11	32	12	1.5	0.30	0.15	0.00	0.00	0.00
27	0.00	0.00	1.1	9.5	32	11	1.8	0.30	0.11	0.00	0.00	0.00
28	0.00	0.00	0.88	9.0	30	11	1.6	0.36	0.10	0.00	0.00	0.00
29	0.00	0.00	0.81	9.0	---	11	1.3	0.36	0.07	0.00	0.00	0.00
30	0.00	0.00	0.93	8.7	---	13	1.1	0.38	0.03	0.00	0.00	0.00
31	0.00	---	1.0	8.6	---	11	---	0.45	---	0.00	0.00	---
Total	0.00	0.00	31.47	158.4	936.0	576	156.9	20.08	8.25	0.00	0.00	0.00
Mean	0.00	0.00	1.02	5.11	33.4	18.6	5.23	0.65	0.28	0.00	0.00	0.00
Max	0.00	0.00	8.8	11	120	31	10	1.3	0.51	0.00	0.00	0.00
Min	0.00	0.00	0.00	1.2	7.4	11	1.1	0.30	0.03	0.00	0.00	0.00
Ac-ft	0.00	0.00	62	314	1,860	1,140	311	40	16	0.00	0.00	0.00

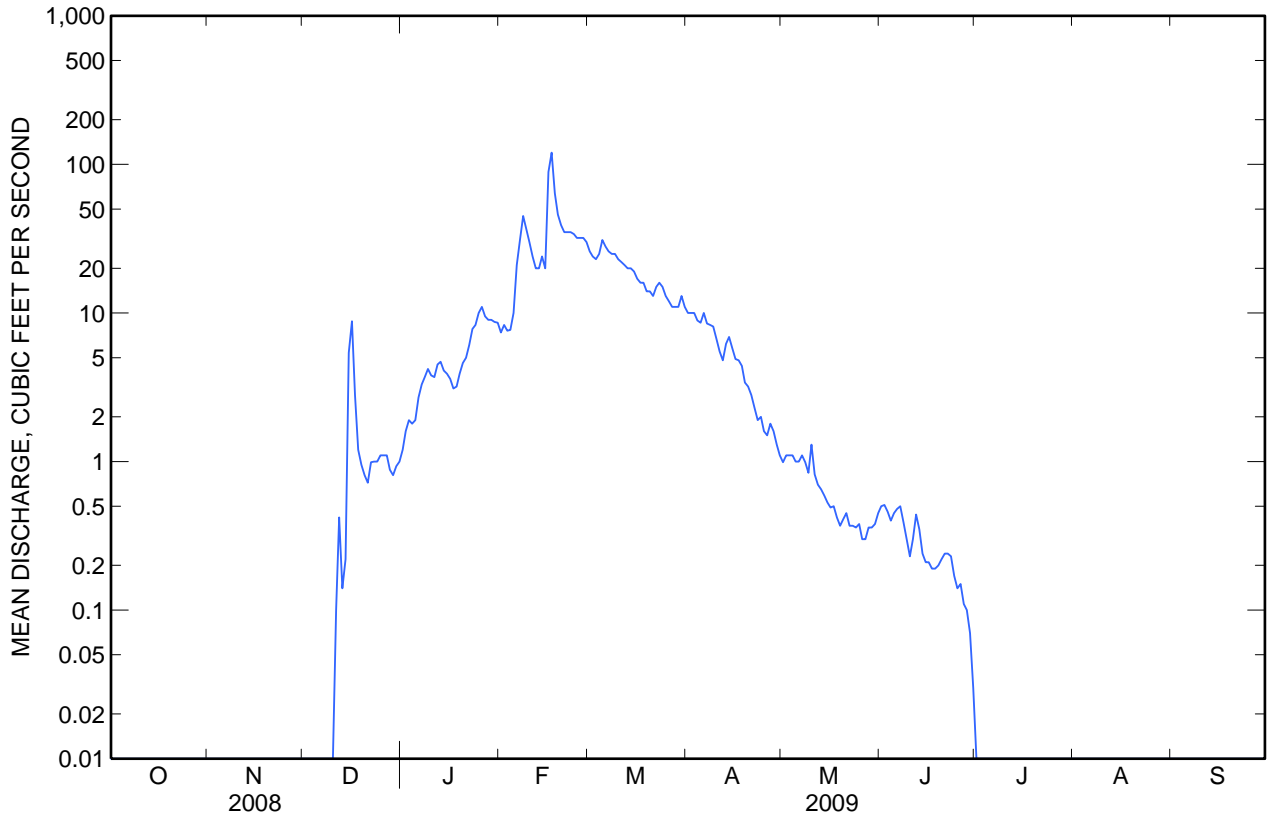
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2009, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	5.11	7.19	37.3	263	503	448	190	66.8	17.5	4.97	4.35	4.45
Max	29.9	112	479	3,303	7,452	3,590	1,253	993	310	78.3	30.9	29.4
(WY)	(1992)	(1966)	(2005)	(1969)	(1998)	(1983)	(1998)	(1998)	(1998)	(1998)	(2004)	(1992)
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(1955)	(1955)	(1955)	(1989)	(1961)	(1990)	(1961)	(1961)	(1961)	(1960)	(1954)	(1954)

11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued

SUMMARY STATISTICS

	Calendar Year 2008		Water Year 2009		Water Years 1952 - 2009	
Annual total	35,402.75		1,887.10			
Annual mean	96.7		5.17		127	
Highest annual mean					941	1998
Lowest annual mean					0.00	1990
Highest daily mean	3,940	Jan 27	120	Feb 17	38,000	Jan 25, 1969
Lowest daily mean	0.00	Aug 26	0.00	Oct 1	0.00	Sep 18, 1953
Annual seven-day minimum	0.00	Aug 26	0.00	Oct 1	0.00	Oct 23, 1953
Maximum peak flow			300	Feb 16	80,000	Jan 25, 1969
Maximum peak stage			5.39	Feb 16	24.20	Jan 25, 1969
Annual runoff (ac-ft)	70,220		3,740		92,140	
10 percent exceeds	262		20		117	
50 percent exceeds	1.1		0.24		2.5	
90 percent exceeds	0.00		0.00		0.00	



11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1978-88, 1997 to current year.

CHEMICAL DATA: Water years 1978-88, 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1998 to September 2003 (seasonal), October 2003 to current year.

WATER TEMPERATURE: October 1998 to September 2004 (seasonal), October 2004 to current year.

INSTRUMENTATION.--Water-quality monitor since October 1998.

REMARKS.--No flow Oct. 1 to Dec. 10 and July 1 to Sept. 30.

Specific conductance records rated excellent except for May 19 to June 30, which are rated good.

Water temperature records rated excellent except for Jan. 18-26, Mar. 9 to Apr. 20, which are rated good; and Apr. 20 to June 30, which are rated fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 2,150 microsiemens, Aug. 17, 2002; minimum recorded, 276 microsiemens, Jan. 27, 2008.

WATER TEMPERATURE: Maximum recorded, 32.0°C, July 12, 13, 1999; minimum recorded, 3.9°C, Jan. 14, 2007.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 1,870 microsiemens, Dec. 12-14; minimum recorded, 740 microsiemens, Feb. 16.

WATER TEMPERATURE: Maximum recorded, 24.0°C, May 6; minimum recorded, 6.2°C, Dec. 27.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 3

[Remark codes: <, less than.]

Date	Time	Baro- metric pres- sure, mm Hg (00025)	Instan- taneous dis- charge, ft ³ /s (00061)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, water unf μS/cm @ 25 degC (00095)	Temper- ature, deg C (00010)	Dis- solved solids dried @ 180degC water, mg/L (70300)	Dis- solved solids, sum of consti- tuents, mg/L (70301)	Dis- solved solids, water, tons/ acre-ft (70303)	Hard- ness, water, mg/L as CaCO3 (00900)	Noncarb hard- ness, wat flt field, mg/L as CaCO3 (00904)
Dec													
18...	1330	--	1.1	--	--	8.1	1,670	12.5	1,250	--	--	--	--
Jan													
15...	0935	--	3.8	--	--	8.0	1,760	8.7	1,300	--	--	--	--
Feb													
09...	1035	--	37	--	--	7.8	1,400	11.5	984	--	--	--	--
Mar													
18...	1630	--	16	--	--	8.3	1,460	22.0	1,020	--	--	--	--
Apr													
07...	1130	758	8.0	14.0	141	8.1	1,550	15.4	1,110	1,040	1.50	690	400
May													
05...	1225	--	1.1	--	--	8.0	1,740	22.3	1,260	--	--	--	--
Jun													
22...	1435	--	.27	--	--	7.6	1,780	23.1	1,310	--	--	--	--

11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 3

[Remark codes: <, less than.]

Date	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium fraction of cations percent (00932)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, water, fltrd, mg/L as CaCO ₃ (39086)	Bicarbonate, water, fltrd, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO ₂ (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)
Dec 18...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb 09...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 18...	--	--	--	--	--	--	--	--	--	--	--	--	--
Apr 07...	144	79.8	3.65	1.5	22	91.8	300	357	102	.41	12.2	427	<.020
May 05...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun 22...	--	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 3

[Remark codes: <, less than.]

Date	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Iron, water, fltrd, µg/L (01046)	Manganese, water, fltrd, µg/L (01056)	Boron, water, fltrd, µg/L (01020)
Dec 18...	--	--	--	--	--	--
Jan 15...	--	--	--	--	--	--
Feb 09...	--	--	--	--	--	--
Mar 18...	--	--	--	--	--	--
Apr 07...	<.04	<.002	.025	5	11.0	511
May 05...	--	--	--	--	--	--
Jun 22...	--	--	--	--	--	--

11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

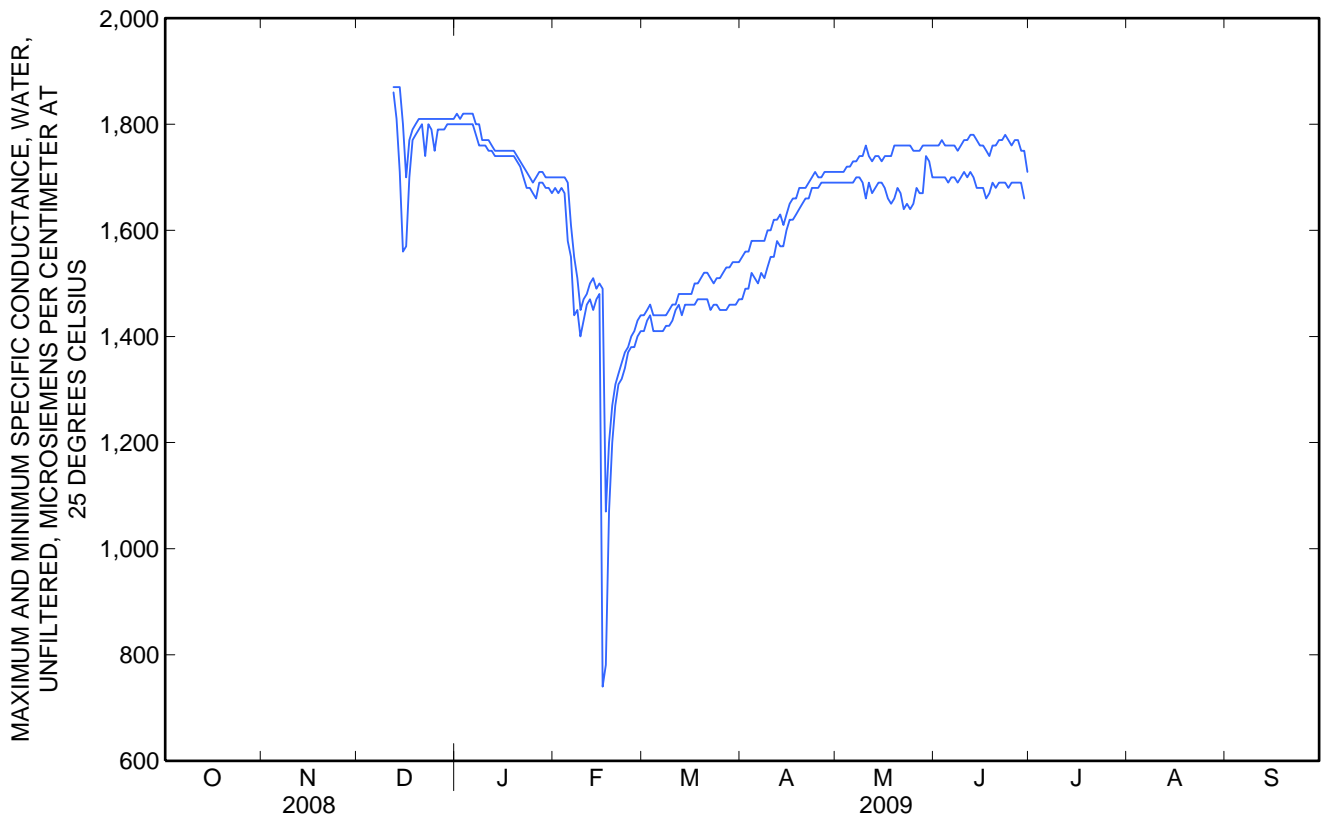
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	1,820	1,800	1,700	1,680	1,440	1,410
2	---	---	---	---	---	---	1,810	1,800	1,700	1,670	1,450	1,430
3	---	---	---	---	---	---	1,820	1,800	1,700	1,680	1,460	1,440
4	---	---	---	---	---	---	1,820	1,800	1,700	1,670	1,440	1,410
5	---	---	---	---	---	---	1,820	1,800	1,690	1,580	1,440	1,410
6	---	---	---	---	---	---	1,820	1,800	1,610	1,550	1,440	1,410
7	---	---	---	---	---	---	1,800	1,780	1,550	1,440	1,440	1,410
8	---	---	---	---	---	---	1,800	1,760	1,510	1,450	1,440	1,420
9	---	---	---	---	---	---	1,770	1,760	1,450	1,400	1,450	1,420
10	---	---	---	---	---	---	1,770	1,760	1,470	1,430	1,460	1,430
11	---	---	---	---	---	---	1,770	1,750	1,480	1,460	1,460	1,450
12	---	---	---	---	1,870	1,860	1,760	1,750	1,500	1,470	1,480	1,460
13	---	---	---	---	1,870	1,810	1,750	1,740	1,510	1,450	1,480	1,440
14	---	---	---	---	1,870	1,710	1,750	1,740	1,490	1,470	1,480	1,460
15	---	---	---	---	1,800	1,560	1,750	1,740	1,500	1,480	1,480	1,460
16	---	---	---	---	1,700	1,570	1,750	1,740	1,490	740	1,480	1,460
17	---	---	---	---	1,770	1,700	1,750	1,740	1,070	781	1,500	1,460
18	---	---	---	---	1,790	1,770	1,750	1,740	1,200	1,070	1,500	1,470
19	---	---	---	---	1,800	1,780	1,750	1,740	1,270	1,200	1,510	1,470
20	---	---	---	---	1,810	1,790	1,740	1,730	1,310	1,270	1,520	1,470
21	---	---	---	---	1,810	1,800	1,730	1,720	1,330	1,310	1,520	1,470
22	---	---	---	---	1,810	1,740	1,720	1,700	1,350	1,320	1,510	1,450
23	---	---	---	---	1,810	1,800	1,710	1,680	1,370	1,340	1,500	1,460
24	---	---	---	---	1,810	1,790	1,700	1,680	1,380	1,370	1,510	1,460
25	---	---	---	---	1,810	1,750	1,690	1,670	1,400	1,380	1,510	1,450
26	---	---	---	---	1,810	1,790	1,700	1,660	1,410	1,380	1,520	1,450
27	---	---	---	---	1,810	1,790	1,710	1,690	1,430	1,400	1,530	1,450
28	---	---	---	---	1,810	1,790	1,710	1,690	1,440	1,410	1,530	1,460
29	---	---	---	---	1,810	1,800	1,700	1,680	---	---	1,540	1,460
30	---	---	---	---	1,810	1,800	1,700	1,680	---	---	1,540	1,460
31	---	---	---	---	1,810	1,800	1,700	1,670	---	---	1,540	1,470
Month	---	---	---	---	---	---	1,820	1,660	1,700	740	1,540	1,410

11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	1,550	1,470	1,710	1,690	1,760	1,700	---	---	---	---	---	---
2	1,560	1,490	1,710	1,690	1,760	1,700	---	---	---	---	---	---
3	1,560	1,490	1,710	1,690	1,770	1,700	---	---	---	---	---	---
4	1,580	1,520	1,720	1,690	1,760	1,700	---	---	---	---	---	---
5	1,580	1,510	1,720	1,690	1,760	1,690	---	---	---	---	---	---
6	1,580	1,500	1,730	1,690	1,760	1,700	---	---	---	---	---	---
7	1,580	1,520	1,730	1,700	1,760	1,700	---	---	---	---	---	---
8	1,580	1,510	1,740	1,700	1,750	1,690	---	---	---	---	---	---
9	1,600	1,530	1,740	1,690	1,760	1,700	---	---	---	---	---	---
10	1,600	1,550	1,760	1,660	1,770	1,710	---	---	---	---	---	---
11	1,620	1,550	1,740	1,690	1,770	1,700	---	---	---	---	---	---
12	1,620	1,580	1,730	1,670	1,780	1,710	---	---	---	---	---	---
13	1,630	1,570	1,740	1,680	1,780	1,700	---	---	---	---	---	---
14	1,610	1,570	1,740	1,690	1,770	1,680	---	---	---	---	---	---
15	1,630	1,600	1,730	1,690	1,760	1,680	---	---	---	---	---	---
16	1,650	1,620	1,740	1,680	1,760	1,680	---	---	---	---	---	---
17	1,660	1,620	1,740	1,660	1,750	1,660	---	---	---	---	---	---
18	1,660	1,630	1,740	1,650	1,740	1,670	---	---	---	---	---	---
19	1,680	1,640	1,760	1,660	1,760	1,690	---	---	---	---	---	---
20	1,680	1,650	1,760	1,680	1,760	1,680	---	---	---	---	---	---
21	1,680	1,660	1,760	1,670	1,770	1,690	---	---	---	---	---	---
22	1,690	1,660	1,760	1,640	1,770	1,690	---	---	---	---	---	---
23	1,700	1,680	1,760	1,650	1,780	1,690	---	---	---	---	---	---
24	1,710	1,680	1,760	1,640	1,770	1,680	---	---	---	---	---	---
25	1,700	1,680	1,750	1,650	1,760	1,690	---	---	---	---	---	---
26	1,700	1,690	1,750	1,680	1,770	1,690	---	---	---	---	---	---
27	1,710	1,690	1,750	1,670	1,770	1,690	---	---	---	---	---	---
28	1,710	1,690	1,760	1,670	1,750	1,690	---	---	---	---	---	---
29	1,710	1,690	1,760	1,740	1,750	1,660	---	---	---	---	---	---
30	1,710	1,690	1,760	1,730	1,710	---	---	---	---	---	---	---
31	---	---	1,760	1,700	---	---	---	---	---	---	---	---
Month	1,710	1,470	1,760	1,640	1,780	---	---	---	---	---	---	---

11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued



11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

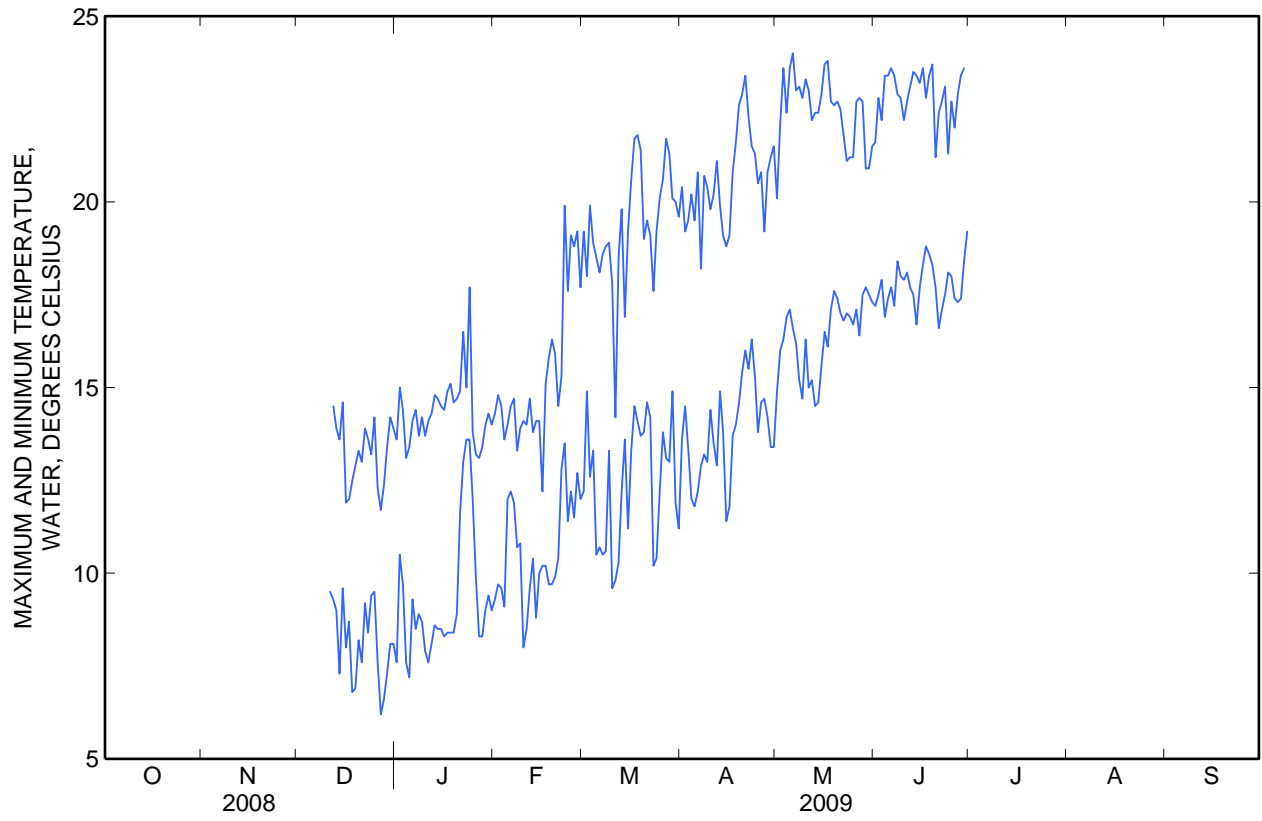
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
1	---	---	---	---	---	---	13.6	7.6	14.3	9.3	19.2	12.2
2	---	---	---	---	---	---	15.0	10.5	14.8	9.7	18.0	14.9
3	---	---	---	---	---	---	14.4	9.7	14.5	9.6	19.9	12.6
4	---	---	---	---	---	---	13.1	7.6	13.6	9.1	18.9	13.3
5	---	---	---	---	---	---	13.4	7.2	14.0	12.0	18.5	10.5
6	---	---	---	---	---	---	14.1	9.3	14.5	12.2	18.1	10.7
7	---	---	---	---	---	---	14.4	8.5	14.7	11.9	18.6	10.5
8	---	---	---	---	---	---	13.7	8.9	13.3	10.7	18.8	10.6
9	---	---	---	---	---	---	14.2	8.7	13.9	10.8	18.9	13.3
10	---	---	---	---	---	---	13.7	7.9	14.1	8.0	17.8	9.6
11	---	---	---	---	---	9.5	14.1	7.6	14.0	8.5	14.2	9.8
12	---	---	---	---	14.5	9.3	14.3	8.1	14.7	9.6	18.5	10.3
13	---	---	---	---	13.9	9.0	14.8	8.6	13.8	10.4	19.8	12.2
14	---	---	---	---	13.6	7.3	14.7	8.5	14.1	8.8	16.9	13.6
15	---	---	---	---	14.6	9.6	14.5	8.5	14.1	10.0	19.2	11.2
16	---	---	---	---	11.9	8.0	14.4	8.3	12.2	10.2	20.6	13.3
17	---	---	---	---	12.0	8.7	14.9	8.4	15.1	10.2	21.7	14.5
18	---	---	---	---	12.5	6.8	15.1	8.4	15.8	9.7	21.8	14.1
19	---	---	---	---	12.9	6.9	14.6	8.4	16.3	9.7	21.4	13.7
20	---	---	---	---	13.3	8.2	14.7	8.9	15.9	9.9	19.0	13.8
21	---	---	---	---	13.0	7.6	14.9	11.6	14.5	10.4	19.5	14.6
22	---	---	---	---	13.9	9.2	16.5	13.0	15.3	12.8	19.1	14.2
23	---	---	---	---	13.6	8.4	15.0	13.6	19.9	13.5	17.6	10.2
24	---	---	---	---	13.2	9.4	17.7	13.6	17.6	11.4	19.2	10.4
25	---	---	---	---	14.2	9.5	13.8	12.0	19.1	12.2	20.1	12.2
26	---	---	---	---	12.3	7.6	13.2	9.9	18.8	11.5	20.6	13.8
27	---	---	---	---	11.7	6.2	13.1	8.3	19.2	12.7	21.7	13.1
28	---	---	---	---	12.4	6.6	13.4	8.3	17.7	12.0	21.3	13.0
29	---	---	---	---	13.4	7.3	14.0	9.0	---	---	20.1	14.9
30	---	---	---	---	14.2	8.1	14.3	9.4	---	---	20.0	11.9
31	---	---	---	---	13.9	8.1	14.0	9.0	---	---	19.6	11.2
Month	---	---	---	---	---	---	17.7	7.2	19.9	8.0	21.8	9.6

11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	20.4	13.6	20.1	14.9	21.6	17.2	---	---	---	---	---	---
2	19.2	14.5	22.1	16.0	22.8	17.5	---	---	---	---	---	---
3	19.5	13.3	23.6	16.3	22.2	17.9	---	---	---	---	---	---
4	20.2	12.0	22.4	16.9	23.4	16.9	---	---	---	---	---	---
5	19.5	11.8	23.6	17.1	23.4	17.4	---	---	---	---	---	---
6	20.8	12.2	24.0	16.6	23.6	17.7	---	---	---	---	---	---
7	18.2	12.9	23.0	16.2	23.4	17.2	---	---	---	---	---	---
8	20.7	13.2	23.1	15.2	22.9	18.4	---	---	---	---	---	---
9	20.4	13.0	22.8	14.7	22.8	18.0	---	---	---	---	---	---
10	19.8	14.4	23.3	16.3	22.2	17.9	---	---	---	---	---	---
11	20.2	13.5	23.0	15.0	22.7	18.1	---	---	---	---	---	---
12	21.1	12.9	22.2	15.2	23.1	17.7	---	---	---	---	---	---
13	19.9	14.9	22.4	14.5	23.5	17.5	---	---	---	---	---	---
14	19.1	13.8	22.4	14.6	23.4	16.7	---	---	---	---	---	---
15	18.8	11.4	22.9	15.6	23.2	17.7	---	---	---	---	---	---
16	19.1	11.8	23.7	16.5	23.6	18.3	---	---	---	---	---	---
17	20.8	13.7	23.8	16.1	22.8	18.8	---	---	---	---	---	---
18	21.6	14.0	22.7	17.1	23.4	18.6	---	---	---	---	---	---
19	22.6	14.6	22.6	17.6	23.7	18.3	---	---	---	---	---	---
20	22.9	15.4	22.7	17.4	21.2	17.7	---	---	---	---	---	---
21	23.4	16.0	22.5	17.0	22.4	16.6	---	---	---	---	---	---
22	22.3	15.5	21.8	16.8	22.7	17.1	---	---	---	---	---	---
23	21.5	16.3	21.1	17.0	23.1	17.5	---	---	---	---	---	---
24	21.3	15.3	21.2	16.9	21.3	18.1	---	---	---	---	---	---
25	20.5	13.8	21.2	16.7	22.7	18.0	---	---	---	---	---	---
26	20.8	14.6	22.7	17.1	22.0	17.4	---	---	---	---	---	---
27	19.2	14.7	22.8	16.4	22.9	17.3	---	---	---	---	---	---
28	20.8	14.2	22.7	17.5	23.4	17.4	---	---	---	---	---	---
29	21.2	13.4	20.9	17.7	23.6	18.4	---	---	---	---	---	---
30	21.5	13.4	20.9	17.5	---	19.2	---	---	---	---	---	---
31	---	---	21.5	17.3	---	---	---	---	---	---	---	---
Month	23.4	11.4	24.0	14.5	---	16.6	---	---	---	---	---	---

11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued



11133000 Santa Ynez River at Narrows, near Lompoc, CA—Continued

CROSS SECTION ANALYSES
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Time	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf μS/cm @ 25 degC (00095)	Temper- ature, water, deg C (00010)	DepthTo bottom at sample loca- tion, feet (81903)	Sam- pling depth, feet (00003)	Stream width, feet (00004)	Loca- tion in X-sect. looking dwnstrm ft from l bank (00009)
Dec											
18...	1300	--	--	--	8.0	1,150	12.1	.38	.19	13.2	1.00
18...	1301	--	--	--	8.1	1,720	12.5	.30	.15	13.2	2.00
18...	1302	--	--	--	8.1	1,700	12.5	.21	.10	13.2	5.00
18...	1303	--	--	--	8.1	1,510	12.6	.40	.20	13.2	7.00
18...	1304	--	--	--	8.1	1,660	12.7	.38	.19	13.2	9.00
18...	1305	--	--	--	8.1	1,670	12.6	.29	.14	13.2	11.0
18...	1306	--	--	--	8.1	1,590	12.3	.24	.12	13.2	13.0
Jan											
15...	0916	--	--	--	7.9	1,770	8.8	.37	.18	19.6	17.9
15...	0917	--	--	--	8.0	1,760	8.7	.88	.44	19.6	14.9
15...	0918	--	--	--	8.0	1,760	8.7	.77	.38	19.6	11.9
15...	0919	--	--	--	8.0	1,760	8.7	.52	.26	19.6	8.90
15...	0920	--	--	--	8.0	1,760	8.7	.45	.22	19.6	5.90
15...	0921	--	--	--	8.0	1,760	8.7	.43	.21	19.6	2.90
Apr											
07...	1116	758	14.0	142	8.1	1,540	15.4	.60	.50	21.0	1.00
07...	1117	758	14.1	142	8.1	1,560	15.4	.80	.50	21.0	3.00
07...	1118	758	14.1	142	8.1	1,550	15.4	1.00	.50	21.0	5.00
07...	1119	758	14.1	142	8.1	1,550	15.4	1.00	.50	21.0	7.00
07...	1120	758	14.1	142	8.1	1,550	15.4	1.22	.50	21.0	9.00
07...	1121	758	14.1	142	8.1	1,550	15.4	1.36	.50	21.0	11.0
07...	1122	758	14.0	142	8.1	1,550	15.5	1.41	.50	21.0	13.0
07...	1123	758	14.0	141	8.1	1,540	15.4	1.60	.50	21.0	15.0
07...	1124	758	13.9	141	8.1	1,560	15.5	1.65	.50	21.0	17.0
07...	1125	758	13.9	141	8.1	1,560	15.5	1.18	.50	21.0	19.0

Note: Instantaneous discharge at the mean time of cross-sectional measurement: Dec. 18, 1.10 ft³/s; Jan. 15, 3.83 ft³/s; Apr. 7, 7.66 ft³/s.