



Water-Data Report 2013

11123500 Santa Ynez River below Los Laureles Canyon, near Santa Ynez, CA

Santa Ynez River Basin

LOCATION.--Lat 34°32'37", long 119°51'50" referenced to North American Datum of 1927, Santa Barbara County, CA, Hydrologic Unit 18060010, in San Marcos Grant, on left bank, 0.3 mi downstream from Los Laureles Canyon Creek, 10 mi downstream from Gibraltar Reservoir, and 13.3 mi east of Santa Ynez.

DRAINAGE AREA.--277 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1947 to current year. Monthly discharge only for some periods, published in WSP 1315-B.

GAGE.--Water-stage recorder. Datum of gage is 787.8 ft above NGVD of 1929.

REMARKS.--No flow for 2013 Water Year. Flow regulated by Jameson Lake and Gibraltar Reservoir (stations 11121000 and 11122000). Water diverted out of basin from these reservoirs to cities of Montecito and Santa Barbara for municipal supply. Low flow affected by intermittent pumping for irrigation from infiltration gallery in riverbed at station. 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, 67,500 ft³/s, Jan. 25, 1969, gage height, 18.88 ft, from rating curve extended above 11,600 ft³/s, on basis of peak flow for station below Gibraltar Dam plus tributary inflow; no flow for many days in most years.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.60	6.41	38.1	204	332	293	126	40.1	11.3	3.58	1.15	0.49
Max	18.8	315	608	2,755	4,250	2,525	1,480	542	201	79.3	15.8	7.57
(WY)	(1984)	(1966)	(1967)	(1969)	(1998)	(1995)	(1958)	(1998)	(1998)	(1998)	(1998)	(1998)
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)	(1948)	(1948)	(1948)	(1948)	(1948)	(2013)	(1951)	(1951)	(1948)	(1948)	(1947)	(1947)

SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1947 - 2013	
Annual total	299.07		0.00			
Annual mean	0.82		0.00		86.8	
Highest annual mean					595 1998	
Lowest annual mean					0.00 2013	
Highest daily mean	20	Apr 14	0.00	Oct 1	33,700	Jan 25, 1969
Lowest daily mean	0.00	May 30	0.00	Oct 1	0.00	Jun 24, 1947
Annual seven-day minimum	0.00	May 30	0.00	Oct 1	0.00	Jul 5, 1947
Maximum peak flow					67,500 Jan 25, 1969	
Maximum peak stage					18.88 Jan 25, 1969	
Annual runoff (ac-ft)	593		0.00		62,880	
10 percent exceeds	2.8		0.00		99	
50 percent exceeds	0.00		0.00		0.20	
90 percent exceeds	0.00		0.00		0.00	

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WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1973-89, 1991 to current year.

CHEMICAL DATA: Water years 1973-89, 1991 to current year.

REMARKS.--No flow for 2013 Water Year.