



Water-Data Report 2007

**11129800 Zaca Creek near Buellton, CA**

Santa Ynez River Basin

LOCATION.--Lat 34°38'55", long 120°11'00" referenced to North American Datum of 1927, Santa Barbara County, CA, Hydrologic Unit 18060010, in San Carlos de Jonata Grant, on left bank, 2 ft upstream from bridge on Frontage Road, 0.9 mi upstream from Dry Creek, 2.4 mi north of Buellton, and 4.0 mi upstream from mouth.

DRAINAGE AREA.--32.8 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--September 1963 to September 1981, October 1989 to September 1992, October 1994 to current year.

CHEMICAL DATA: Water year 1997.

GAGE.--Water-stage recorder. Elevation of gage is 471.54 ft above NGVD of 1929.

REMARKS.--Records good. Gage removed due to bridge construction and flow record estimated (zero flow for all days) from May 8 to Sept. 30, 2007. Small regulation by Zaca Lake, about 15 mi upstream. See schematic diagram of Santa Ynez River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,390 ft<sup>3</sup>/s, Feb. 24, 1969, gage height, 9.20 ft, maximum gage height, 12.59 ft, Feb. 3, 1998; no flow most of each year.

PEAK DISCHARGES FOR CURRENT YEAR.--No flow for entire water year.

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2007, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	0.01	0.05	0.44	3.05	8.47	4.52	1.33	0.45	0.15	0.02	0.01	0.00
<b>Max</b>	0.13	1.22	7.64	32.1	120	40.1	9.75	5.69	2.52	0.42	0.13	0.09
<b>(WY)</b>	(1999)	(1997)	(1997)	(1969)	(1998)	(1995)	(1995)	(1998)	(1998)	(1998)	(1998)	(1998)
<b>Min</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>(WY)</b>	(1964)	(1967)	(1964)	(1968)	(1964)	(1964)	(1964)	(1964)	(1964)	(1964)	(1964)	(1964)

**SUMMARY STATISTICS**

	Calendar Year 2006		Water Year 2007		Water Years 1964 - 2007	
<b>Annual total</b>	161.68		0.00			
<b>Annual mean</b>	0.44		0.00		1.50	
<b>Highest annual mean</b>					11.6 1998	
<b>Lowest annual mean</b>					0.00 1990	
<b>Highest daily mean</b>	67	Apr 5	0.00	Oct 1	598	Feb 3, 1998
<b>Lowest daily mean</b>	0.00	Feb 1	0.00	Oct 1	0.00	Oct 1, 1963
<b>Annual seven-day minimum</b>	0.00	Feb 1	0.00	Oct 1	0.00	Oct 1, 1963
<b>Maximum peak flow</b>			0.00 Oct 1		1,390	Feb 24, 1969
<b>Maximum peak stage</b>					12.59	Feb 3, 1998
<b>Instantaneous low flow</b>			0.00 Oct 1		0.00	Oct 1, 1963
<b>Annual runoff (ac-ft)</b>	321		0.00		1,090	
<b>10 percent exceeds</b>	0.14		0.00		0.74	
<b>50 percent exceeds</b>	0.00		0.00		0.00	
<b>90 percent exceeds</b>	0.00		0.00		0.00	