



Water-Data Report 2008

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 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--September 1963 to September 1981, October 1989 to September 1992, October 1994 to May 8, 2007, April 24, 2008 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 on May 8, 2007, and flow record estimated (zero flow) from Oct. 1 to Dec. 19, 2007, and Apr. 21-23, based on observations. Gage reestablished on Apr. 24, 2008. 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 ft³/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 during period of observation and gage operation.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2008, BY WATER YEAR (WY)

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mean | 0.01 | 0.05 | 0.44 | 3.05 | 8.47 | 4.52 | 1.33 | 0.43 | 0.14 | 0.02 | 0.01 | 0.00 |
| Max | 0.13 | 1.22 | 7.64 | 32.1 | 120 | 40.1 | 9.75 | 5.69 | 2.52 | 0.42 | 0.13 | 0.09 |
| (WY) | (1999) | (1997) | (1997) | (1969) | (1998) | (1995) | (1995) | (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) | (1964) | (1967) | (1964) | (1968) | (1964) | (1964) | (1964) | (1964) | (1964) | (1964) | (1964) | (1964) |

SUMMARY STATISTICS

| | Water Years 1964 - 2008 | |
|---------------------------------|-------------------------|--------------|
| Annual mean | 1.50 | |
| Highest annual mean | 11.6 | 1998 |
| Lowest annual mean | 0.00 | 1990 |
| Highest daily mean | 598 | Feb 3, 1998 |
| Lowest daily mean | 0.00 | Oct 1, 1963 |
| Annual seven-day minimum | 0.00 | Oct 1, 1963 |
| Maximum peak flow | 1,390 | Feb 24, 1969 |
| Maximum peak stage | 12.59 | Feb 3, 1998 |
| Instantaneous low flow | 0.00 | Oct 1, 1963 |
| Annual runoff (ac-ft) | 1,090 | |
| 10 percent exceeds | 0.74 | |
| 50 percent exceeds | 0.00 | |
| 90 percent exceeds | 0.00 | |