



Water-Data Report 2012

11070150 San Jacinto River above State Street, near San Jacinto, CA

Santa Ana River Basin

LOCATION.--Lat 33°49'17", long 116°58'21" referenced to North American Datum of 1927, in NE ¼ SW ¼ sec.15, T.4 S., R.1 W., Riverside County, CA, Hydrologic Unit 18070202, on left bank, 400 ft upstream from State Street Bridge, 2.5 mi northwest of San Jacinto, and 5.5 mi downstream from confluence with Bautista Creek.

DRAINAGE AREA.--252 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1996 to September 2006 (discharge); October 2006 to current year, stage only.

REVISED RECORDS.--WDR CA-00-1: 1998.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 1,500 ft above NGVD of 1929, from topographic map.

REMARKS.--Sand and gravel operations upstream from station may reduce runoff and cause peak attenuation. Flow partly regulated by Lake Hemet. Lake Hemet Municipal Water District's upper canal diverts 4.0 mi upstream from station on San Jacinto River near San Jacinto (station 11069500). See schematic diagram of Santa Ana River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,670 ft³/s, Jan. 11, 2005, gage height, 6.23 ft, from rating curve extended above 5,030 ft³/s; no flow for most of each year.

EXTREMES FOR CURRENT YEAR.--No flow above the detectable stage of 1.96 ft for the entire water year.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2006, BY WATER YEAR (WY)

| | Max | Min |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mean | 0.00 | 0.00 | 0.01 | 20.3 | 21.3 | 5.33 | 13.5 | 7.99 | 0.00 | 0.00 | 0.00 | 0.00 |
| Max | 0.00 | 0.00 | 0.13 | 203 | 114 | 38.9 | 135 | 79.9 | 0.00 | 0.00 | 0.00 | 0.00 |
| (WY) | (1997) | (1997) | (2005) | (2005) | (2005) | (1998) | (1998) | (1998) | (1997) | (1997) | (1997) | (1997) |
| 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) | (1997) | (1997) | (1997) | (1997) | (1997) | (1997) | (1997) | (1997) | (1997) | (1997) | (1997) | (1997) |

SUMMARY STATISTICS

| Water Years 1997 - 2006 | |
|---------------------------------|--------------------|
| Annual mean | 5.60 |
| Highest annual mean | 28.9 1998 |
| Lowest annual mean | 0.00 1999 |
| Highest daily mean | 3,620 Jan 11,, 200 |
| Lowest daily mean | 0.00 Oct 1,, 1996 |
| Annual seven-day minimum | 0.00 Oct 1,, 1996 |
| Maximum peak flow | 8,670 Jan 11,, 200 |
| Maximum peak stage | 6.23 Jan 11,, 200 |
| Annual runoff (ac-ft) | 4,060 |
| 10 percent exceeds | 0.00 |
| 50 percent exceeds | 0.00 |
| 90 percent exceeds | 0.00 |