



Water-Data Report 2007

11046250 San Onofre Creek at San Onofre, CA

San Onofre Creek Basin

LOCATION.--Lat 33°23'02", long 117°34'24" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.14, T.9 S., R.7 W., San Diego County, CA, Hydrologic Unit 18070301, on Camp Joseph H. Pendleton Naval Reservation, on left bank, 0.2 mi north of San Onofre, 0.3 mi upstream from Interstate Highway 5, and 0.5 mi upstream from mouth.

DRAINAGE AREA.--42.2 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1946 to September 1967, January to September 1989, October 1998 to current year. Previous periods of gage operation were at site 250 ft upstream, at different datum.

SEDIMENT DATA: Water years 1982-83, 1989.

GAGE.--Water-stage recorder, crest-stage gage, and concrete road crossing. Elevation of gage is 15 ft above NGVD of 1929, from topographic map.

REMARKS.--No flow for 2007 Water Year. No regulation upstream from station. Detention basins upstream from station for ground-water recharge. Pumping upstream from station for irrigation and water supply.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,370 ft³/s, estimated, Jan. 11, 2005, gage height, 12.46 ft; no flow for all or part of most years.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.14	0.41	2.46	7.08	6.27	3.72	2.38	0.01	0.00	0.00	0.00	0.00
Max	4.16	12.3	63.6	139	123	41.9	62.6	0.23	0.00	0.00	0.00	0.00
(WY)	(2005)	(1966)	(1967)	(2005)	(2005)	(1952)	(1958)	(2005)	(1947)	(1947)	(1947)	(1947)
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)	(1947)	(1947)	(1947)	(1947)	(1947)	(1947)	(1947)	(1947)	(1947)	(1947)	(1947)	(1947)

SUMMARY STATISTICS

[e, estimated]

	Calendar Year 2006		Water Year 2007		Water Years 1947 - 2007	
Annual total	0.00		0.00			
Annual mean	0.00		0.00		1.88	
Highest annual mean					23.6 2005	
Lowest annual mean					0.00 1947	
Highest daily mean	0.00	Jan 1	0.00	Oct 1	1,600	Jan 11, 2005
Lowest daily mean	0.00	Jan 1	0.00	Oct 1	0.00	Oct 1, 1946
Annual seven-day minimum	0.00	Jan 1	0.00	Oct 1	0.00	Oct 1, 1946
Maximum peak flow					e4,370 Jan 11, 2005	
Maximum peak stage					12.46 Jan 11, 2005	
Annual runoff (ac-ft)	0.00		0.00		1,370	
10 percent exceeds	0.00		0.00		0.00	
50 percent exceeds	0.00		0.00		0.00	
90 percent exceeds	0.00		0.00		0.00	