



Water-Data Report 2010

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 September 2010 (discontinued). 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.--Records poor. 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.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 150 ft³/s and (or) maximum (*), based on estimates.

[e, estimated]

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Jan 21	---	^e *839	*12.15

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e0.00	e0.00	e0.00	e0.00	e0.00	e0.06	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
2	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
3	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
4	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
5	e0.00	e0.00	e0.00	e0.00	e1.0	e0.00						
6	e0.00	e0.00	e0.00	e0.00	e95	e0.00						
7	e0.00	e0.00	e10	e0.00	e5.2	e0.00						
8	e0.00	e0.00	e0.61	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
9	e0.00	e0.00	e0.00	e0.00	e1.3	e0.00						
10	e0.00	e0.00	e0.00	e0.00	e0.29	e0.00						
11	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
12	e0.00	e0.00	e6.1	e0.00	e0.00	e0.00	e2.0	e0.00	e0.00	e0.00	e0.00	e0.00
13	e0.00	e0.00	e3.5	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
14	e0.00	e0.00	e0.63	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
15	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
16	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
17	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
18	e0.00	e0.00	e0.00	e11	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
19	e0.00	e0.00	e0.00	e17	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
20	e0.00	e0.00	e0.00	e27	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
21	e0.00	e0.00	e0.00	e200	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
22	e0.00	e0.00	e0.04	e25	e0.00	e0.00	e0.44	e0.00	e0.00	e0.00	e0.00	e0.00
23	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
24	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
25	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
26	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00
27	e0.00	e0.00	e0.00	e0.00	e15	e0.00						
28	e0.00	e0.00	e0.00	e0.00	e1.6	e0.00						
29	e0.00	e0.00	e0.00	e0.00	---	e0.00						
30	e0.00	e0.00	e0.00	e0.00	---	e0.00						
31	e0.00	---	e0.00	e0.00	---	e0.00	---	e0.00	---	e0.00	e0.00	---
Total	0.00	0.00	20.88	280.00	119.39	0.06	2.44	0.00	0.00	0.00	0.00	0.00
Mean	0.00	0.00	0.67	9.03	4.26	0.00	0.08	0.00	0.00	0.00	0.00	0.00
Max	0.00	0.00	10	200	95	0.06	2.0	0.00	0.00	0.00	0.00	0.00
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
Ac-ft	0.00	0.00	41	555	237	0.1	4.8	0.00	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2010, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.13	0.39	2.27	6.71	5.84	3.39	2.17	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)

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SUMMARY STATISTICS

[e, estimated]

	Calendar Year 2009	Water Year 2010	Water Years 1947 - 2010
Annual total	27.71	^e 422.77	
Annual mean	0.08	^e 1.16	1.75
Highest annual mean			23.6 2005
Lowest annual mean			0.00 1947
Highest daily mean	10 Dec 7	^e 200 Jan 21	1,600 Jan 11, 2005
Lowest daily mean	0.00 Jan 1	^e 0.00 Oct 1	0.00 Oct 1, 1946
Annual seven-day minimum	0.00 Jan 1	^e 0.00 Oct 1	0.00 Oct 1, 1946
Maximum peak flow		^e 839 Jan 21	^e 4,370 Jan 11, 2005
Maximum peak stage		12.15 Jan 21	12.46 Jan 11, 2005
Annual runoff (ac-ft)	55	839	1,270
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

