



Water-Data Report 2007

10259050 Palm Canyon Wash near Cathedral City, CA

Salton Sea Basin

LOCATION.--Lat 33°47'47", long 116°28'48" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.29, T.5 S., R.4 E., Riverside County, CA, Hydrologic Unit 18100200, on right bank, 500 ft downstream from Golf Club Drive, 0.4 mi upstream from Whitewater River, and 1.5 mi northeast of Cathedral City.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1988 to current year.

GAGE.--Water-stage recorder, crest-stage gage, and concrete control. Elevation of gage is 330 ft above NGVD of 1929, from topographic map.

REMARKS.--No flow for the entire 2007 Water Year. No regulation upstream from station. Two diversions for domestic use upstream from station on Andreas Creek. See schematic diagram of Salton Sea Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,280 ft³/s, Jan. 16, 1993, gage height, 8.70 ft, from rating curve extended above 1,350 ft³/s, maximum gage height, 9.46 ft, Jan. 11, 2005; no flow for most of each year.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1988 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.49	0.05	0.38	17.0	4.24	5.56	0.62	1.89	1.15	0.13	0.32	0.33
Max	9.68	0.83	6.92	202	35.2	93.3	8.30	18.3	22.1	1.32	1.77	3.13
(WY)	(2006)	(2005)	(2005)	(1993)	(1993)	(1995)	(2005)	(1998)	(1998)	(1999)	(1989)	(2004)
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)	(1988)	(1988)	(1988)	(1988)	(1989)	(1988)	(1988)	(1988)	(1988)	(1988)	(1990)	(1988)

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1988 - 2007	
Annual total	79.30		0.00			
Annual mean	0.22		0.00		2.69	
Highest annual mean					20.4 1993	
Lowest annual mean					0.00 1990	
Highest daily mean	25	Mar 11	0.00	Oct 1	1,700	Jan 16, 1993
Lowest daily mean	0.00	Jan 1	0.00	Oct 1	0.00	Oct 1, 1987
Annual seven-day minimum	0.00	Jan 1	0.00	Oct 1	0.00	Oct 1, 1987
Maximum peak flow					8,280	Jan 16, 1993
Maximum peak stage					9.46	Jan 11, 2005
Annual runoff (ac-ft)	157		0.00		1,950	
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	