



Water-Data Report 2012

10259300 Whitewater River at Indio, CA

Salton Sea Basin

LOCATION.--Lat 33°44'14", long 116°14'07" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.15, T.5 S., R.7 E., Riverside County, CA, Hydrologic Unit 18100200, on right bank of concrete drop structure, 1,000 ft upstream from Monroe Street Bridge, and 1.7 mi northwest of Indio.

DRAINAGE AREA.--1,073 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 1966 to current year.

REVISED RECORDS.--WDR CA-72-1: 1971.

GAGE.--Water-stage recorder and crest-stage gage. Concrete control since Oct. 1, 1979. Elevation of gage is NGVD of 1929, from topographic map. Prior to Oct. 1, 1979, water-stage recorder at site 0.5 mi upstream at different datum. Oct. 1, 1979, to Feb. 17, 1983, and Feb. 18, 1983, to Nov. 18, 1991, at same site at different datums.

REMARKS.--No flow for 2012 Water Year. No regulation upstream from station. Water diverted from tributary streams for municipal supply in vicinity of Palm Springs. Water from the Colorado River Basin is imported for ground-water recharge and irrigation. See schematic diagram of Salton Sea Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,400 ft³/s, Jan. 25, 1969, gage height, 14.41 ft, site and datum then in use, from rating curve extended above 1,300 ft³/s on basis of slope-area measurement at gage height 15.3 ft for flood of Nov. 22, 1965; no flow for all or most of each year.

XTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 2 or 3, 1938, reached a discharge of 29,000 ft³/s, on basis of slope-area measurement, at site 5.0 mi upstream. Flood of Nov. 22, 1965, reached a stage of 15.3 ft, from floodmark, at site and datum used prior to Oct. 1, 1979, discharge, 14,100 ft³/s, on basis of slope-area measurement of peak flow.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.09	0.16	4.12	21.0	10.1	3.48	0.02	0.01	0.01	0.84	0.85	1.90
Max	3.98	4.67	91.5	513	278	56.2	0.31	0.35	0.19	32.1	29.4	86.2
(WY)	(2006)	(2005)	(2011)	(1993)	(1980)	(1978)	(2006)	(1972)	(1968)	(1979)	(1983)	(1976)
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)	(1967)	(1967)	(1968)	(1967)	(1967)	(1966)	(1966)	(1966)	(1966)	(1967)	(1966)	(1966)

SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1966 - 2012	
Annual total	24.27		0.00			
Annual mean	0.07		0.00		3.54	
Highest annual mean					47.4 1993	
Lowest annual mean					0.00 1973	
Highest daily mean	24	Feb 19	0.00	Oct 1	5,000	Jan 16, 1993
Lowest daily mean	0.00	Jan 1	0.00	Oct 1	0.00	Mar 1, 1966
Annual seven-day minimum	0.00	Jan 1	0.00	Oct 1	0.00	Mar 1, 1966
Maximum peak flow			0.00	Oct 1	11,400	Jan 25, 1969
Maximum peak stage					14.41	Jan 25, 1969
Annual runoff (ac-ft)	48		0.00		2,570	
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	