

**10262500 Mojave River at Barstow, CA**

Mojave River Basin

LOCATION.--Lat 34°54'25", long 117°01'19" referenced to North American Datum of 1927, in SW ¼ SE ¼ sec.31, T.10 N., R.1 W., San Bernardino County, CA, Hydrologic Unit 18090208, on left bank, 75 ft upstream from bridge on 1st Avenue (formerly U.S. Highway 91), at Barstow.

DRAINAGE AREA.--1,290 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1930 to current year.

REVISED RECORDS.--WSP 1564: 1932. WDR CA-76-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 2,089.34 ft above NGVD of 1929. Prior to Oct. 31, 2005, at same site at datum 3 ft lower.

REMARKS.--No flow for the entire 2012 water year. Flow regulated by Mojave River Forks Reservoir, capacity, 89,700 acre-ft, since 1971, 60 mi upstream; Silverwood Lake, capacity, 74,970 acre-ft, since 1972; and Lake Arrowhead, capacity, 48,000 acre-ft, since 1922. Some water is imported into basin. Diversions and pumping for irrigation of about 15,000 acres upstream from station. Southern California Water Company releases water from Crook Plant Pumping Station into the river 600 ft upstream of the gage at times in some years. See schematic diagram of Mojave River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 64,300 ft<sup>3</sup>/s, Mar. 3, 1938, gage height, 8.60 ft, at datum then in use, on basis of slope-area measurement of peak flow; no flow for all or most of each year.

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 1970, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	0.00	0.61	5.86	31.3	72.0	127	64.3	7.05	0.00	0.01	0.00	0.01
<b>Max</b>	0.06	20.2	116	747	1,287	1,962	547	93.5	0.00	0.09	0.01	0.24
<b>(WY)</b>	(1959)	(1966)	(1967)	(1969)	(1969)	(1938)	(1941)	(1941)	(1931)	(1958)	(1965)	(1967)
<b>Min</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>(WY)</b>	(1931)	(1931)	(1931)	(1931)	(1931)	(1931)	(1931)	(1931)	(1931)	(1931)	(1931)	(1931)

**SUMMARY STATISTICS**

Water Years 1931 - 1970	
<b>Annual mean</b>	25.4
<b>Highest annual mean</b>	202 1969
<b>Lowest annual mean</b>	0.00 1931
<b>Highest daily mean</b>	18,100 Mar 3, 1938
<b>Lowest daily mean</b>	0.00 Oct 1, 1930
<b>Annual seven-day minimum</b>	0.00 Oct 1, 1930
<b>Maximum peak flow</b>	64,300 Mar 3, 1938
<b>Maximum peak stage</b>	8.60 Mar 3, 1938
<b>Annual runoff (ac-ft)</b>	18,400
<b>10 percent exceeds</b>	0.00
<b>50 percent exceeds</b>	0.00
<b>90 percent exceeds</b>	0.00

## 10262500 Mojave River at Barstow, CA—Continued

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1972 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	0.01	0.00	9.26	50.7	104	67.3	6.62	2.28	0.00	0.01	0.05	0.02
<b>Max</b>	0.19	0.07	379	1,597	1,640	1,264	140	71.5	0.08	0.34	1.31	0.71
<b>(WY)</b>	(2006)	(1983)	(2011)	(2005)	(1993)	(1983)	(1983)	(1983)	(1972)	(2005)	(1979)	(1984)
<b>Min</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>(WY)</b>	(1972)	(1972)	(1973)	(1972)	(1972)	(1972)	(1972)	(1972)	(1973)	(1972)	(1972)	(1972)

## SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1972 - 2012	
<b>Annual total</b>	30.80		0.00			
<b>Annual mean</b>	0.08		0.00		19.6	
<b>Highest annual mean</b>					190	1980
<b>Lowest annual mean</b>					0.00	1981
<b>Highest daily mean</b>	15	Mar 22	0.00	Oct 1	16,300	Jan 11, 2005
<b>Lowest daily mean</b>	0.00	Jan 6	0.00	Oct 1	0.00	Oct 1, 1971
<b>Annual seven-day minimum</b>	0.00	Jan 6	0.00	Oct 1	0.00	Oct 1, 1971
<b>Maximum peak flow</b>					20,500	Jan 11, 2005
<b>Maximum peak stage</b>					5.83	Dec 22, 2010
<b>Annual runoff (ac-ft)</b>	61		0.00		14,180	
<b>10 percent exceeds</b>	0.00		0.00		0.00	
<b>50 percent exceeds</b>	0.00		0.00		0.00	
<b>90 percent exceeds</b>	0.00		0.00		0.00	