



Water-Data Report 2008

## 10256060 Whitewater River at White Water Cutoff, at White Water, CA

Salton Sea Basin

LOCATION.--Lat 33°55'31", long 116°38'07" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec.11, T.3 S., R.3 E., Riverside County, CA, Hydrologic Unit 18100200, on center pier of White Water Cutoff (old Highway 99) bridge, 0.1 mi east of White Water, 0.75 mi downstream from Metropolitan Water District's Colorado River Aqueduct turnout, and 2.0 mi upstream from San Geronio River.

DRAINAGE AREA.--59.1 mi<sup>2</sup>.

### SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1985 to September 1987 and October 1988 to September 1990. Discharge measurements for the period October 1984 to September 1985 available in files of the U.S. Geological Survey. Discharge measurements only, October 1987 to September 1988, October 1990 to current year. Station discontinued as continuous-record site effective Sept. 30, 1993.

CHEMICAL DATA: Water years 1985-96.

GAGE.--None. Datum of station is 1,360 ft above NGVD of 1929, from topographic map.

REMARKS.--Indeterminate stage-discharge relationship. At times, imported water is released to the Whitewater River from the Colorado River Aqueduct at a point 0.75 mi upstream. Water is diverted out of the basin 16.5 mi upstream to powerplants in the San Geronio River Basin and then to an area north of Banning for irrigation. See schematic diagram of Salton Sea Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--(1986-87 and 1989-90). Maximum discharge, 2,020 ft<sup>3</sup>/s, Feb. 15, 1986, gage height, 11.97 ft, from rating curve extended above 900 ft<sup>3</sup>/s; no flow for many days in some years.

| Date         | Time | Discharge,<br>in ft <sup>3</sup> /s |
|--------------|------|-------------------------------------|
| Oct 3, 2007  | 1016 | 56.9                                |
| Nov 6, 2007  | 1048 | 73.8                                |
| Dec 5, 2007  | 1055 | 2.91                                |
| Jan 3, 2008  | 1106 | 5.42                                |
| Feb 6, 2008  | 1345 | 2.54                                |
| Mar 6, 2008  | 0911 | 13.1                                |
| Apr 3, 2008  | 0743 | 26.8                                |
| Apr 21, 2008 | 0943 | 28.4                                |
| Jun 3, 2008  | 1021 | 21.3                                |
| Jun 24, 2008 | 1156 | 14.1                                |
| Jul 30, 2008 | 1226 | 22.4                                |
| Sep 3, 2008  | 1050 | 22.4                                |