



Water-Data Report 2007

11274500 Orestimba Creek near Newman, CA

San Joaquin River Basin

LOCATION.--Lat 37°18'56", long 121°07'27" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.19, T.7 S., R.8 E., Stanislaus County, CA, Hydrologic Unit 18040002, on right bank, 20 ft downstream from bridge at California Aqueduct Siphon, 3 mi downstream from Oso Creek, and 5.5 mi west of Newman.

DRAINAGE AREA.--134 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1932 to current year.

REVISED RECORDS.--WSP 1445: 1932 (instantaneous maximum discharge), 1938 (peaks above base), 1940-41 (instantaneous maximum discharge), 1945, 1951 (instantaneous maximum discharge). WSP 1930: Drainage area, WDR CA-95-3: 1986 (instantaneous maximum discharge).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 216.01 ft above NGVD of 1929. Prior to Oct. 1, 1958, at site 1,080 ft downstream at datum 24.14 ft lower. Oct. 1, 1958, to Aug. 13, 1969, at site 960 ft downstream at datum 27.14 ft lower. Aug. 13, 1969, to Feb. 6, 1984, at site 240 ft upstream, present datum.

REMARKS.--Records good. No storage or diversion upstream from station except for minor stock ponds.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 12,000 ft³/s, Mar. 10, 1995, gage height, 9.51 ft, from rating curve extended above 4,000 ft³/s, on basis of critical depth measurement; no flow for all or part of each year.

PEAK DISCHARGES FOR CURRENT YEAR.--No flow for entire water year.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1932 - 2007, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.00	0.84	11.9	44.3	82.7	46.2	21.4	3.16	0.63	0.11	0.00	0.00
Max	0.00	31.0	181	432	818	345	362	46.9	15.1	5.32	0.05	0.00
(WY)	(1933)	(1951)	(1956)	(1997)	(1998)	(1995)	(1958)	(1983)	(1941)	(1941)	(1958)	(1932)
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)	(1933)	(1933)	(1933)	(1936)	(1935)	(1933)	(1933)	(1933)	(1932)	(1932)	(1932)	(1932)

SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 1932 - 2007	
Annual total	5,027.41		0.00			
Annual mean	13.8		0.00		17.3	
Highest annual mean					89.4 1983	
Lowest annual mean					0.00 1947	
Highest daily mean	593	Apr 5	0.00	Oct 1	4,550	Feb 3, 1998
Lowest daily mean	0.00	Jun 5	0.00	Oct 1	0.00	May 9, 1932
Annual seven-day minimum	0.00	Jun 5	0.00	Oct 1	0.00	May 9, 1932
Maximum peak flow					12,000	Mar 10, 1995
Maximum peak stage					9.51	Mar 10, 1995
Annual runoff (ac-ft)	9,970		0.00		12,520	
10 percent exceeds	29		0.00		19	
50 percent exceeds	0.00		0.00		0.00	
90 percent exceeds	0.00		0.00		0.00	