

AMERICAN RIVER RECORD HIGH FLOWS (Rain Floods) (Top 10) Unregulated Conditions at Fair Oaks (in cubic feet per second)				
Year	Peak Flow	1-Day Mean	3-Day Mean Measure of Design Flow for ARWP Alternatives	Other Mean Flows
February 1986	259,000 cfs Personal Communication w/ ACE, MBK, & USBR	171,000 cfs 1998 ACE (American River Rain Flood Frequency Analysis)	166,000 cfs 1998 ACE	204,000 cfs, 1-Day Mean, 255,000 cfs peak 1987 Folsom Dam Water Control Manual (WCM).
January 1997	298,000 cfs Personal Communication w/, ACE, MBK, & USBR	248,921 cfs 1998 ACE	164,252 cfs 1998 ACE	120,106 cfs, 5-Day Mean, 1998 ACE
December, 1964	260,000 cfs 1987 Folsom WCM	183,240 cfs 1998 ACE	140,339 cfs 1998 ACE	106,436 cfs, 5-Day Mean, 1998 ACE
January, 1862 (flow estimates)	~320, 000 cfs, USBR Paleoflood Report; 265,000 cfs 1941 ACE; ~280,000 cfs. 1983 USBR		~140,000 cfs F.O.R. est. from DWR 1965 report of ACE view of Folsom Reservoir Design Flood	
December 1955	219,000 cfs 1987 Folsom WCM	189,070 cfs 1998 ACE	127,449 cfs 1998 ACE	89,784 cfs, 5-Day Mean, 1998 ACE
November, 1950	180,000 cfs 1987 Folsom WCM	132,000 cfs 1998 ACE	107,500 cfs 1998 ACE	80,940 cfs, 5-Day Mean, 1998 ACE
March, 1928	163,000 cfs 1987 Folsom WCM	119,000 cfs 1998 ACE	98,167 cfs 1998 ACE	73,340 cfs, 5-Day Mean, 1998 ACE
February, 1963	240,000 cfs 1987 Folsom WCM	152,813 cfs 1998 ACE	93,881 cfs 1998 ACE	64,030 cfs, 5-Day Mean, 1998 ACE
March, 1907	156,000 cfs 1987 Folsom WCM	105,000 cfs 1998 ACE	87,833 cfs 1998 ACE	78,500 cfs, 5-Day Mean, 1998 ACE
January, 1909	119,000 cfs 1987 Folsom WCM	98,000 cfs 1998 ACE	87,167 cfs 1998 ACE	70,300 cfs, 5-Day Mean, 1998 ACE

Historic High Flow Table References

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Discharge Rating Curves of American River at Fair Oaks and at Folsom, Leslie Bossen, ACE, August, 1941.

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Folsom Dam Paleoflood Study, Presentation to the National Research Council Workshop on American River Flood Frequencies, "Folsom Dam Peak Discharge Frequency," July 13, 1998.

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Study of the Flooding Potential of the American River, California Department of Water Resources, April 1965.

F.O.R., December 3, 2001