

Water-Data Report 2007

383525121434601 Willow Slough Bypass near Davis, CA

Sacramento River Basin

LOCATION.--Lat 38°35'25", long 121°43'46" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.27, T.9 N., R.2 E., Yolo County, CA, Hydrologic Unit 18020109, at County Road 102, and 3.5 mi northeast of Davis.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 1999 to current year.

REMARKS.--As the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the U.S. Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in low- or flood-flow analyses, depending on the type of data collected.

In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

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DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Discharge, in ft ³ /s	Gage height, in ft
Oct 5, 2006	22.9	5.28
Oct 11, 2006	38.7	5.47
Nov 3, 2006	1.94	4.75
Nov 9, 2006	1.81	4.74
Nov 17, 2006	3.73	4.84
Nov 22, 2006	3.50	4.85
Dec 1, 2006	3.48	4.80
Dec 15, 2006	2.96	4.85
Dec 22, 2006	3.05	4.80
Feb 27, 2007	1.52	4.60
Mar 22, 2007	0.570	4.68
Mar 29, 2007	6.21	4.93
Apr 6, 2007	29.8	5.44
Apr 12, 2007	30.6	5.20
Apr 20, 2007	6.38	4.97
Apr 26, 2007	16.8	5.13
May 4, 2007	26.7	5.34
May 18, 2007	29.0	5.43
May 24, 2007	3.96	4.85
Jun 1, 2007	10.6	5.06
Jun 7, 2007	39.1	5.62
Jun 15, 2007	8.08	4.96
Jun 22, 2007	3.51	4.83
Jun 29, 2007	6.31	4.94
Jul 13, 2007	5.29	4.90
Jul 19, 2007	38.1	5.64
Jul 27, 2007	3.67	4.82
Aug 3, 2007	29.2	5.38
Aug 10, 2007	16.6	5.16
Aug 16, 2007	5.99	4.94
Aug 24, 2007	8.64	5.00
Aug 31, 2007	8.55	5.00
Sep 7, 2007	35.9	5.44
Sep 13, 2007	40.2	5.69
Sep 21, 2007	28.0	5.37
Sep 28, 2007	6.68	4.92