



## StreamStats Data-Collection Station Report

**USGS Station Number** 11425500  
**Station Name** SACRAMENTO R A VERONA CA

[Click here to link to available data on NWIS-Web for this site.](#)

### Descriptive Information

Station Type Streamgage, continuous record  
 Location Lat 38°46'28", long 121°35'50" referenced to North American Datum of 1927, in SW 1/4 NW 1/4 sec.25, T.11 N., R.3 E., Sutter County, CA, Hydrologic Unit 18020161, on left bank, 1.3 mi southeast of Verona, 1.5 mi downstream from Feather River, 6.2 mi east of Knights Landing, and at mile 19.1 upstream from Sacramento.  
 Gage Water-stage recorder and crest-stage gage. Elevation of gage is 40.050 ft above NGVD of 1929. Datum of gage is 3.00 ft below NGVD of 1929. May 1926 to Sept. 30, 1987, at site 0.5 mi upstream at same datum.  
 Regulation and Diversions Storage and power regulation.  
 Large diversions above station for irrigation use; considerable return water from irrigation. Flood flows bypass station over Fremont weir about 5 miles upstream.  
 Regulated? Unknown  
 Period of Record  
 Remarks  
 Latitude (degrees NAD83) 38.77434584  
 Longitude (degrees NAD83) -121.59829276  
 Hydrologic unit code 18020109  
 County -  
 HCDN2009 No

### Physical Characteristics

Characteristic Name	Value	Units	Citation Number
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#### Descriptive Information

Datum_of_Latitude_Longitude	NAD83	dimensionless	<a href="#">30</a>
District_Code	06	dimensionless	<a href="#">30</a>
Begin_date_of_record	10/1/1929	days	<a href="#">41</a>
End_date_of_record	9/30/2003	days	<a href="#">41</a>
Number_of_days_of_record	27028	days	<a href="#">41</a>
Number_of_days_GT_0	27028	days	<a href="#">41</a>

#### Basin Dimensional Characteristics

Drainage_Area	21251	square miles	<a href="#">30</a>
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### Streamflow Statistics

Statistic Name	Value	Units	Citation Number	Years of Record	Standard Error, percent	Variance log-10	Lower 95% Confidence Interval	Upper 95% Confidence Interval	Start Date	End Date	Remarks
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#### Flow-Duration Statistics

1_Percent_Duration	67300	cubic feet per second	<a href="#">325</a>	Y	86				10/1/1929	9/30/2015	
2_Percent_Duration	63700	cubic feet per second	<a href="#">325</a>	Y	86				10/1/1929	9/30/2015	
3_Percent_Duration	61100	cubic feet per second	<a href="#">325</a>	Y	86				10/1/1929	9/30/2015	
5_Percent_Duration	57200	cubic feet per second	<a href="#">325</a>	Y	86				10/1/1929	9/30/2015	
10_Percent_Duration	45000	cubic feet per second	<a href="#">325</a>	Y	86				10/1/1929	9/30/2015	

15_Percent_Duration	33700	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
20_Percent_Duration	26700	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
25_Percent_Duration	22100	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
30_Percent_Duration	19100	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
35_Percent_Duration	16800	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
40_Percent_Duration	15400	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
45_Percent_Duration	14100	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
50_Percent_Duration	13100	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
55_Percent_Duration	12200	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
60_Percent_Duration	11300	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
65_Percent_Duration	10600	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
70_Percent_Duration	9790	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
75_Percent_Duration	9000	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
80_Percent_Duration	8170	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
85_Percent_Duration	7350	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
90_Percent_Duration	6460	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
95_Percent_Duration	4810	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
97_Percent_Duration	3590	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
98_Percent_Duration	2960	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
99_Percent_Duration	2020	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
<b>Annual Flow Statistics</b>						
Mean_Annual_Flow	18900	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
Stand_Dev_of_Mean_Annual_Flow	7450	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
Maximum_Annual_Mean_Flow	39200	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
Minimum_Annual_Mean_Flow	6290	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
<b>General Flow Statistics</b>						
Minimum_daily_flow	304	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
Maximum_daily_flow	95600	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
Std_Dev_of_daily_flows	15600	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
Average_daily_streamflow	19249.765	cubic feet per second	<a href="#">41</a>	Y	75	
Harmonic_Mean_Streamflow	10600	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
Mean_of_Logs_of_Daily_Values	4.154989	Log base 10	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
Std_Dev_of_Logs_of_Daily_Values	0.324902	Log base 10	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
Skew_of_Logs_of_Daily_Values	-0.018985	Log base 10	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
Non_Zero_Adjusted_Harmonic_Mean_Flow	10600	cubic feet per second	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015
<b>Base Flow Statistics</b>						
Number_of_years_to_compute_BFI	74	years	<a href="#">42</a>	Y	75	
Average_BFI_value	0.818	dimensionless	<a href="#">42</a>	Y	75	
Std_dev_of_annual_BFI_values	0.062	dimensionless	<a href="#">42</a>	Y	75	
<b>Probability Statistics</b>						
Probability_flow_durations_are_zero	0	dimensionless	<a href="#">325</a>	Y	86	10/1/1929 9/30/2015

**Citations**

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<b>Citation Number</b>	<b>Citation Name and URL</b>
30	<a href="#">Imported from NWIS file</a>
41	<a href="#">Wolock, D.M., 2003, Flow characteristics at U.S. Geological Survey streamgages in the conterminous United States: U.S. Geological Survey Open-File Report 03-146, digital data set</a>
42	<a href="#">Wolock, D.M., 2003, Base-flow index grid for the conterminous United States: U.S. Geological Survey Open-File Report 03-263, digital data set</a>
325	<a href="#">Granato G.E., Ries, K.G., III, and Steeves, P.A., 2017, Compilation of streamflow statistics calculated from daily mean streamflow data collected during water years 1901-2015 for selected U.S. Geological Survey streamgages: U.S. Geological Survey Open-File Report 2017-1108, 17 p.</a>

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