StreamStats Data-Collection Station Report

USGS Station Number	**11389500**
Station Name	**SACRAMENTO R A COLUSA CA**

Click here to link to available data on NWIS-Web for this site.

Descriptive Information

Station Type	Streamgage, continuous record
Location	Lat 39°12'51", long 121°59'57" referenced to North American Datum of 1927, Colusa County, CA, Hydrologic Unit 18020104, at northeast end of Jimeno Land Grant, on right bank, 60 ft downstream from bridge on River Road in Colusa, and at mile 89.4 upstream from Sacramento.
Gage	Water-stage recorder and crest-stage gage. Datum of gage is 2.95 ft below NGVD of 1929. Prior to December 1930, water-stage recorder in center fender pier 50 ft upstream from bridge at same datum.
Regulation and Diversions	Power development on tributaries and main stream and numerous reservoirs. Large diversions above station for irrigation.
Regulated?	Unknown
Period of Record	
Remarks	
Latitude (degrees NAD83)	39.21405663
Longitude (degrees NAD83)	-122.00025075
Hydrologic unit code	18020104
County	-
HCDN2009	No

Physical Characteristics

Characteristic Name	Value	Units	Citation Number
Descriptive Information			
Datum_of_Latitude_Longitude	NAD83	dimensionless	30
District_Code	06	dimensionless	30
Begin_date_of_record	4/11/1921	days	41
End_date_of_record	9/30/2003	days	41
Number_of_days_of_record	26541	days	41
Number_of_days_GT_0	26541	days	41
Basin Dimensional Characteristics			
Drainage_Area	12090	square miles	30

Streamflow Statistics

Statistic Name	Value	Units	Citation Number	Preferred?	Years of Record	Standard Error, percent	Variance log-10	Lower 95% Confidence Interval	Upper 95% Confidence Interval	Start Date	End Date	Remarl
Flow-Duration Statistics												
1_Percent_Duration	42200	cubic feet per second	325	Y	75					10/1/1940	9/30/2015	
2_Percent_Duration	39500	cubic feet per second	325	Y	75					10/1/1940	9/30/2015	
3_Percent_Duration	37200	cubic feet per second	325	Y	75					10/1/1940	9/30/2015	
5_Percent_Duration	33700	cubic feet per second	325	Y	75					10/1/1940	9/30/2015	
10_Percent_Duration	23900	cubic feet per second	325	Y	75					10/1/1940	9/30/2015	
15_Percent_Duration	17900	cubic feet per	325	Y	75					10/1/1940	9/30/2015	

		second				
20_Percent_Duration	14000	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
25_Percent_Duration	11800	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
30_Percent_Duration	10600	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
35_Percent_Duration	9830	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
40_Percent_Duration	9210	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
45_Percent_Duration	8650	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
50_Percent_Duration	8180	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
55_Percent_Duration	7770	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
60_Percent_Duration	7400	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
65_Percent_Duration	7050	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
70_Percent_Duration	6680	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
75_Percent_Duration	6300	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
80_Percent_Duration	5900	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
85_Percent_Duration	5500	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
90_Percent_Duration	5060	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
95_Percent_Duration	4450	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
97_Percent_Duration	4060	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
98_Percent_Duration	3790	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
99_Percent_Duration	3180	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
Annual Flow Statistics						
Mean_Annual_Flow	11400	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
Stand_Dev_of_Mean_Annual_Flow	3830	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
Maximum_Annual_Mean_Flow	21800	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
Minimum_Annual_Mean_Flow	4940	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
General Flow Statistics						
Minimum_daily_flow	2220	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
Maximum_daily_flow	51300	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
Std_Dev_of_daily_flows	8680	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
Average_daily_streamflow	10516.755	cubic feet per second	41	Y	73	
Harmonic_Mean_Streamflow	8050	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
Mean_of_Logs_of_Daily_Values	3.968773	Log base 10	325	Y	75	10/1/1940 9/30/2015
Std_Dev_of_Logs_of_Daily_Values	0.253773	Log base 10	325	Y	75	10/1/1940 9/30/2015
Skew_of_Logs_of_Daily_Values	0.873027	Log base 10	325	Y	75	10/1/1940 9/30/2015
Non_Zero_Adjusted_Harmonic_Mean_Flow	8050	cubic feet per second	325	Y	75	10/1/1940 9/30/2015
Base Flow Statistics						
Number_of_years_to_compute_BFI	72	years	42	Y	73	
Average_BFI_value	0.827	dimensionless	42	Y	73	
Std_dev_of_annual_BFI_values	0.065	dimensionless	42	Y	73	
Probabillity Statistics						
Probability_flow_durations_are_zero	0	dimensionless	325	Y	75	10/1/1940 9/30/2015

Citations

Citation Number	*Citation Name and URL*
30	Imported from NWIS file
41	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
42	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
325	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.