

Water-Data Report 2012

11295300 North Fork Stanislaus River below Beaver Creek, near Hathaway Pines, CA

San Joaquin River Basin

LOCATION.--Lat 38°12'26", long 120°18'58" referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.10, T.4 N., R.15 E., Calaveras County, CA, Hydrologic Unit 18040010, Stanislaus National Forest, at confluence with Beaver Creek, and 2.8 mi northeast of Hathaway Pines.

DRAINAGE AREA.--196 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--February 1990 to current year.

REVISED RECORDS.--WDR CA-91-3: 1990, WDR CA-11: 2009, 2011.

GAGE.--Discharge computed as the sum of North Fork Stanislaus River below McKays Point Dam (station 11295270) and Beaver Creek below diversion dam (station 11295230). Elevation of gage is 2,230 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records were collected by Northern California Power Agency, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2409.

REMARKS.--Records consist of release and spill from McKays Point Reservoir (station 11295260) and Beaver Creek Diversion Reservoir (station 11295220). See schematic diagram of Stanislaus River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 25,200 ft³/s, Jan. 2, 1997; minimum daily, 5.1 ft³/s, Dec. 22, 1994.

11295300 North Fork Stanislaus River below Beaver Creek, near Hathaway Pines, CA—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e31	28	28	28	38	37	38	38	37	29	28	28
2	e31	28	28	28	38	37	37	38	38	29	28	28
3	e32	28	28	28	38	40	37	37	37	29	28	28
4	e32	29	31	28	37	45	37	38	37	29	28	e33
5	e61	29	33	28	36	50	37	38	38	28	28	e32
6	e36	30	31	28	36	43	37	37	38	28	28	e32
7	e34	29	29	28	36	38	37	37	37	28	28	e32
8	e34	30	29	28	36	38	37	37	37	28	28	e32
9	e33	30	29	28	36	38	42	37	38	28	28	e32
10	e31	29	29	28	36	38	38	37	37	28	28	e32
11	e36	30	29	28	37	38	38	37	36	28	28	e32
12	e33	33	29	28	37	38	37	37	35	28	28	e31
13	e30	32	29	28	37	38	37	38	34	28	28	e30
14	e31	31	29	28	37	38	37	38	34	28	28	e30
15	e30	30	29	29	38	38	37	38	34	28	28	e30
16	e29	30	29	28	37	117	37	37	33	28	28	e31
17	e28	29	28	28	36	196	37	37	32	28	28	e29
18	e29	30	28	29	37	37	37	37	32	28	28	28
19	28	31	28	29	37	37	37	37	32	28	28	28
20	29	31	28	37	37	37	53	37	31	28	28	28
21	28	31	29	472	36	37	40	37	31	28	28	29
22	28	30	29	53	37	37	38	38	31	28	28	28
23	28	30	30	53	39	37	38	38	31	28	28	28
24	28	30	29	48	42	37	37	38	31	28	28	28
25	28	30	29	47	43	38	37	38	31	28	28	28
26	28	30	29	46	38	37	1,130	37	31	28	28	28
27	28	30	29	45	38	37	180	38	30	28	28	28
28	28	30	28	40	37	37	61	37	30	28	28	28
29	28	29	28	38	37	38	38	37	30	28	28	28
30	28	29	28	38	---	37	69	38	29	28	28	28
31	28	---	28	38	---	38	---	38	---	28	28	---
Total	966	896	897	1,490	1,084	1,428	2,432	1,161	1,012	872	868	887
Mean	31.2	29.9	28.9	48.1	37.4	46.1	81.1	37.5	33.7	28.1	28.0	29.6
Max	61	33	33	472	43	196	1,130	38	38	29	28	33
Min	28	28	28	28	36	37	37	37	29	28	28	28
Ac-ft	1,920	1,780	1,780	2,960	2,150	2,830	4,820	2,300	2,010	1,730	1,720	1,760

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	30.3	31.6	75.6	155	67.2	80.3	86.0	157	97.0	33.1	29.5	29.2
Max	43.1	42.3	503	2,233	279	533	407	662	826	64.6	36.7	34.7
(WY)	(2011)	(1999)	(2006)	(1997)	(2006)	(1995)	(2006)	(2005)	(2011)	(2011)	(1998)	(1998)
Min	25.9	25.7	23.0	23.7	27.0	33.4	36.1	34.7	27.7	27.0	26.1	25.9
(WY)	(1991)	(1991)	(1991)	(1991)	(1991)	(1990)	(1990)	(1992)	(1992)	(2004)	(1990)	(1990)

11295300 North Fork Stanislaus River below Beaver Creek, near Hathaway Pines, CA—Continued

SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1990 - 2012	
Annual total	52,687		13,993			
Annual mean	144		38.2		74.0	
Highest annual mean					275	1997
Lowest annual mean					31.7	1992
Highest daily mean	2,420	Jun 29	1,130	Apr 26	25,200	Jan 2, 1997
Lowest daily mean	28	Sep 21	28	Oct 17	5.1	Dec 22, 1994
Annual seven-day minimum	28	Oct 21	28	Oct 21	20	Oct 11, 2004
Annual runoff (ac-ft)	104,500		27,760		53,620	
10 percent exceeds	326		38		55	
50 percent exceeds	44		31		36	
90 percent exceeds	29		28		27	

