Water-Data Report 2013

11413320 Deadwood Creek near Strawberry Valley, CA

Sacramento River Basin

LOCATION.--Lat 39°33′00″, long 121°05′36″ referenced to North American Datum of 1927, in SW ¼ SW ¼ sec.33, T.20 N., R.8 E., Yuba County, CA, Hydrologic Unit 18020125, in Plumas National Forest, on right bank, 250 ft upstream of confluence with Owl Gulch, and 1.3 mi southeast of Strawberry Valley.

DRAINAGE AREA.--3.16 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1994 to September 2005, October 2006 to current year.

GAGE.--Water-stage recorder and 120° V-notch weir. Elevation of gage is 3,275 ft above NGVD of 1929, from topographic map.

COOPERATION.--Records, including diversion to Deadwood Creek Powerplant (station 11413326), provided by Yuba County Water Agency, under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 6780.

REMARKS.--Water from creek is diverted at gage to Deadwood Creek Powerplant. See schematic diagram of North and Middle Yuba River Basins available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 400 ft^3/s, Jan. 1, 1997; minimum daily, 1.7 ft^3/s, several days in February and March 1997.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 11413320, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/11413320.2013.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.7	4.6	37	2.8	3.1	3.1	3.1	3.1	5.0	4.1	3.0	2.5
2	2.7	3.2	77	2.8	3.1	3.1	3.1	3.1	5.0	4.0	3.0	3.6
3	2.7	3.1	23	2.9	3.1	3.1	3.1	3.1	5.0	3.9	2.9	3.3
4	2.7	3.0	18	2.9	3.1	3.1	3.1	3.1	4.8	3.9	2.9	2.9
5	2.8	3.1	22	2.9	3.1	3.1	3.1	3.1	4.5	3.8	2.9	2.8
6	2.8	3.0	16	2.9	3.1	4.9	3.1	3.1	4.4	3.8	2.8	2.7
7	2.9	3.0	14	3.0	3.1	3.0	3.1	3.1	4.0	3.8	2.8	2.7
8	2.9	3.1	12	3.0	3.1	3.0	3.1	3.1	4.0	3.7	2.8	2.6
9	2.9	3.3	11	3.1	3.1	3.0	3.1	3.1	4.2	3.7	2.8	2.6
10	2.9	3.3	10	3.1	3.1	3.0	3.1	3.1	4.3	3.6	2.8	2.5
11	2.9	3.2	9.7	3.1	3.1	3.0	3.1	3.1	4.4	3.6	2.8	2.6
12	3.0	3.1	9.9	3.1	3.1	3.0	3.1	3.1	4.3	3.6	2.8	2.5
13	3.0	3.1	9.3	3.1	3.1	3.1	3.1	3.1	4.2	3.5	2.7	2.5
14	3.0	3.1	8.9	3.1	3.1	3.1	3.1	3.1	4.2	3.5	2.7	2.5
15	3.0	3.1	8.6	3.1	3.1	3.1	3.1	3.1	4.2	3.5	2.7	2.4
16	3.0	3.2	9.4	3.1	3.1	3.1	3.1	3.1	4.1	3.5	2.7	2.4
17	2.9	15	22	3.1	3.1	3.1	3.1	3.1	4.1	3.4	2.6	2.4
18	2.9	13	15	3.1	3.1	3.1	3.1	3.1	4.1	3.4	2.6	2.4
19	2.9	5.6	13	3.1	3.1	3.1	3.1	3.1	4.1	3.3	2.6	2.3
20	2.9	6.7	8.0	3.1	3.1	4.4	3.1	3.0	4.1	3.3	2.6	2.3
21	3.0	16	3.3	3.1	3.1	3.0	3.1	3.0	4.0	3.3	2.6	3.3
22	8.2	7.8	4.2	3.1	3.1	2.9	3.1	3.1	4.0	3.2	2.6	2.8
23	7.5	5.5	11	4.6	3.1	2.9	3.1	3.1	4.0	3.2	2.5	2.6
24	5.4	4.8	11	7.4	3.1	3.0	3.1	4.3	4.5	3.2	2.5	2.6
25	3.9	4.3	4.2	3.1	3.1	3.1	3.1	4.9	8.9	3.1	2.5	2.5
26	3.3	4.1	3.7	3.1	3.1	3.1	3.1	4.8	5.3	3.1	2.5	2.5
27	3.1	4.1	5.0	3.1	3.1	3.1	3.1	5.0	4.7	3.2	2.5	2.5
28	3.0	6.6	2.9	3.1	3.1	3.1	3.1	5.4	4.5	3.2	2.4	2.5
29	3.0	11	2.9	3.1	---	3.1	3.1	5.3	4.3	3.1	2.4	2.5
30	3.0	52	2.8	3.1	---	3.1	3.1	5.2	4.2	3.0	2.4	2.8
31	3.2	---	2.8	3.1	---	3.1	---	5.1	---	3.0	2.5	---
Total	104.1	208.0	407.6	100.3	86.8	98.0	93.0	111.1	135.4	107.5	82.9	79.1
Mean	3.36	6.93	13.1	3.24	3.10	3.16	3.10	3.58	4.51	3.47	2.67	2.64
Max	8.2	52	77	7.4	3.1	4.9	3.1	5.4	8.9	4.1	3.0	3.6
Min	2.7	3.0	2.8	2.8	3.1	2.9	3.1	3.0	4.0	3.0	2.4	2.3
Ac-ft	206	413	808	199	172	194	184	220	269	213	164	157
Diversion, in acre-feet, to Deadwood Creek Powerplant												
	0.00	0.00	652	844	540	496	366	124	0.00	0.00	0.00	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	3.60	4.12	6.33	7.67	7.49	6.13	4.04	4.08	3.55	3.43	3.41	3.16
Max	5.88	6.93	17.7	42.4	20.3	22.8	12.5	10.7	5.16	4.16	7.17	5.49
(WY)	(2012)	(2013)	(1997)	(1997)	(1998)	(1995)	(2011)	(1995)	(2007)	(1997)	(2011)	(2011)
Min	2.04	2.89	2.75	3.12	2.82	2.69	2.60	2.60	2.54	2.57	2.04	1.82
(WY)	(1995)	(2010)	(1998)	(2011)	(2002)	(2004)	(2008)	(2002)	(1999)	(1999)	(2008)	(2008)

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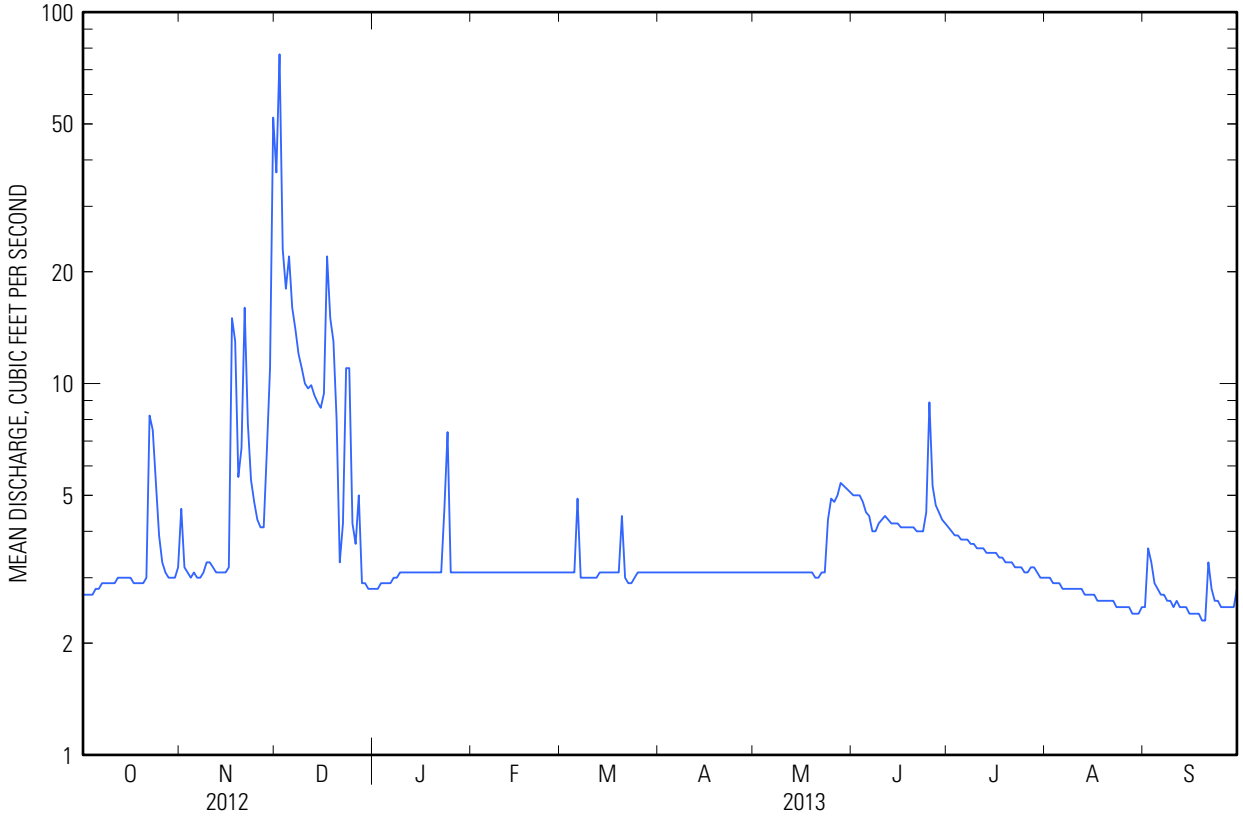
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1995 - 2013	
Annual total	1,929.0		1,613.8			
Annual mean	5.27		4.42		4.74	
Highest annual mean					8.23	1997
Lowest annual mean					2.95	2002
Highest daily mean	77	Dec 2	77	Dec 2	400	Jan 1, 1997
Lowest daily mean	2.7	Sep 28	2.3	Sep 19	1.7	Feb 24, 1997
Annual seven-day minimum	2.7	Sep 28	2.4	Sep 14	1.7	Feb 23, 1997
Annual runoff (ac-ft)	3,830		3,200		3,440	
Total diversion (ac-ft)[a]	4,000		3,020		6,350	
10 percent exceeds	8.6		5.4		6.4	
50 percent exceeds	3.5		3.1		3.1	
90 percent exceeds	2.9		2.7		2.6	

[a] Diversion, in acre-feet, to Deadwood Creek Powerplant (station 11413326).