Water-Data Report 2013

11367500 McCloud River near McCloud, CA

Sacramento River Basin

LOCATION.--Lat 41°11′18″, long 122°03′52″ referenced to North American Datum of 1927, in NW ¼ NE ¼ sec.34, T.39 N., R.2 W., Siskiyou County, CA, Hydrologic Unit 18020004, on right bank, 0.4 mi downstream from Angel Creek, and 6 mi southeast of McCloud.

DRAINAGE AREA.--358 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1931 to current year.

REVISED RECORDS.--WSP 843: 1936 (instantaneous maximum discharge). WSP 1445: 1940 (instantaneous maximum discharge). WSP 1931: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 2,711.2 ft above NGVD of 1929, from river-profile map.

COOPERATION.--Records were collected by Pacific Gas and Electric Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 2106.

REMARKS.--Two small diversions upstream from station for irrigation and one 22-in. pipeline for town of McCloud. See schematic diagram of Pit River and McCloud River Basins available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15,400 ft^3/s, Jan. 1, 1997, gage height, 11.22 ft, from rating curve extended above 8,800 ft^3/s on basis of slope-area measurement of peak flow; minimum daily, 524 ft^3/s, Nov. 23, 24, 1932.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,500 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Dec 2	1200	*5,480	*6.21

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 11367500, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/11367500.2013.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	812	811	2,450	833	826	804	1,050	839	785	796	732	722
2	812	807	4,160	831	821	813	1,050	831	785	788	731	722
3	812	806	1,950	829	818	818	1,020	828	784	785	731	721
4	812	805	1,500	828	819	827	1,040	827	782	782	730	721
5	812	801	1,480	828	821	838	1,210	827	780	780	727	721
6	812	799	1,310	826	822	879	1,250	827	780	777	724	721
7	812	798	1,190	820	827	869	1,310	835	778	772	722	721
8	812	800	1,110	817	821	854	1,280	836	775	769	722	722
9	812	803	1,050	823	817	846	1,140	830	772	769	723	722
10	812	797	1,010	826	817	837	1,080	825	770	767	722	722
11	812	796	986	818	815	835	1,050	817	771	765	722	722
12	812	796	976	816	813	844	1,020	812	770	764	722	721
13	812	796	951	808	812	849	1,000	808	769	764	721	721
14	812	796	934	809	812	861	981	807	769	764	721	721
15	811	796	922	814	813	879	963	806	769	762	721	721
16	811	796	910	812	815	887	945	807	769	754	721	721
17	810	825	923	811	817	891	929	810	768	754	721	722
18	809	820	914	809	816	885	916	804	768	753	721	722
19	809	812	891	805	818	885	900	796	768	753	721	721
20	809	849	888	802	814	1,020	896	801	767	753	721	723
21	808	1,170	900	802	810	1,190	889	800	766	745	723	746
22	814	939	890	802	805	1,060	879	797	765	736	727	730
23	813	866	884	807	807	1,000	875	796	766	735	726	724
24	815	842	874	828	802	973	867	796	785	735	726	722
25	812	830	862	834	801	959	861	796	797	735	725	721
26	810	823	861	843	801	974	857	795	1,010	734	725	721
27	808	816	851	847	801	993	855	796	917	733	724	721
28	807	824	848	837	801	1,020	853	800	842	732	723	721
29	807	950	845	832	---	1,030	846	800	818	732	722	724
30	807	1,940	842	828	---	1,010	843	795	804	732	722	727
31	809	---	834	828	---	1,030	---	788	---	732	722	---
Total	25,137	26,109	35,996	25,453	22,782	28,460	29,655	25,132	23,749	23,452	22,441	21,687
Mean	811	870	1,161	821	814	918	988	811	792	757	724	723
Max	815	1,940	4,160	847	827	1,190	1,310	839	1,010	796	732	746
Min	807	796	834	802	801	804	843	788	765	732	721	721
Ac-ft	49,860	51,790	71,400	50,490	45,190	56,450	58,820	49,850	47,110	46,520	44,510	43,020

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1931 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	772	792	869	904	968	1,048	1,129	1,132	955	841	802	781
Max	1,030	1,569	1,879	2,348	2,155	2,220	1,896	2,182	1,574	1,219	1,101	1,059
(WY)	(1984)	(1974)	(1956)	(1970)	(1958)	(1983)	(1974)	(1938)	(1998)	(1983)	(1983)	(1983)
Min	536	537	534	539	549	568	674	606	574	561	556	544
(WY)	(1933)	(1933)	(1933)	(1933)	(1933)	(1935)	(1994)	(1992)	(1992)	(1934)	(1992)	(1932)

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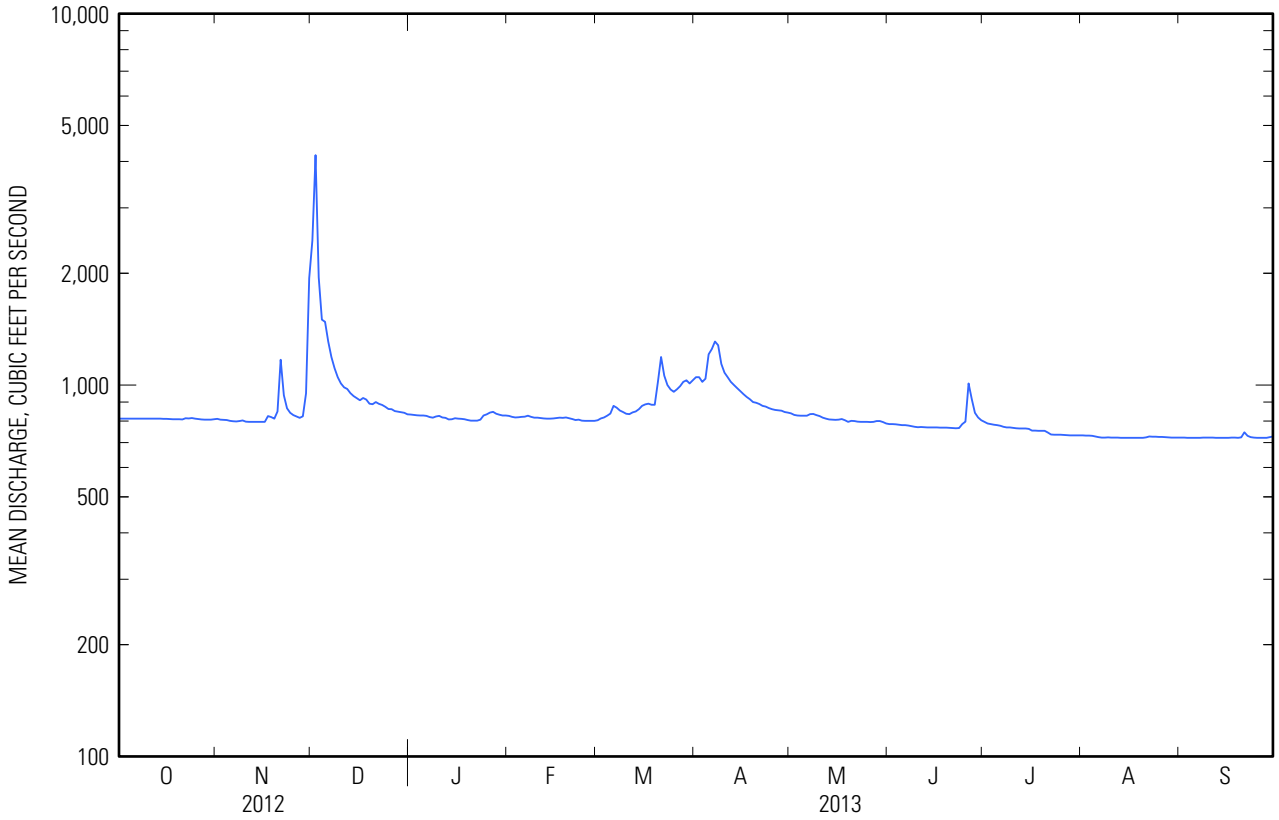
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1931 - 2013	
Annual total	346,934		310,053			
Annual mean	948		849		918	
Highest annual mean					1,406	1974
Lowest annual mean					589	1992
Highest daily mean	4,160	Dec 2	4,160	Dec 2	11,900	Jan 1, 1997
Lowest daily mean	796	Nov 11	721	Aug 13	524	Nov 23, 1932
Annual seven-day minimum	796	Nov 10	721	Aug 13	528	Nov 20, 1932
Maximum peak flow			5,480	Dec 2	15,400	Jan 1, 1997
Maximum peak stage			6.21	Dec 2	11.22	Jan 1, 1997
Annual runoff (ac-ft)	688,100		615,000		664,800	
10 percent exceeds	1,170		983		1,250	
50 percent exceeds	855		811		843	
90 percent exceeds	812		722		640