Water-Data Report 2013

13310199 MIDDLE FORK SALMON RIVER AT MOUTH NEAR SHOUP, ID

Salmon Basin
Lower Middle Fork Salmon Subbasin

LOCATION.--Lat 45°17′37″, long 114°35′47″ referenced to North American Datum of 1983, in SE ¼ NE ¼ sec.28, T.23 N., R.15 E., Lemhi County, ID, Hydrologic Unit 17060206, Long Tom Mountain quad., on right bank, about 0.3 mi upstream from mouth.

DRAINAGE AREA.--2,876 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1993 to current year.

REVISED RECORDS.--WDR-ID-99-2: 1994, 1995, 1996, 1997. WDR-US-2010: Drainage area.

GAGE.--Water-stage recorder. Elevation of gage is 3,040 ft above NGVD of 1929, from topographic map.

REMARKS.--Records are good between 600-10,000 ft^3/s, fair below 600 ft^3/s and between 10,000-15,000 ft^3/s, and poor above 15,000 ft^3/s. Estimated daily discharges are poor. Station equipment includes satellite telemetry. No regulation.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 28,600 ft^3/s May 17, 1997; minimum discharge, 263 ft^3/s Nov. 30, 2004, gage height, 29.71 ft; minimum daily, 349 ft^3/s Dec. 9, 2002, Nov. 30, 2004.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 17,500 ft^3/s May 14, gage height, 41.30 ft; minimum daily, 634 ft^3/s Jan 12.

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 13310199, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/13310199.2013.pdf

13310199 MIDDLE FORK SALMON RIVER AT MOUTH NEAR SHOUP, ID—Continued

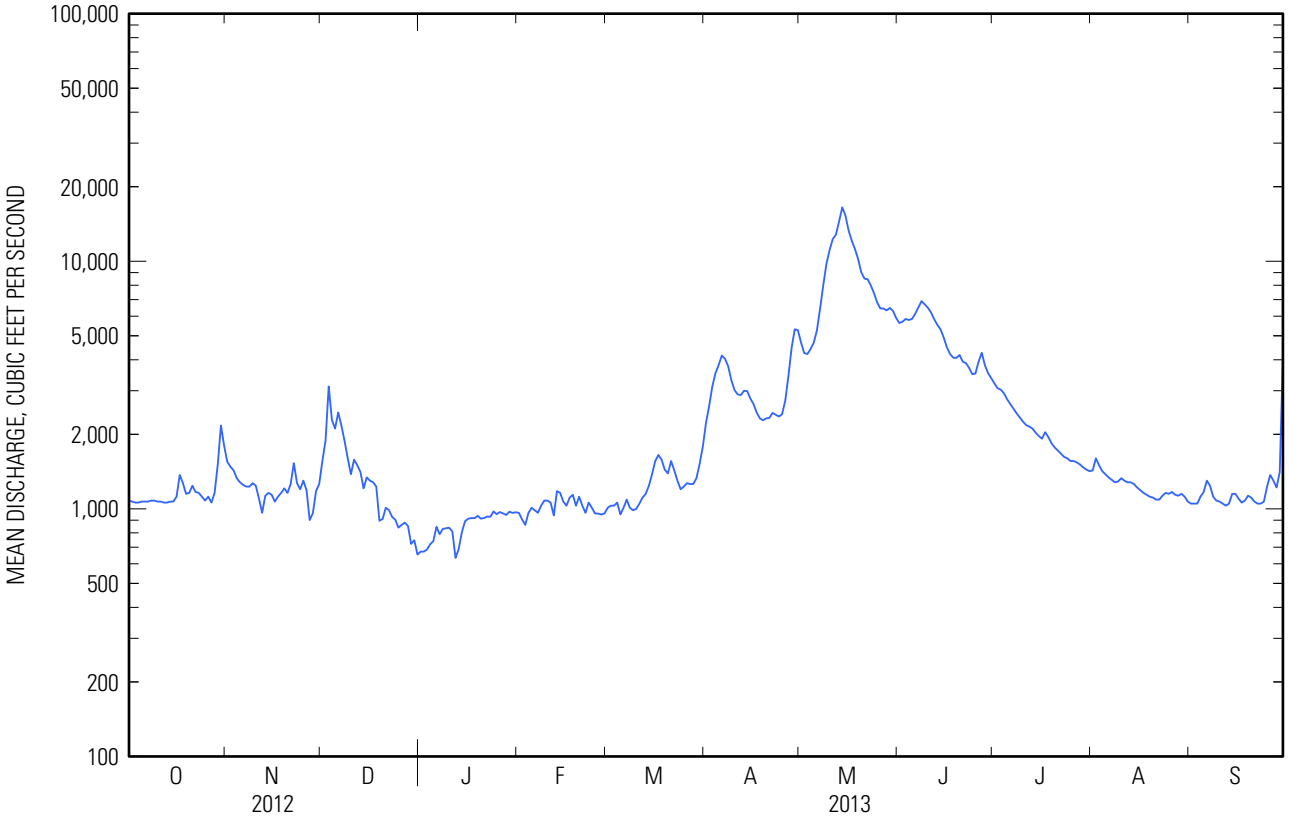
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,080	1,550	1,560	e672	e963	1,010	2,220	4,690	5,630	3,210	1,430	1,050
2	1,070	1,480	1,890	e672	e906	1,030	2,600	4,260	5,700	3,070	1,600	1,050
3	1,060	1,430	3,120	e685	e861	1,030	3,120	4,220	5,850	3,030	1,500	1,050
4	1,060	1,330	2,290	e719	e963	1,060	3,530	4,420	5,790	2,930	1,420	1,120
5	1,070	1,280	2,110	e741	e1,010	950	3,810	4,690	5,850	2,770	1,380	1,170
6	1,070	1,250	2,450	e846	e987	1,010	4,160	5,260	6,130	2,650	1,340	1,300
7	1,070	1,230	2,170	e790	e964	1,090	4,040	6,430	6,510	2,540	1,310	1,240
8	1,080	1,230	1,880	e830	e1,030	1,010	3,770	8,000	6,900	2,430	1,280	1,120
9	1,080	1,270	1,600	e835	e1,080	987	3,310	9,760	6,700	2,340	1,290	1,080
10	1,070	1,240	1,380	e839	e1,080	1,000	3,020	11,100	6,490	2,250	1,330	1,070
11	1,070	1,100	1,580	e810	1,060	1,050	2,900	12,300	6,210	2,180	1,300	1,050
12	1,060	964	1,500	e634	941	1,110	2,880	12,800	5,830	2,150	1,280	1,030
13	1,060	1,130	1,410	e688	1,180	1,150	3,000	14,500	5,530	2,110	1,280	1,050
14	1,070	1,160	1,210	e805	1,160	1,240	2,990	16,500	5,310	2,030	1,260	1,150
15	1,070	1,140	1,340	e891	1,070	1,380	2,790	15,300	4,920	1,970	1,220	1,150
16	1,120	1,070	1,300	e912	1,030	1,560	2,650	13,300	4,490	1,920	1,190	1,100
17	1,370	1,120	1,280	e918	1,110	1,650	2,450	12,100	4,220	2,040	1,160	1,060
18	1,270	1,160	1,230	e917	1,140	1,580	2,320	11,200	4,080	1,950	1,140	1,080
19	1,150	1,210	e895	e937	1,030	1,440	2,280	10,200	4,070	1,840	1,120	1,130
20	1,160	1,160	e910	e913	1,120	1,390	2,320	9,020	4,180	1,770	1,110	1,110
21	1,240	1,260	e1,010	e918	1,030	1,560	2,330	8,510	3,930	1,720	1,090	1,070
22	1,170	1,530	e989	e931	964	1,430	2,440	8,460	3,880	1,670	1,090	1,050
23	1,160	1,270	e928	e929	1,060	1,300	2,400	7,990	3,710	1,620	1,130	1,050
24	1,120	1,200	e904	e976	1,010	1,200	2,360	7,430	3,500	1,600	1,160	1,070
25	1,080	1,300	e840	e952	958	1,230	2,410	6,820	3,520	1,560	1,150	1,230
26	1,120	1,190	e862	e971	957	1,270	2,730	6,450	3,930	1,560	1,170	1,370
27	1,060	901	e880	e958	949	1,260	3,430	6,440	4,270	1,540	1,140	1,300
28	1,160	961	e853	e945	958	1,260	4,450	6,330	3,800	1,510	1,130	1,220
29	1,510	1,180	e722	e974	---	1,330	5,310	6,480	3,530	1,470	1,150	1,410
30	2,170	1,260	e747	e963	---	1,520	5,270	6,300	3,370	1,440	1,120	4,140
31	1,800	---	e654	e969	---	1,780	---	5,900	---	1,420	1,070	---
Total	36,700	36,556	42,494	26,540	28,571	38,867	93,290	267,160	147,830	64,290	38,340	37,070
Mean	1,184	1,219	1,371	856	1,020	1,254	3,110	8,618	4,928	2,074	1,237	1,236
Max	2,170	1,550	3,120	976	1,180	1,780	5,310	16,500	6,900	3,210	1,600	4,140
Min	1,060	901	654	634	861	950	2,220	4,220	3,370	1,420	1,070	1,030
Ac-ft	72,790	72,510	84,290	52,640	56,670	77,090	185,000	529,900	293,200	127,500	76,050	73,530
Cfsm	0.41	0.42	0.48	0.30	0.35	0.44	1.08	3.00	1.71	0.72	0.43	0.43
In.	0.47	0.47	0.55	0.34	0.37	0.50	1.21	3.46	1.91	0.83	0.50	0.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	1,147	1,140	1,053	999	975	1,302	3,115	8,971	9,161	3,214	1,495	1,192
Max	1,523	1,642	2,211	2,452	1,632	2,042	6,708	16,520	17,400	7,533	2,328	1,622
(WY)	(2012)	(1997)	(1996)	(1997)	(1996)	(1997)	(2012)	(1997)	(1996)	(2011)	(2011)	(1997)
Min	762	728	666	643	713	846	1,453	4,737	2,449	1,240	845	683
(WY)	(1995)	(1995)	(1995)	(2004)	(2002)	(2002)	(2001)	(2001)	(2001)	(2001)	(1994)	(1994)

13310199 MIDDLE FORK SALMON RIVER AT MOUTH NEAR SHOUP, ID—Continued

SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1994 - 2013	
Annual total	1,197,811		857,708			
Annual mean	3,273		2,350		2,818	
Highest annual mean					4,648	1997
Lowest annual mean					1,415	2001
Highest daily mean	21,000	Apr 27	16,500	May 14	28,600	May 17, 1997
Lowest daily mean	654	Dec 31	634	Jan 12	349	Dec 9, 2002
Annual seven-day minimum	794	Dec 25	696	Dec 29	557	Dec 28, 1994
Annual runoff (ac-ft)	2,376,000		1,701,000		2,042,000	
Annual runoff (cfsm)	1.14		0.817		0.980	
Annual runoff (inches)	15.49		11.09		13.31	
10 percent exceeds	9,100		5,660		7,290	
50 percent exceeds	1,340		1,270		1,290	
90 percent exceeds	911		935		800