Water-Data Report 2012

13266000 WEISER RIVER NEAR WEISER, ID

Middle Snake-Boise Basin
Weiser Subbasin

LOCATION.--Lat 44°16′12″, long 116°46′20″ referenced to North American Datum of 1983, in SW ¼ SW ¼ NW ¼ sec.24, T.11 N., R.4 W., Washington County, ID, Hydrologic Unit 17050124, Mann Creek SE quad., on right bank 0.25 mi upstream from county road bridge, 2.0 mi downstream from Crane Creek, 10 mi east of Weiser, and at mile 14.9.

DRAINAGE AREA.--1,450 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 1890 to June 1891, December 1894 to October 1896, April to September 1897, March 1898 to November 1899, March 1900 to December 1904, October 1910 to December 1914, October 1952 to current year. Published as "at Weiser" prior to 1900.

REVISED RECORDS.--WSP 1347: 1895-1905, 1953(M). WDR-US-2010: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 2,206.1 ft above NGVD of 1929. Prior to October 1952, nonrecording gages at several sites downstream within 1.5 mi of present site at various datums. October 1952 to January 1974, water-stage recorder 1,000 ft upstream at different datum. January to October 1974, nonrecording gage at nearby sites and different datums.

REMARKS.--Records good except for estimated daily discharges, which are fair. Station equipment includes satellite telemetry. Flow slightly regulated since 1911 by Crane Creek Reservoir 14.3 mi upstream, capacity about 51,700 acre-ft, and other small reservoirs. Diversions above station for irrigation of about 30,400 acres (1966 determination).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 34,500 ft^3/s Jan. 2, 1997, gage height, 17.20 ft, (backwater from bridge); minimum observed, 14 ft^3/s Aug. 7, 1911, gage height, 2.80 ft, site and datum then in use; minimum gage height, 1.45 ft, Nov. 29, 1970.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Mar. 19, 1932, reached a discharge of about 17,500 ft^3/s.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9,920 ft^3/s, Jan. 21, gage height, 9.73 ft; maximum gage height, 14.57 ft, Jan. 19, (ice jam); minimum daily discharge, 100 ft^3/s, Dec. 24.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 13266000, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/13266000.2012.pdf

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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	222	228	205	1,400	449	634	e7,460	e3,950	1,400	314	222	218
2	223	222	196	e600	421	540	e5,100	3,370	1,550	357	220	216
3	223	200	173	e280	393	523	e3,750	e3,050	1,660	350	235	198
4	238	179	157	e260	348	573	e3,200	e3,600	1,590	315	267	208
5	311	190	164	e250	314	776	e2,850	e4,020	1,760	300	275	207
6	411	181	156	e235	310	854	e2,400	3,400	1,600	282	281	158
7	425	179	e140	e238	293	654	e2,080	3,010	1,320	264	277	148
8	361	178	e120	e220	333	589	e1,810	2,820	1,190	261	269	146
9	338	176	e124	e200	343	624	e1,700	2,710	1,140	293	272	151
10	321	173	e120	e216	336	733	e1,720	2,670	1,060	287	247	146
11	377	174	e120	e180	557	878	e1,980	2,530	985	264	222	142
12	470	182	e126	e145	1,260	941	e2,380	2,370	944	251	284	144
13	385	198	e120	e160	1,410	885	e2,400	2,300	958	245	298	150
14	341	204	e120	e170	1,050	1,090	e2,260	2,330	939	242	308	153
15	334	198	e120	e180	871	1,790	e2,250	2,430	869	265	301	154
16	341	190	e120	e160	743	8,050	e2,150	2,570	847	298	288	144
17	401	173	e120	e162	609	e6,800	e2,320	2,670	820	288	277	146
18	322	205	e118	e170	867	e4,300	e2,600	2,270	839	276	273	133
19	270	219	e140	e1,300	998	e2,820	e2,820	2,060	769	265	269	129
20	252	185	e126	4,090	674	e2,160	e2,600	1,920	682	262	275	131
21	243	169	e130	7,760	553	2,260	e2,900	1,950	610	258	274	131
22	236	214	e120	2,880	1,600	e3,320	3,180	2,130	570	255	259	129
23	232	236	e102	1,180	2,490	e2,650	e3,580	2,160	539	258	259	129
24	228	244	e100	769	1,140	e2,200	e4,240	1,870	512	246	253	136
25	222	244	e112	662	1,010	e1,990	e4,600	1,690	474	244	196	153
26	219	251	e140	622	778	e3,040	5,300	1,530	449	e244	187	155
27	218	214	e200	1,230	658	e3,950	8,320	1,370	515	e242	197	131
28	221	204	287	760	603	e3,390	6,180	1,300	434	238	206	128
29	222	219	338	627	596	e4,250	e4,400	1,240	362	223	204	126
30	224	210	e900	560	---	e5,600	e3,850	1,270	345	241	207	128
31	226	---	e2,000	481	---	e8,100	---	1,310	---	236	212	---
Total	9,057	6,039	7,214	28,147	22,007	76,964	102,380	73,870	27,732	8,364	7,814	4,568
Mean	292	201	233	908	759	2,483	3,413	2,383	924	270	252	152
Max	470	251	2,000	7,760	2,490	8,100	8,320	4,020	1,760	357	308	218
Min	218	169	100	145	293	523	1,700	1,240	345	223	187	126
Ac-ft	17,960	11,980	14,310	55,830	43,650	152,700	203,100	146,500	55,010	16,590	15,500	9,060

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1895 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	182	293	596	920	1,415	2,434	2,483	2,529	1,542	382	229	179
Max	631	1,446	2,920	4,760	5,403	7,196	7,275	5,506	5,895	1,053	466	406
(WY)	(1963)	(1974)	(1956)	(1997)	(1982)	(1904)	(1897)	(1897)	(1896)	(1896)	(1984)	(1984)
Min	42.8	124	99.9	149	159	136	174	182	183	104	23.0	33.3
(WY)	(1989)	(1995)	(1991)	(1977)	(1955)	(1977)	(1977)	(1977)	(1977)	(1977)	(1911)	(1911)

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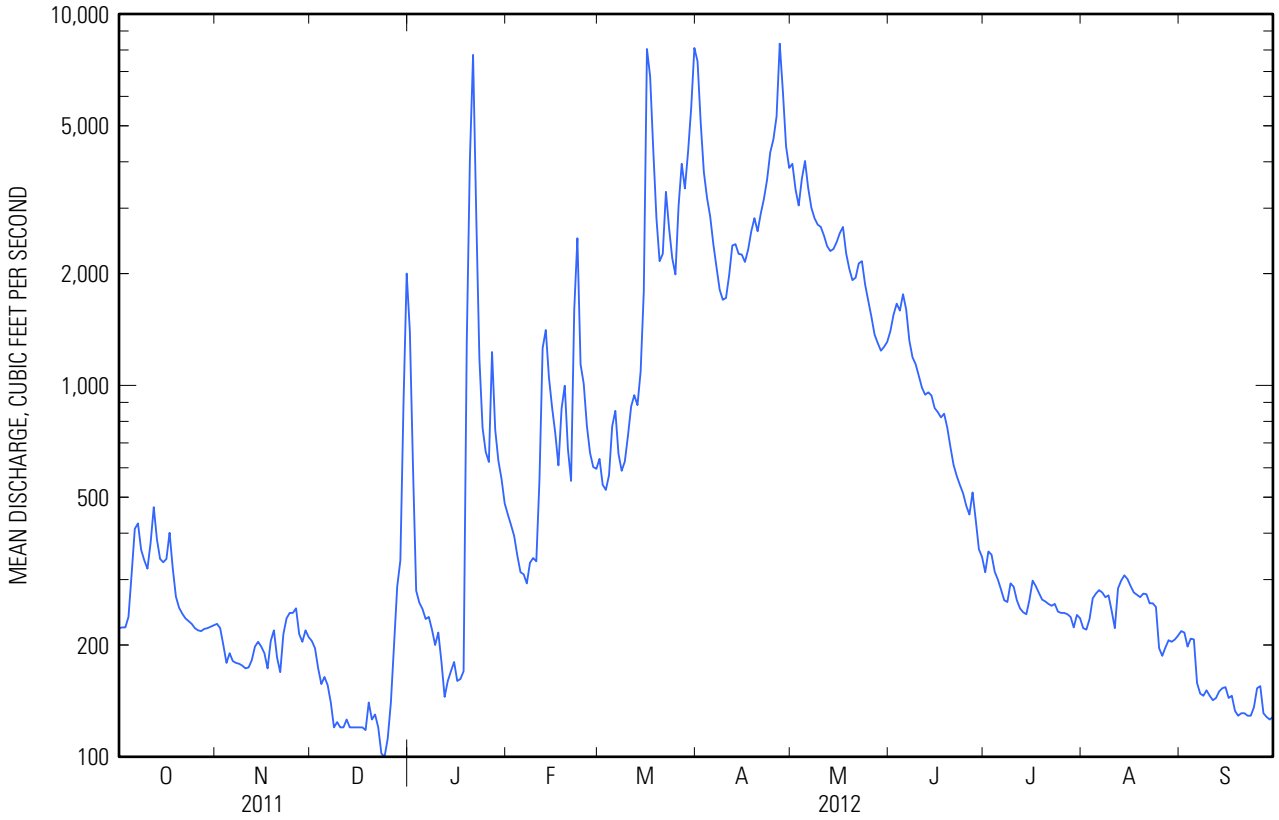
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1895 - 2012	
Annual total	559,121		374,156			
Annual mean	1,532		1,022		1,095	
Highest annual mean					2,016	1904
Lowest annual mean					136	1977
Highest daily mean	16,000	Mar 16	8,320	Apr 27	31,000	Jan 2, 1997
Lowest daily mean	100	Dec 24	100	Dec 24	14	Aug 7, 1911
Annual seven-day minimum	119	Dec 19	119	Dec 19	20	Aug 19, 1911
Annual runoff (ac-ft)	1,109,000		742,100		793,000	
10 percent exceeds	3,910		2,820		2,920	
50 percent exceeds	601		314		372	
90 percent exceeds	190		146		137