Water-Data Report 2012

05362000 JUMP RIVER AT SHELDON, WI

Chippewa Basin
Jump Subbasin

LOCATION.--Lat 45°18′29″, long 90°57′23″ referenced to North American Datum of 1927, in SE ¼ SW ¼ sec.26, T.33 N., R.5 W., Rusk County, WI, Hydrologic Unit 07050004, on right bank just downstream from highway bridge in Sheldon, 1,500 ft upstream from Shoulder Creek and 11 mi upstream from mouth.

DRAINAGE AREA.--576 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--July 1915 to current year.

REVISED RECORDS.--WSP 975: 1938. WSP 1438: 1916-17(M), 1919(M), 1920, 1921(M), 1922, 1923-26(M), 1927, 1928-31(M), 1932, 1933-37(M), 1945-46(M), 1948-50(M). WDR WI-81-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 1,092.71 ft above NAVD of 1988. Prior to Feb. 9, 1939, Sept. 1, 1941, to Apr. 1, 1953, and Feb. 18, 1954, to Sept. 27, 1964, nonrecording gage at same site and datum. Apr. 2, 1953, to Feb. 18, 1954, nonrecording gage in creamery wellhouse 400 ft upstream at same datum. Feb. 9, 1939, to Aug. 31, 1941, and from Sept. 27, 1964, water-stage recorder at present site and datum.

REMARKS.--Records good except those for estimated daily discharges, which are poor and the period from May 14 to June 18 is rated fair due to excessive painting from a buried orifice. Gage-height telemeter at station.

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 05362000, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/05362000.2012.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	186	168	236	e145	e117	e153	504	398	535	125	37	24
2	168	164	149	e129	e120	e163	442	573	416	109	36	24
3	144	159	e182	e115	e111	e169	474	1,030	340	119	34	24
4	128	156	e176	e122	e107	e169	615	1,480	296	126	38	24
5	119	150	e186	e121	e104	e169	586	1,310	264	143	39	24
6	105	150	e178	e117	e98	e176	480	1,960	248	118	38	23
7	96	156	e170	e114	e88	e179	400	3,590	261	104	38	26
8	99	153	e163	e114	e78	e180	363	3,120	233	96	37	27
9	91	146	e153	e115	e69	e246	340	2,280	192	98	40	28
10	81	142	e147	e113	e69	e462	305	1,700	159	87	38	29
11	76	146	e143	e115	e65	e942	271	1,200	128	79	42	30
12	76	149	e141	e101	e69	e1,730	248	875	103	73	47	29
13	115	147	e141	e98	e70	e2,900	226	681	94	68	45	29
14	643	145	e159	e101	e85	4,520	222	546	95	64	41	28
15	1,020	141	e249	e113	e85	6,410	235	465	137	58	44	27
16	789	136	e371	e118	e101	6,170	308	383	200	55	41	26
17	541	130	e378	e116	e101	5,540	505	306	216	53	38	28
18	390	118	e344	e112	e101	4,760	735	260	281	53	36	28
19	301	e109	e326	e105	e111	3,860	1,510	230	600	56	34	28
20	254	e109	e276	e96	e114	3,050	1,440	200	760	55	33	29
21	221	e111	e230	e84	e124	2,510	1,100	273	1,130	65	33	31
22	201	e114	e208	e82	e120	2,070	800	349	1,590	64	33	35
23	182	132	e175	e81	e124	1,790	611	282	1,120	57	31	37
24	169	140	e169	e85	e124	1,640	493	232	712	51	31	37
25	164	152	e166	e91	e124	1,410	420	250	479	49	30	37
26	160	198	e158	e94	e124	1,150	393	337	345	47	30	36
27	163	281	e156	e104	e130	923	387	535	263	44	28	34
28	172	345	e149	e111	e127	768	339	1,800	195	45	27	33
29	179	316	e146	e114	e137	644	301	1,820	160	42	26	32
30	174	228	e149	e114	---	573	291	1,160	151	41	25	46
31	170	---	e149	e120	---	560	---	750	---	39	25	---
Total	7,377	4,891	6,123	3,360	2,997	55,986	15,344	30,375	11,703	2,283	1,095	893
Mean	238	163	198	108	103	1,806	511	980	390	73.6	35.3	29.8
Max	1,020	345	378	145	137	6,410	1,510	3,590	1,590	143	47	46
Min	76	109	141	81	65	153	222	200	94	39	25	23
Cfsm	0.41	0.28	0.34	0.19	0.18	3.14	0.89	1.70	0.68	0.13	0.06	0.05
In.	0.48	0.32	0.40	0.22	0.19	3.62	0.99	1.96	0.76	0.15	0.07	0.06

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1915 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	420	415	180	104	105	733	1,808	839	642	264	248	432
Max	1,897	2,022	1,092	392	620	3,184	4,126	2,514	3,442	1,446	1,916	4,145
(WY)	(2003)	(1992)	(1992)	(1946)	(1984)	(1973)	(1982)	(1973)	(1943)	(2010)	(1941)	(1941)
Min	27.5	35.3	34.7	25.6	21.4	61.2	245	134	54.6	17.5	21.9	25.4
(WY)	(1949)	(1977)	(1934)	(1917)	(1924)	(1940)	(2010)	(1987)	(1934)	(1936)	(1933)	(1976)

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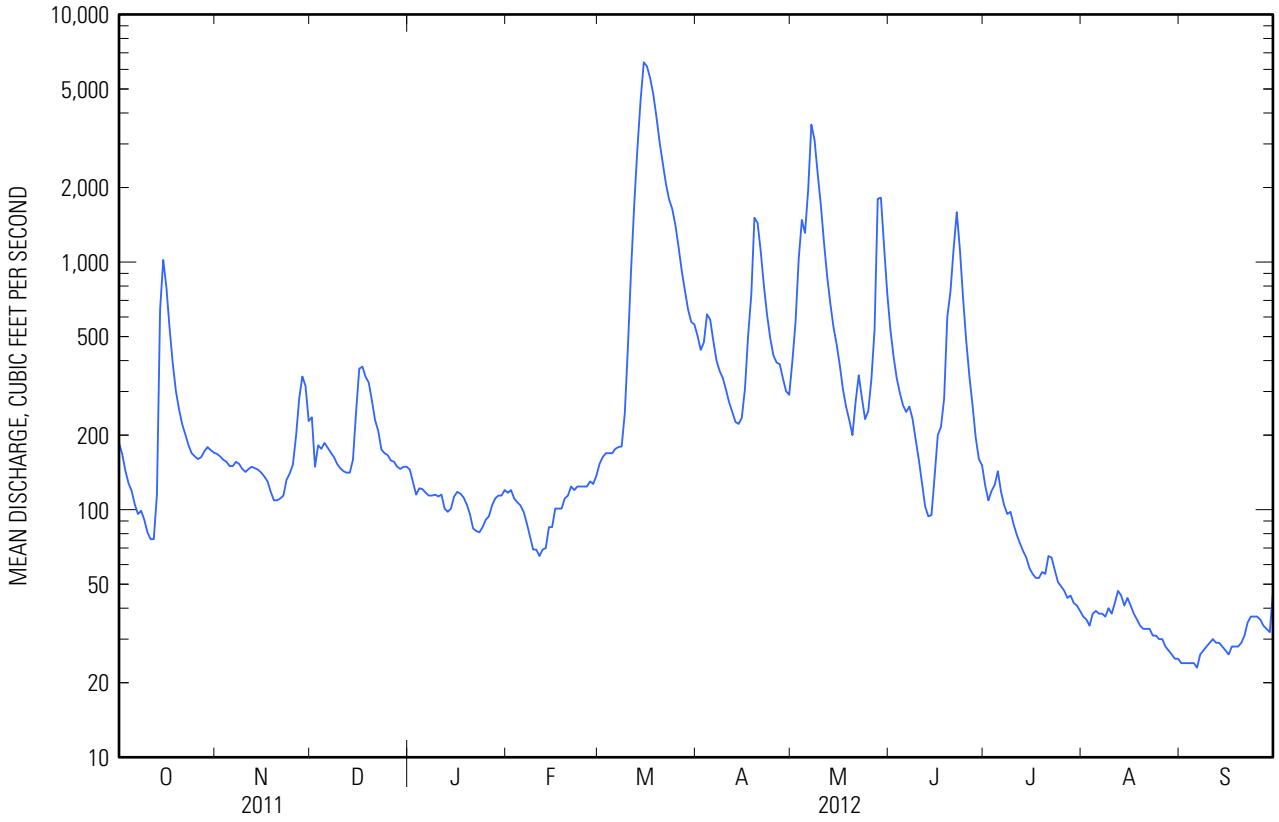
SUMMARY STATISTICS

	Calendar Year 2011		Water Year 2012		Water Years 1915 - 2012	
Annual total	238,643		142,427			
Annual mean	654		389		515	
Highest annual mean					923	1942
Lowest annual mean					214	1948
Highest daily mean	7,020	Apr 11[a]	6,410	Mar 15	40,800	Aug 31, 1941
Lowest daily mean	57	Sep 17	23	Sep 6	[b]11	Dec 18, 1943
Annual seven-day minimum	64	Sep 13	24	Aug 31	14	Jan 25, 1924[c]
Maximum peak flow			[d]6,590	Mar 15	[e]46,000	Aug 31, 1941
Maximum peak stage			[f]10.83	Mar 13	[g]18.80	Aug 31, 1941
Instantaneous low flow			23	Sep 1[h]	[b]11	Dec 18, 1943
Annual runoff (cfsm)	1.14		0.676		0.893	
Annual runoff (inches)	15.41		9.20		12.14	
10 percent exceeds	1,900		889		1,270	
50 percent exceeds	221		146		155	
90 percent exceeds	106		34		47	

[a] Also occurred Apr. 12, 2011.
[b] Result of freezeup.
[c] Jan. 25, 1924, ice-affected, also occurred July 11, 1936.
[d] Gage hieght, 9.38 ft.
[e] From rating curve extended above 13,000 ft³/s on basis of contracted-opening measurement of peak flow.
[f] Ice affected.
[g] From floodmarks.
[h] Also occurred additional days.