Water-Data Report 2013

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. Gage-height telemeter at station.

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 05362000, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/05362000.2013.pdf

05362000 JUMP RIVER AT SHELDON, WI—Continued

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

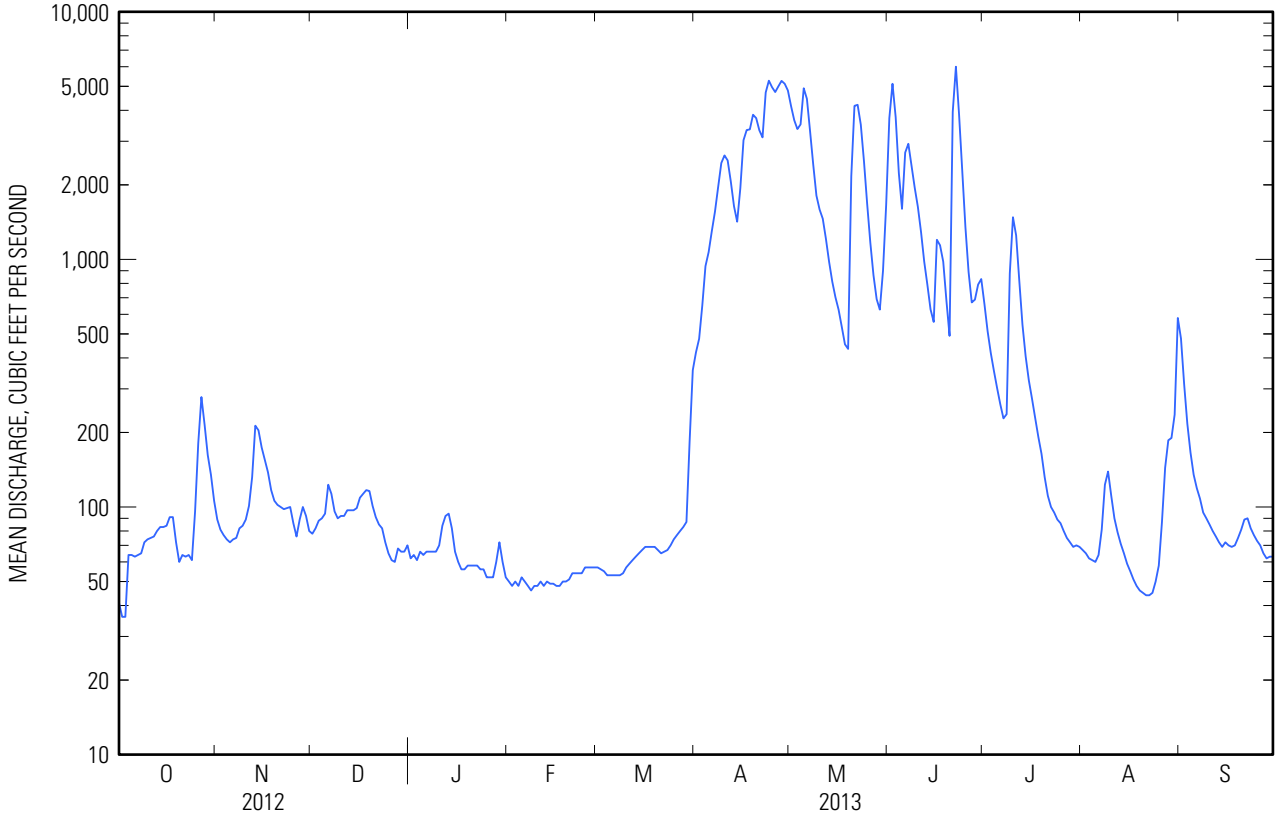
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	41	89	78	e62	e50	e57	e421	4,160	3,720	660	67	479
2	36	81	82	e64	e48	e56	e478	3,650	5,120	513	65	313
3	36	77	88	e61	e50	e55	e652	3,360	3,750	419	62	217
4	64	74	e90	e66	e48	e53	e939	3,510	2,230	354	61	166
5	64	72	e94	e64	e52	e53	e1,070	4,910	1,600	302	60	135
6	63	74	e123	e66	e50	e53	e1,300	4,450	2,700	260	64	119
7	64	75	e113	e66	e48	e53	e1,560	3,290	2,930	228	81	108
8	65	82	e96	e66	e46	e53	e1,960	2,410	2,390	237	123	95
9	72	84	e90	e66	e48	e54	e2,450	1,810	1,950	878	139	90
10	74	89	e92	e70	e48	e57	e2,630	1,590	1,630	1,480	111	85
11	75	101	e92	e84	e50	e59	e2,510	1,460	1,290	1,250	90	80
12	76	132	e97	e92	e48	e61	e2,060	1,210	980	818	79	76
13	80	213	e97	e94	e50	e63	e1,640	978	790	544	71	72
14	83	204	e97	e82	e49	e65	1,420	813	628	406	65	69
15	83	174	e99	e66	e49	e67	1,940	703	559	325	59	72
16	84	155	e109	e60	e48	e69	3,030	626	1,200	274	55	70
17	91	138	e113	e56	e48	e69	3,330	534	1,140	229	51	69
18	91	117	e117	e56	e50	e69	3,350	454	979	192	48	70
19	72	106	e116	e58	e50	e69	3,840	435	683	164	46	75
20	60	102	e101	e58	e51	e67	3,720	2,170	491	132	45	81
21	64	100	e91	e58	e54	e65	3,320	4,170	3,940	111	44	89
22	63	98	e85	e58	e54	e66	3,110	4,210	6,000	100	44	90
23	64	99	e82	e56	e54	e67	4,720	3,500	3,840	95	45	82
24	61	100	e72	e56	e54	e70	5,270	2,490	2,280	89	50	77
25	96	86	e65	e52	e57	e74	4,960	1,680	1,350	86	58	73
26	181	76	e61	e52	e57	e77	4,740	1,170	889	80	87	70
27	278	89	e60	e52	e57	e80	5,000	863	670	75	144	65
28	215	100	e68	e60	e57	e83	5,260	691	688	72	186	62
29	162	92	e66	e72	---	e87	5,120	627	791	69	190	63
30	135	80	e66	e60	---	e184	4,810	898	833	70	236	63
31	106	---	e70	e52	---	e357	---	1,660	---	69	580	---
Total	2,799	3,159	2,770	1,985	1,425	2,412	86,610	64,482	58,041	10,581	3,106	3,275
Mean	90.3	105	89.4	64.0	50.9	77.8	2,887	2,080	1,935	341	100	109
Max	278	213	123	94	57	357	5,270	4,910	6,000	1,480	580	479
Min	36	72	60	52	46	53	421	435	491	69	44	62
Cfsm	0.16	0.18	0.16	0.11	0.09	0.14	5.01	3.61	3.36	0.59	0.17	0.19
In.	0.18	0.20	0.18	0.13	0.09	0.16	5.59	4.16	3.75	0.68	0.20	0.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1915 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	417	412	179	104	105	726	1,819	851	655	265	246	429
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)

05362000 JUMP RIVER AT SHELDON, WI—Continued

SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1915 - 2013	
Annual total	132,764		240,645			
Annual mean	363		659		516	
Highest annual mean					923	1942
Lowest annual mean					214	1948
Highest daily mean	6,410	Mar 15	6,000	Jun 22	40,800	Aug 31, 1941
Lowest daily mean	23	Sep 6	36	Oct 2 [a]	[b] 11	Dec 18, 1943
Annual seven-day minimum	24	Aug 31	46	Aug 18	14	Jan 25, 1924 [c]
Maximum peak flow			[d] 7,540	Jun 22	[e] 46,000	Aug 31, 1941
Maximum peak stage			[f] 10.02	Apr 8	[g] 18.80	Aug 31, 1941
Instantaneous low flow			33	Oct 3	[b] 11	Dec 18, 1943
Annual runoff (cfsm)	0.630		1.14		0.896	
Annual runoff (inches)	8.57		15.54		12.17	
10 percent exceeds	822		2,470		1,280	
50 percent exceeds	104		89		155	
90 percent exceeds	34		53		47	

[a] Also occurred Oct. 3.
[b] Result of freezeup.
[c] Jan. 25, 1924, ice-affected, also occurred July 11, 1936.
[d] Gage hieght, 9.99 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.