

Water-Data Report 2011

06470475 JAMES RIVER AT CNTY RD 34 AT GRAND RAPIDS, ND

James Basin
Upper James Subbasin

LOCATION.--Lat 46°26'32", long 98°21'41" referenced to North American Datum of 1927, in NW ¼ NE ¼ NW ¼ sec.9, T.134 N., R.61 W., La Moure County, ND, Hydrologic Unit 10160003, on county road, 0.4 mi east of Grand Rapids.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Daily gage height and miscellaneous discharge measurements, April to September 2009; daily gage height, March to May 2010, March to May 2011.

GAGE.--Water-stage recorder. Datum of gage is 1,296.43 ft above North American Vertical Datum of 1988 (levels by North Dakota State Water Commission).

REMARKS.--Flow regulated by Jamestown Reservoir, capacity, 220,980 acre-ft, since 1953, Pipestem Lake, capacity, 147,110 acre-ft, since 1973 and several other lakes with a combined capacity of approximately 25,000 acre-ft.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 15.16 ft, April 5; minimum daily recorded, 3.93 ft, March 17.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	7.94	13.11	---	---	---	---
2	---	---	---	---	---	---	9.98	12.92	---	---	---	---
3	---	---	---	---	---	---	---	12.73	---	---	---	---
4	---	---	---	---	---	---	14.07	12.54	---	---	---	---
5	---	---	---	---	---	---	15.00	12.38	---	---	---	---
6	---	---	---	---	---	---	14.56	12.24	---	---	---	---
7	---	---	---	---	---	---	14.09	12.12	---	---	---	---
8	---	---	---	---	---	---	14.16	12.01	---	---	---	---
9	---	---	---	---	---	---	14.36	11.97	---	---	---	---
10	---	---	---	---	---	---	14.42	12.06	---	---	---	---
11	---	---	---	---	---	---	14.38	12.37	---	---	---	---
12	---	---	---	---	---	---	13.92	12.58	---	---	---	---
13	---	---	---	---	---	---	13.15	12.54	---	---	---	---
14	---	---	---	---	---	---	12.57	12.38	---	---	---	---
15	---	---	---	---	---	---	12.53	12.21	---	---	---	---
16	---	---	---	---	---	---	12.82	12.02	---	---	---	---
17	---	---	---	---	---	3.93	13.07	11.88	---	---	---	---
18	---	---	---	---	---	4.16	13.15	11.82	---	---	---	---
19	---	---	---	---	---	4.34	13.18	11.72	---	---	---	---
20	---	---	---	---	---	4.69	13.28	11.62	---	---	---	---
21	---	---	---	---	---	6.44	13.40	11.60	---	---	---	---
22	---	---	---	---	---	9.48	13.56	11.58	---	---	---	---
23	---	---	---	---	---	10.59	13.82	11.47	---	---	---	---
24	---	---	---	---	---	10.20	14.24	11.44	---	---	---	---
25	---	---	---	---	---	---	14.72	---	---	---	---	---
26	---	---	---	---	---	---	14.83	---	---	---	---	---
27	---	---	---	---	---	---	14.52	---	---	---	---	---
28	---	---	---	---	---	---	14.04	---	---	---	---	---
29	---	---	---	---	---	7.97	13.60	---	---	---	---	---
30	---	---	---	---	---	7.77	13.36	---	---	---	---	---
31	---	---	---	---	---	7.69	---	---	---	---	---	---
Mean	---	---	---	---	---	7.02	13.47	12.14	---	---	---	---
Max	---	---	---	---	---	10.59	15.00	13.11	---	---	---	---
Min	---	---	---	---	---	3.93	7.94	11.44	---	---	---	---

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