

Water-Data Report 2011

06470100 JAMES RIVER NORTHWEST OF YPSILANTI, ND

James Basin
Upper James Subbasin

LOCATION.--Lat 46°47'25", long 98°34'14" referenced to North American Datum of 1983, in NE ¼ NE ¼ NW ¼ sec.12, T.138 N., R.63 W., Stutsman County, ND, Hydrologic Unit 10160003, on county road, 25 mi northwest of Ypsilanti.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Daily gage height, April to July 2009, March to May 2010, March to May 2011.

GAGE.--Water stage recorder. Datum of gage is 1,350 ft above North American Vertical Datum of 1988, from topographic map.

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, 13.07 ft, April 24; minimum daily recorded, 8.28 ft, February 28, March 1, 3-6.

06470100 JAMES RIVER NORTHWEST OF YPSILANTI, ND—Continued

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 | --- | --- | --- | --- | --- | 8.28 | 8.91 | 12.80 | --- | --- | --- | --- |
| 2 | --- | --- | --- | --- | --- | 8.30 | 9.33 | 12.74 | --- | --- | --- | --- |
| 3 | --- | --- | --- | --- | --- | 8.28 | 10.02 | 12.71 | --- | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | 8.28 | 10.10 | 12.69 | --- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | 8.28 | 10.63 | 12.68 | --- | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | 8.28 | --- | 12.63 | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | 8.30 | 10.65 | 12.63 | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | 8.29 | 10.91 | 12.61 | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | 8.30 | 11.27 | 12.81 | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | 8.33 | 11.27 | 12.81 | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | 8.31 | 10.99 | 12.80 | --- | --- | --- | --- |
| 12 | --- | --- | --- | --- | --- | 8.31 | 11.03 | 12.76 | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | 8.39 | 11.48 | 12.72 | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | 12.13 | 12.68 | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | 12.58 | 12.57 | --- | --- | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | 12.68 | 12.61 | --- | --- | --- | --- |
| 17 | --- | --- | --- | --- | --- | --- | 12.72 | 12.58 | --- | --- | --- | --- |
| 18 | --- | --- | --- | --- | 8.38 | --- | 12.84 | 12.57 | --- | --- | --- | --- |
| 19 | --- | --- | --- | --- | 8.33 | --- | 12.90 | 12.55 | --- | --- | --- | --- |
| 20 | --- | --- | --- | --- | 8.30 | --- | 12.93 | 12.53 | --- | --- | --- | --- |
| 21 | --- | --- | --- | --- | 8.30 | 8.71 | 12.92 | 12.47 | --- | --- | --- | --- |
| 22 | --- | --- | --- | --- | 8.33 | --- | 12.90 | 12.41 | --- | --- | --- | --- |
| 23 | --- | --- | --- | --- | 8.32 | --- | 12.90 | 12.45 | --- | --- | --- | --- |
| 24 | --- | --- | --- | --- | 8.30 | --- | 13.03 | 12.51 | --- | --- | --- | --- |
| 25 | --- | --- | --- | --- | 8.30 | --- | 12.99 | --- | --- | --- | --- | --- |
| 26 | --- | --- | --- | --- | 8.31 | --- | 12.91 | --- | --- | --- | --- | --- |
| 27 | --- | --- | --- | --- | 8.29 | --- | 12.87 | --- | --- | --- | --- | --- |
| 28 | --- | --- | --- | --- | 8.28 | --- | 12.85 | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | 8.89 | 12.82 | --- | --- | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | 8.85 | 12.83 | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | 8.84 | --- | --- | --- | --- | --- | --- |
| Mean | --- | --- | --- | --- | 8.31 | 8.42 | 11.88 | 12.64 | --- | --- | --- | --- |
| Max | --- | --- | --- | --- | 8.38 | 8.89 | 13.03 | 12.81 | --- | --- | --- | --- |
| Min | --- | --- | --- | --- | 8.28 | 8.28 | 8.91 | 12.41 | --- | --- | --- | --- |

