

Water-Data Report 2011

06469015 JAMES RIVER ON 5TH ST IN JAMESTOWN, ND

James Basin
Upper James Subbasin

LOCATION.--Lat 46°54'45", long 98°43'03" referenced to North American Datum of 1983, in NW ¼ SE ¼ sec.24, T.140 N., R.64 W., Stutsman County, ND, Hydrologic Unit 10160003, at bridge crossing on 5th Street in Jamestown.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

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

GAGE.--Water stage recorder. Datum of gage is 1,302.68 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, and several other lakes with a combined capacity of approximately 25,000 acre-ft.

EXTREMES FOR CURRENT YEAR.--Maximum gage height recorded, 94.49 ft, September 20; minimum daily recorded, 92.11 ft, July 26.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Date	Discharge, in ft³/s
Apr 26, 2011	1,520
Aug 22, 2011	1,400

06469015 JAMES RIVER ON 5TH ST IN JAMESTOWN, 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	---	---	---	---	---	---	---	94.36	93.91	92.53	92.27	94.27
2	---	---	---	---	---	---	---	94.36	93.91	92.64	92.48	94.34
3	---	---	---	---	---	---	---	94.38	93.94	92.64	92.68	94.38
4	---	---	---	---	---	---	---	94.39	93.93	92.61	92.69	94.36
5	---	---	---	---	---	---	---	94.36	93.92	92.62	92.63	94.33
6	---	---	---	---	---	---	---	94.32	93.92	92.70	92.46	94.33
7	---	---	---	---	---	---	---	94.31	93.91	92.62	92.74	94.34
8	---	---	---	---	---	---	---	94.31	93.90	92.59	92.71	94.36
9	---	---	---	---	---	---	---	94.28	93.90	92.37	92.70	94.36
10	---	---	---	---	---	---	---	94.23	93.78	92.48	92.70	94.34
11	---	---	---	---	---	---	---	94.33	93.65	92.60	92.69	94.34
12	---	---	---	---	---	---	---	94.33	93.63	92.63	92.32	94.36
13	---	---	---	---	---	---	---	94.32	93.12	92.58	92.56	94.37
14	---	---	---	---	---	---	---	94.08	93.18	92.48	92.97	94.39
15	---	---	---	---	---	---	---	94.30	93.19	92.41	93.51	94.39
16	---	---	---	---	---	---	---	94.30	93.45	92.51	93.39	94.37
17	---	---	---	---	---	---	---	94.31	93.44	92.35	93.74	94.36
18	---	---	---	---	---	---	---	94.30	93.45	92.52	93.89	94.36
19	---	---	---	---	---	---	---	94.30	93.44	92.54	93.97	94.37
20	---	---	---	---	---	---	---	94.23	93.41	92.66	93.97	94.43
21	---	---	---	---	---	---	---	94.00	93.18	92.66	93.97	94.24
22	---	---	---	---	---	---	---	94.06	93.36	92.57	93.95	94.38
23	---	---	---	---	---	---	---	94.28	93.46	92.39	93.29	94.35
24	---	---	---	---	---	---	---	94.29	93.44	92.55	93.95	94.37
25	---	---	---	---	---	---	---	94.07	93.44	92.37	93.92	94.36
26	---	---	---	---	---	---	---	93.85	93.20	92.11	93.91	94.36
27	---	---	---	---	---	---	94.21	93.86	92.74	92.42	93.90	94.39
28	---	---	---	---	---	---	94.28	93.85	93.09	92.59	93.90	94.38
29	---	---	---	---	---	---	94.33	93.84	93.10	92.66	93.99	94.39
30	---	---	---	---	---	---	94.38	93.72	92.97	92.62	94.14	94.37
31	---	---	---	---	---	---	---	93.91	---	92.67	94.22	---
Mean	---	---	---	---	---	---	94.30	94.19	93.50	92.54	93.30	94.36
Max	---	---	---	---	---	---	94.38	94.39	93.94	92.70	94.22	94.43
Min	---	---	---	---	---	---	94.21	93.72	92.74	92.11	92.27	94.24

06469015 JAMES RIVER ON 5TH ST IN JAMESTOWN, ND—Continued

