

05052075 WILD RICE RIVER AT GREAT BEND, ND

Upper Red Basin
Western Wild Rice Subbasin

LOCATION.--Lat 46°09'03", long 96°48'13" referenced to North American Datum of 1927, in NW ¼ sec.23, T.131 N., R.49 W., Richland County, ND, Hydrologic Unit 09020105, at bridge on county highway, 0.25 mi south of Great Bend.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March to September 2003 (daily discharge and gage heights); March to May 2009 (miscellaneous discharge measurements only); March to June 2010, March to June 2011 (daily gage heights and miscellaneous discharge measurements).

GAGE.--Water stage recorder. Datum of gage is 950.07 ft above National Geodetic Vertical Datum of 1929 (levels by Moore Engineering, 2011).

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 24.88 ft, April 11; minimum daily gage height, 17.77 ft, March 21.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Discharge, in ft³/s
Mar 29, 2011	1,190
Apr 4, 2011	2,170
Apr 6, 2011	3,260
Apr 11, 2011	4,390
Apr 18, 2011	2,980
May 3, 2011	2,000

05052075 WILD RICE RIVER AT GREAT BEND, 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	---	---	---	---	---	---	24.36	23.99	20.81	---	---	---
2	---	---	---	---	---	---	24.04	23.82	20.45	---	---	---
3	---	---	---	---	---	---	24.02	23.66	20.29	---	---	---
4	---	---	---	---	---	---	24.21	23.48	20.27	---	---	---
5	---	---	---	---	---	---	24.44	23.34	20.20	---	---	---
6	---	---	---	---	---	---	24.54	23.20	20.12	---	---	---
7	---	---	---	---	---	---	24.59	23.03	20.14	---	---	---
8	---	---	---	---	---	---	24.66	22.85	20.04	---	---	---
9	---	---	---	---	---	---	24.68	22.70	19.81	---	---	---
10	---	---	---	---	---	---	24.73	22.60	19.58	---	---	---
11	---	---	---	---	---	---	24.81	22.49	19.40	---	---	---
12	---	---	---	---	---	---	24.80	22.33	19.21	---	---	---
13	---	---	---	---	---	---	24.72	22.16	19.10	---	---	---
14	---	---	---	---	---	---	24.67	21.94	19.02	---	---	---
15	---	---	---	---	---	---	24.60	21.75	19.00	---	---	---
16	---	---	---	---	---	---	24.61	21.55	18.91	---	---	---
17	---	---	---	---	---	---	24.57	21.29	18.72	---	---	---
18	---	---	---	---	---	---	24.52	20.98	18.50	---	---	---
19	---	---	---	---	---	---	24.46	20.71	18.26	---	---	---
20	---	---	---	---	---	---	24.45	20.45	18.03	---	---	---
21	---	---	---	---	---	17.77	24.43	20.34	---	---	---	---
22	---	---	---	---	---	19.45	24.36	20.32	---	---	---	---
23	---	---	---	---	---	19.02	24.42	20.34	---	---	---	---
24	---	---	---	---	---	18.17	24.43	20.23	---	---	---	---
25	---	---	---	---	---	18.40	24.37	20.10	---	---	---	---
26	---	---	---	---	---	19.31	24.32	19.96	---	---	---	---
27	---	---	---	---	---	21.23	24.25	19.86	---	---	---	---
28	---	---	---	---	---	23.03	24.21	20.27	---	---	---	---
29	---	---	---	---	---	24.33	24.10	20.29	---	---	---	---
30	---	---	---	---	---	24.39	24.05	20.14	---	---	---	---
31	---	---	---	---	---	24.37	---	20.70	---	---	---	---
Mean	---	---	---	---	---	20.86	24.45	21.64	19.49	---	---	---
Max	---	---	---	---	---	24.39	24.81	23.99	20.81	---	---	---
Min	---	---	---	---	---	17.77	24.02	19.86	18.03	---	---	---

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