



Water-Data Report 2008

**05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND**

Devils Lake-Sheyenne Basin

Upper Sheyenne Subbasin

LOCATION.--Lat 47°54'28", long 99°24'57" referenced to North American Datum of 1927, in SE ¼ NE ¼ SE ¼ sec.7, T.151 N., R.68 W., Benson County, ND, Hydrologic Unit 09020202, on right bank 3.5 mi southeast of Flora.

DRAINAGE AREA.--1,661 mi<sup>2</sup> of which 1,070 mi<sup>2</sup> probably is noncontributing.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--DAILY DISCHARGE--October 2004 to current year.

PERIOD OF RECORD.--DAILY GAGE HEIGHT--October 2004 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,385 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for discharges below 1.0 ft<sup>3</sup>/s and those for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 906 ft<sup>3</sup>/s, July 3, 2005, gage height 18.96 ft; no flow for many days in 2006-2008.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 138 ft<sup>3</sup>/s, September 23, gage height, 12.52 ft; maximum gage height, 13.46 ft, March 24, backwater from ice; no flow for many days in January, February, and March.

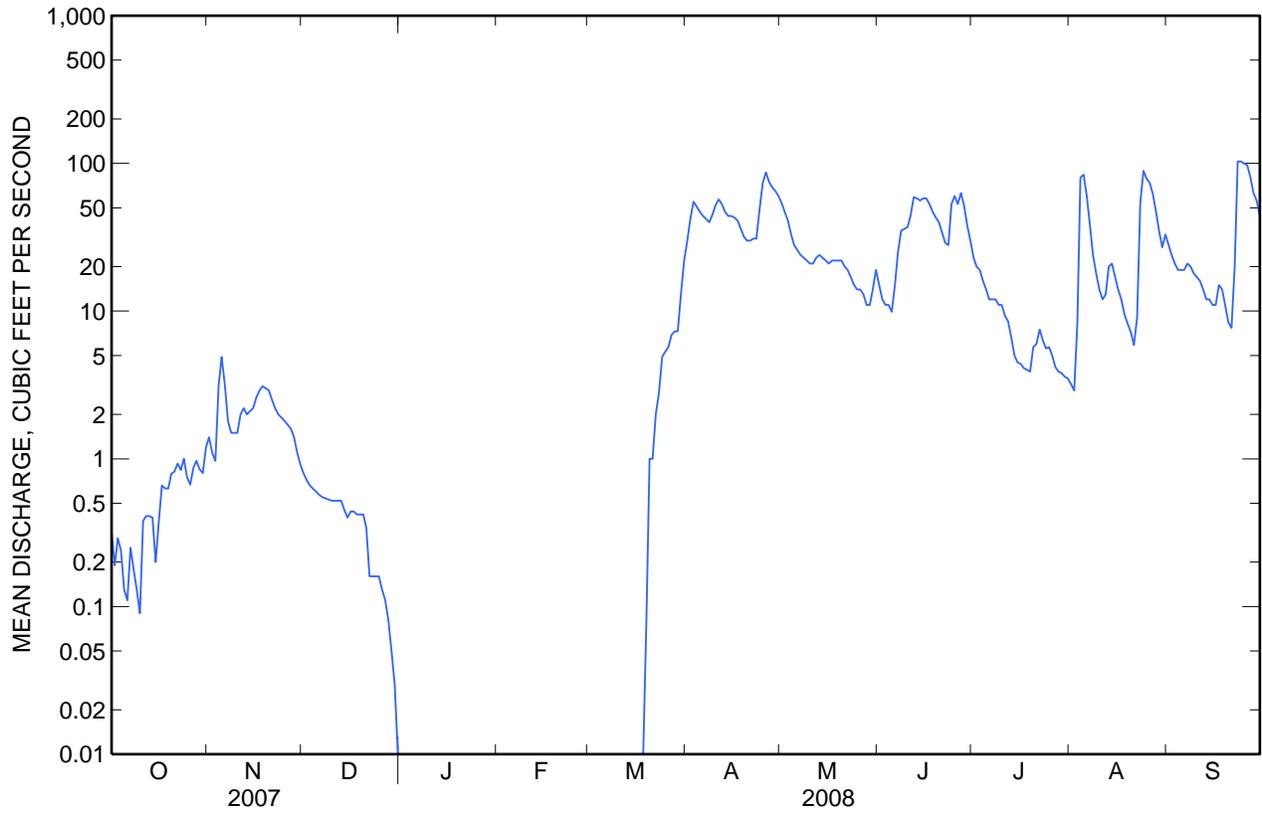
## 05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.32	1.4	e0.80	e0.00	e0.00	e0.00	e30	54	15	e23	3.2	28
2	0.19	1.1	e0.72	e0.00	e0.00	e0.00	e42	47	12	20	2.9	24
3	0.29	0.97	e0.66	e0.00	e0.00	e0.00	e55	41	11	19	8.4	21
4	0.24	3.1	e0.63	e0.00	e0.00	e0.00	e51	33	11	16	80	19
5	0.13	4.9	e0.60	e0.00	e0.00	e0.00	e47	28	9.9	14	84	19
6	0.11	3.2	e0.57	e0.00	e0.00	e0.00	e44	26	15	12	60	19
7	0.25	1.8	e0.55	e0.00	e0.00	e0.00	e42	24	25	12	38	21
8	0.18	1.5	e0.54	e0.00	e0.00	e0.00	e40	e23	35	12	24	20
9	e0.13	1.5	e0.53	e0.00	e0.00	e0.00	e45	22	36	11	18	18
10	0.09	1.5	e0.52	e0.00	e0.00	e0.00	e52	21	e37	11	14	17
11	0.38	2.0	e0.52	e0.00	e0.00	e0.00	57	e21	e44	9.3	12	16
12	0.41	2.2	e0.52	e0.00	e0.00	e0.00	53	23	59	8.5	13	14
13	0.41	2.0	e0.52	e0.00	e0.00	e0.00	47	e24	58	6.6	20	12
14	0.40	2.1	e0.45	e0.00	e0.00	e0.00	44	e23	56	5.0	21	12
15	0.20	2.2	e0.40	e0.00	e0.00	e0.00	44	22	58	4.5	17	11
16	0.37	2.6	e0.44	e0.00	e0.00	e0.00	43	21	58	4.4	14	11
17	0.66	2.9	e0.44	e0.00	e0.00	e0.00	e41	22	53	4.1	12	15
18	0.63	3.1	e0.42	e0.00	e0.00	e0.00	e36	e22	47	4.0	9.5	14
19	0.63	3.0	e0.42	e0.00	e0.00	e0.08	e32	22	43	3.9	8.2	11
20	0.79	2.9	e0.42	e0.00	e0.00	e1.0	30	22	40	5.7	7.2	8.4
21	0.82	2.5	e0.34	e0.00	e0.00	e1.0	e30	e20	34	6.0	5.9	7.7
22	0.93	2.2	e0.16	e0.00	e0.00	e2.0	e31	19	29	7.5	9.0	20
23	0.84	2.0	e0.16	e0.00	e0.00	e2.8	e31	17	28	6.4	54	103
24	1.0	1.9	e0.16	e0.00	e0.00	e4.9	e49	15	53	5.6	89	103
25	0.75	1.8	e0.16	e0.00	e0.00	e5.3	74	14	60	5.7	79	100
26	0.67	1.7	e0.13	e0.00	e0.00	e5.7	87	14	53	5.0	74	97
27	0.87	e1.6	e0.11	e0.00	e0.00	e6.9	e75	13	63	4.2	62	81
28	0.97	e1.4	e0.08	e0.00	e0.00	e7.3	e69	11	52	3.9	47	63
29	0.85	e1.1	e0.05	e0.00	e0.00	e7.3	65	11	e38	3.8	35	56
30	0.80	e0.92	e0.03	e0.00	---	e13	60	14	e30	3.6	27	44
31	1.2	---	e0.01	e0.00	---	e22	---	19	---	3.5	33	---
<b>Total</b>	16.51	63.09	12.06	0.00	0.00	79.28	1,446	708	1,162.9	261.2	981.3	1,005.1
<b>Mean</b>	0.53	2.10	0.39	0.00	0.00	2.56	48.2	22.8	38.8	8.43	31.7	33.5
<b>Max</b>	1.2	4.9	0.80	0.00	0.00	22	87	54	63	23	89	103
<b>Min</b>	0.09	0.92	0.01	0.00	0.00	0.00	30	11	9.9	3.5	2.9	7.7
<b>Ac-ft</b>	33	125	24	0.00	0.00	157	2,870	1,400	2,310	518	1,950	1,990

05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued

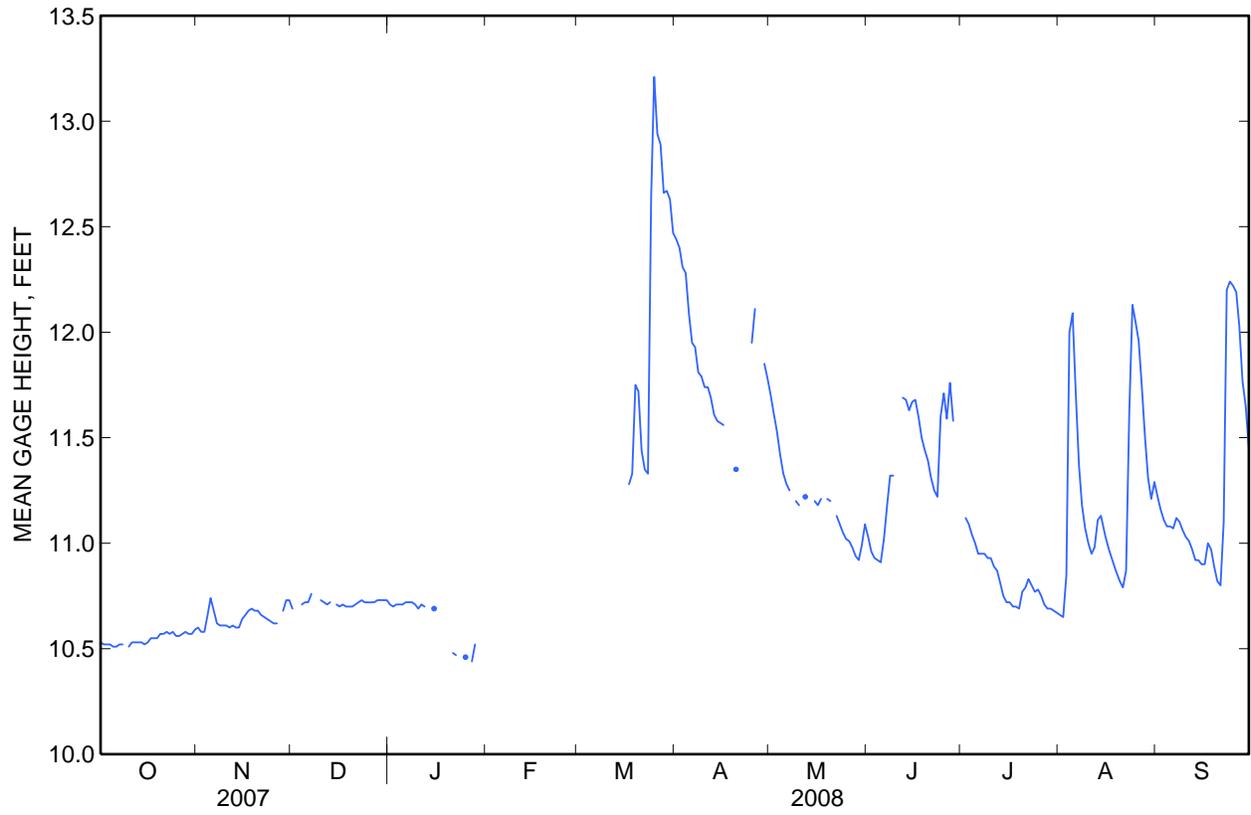


## 05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10.53	10.60	10.69	10.71	---	---	12.44	11.70	11.03	---	10.66	11.22
2	10.52	10.58	---	10.70	---	---	12.40	11.61	10.96	11.12	10.65	11.16
3	10.52	10.58	---	10.71	---	---	12.31	11.53	10.93	11.09	10.85	11.11
4	10.52	10.66	10.71	10.71	---	---	12.28	11.42	10.92	11.04	12.00	11.08
5	10.51	10.74	10.72	10.71	---	---	12.09	11.33	10.91	11.00	12.09	11.08
6	10.51	10.68	10.72	10.72	---	---	11.95	11.28	11.02	10.95	11.71	11.07
7	10.52	10.62	10.76	10.72	---	---	11.93	11.25	11.18	10.95	11.37	11.12
8	10.52	10.61	---	10.72	---	---	11.81	---	11.32	10.95	11.18	11.10
9	---	10.61	---	10.71	---	---	11.79	11.20	11.32	10.93	11.07	11.06
10	10.51	10.61	10.73	10.69	---	---	11.74	11.18	---	10.93	11.00	11.03
11	10.53	10.60	10.72	10.71	---	---	11.74	---	---	10.89	10.95	11.01
12	10.53	10.61	10.71	10.70	---	---	11.69	11.22	11.69	10.87	10.98	10.97
13	10.53	10.60	10.72	---	---	---	11.61	---	11.68	10.81	11.11	10.92
14	10.53	10.60	---	---	---	---	11.58	---	11.63	10.75	11.13	10.92
15	10.52	10.64	10.71	10.69	---	---	11.57	11.20	11.67	10.72	11.06	10.90
16	10.53	10.66	10.70	---	---	---	11.56	11.18	11.68	10.72	11.00	10.90
17	10.55	10.68	10.71	---	---	11.28	---	11.21	11.60	10.70	10.95	11.00
18	10.55	10.69	10.70	---	---	11.33	---	---	11.50	10.70	10.90	10.97
19	10.55	10.68	10.70	---	---	11.75	---	11.21	11.44	10.69	10.86	10.89
20	10.57	10.68	10.70	---	---	11.72	11.35	11.20	11.39	10.77	10.82	10.82
21	10.57	10.66	10.71	10.48	---	11.44	---	---	11.31	10.79	10.79	10.80
22	10.58	10.65	10.72	10.47	---	11.35	---	11.13	11.25	10.83	10.87	11.10
23	10.57	10.64	10.73	---	---	11.33	---	11.09	11.22	10.80	11.62	12.20
24	10.58	10.63	10.72	---	---	12.64	---	11.05	11.60	10.77	12.13	12.24
25	10.56	10.62	10.72	10.46	---	13.21	11.95	11.02	11.71	10.78	12.05	12.22
26	10.56	10.62	10.72	---	---	12.94	12.11	11.01	11.59	10.75	11.96	12.19
27	10.57	---	10.72	10.44	---	12.89	---	10.98	11.76	10.71	11.74	12.03
28	10.58	10.68	10.73	10.52	---	12.66	---	10.94	11.58	10.69	11.50	11.77
29	10.57	10.73	10.73	---	---	12.67	11.85	10.92	---	10.69	11.31	11.65
30	10.57	10.73	10.73	---	---	12.63	11.78	10.99	---	10.68	11.21	11.45
31	10.59	---	10.73	---	---	12.47	---	11.09	---	10.67	11.29	---
<b>Mean</b>	---	---	---	---	---	---	---	---	---	---	11.25	11.27
<b>Max</b>	---	---	---	---	---	---	---	---	---	---	12.13	12.24
<b>Min</b>	---	---	---	---	---	---	---	---	---	---	10.65	10.80

05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued



**05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued**

**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water year 2005 to 2007.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 2004 to current year.

SPECIFIC CONDUCTANCE: October 2004 to current year.

INSTRUMENTATION.--Water-quality monitor since October 2004.

REMARKS.--Records rated as follows:

WATER TEMPERATURE: Rated excellent: April 17-September 30. Rated good: October 1-November 28.

SPECIFIC CONDUCTANCE: Rated excellent: October 1-8, April 17-September 30. Rated good: October 9-16, October 24-November 28. Rated fair: October 17-23.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum recorded, 33.3°C, July 25, 2007; minimum recorded, -0.3°C, April 5, 2007.

SPECIFIC CONDUCTANCE: Maximum recorded, 3,640 microsiemens, December 11-12, 2006; minimum recorded, 636 microsiemens, August 5, 2008.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 30.1°C, July 6; minimum recorded, -0.2°C, November 28.

SPECIFIC CONDUCTANCE: Maximum recorded, 1,990 microsiemens, October 13 and 15; minimum recorded, 636 microsiemens, August 5.

## 05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	14.9	11.2	13.3	5.6	2.9	4.1	---	---	---	---	---	---
2	14.5	12.7	13.7	4.9	3.3	4.0	---	---	---	---	---	---
3	13.7	11.0	12.5	3.7	2.2	2.9	---	---	---	---	---	---
4	13.3	11.2	12.3	3.6	2.1	2.9	---	---	---	---	---	---
5	12.3	9.6	10.6	2.8	1.2	1.9	---	---	---	---	---	---
6	10.0	9.1	9.6	2.1	0.4	1.1	---	---	---	---	---	---
7	9.8	8.8	9.2	2.5	0.6	1.4	---	---	---	---	---	---
8	9.2	8.6	8.9	1.9	1.1	1.5	---	---	---	---	---	---
9	9.6	6.9	8.4	1.7	1.3	1.5	---	---	---	---	---	---
10	9.4	7.3	8.4	2.9	0.9	1.8	---	---	---	---	---	---
11	7.3	6.5	6.9	4.5	2.2	3.1	---	---	---	---	---	---
12	8.5	6.2	7.4	4.4	1.9	3.1	---	---	---	---	---	---
13	8.4	5.8	7.4	5.4	3.7	4.6	---	---	---	---	---	---
14	9.4	6.8	8.1	3.7	1.2	2.3	---	---	---	---	---	---
15	9.2	6.5	8.0	1.6	0.5	1.0	---	---	---	---	---	---
16	8.7	7.8	8.2	2.1	0.7	1.3	---	---	---	---	---	---
17	10.2	8.3	9.2	1.5	0.7	1.1	---	---	---	---	---	---
18	10.2	9.9	10.1	1.9	0.7	1.3	---	---	---	---	---	---
19	11.3	9.2	10.2	2.7	1.6	2.1	---	---	---	---	---	---
20	10.3	8.8	9.6	2.0	0.5	1.4	---	---	---	---	---	---
21	9.2	7.3	8.2	0.8	0.3	0.5	---	---	---	---	---	---
22	8.2	5.1	6.9	0.6	0.3	0.4	---	---	---	---	---	---
23	8.8	5.9	7.3	0.7	0.3	0.4	---	---	---	---	---	---
24	8.7	5.1	7.0	0.9	0.3	0.5	---	---	---	---	---	---
25	10.8	7.2	8.9	1.0	0.3	0.6	---	---	---	---	---	---
26	10.0	6.7	8.0	1.1	0.3	0.5	---	---	---	---	---	---
27	6.9	5.1	6.0	0.3	-0.1	0.2	---	---	---	---	---	---
28	6.1	3.5	4.8	---	---	---	---	---	---	---	---	---
29	7.4	3.7	5.5	---	---	---	---	---	---	---	---	---
30	6.9	4.8	6.1	---	---	---	---	---	---	---	---	---
31	6.4	3.5	4.8	---	---	---	---	---	---	---	---	---
<b>Month</b>	14.9	3.5	8.6	---	---	---	---	---	---	---	---	---

## 05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	10.4	8.2	9.5
2	---	---	---	---	---	---	---	---	---	10.0	5.4	7.7
3	---	---	---	---	---	---	---	---	---	12.9	6.3	9.3
4	---	---	---	---	---	---	---	---	---	14.7	8.8	11.6
5	---	---	---	---	---	---	---	---	---	16.2	10.1	12.8
6	---	---	---	---	---	---	---	---	---	14.9	12.6	13.6
7	---	---	---	---	---	---	---	---	---	16.5	10.2	13.1
8	---	---	---	---	---	---	---	---	---	15.4	11.7	13.7
9	---	---	---	---	---	---	---	---	---	13.9	9.2	11.4
10	---	---	---	---	---	---	---	---	---	12.0	6.8	9.4
11	---	---	---	---	---	---	---	---	---	16.0	8.2	12.0
12	---	---	---	---	---	---	---	---	---	14.8	12.1	13.1
13	---	---	---	---	---	---	---	---	---	12.1	9.7	10.9
14	---	---	---	---	---	---	---	---	---	14.8	9.0	11.9
15	---	---	---	---	---	---	---	---	---	17.6	11.5	14.5
16	---	---	---	---	---	---	---	---	---	20.5	13.9	17.0
17	---	---	---	---	---	---	---	---	---	19.2	15.0	17.1
18	---	---	---	---	---	---	15.1	8.8	11.9	18.8	13.4	16.1
19	---	---	---	---	---	---	16.2	10.2	13.1	18.1	14.0	16.1
20	---	---	---	---	---	---	14.6	11.1	13.0	19.8	13.9	16.7
21	---	---	---	---	---	---	13.9	9.1	11.4	19.6	13.8	16.9
22	---	---	---	---	---	---	11.6	7.6	9.6	20.2	14.3	17.1
23	---	---	---	---	---	---	10.0	7.0	8.4	20.0	14.5	17.2
24	---	---	---	---	---	---	7.6	4.9	5.9	18.3	14.9	16.3
25	---	---	---	---	---	---	4.9	3.4	4.1	20.4	14.6	17.1
26	---	---	---	---	---	---	7.2	2.5	4.6	17.3	11.7	14.2
27	---	---	---	---	---	---	8.7	4.8	6.6	16.7	11.3	14.1
28	---	---	---	---	---	---	10.7	5.5	7.9	21.1	13.5	16.9
29	---	---	---	---	---	---	13.0	7.4	9.9	19.4	16.2	17.2
30	---	---	---	---	---	---	11.4	8.9	10.3	20.4	15.6	17.5
31	---	---	---	---	---	---	---	---	---	23.9	16.8	20.2
<b>Month</b>	---	---	---	---	---	---	---	---	---	23.9	5.4	14.3

## 05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
<b>1</b>	24.7	18.2	21.5	28.7	23.1	25.9	28.3	22.5	25.5	24.7	20.9	22.8
<b>2</b>	22.9	18.8	20.5	26.0	22.7	24.0	26.3	22.0	23.4	20.9	16.8	18.8
<b>3</b>	19.6	15.6	17.0	25.3	19.9	22.7	25.7	20.0	22.6	18.9	14.7	16.8
<b>4</b>	21.1	14.9	17.5	27.2	21.2	24.0	24.1	22.7	23.2	17.8	16.0	16.7
<b>5</b>	20.1	17.6	18.7	28.8	22.5	25.5	25.3	21.8	23.4	17.4	15.1	16.1
<b>6</b>	17.6	14.3	15.4	30.1	23.8	26.8	26.1	22.5	24.2	18.2	14.5	16.3
<b>7</b>	21.3	14.0	17.4	27.1	23.0	25.0	26.7	22.3	24.5	17.1	14.7	15.8
<b>8</b>	19.8	16.7	18.5	25.8	20.5	23.3	25.3	22.6	23.6	16.3	13.5	15.0
<b>9</b>	18.4	16.4	17.5	27.6	20.7	24.0	25.5	22.2	23.7	17.2	13.2	15.1
<b>10</b>	19.5	15.2	17.1	28.3	22.1	25.1	24.1	21.9	22.8	17.1	14.7	15.9
<b>11</b>	17.5	13.2	14.8	28.1	21.9	25.2	22.8	21.3	21.8	19.5	16.6	17.7
<b>12</b>	17.1	12.2	14.6	21.9	18.2	19.8	25.2	19.9	22.3	20.6	16.0	18.2
<b>13</b>	17.9	14.5	16.2	26.0	17.3	21.2	25.6	20.7	23.1	19.8	16.7	18.5
<b>14</b>	20.9	15.3	17.8	27.9	20.6	24.2	25.5	21.8	23.7	18.2	14.7	16.4
<b>15</b>	18.7	17.0	17.7	26.4	22.0	24.1	26.6	22.3	24.5	18.9	14.6	16.5
<b>16</b>	21.6	15.7	18.5	26.2	22.0	23.9	27.4	22.7	25.0	20.1	15.1	17.3
<b>17</b>	24.5	18.1	21.1	25.4	21.9	23.6	27.7	23.2	25.3	19.7	15.9	17.7
<b>18</b>	25.0	20.6	22.6	28.1	21.2	24.5	27.8	22.8	25.1	21.6	16.9	19.0
<b>19</b>	26.1	20.3	23.0	26.5	22.1	23.4	27.9	22.5	25.0	21.6	17.3	19.4
<b>20</b>	25.5	21.8	23.7	25.8	19.9	22.6	26.9	22.2	24.4	19.4	16.1	17.8
<b>21</b>	26.6	20.6	23.5	28.8	21.2	24.8	25.0	22.0	23.5	20.6	15.3	17.8
<b>22</b>	27.5	21.1	24.3	29.4	23.0	26.1	23.2	19.3	21.7	20.2	17.2	18.7
<b>23</b>	25.5	22.1	23.8	26.6	22.6	23.8	20.2	17.7	19.0	19.2	17.0	17.9
<b>24</b>	25.0	19.9	22.3	28.7	22.1	25.1	21.2	18.0	19.5	17.5	15.8	16.6
<b>25</b>	25.3	21.3	23.3	28.3	23.1	25.8	23.0	19.4	21.0	17.8	15.3	16.5
<b>26</b>	25.6	22.1	23.4	28.7	21.6	25.1	23.5	20.8	22.1	18.0	16.6	17.3
<b>27</b>	23.9	21.2	22.3	28.3	22.9	25.6	22.4	19.5	20.8	16.8	14.9	15.9
<b>28</b>	22.6	19.7	21.1	26.7	22.5	24.2	21.0	17.9	19.4	15.5	13.9	14.7
<b>29</b>	25.5	19.2	22.2	27.2	21.8	24.5	21.9	18.0	20.0	14.2	12.3	13.3
<b>30</b>	27.6	21.2	24.3	28.3	22.1	25.4	23.7	18.7	21.1	15.2	11.9	13.4
<b>31</b>	---	---	---	28.3	24.2	26.3	25.9	22.1	23.9	---	---	---
<b>Month</b>	27.6	12.2	20.1	30.1	17.3	24.4	28.3	17.7	22.9	24.7	11.9	17.0

## 05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	1,830	1,800	1,820	1,750	1,720	1,730	---	---	---	---	---	---
2	1,830	1,800	1,820	1,730	1,720	1,720	---	---	---	---	---	---
3	1,840	1,810	1,820	1,740	1,700	1,720	---	---	---	---	---	---
4	1,850	1,820	1,830	1,700	1,670	1,690	---	---	---	---	---	---
5	1,840	1,820	1,830	1,670	1,640	1,660	---	---	---	---	---	---
6	1,840	1,810	1,820	1,640	1,570	1,610	---	---	---	---	---	---
7	1,840	1,810	1,830	1,580	1,520	1,560	---	---	---	---	---	---
8	1,840	1,810	1,830	1,530	1,520	1,520	---	---	---	---	---	---
9	1,880	1,820	1,850	1,520	1,520	1,520	---	---	---	---	---	---
10	1,920	1,880	1,900	1,530	1,510	1,520	---	---	---	---	---	---
11	1,940	1,920	1,940	1,520	1,500	1,510	---	---	---	---	---	---
12	1,960	1,940	1,940	1,510	1,480	1,500	---	---	---	---	---	---
13	1,990	1,950	1,970	1,490	1,480	1,490	---	---	---	---	---	---
14	1,980	1,960	1,970	1,540	1,490	1,520	---	---	---	---	---	---
15	1,990	1,960	1,970	1,580	1,530	1,550	---	---	---	---	---	---
16	1,970	1,940	1,960	1,550	1,540	1,540	---	---	---	---	---	---
17	1,940	1,900	1,920	1,550	1,540	1,550	---	---	---	---	---	---
18	1,910	1,900	1,900	1,560	1,530	1,550	---	---	---	---	---	---
19	1,900	1,890	1,900	1,550	1,520	1,530	---	---	---	---	---	---
20	1,910	1,890	1,900	1,560	1,550	1,560	---	---	---	---	---	---
21	1,920	1,910	1,910	1,680	1,560	1,600	---	---	---	---	---	---
22	1,920	1,890	1,900	1,750	1,680	1,710	---	---	---	---	---	---
23	1,890	1,850	1,870	1,770	1,680	1,730	---	---	---	---	---	---
24	1,870	1,820	1,840	1,720	1,550	1,650	---	---	---	---	---	---
25	1,820	1,800	1,810	1,690	1,500	1,580	---	---	---	---	---	---
26	1,810	1,800	1,800	1,750	1,640	1,680	---	---	---	---	---	---
27	1,820	1,800	1,810	---	---	---	---	---	---	---	---	---
28	1,830	1,790	1,810	---	---	---	---	---	---	---	---	---
29	1,800	1,760	1,780	---	---	---	---	---	---	---	---	---
30	1,770	1,750	1,760	---	---	---	---	---	---	---	---	---
31	1,760	1,740	1,750	---	---	---	---	---	---	---	---	---
Month	1,990	1,740	1,860	---	---	---	---	---	---	---	---	---

## 05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	1,520	1,510	1,520
2	---	---	---	---	---	---	---	---	---	1,520	1,490	1,510
3	---	---	---	---	---	---	---	---	---	1,490	1,470	1,480
4	---	---	---	---	---	---	---	---	---	1,500	1,480	1,490
5	---	---	---	---	---	---	---	---	---	1,520	1,500	1,510
6	---	---	---	---	---	---	---	---	---	1,540	1,520	1,530
7	---	---	---	---	---	---	---	---	---	1,570	1,540	1,550
8	---	---	---	---	---	---	---	---	---	1,580	1,570	1,580
9	---	---	---	---	---	---	---	---	---	1,590	1,580	1,580
10	---	---	---	---	---	---	---	---	---	1,590	1,580	1,580
11	---	---	---	---	---	---	---	---	---	1,610	1,580	1,600
12	---	---	---	---	---	---	---	---	---	1,620	1,610	1,620
13	---	---	---	---	---	---	---	---	---	1,640	1,620	1,630
14	---	---	---	---	---	---	---	---	---	1,680	1,640	1,660
15	---	---	---	---	---	---	---	---	---	1,700	1,680	1,700
16	---	---	---	---	---	---	---	---	---	1,730	1,700	1,710
17	---	---	---	---	---	---	---	---	---	1,740	1,720	1,730
18	---	---	---	---	---	---	1,340	1,310	1,330	1,740	1,730	1,730
19	---	---	---	---	---	---	1,360	1,340	1,350	1,730	1,720	1,720
20	---	---	---	---	---	---	1,390	1,360	1,380	1,720	1,700	1,710
21	---	---	---	---	---	---	1,440	1,360	1,400	1,700	1,670	1,690
22	---	---	---	---	---	---	1,570	1,400	1,480	1,680	1,660	1,670
23	---	---	---	---	---	---	1,570	1,460	1,510	1,700	1,680	1,690
24	---	---	---	---	---	---	1,540	1,460	1,500	1,710	1,700	1,700
25	---	---	---	---	---	---	1,600	1,540	1,590	1,720	1,700	1,710
26	---	---	---	---	---	---	1,580	1,500	1,550	1,720	1,700	1,710
27	---	---	---	---	---	---	1,530	1,480	1,490	1,720	1,710	1,720
28	---	---	---	---	---	---	1,530	1,480	1,510	1,730	1,720	1,720
29	---	---	---	---	---	---	1,510	1,480	1,500	1,730	1,720	1,730
30	---	---	---	---	---	---	1,510	1,510	1,510	1,780	1,700	1,730
31	---	---	---	---	---	---	---	---	---	1,790	1,720	1,750
Month	---	---	---	---	---	---	---	---	---	1,790	1,470	1,640

## 05055300 SHEYENNE RIVER ABOVE DEVILS LAKE STATE OUTLET NEAR FLORA, ND—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	1,800	1,720	1,750	1,370	1,350	1,360	1,620	1,590	1,610	1,300	1,270	1,280
2	1,830	1,800	1,810	1,440	1,370	1,390	1,610	1,550	1,590	1,280	1,260	1,280
3	1,800	1,710	1,750	1,500	1,440	1,470	1,580	1,180	1,380	1,260	1,200	1,240
4	1,720	1,700	1,710	1,550	1,460	1,520	1,460	765	1,160	1,240	1,230	1,230
5	1,710	1,700	1,710	1,590	1,470	1,550	765	636	702	1,260	1,240	1,250
6	1,780	1,590	1,710	1,620	1,500	1,580	913	765	826	1,280	1,260	1,270
7	1,810	1,770	1,780	1,630	1,580	1,600	981	913	958	1,280	1,260	1,270
8	1,770	1,590	1,710	1,610	1,600	1,600	1,060	980	1,010	1,260	1,240	1,250
9	1,590	1,520	1,550	1,650	1,590	1,620	1,120	1,060	1,100	1,300	1,250	1,270
10	1,600	1,550	1,590	1,640	1,480	1,550	1,120	1,090	1,110	1,310	1,300	1,300
11	1,630	1,560	1,600	1,650	1,570	1,610	1,110	1,090	1,090	1,320	1,300	1,310
12	1,610	1,580	1,600	1,650	1,640	1,650	1,200	1,100	1,150	1,340	1,300	1,320
13	1,600	1,560	1,580	1,660	1,600	1,650	1,290	1,200	1,260	1,370	1,330	1,350
14	1,630	1,570	1,600	1,670	1,450	1,570	1,290	1,260	1,280	1,360	1,340	1,350
15	1,660	1,630	1,650	1,670	1,600	1,650	1,260	1,190	1,220	1,370	1,360	1,360
16	1,730	1,660	1,700	1,660	1,640	1,660	1,220	1,190	1,200	1,400	1,360	1,380
17	1,720	1,710	1,720	1,670	1,560	1,640	1,260	1,220	1,230	1,420	1,400	1,410
18	1,710	1,670	1,680	1,690	1,540	1,640	1,330	1,260	1,300	1,420	1,410	1,410
19	1,670	1,650	1,660	1,690	1,600	1,660	1,410	1,330	1,370	1,420	1,410	1,420
20	1,660	1,630	1,650	1,680	1,560	1,630	1,490	1,410	1,440	1,420	1,410	1,420
21	1,660	1,630	1,640	1,630	1,580	1,600	1,560	1,490	1,520	1,430	1,330	1,420
22	1,660	1,620	1,640	1,690	1,630	1,660	1,540	1,480	1,520	1,340	1,000	1,190
23	1,670	1,550	1,650	1,690	1,660	1,680	1,560	1,170	1,450	1,280	712	830
24	1,560	1,440	1,510	1,670	1,650	1,660	1,210	965	1,050	775	656	706
25	1,470	1,310	1,400	1,680	1,670	1,680	982	679	799	931	775	892
26	1,400	1,290	1,340	1,680	1,640	1,660	944	850	892	915	844	870
27	1,310	1,220	1,250	1,660	1,630	1,650	969	870	939	1,110	915	1,020
28	1,280	1,250	1,260	1,660	1,620	1,640	957	922	939	1,130	1,110	1,120
29	1,300	1,270	1,280	1,660	1,610	1,650	1,050	919	979	---	---	---
30	1,360	1,300	1,320	1,660	1,640	1,650	1,200	1,040	1,120	1,140	1,100	1,130
31	---	---	---	1,640	1,600	1,620	1,290	1,200	1,250	---	---	---
Month	1,830	1,220	1,590	1,690	1,350	1,600	1,620	636	1,180	---	---	---