

Water-Data Report 2009

**05049995 MUD LAKE ABOVE WHITE ROCK DAM NEAR WHITE ROCK, SD**

Upper Red Basin  
Bois De Sioux Subbasin

LOCATION.--Lat 45°51'41", long 96°34'20" referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.34, T.128 N., R.47 W., Roberts County, SD, Hydrologic Unit 09020101, on Sisseton Indian Reservation, on left bank, 10 ft west of White Rock Dam, 4 mi south of White Rock and 5 mi northwest of Wheaton, MN.

DRAINAGE AREA.--

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 2000 to current year. Gage height record prior to October 2000 can be obtained from Corp of Engineers.

GAGE.--Water-stage recorder. Datum of gage is 960.00 ft, adjustment of 1912 (levels by U.S. Army Corps of Engineers).

REMARKS.--Records good. Lake regulated by Lake Traverse-Boise de Sioux Flood Control and Water Conservation project.

EXTREMES FOR PERIOD OF RECORD.---Maximum gage-height, 80.90 ft, Apr. 29, 2001; maximum daily, 80.76 ft, Apr. 19, 2001; minimum gage-height recorded, 65.14 ft, many days, several years (due in part to regulation), stage was observed lower than the detection limits of gage but precise stage readings were not determined; minimum daily recorded, 65.22 ft, June 14, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage-height, 80.21 ft, March 30; maximum daily, 80.13 ft, March 30; minimum gage-height, 71.10 ft, September 28; minimum daily, 71.26 ft, September 28.

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**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	71.71	72.77	72.14	---	72.98	72.52	80.03	77.05	71.83	72.07	71.70	71.55
2	71.75	72.73	---	---	72.94	72.76	79.93	76.99	71.69	72.08	71.71	71.48
3	71.72	72.78	---	---	72.91	72.84	79.77	76.88	71.89	72.09	71.69	71.46
4	71.75	72.79	---	---	72.88	73.12	79.54	76.85	71.95	72.05	71.63	71.46
5	71.74	72.86	---	---	72.85	73.72	79.27	76.87	71.72	72.03	71.63	---
6	71.83	72.93	---	---	72.82	74.03	79.16	76.71	71.78	72.01	71.62	71.52
7	71.80	72.86	---	72.26	72.79	74.09	79.14	76.51	71.81	72.00	71.68	71.49
8	71.83	72.85	---	72.25	72.76	74.24	78.99	76.24	71.88	72.03	71.62	71.45
9	71.81	73.11	---	72.24	72.74	74.24	78.87	76.08	71.92	72.06	71.65	71.46
10	71.73	73.18	---	72.23	72.75	74.19	78.91	75.91	71.90	72.00	71.66	---
11	71.80	73.22	---	72.23	72.75	74.21	79.03	75.72	71.90	71.98	71.67	71.53
12	71.97	73.21	---	72.24	72.73	74.25	79.05	75.58	71.99	71.96	71.68	71.49
13	72.01	72.96	---	72.23	72.71	74.29	78.98	75.41	71.93	71.94	71.62	71.50
14	72.03	72.79	---	72.23	72.69	74.39	78.81	75.14	71.91	72.07	71.62	71.53
15	71.97	72.80	---	72.23	72.66	74.46	78.57	74.91	71.95	72.00	71.66	71.48
16	71.99	72.73	---	72.30	72.63	74.45	78.37	74.69	71.99	71.92	71.64	71.48
17	71.99	72.65	---	72.31	72.61	74.37	78.13	74.56	72.16	71.81	71.71	71.48
18	72.12	72.56	---	72.30	72.60	74.40	77.80	74.28	72.27	71.86	71.62	71.47
19	71.92	72.42	---	72.29	72.57	74.45	77.65	74.00	72.34	71.94	71.62	71.52
20	71.96	72.32	---	72.32	72.55	74.66	77.35	73.90	72.36	71.91	71.54	71.53
21	72.07	72.34	---	72.89	72.53	75.10	77.36	73.41	72.28	71.87	71.48	71.44
22	71.99	72.25	---	73.50	72.50	75.48	77.29	73.33	72.24	71.85	71.61	71.40
23	72.02	72.15	---	73.46	72.48	76.09	77.29	73.15	72.05	71.88	71.68	71.46
24	72.08	72.13	---	73.34	72.46	76.79	76.96	73.03	71.88	71.77	71.68	71.47
25	72.23	72.21	---	73.27	72.44	77.56	77.16	72.97	71.89	71.71	71.50	71.50
26	72.00	72.21	---	73.21	72.47	78.34	77.13	72.64	72.04	71.76	71.55	71.55
27	72.08	72.20	---	73.15	72.46	79.09	77.06	72.59	72.24	71.68	71.55	71.40
28	72.31	72.20	---	73.11	72.44	79.69	77.13	72.44	72.16	71.70	71.40	71.26
29	72.50	72.16	---	73.07	---	80.08	77.10	72.40	72.02	71.70	71.45	71.40
30	72.66	72.15	---	73.04	---	80.13	77.13	72.08	71.96	71.69	71.49	71.45
31	72.74	---	---	73.01	---	79.98	---	71.99	---	71.75	71.53	---
<b>Mean</b>	72.00	72.62	---	---	72.67	75.42	78.30	74.66	72.00	71.91	71.61	---
<b>Max</b>	72.74	73.22	---	---	72.98	80.13	80.03	77.05	72.36	72.09	71.71	---
<b>Min</b>	71.71	72.13	---	---	72.44	72.52	76.96	71.99	71.69	71.68	71.40	---

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