

Water-Data Report 2013

**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 Corps 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 to fair. Lake regulated by Lake Traverse-Boise de Sioux Flood Control and Water Conservation project. Water level subject to fluctuation caused by seiche, and by drawdown from dam gate changes.

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, 76.34 ft, April 30; maximum daily, 76.29 ft, April 30 and June 30; minimum gage-height, 69.83 ft, April 3 (due in part to regulation); minimum daily, 69.94 ft, Mar. 26.

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**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	71.34	71.32	71.47	71.54	71.56	70.29	70.10	76.22	72.02	76.25	72.37	71.95
2	71.61	71.49	71.47	71.53	71.56	70.22	69.95	76.24	72.34	76.11	72.29	71.99
3	71.32	71.50	71.48	71.53	71.56	70.11	69.99	76.21	72.33	75.97	72.23	72.01
4	71.24	71.49	71.48	71.53	71.56	70.16	70.14	75.99	72.32	75.80	72.23	71.95
5	71.39	71.53	71.47	71.52	71.56	70.85	70.34	75.79	72.25	75.57	72.18	71.98
6	71.35	71.45	71.47	71.53	71.56	71.21	70.01	75.58	72.33	75.37	72.14	71.96
7	71.52	71.56	71.47	71.52	71.55	71.71	70.26	75.35	72.64	75.16	72.12	71.91
8	71.44	71.40	71.48	71.52	71.55	72.26	70.53	75.10	72.61	74.97	72.09	71.93
9	71.37	71.35	71.49	71.52	71.55	72.55	70.45	74.80	72.52	74.79	72.05	71.94
10	71.41	71.46	71.50	71.53	71.62	72.67	70.43	74.57	72.59	74.63	72.09	71.93
11	71.26	71.59	71.50	71.54	71.68	72.62	70.72	74.19	72.52	74.48	72.08	71.90
12	71.57	71.51	71.50	71.54	71.68	72.38	70.61	74.05	72.37	74.31	72.09	71.85
13	71.43	71.50	71.49	71.54	71.69	72.33	70.35	73.82	72.45	74.08	72.10	71.92
14	71.28	71.49	71.49	71.54	71.69	72.28	70.58	73.43	72.61	73.94	72.13	71.92
15	71.48	71.50	71.51	71.55	71.69	---	70.77	73.12	72.53	73.82	72.14	71.85
16	71.36	71.49	71.52	71.55	71.70	---	70.91	72.93	72.57	73.68	72.19	71.97
17	71.42	71.49	71.52	71.55	71.70	---	71.21	72.99	72.45	73.48	72.24	72.00
18	71.15	71.49	71.52	71.54	71.70	---	71.59	72.93	72.45	73.35	72.28	71.97
19	71.09	71.49	71.52	71.54	71.68	71.58	71.98	72.93	72.45	73.09	72.17	71.91
20	71.58	71.52	71.53	71.53	71.67	71.45	72.19	72.83	72.53	72.86	72.19	71.88
21	71.46	71.51	71.53	71.53	71.67	71.23	72.48	72.59	72.61	72.65	72.10	71.88
22	71.44	71.34	71.53	71.53	71.68	70.98	72.88	72.50	72.98	72.64	72.09	71.98
23	71.51	71.40	71.53	71.53	71.68	70.68	73.16	72.54	73.51	72.86	72.14	72.05
24	71.39	71.49	71.53	71.52	71.67	70.37	73.40	72.52	74.32	72.84	72.22	71.85
25	71.39	71.48	71.53	71.52	71.67	70.10	73.88	72.51	74.96	72.79	72.11	71.90
26	71.53	71.48	71.53	71.52	71.70	69.94	74.67	72.41	75.45	72.62	72.07	71.94
27	71.53	71.47	71.53	71.51	71.47	70.21	75.27	72.31	75.91	72.60	72.02	71.82
28	71.50	71.47	71.54	71.52	70.92	70.46	75.69	72.25	76.12	72.59	72.03	71.98
29	71.56	71.47	71.54	71.56	---	70.19	76.07	72.18	76.18	72.57	72.04	72.05
30	71.52	71.47	71.54	71.56	---	70.08	76.26	72.36	76.26	72.51	71.97	71.98
31	71.48	---	71.53	71.56	---	70.18	---	72.41	---	72.43	72.03	---
<b>Mean</b>	71.42	71.47	71.51	71.53	71.61	---	71.90	73.73	73.24	73.90	72.14	71.94
<b>Max</b>	71.61	71.59	71.54	71.56	71.70	---	76.26	76.24	76.26	76.25	72.37	72.05
<b>Min</b>	71.09	71.32	71.47	71.51	70.92	---	69.95	72.18	72.02	72.43	71.97	71.82

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