

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

LOCATION.--Lat 45°51'41", long 96°34'20", in NW¹/₄NW¹/₄ sec. 34, T.128 N., R.47 W., Roberts County, 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.--

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 poor. 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, 73.15 ft, Sep. 27; maximum daily, 73.04 ft, Sep. 27; minimum gage-height recorded, 65.39 ft. May have been lower at times between Aug. 22 and Sep. 4, but precise stage readings were not determined.

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	71.35	71.23	71.21	71.22	71.23	71.36	71.06	70.49	70.17	66.18	65.87	<65.40
2	71.40	71.20	71.20	71.23	71.23	71.37	70.92	70.37	70.66	66.41	65.80	---
3	71.27	71.12	71.20	71.22	71.23	71.37	70.72	70.75	71.03	66.49	65.72	65.65
4	71.36	71.19	71.21	71.22	71.23	71.37	70.98	70.27	71.36	66.19	65.65	<65.40
5	71.37	71.22	71.22	71.22	71.23	71.38	70.97	70.54	71.48	66.29	65.66	65.86
6	71.35	71.22	71.22	71.22	71.24	71.38	70.88	70.08	71.69	66.50	65.75	65.81
7	71.38	71.20	71.22	71.21	71.24	71.39	70.71	70.37	71.89	67.50	66.13	65.70
8	71.45	71.20	71.22	71.21	71.24	71.39	70.69	70.43	71.75	68.61	65.93	66.05
9	71.37	71.20	71.22	71.21	71.24	71.40	70.71	70.35	71.58	68.79	65.81	66.49
10	71.63	71.20	71.22	71.20	71.24	71.42	70.69	70.03	71.33	68.83	65.67	66.67
11	71.34	71.21	71.21	71.21	71.25	71.43	70.75	70.63	71.10	68.89	65.72	66.74
12	71.36	71.20	71.21	71.20	71.24	71.42	70.79	70.50	70.76	68.95	65.66	67.05
13	71.31	71.21	71.21	71.19	71.25	71.42	70.81	70.14	70.21	69.36	65.62	69.04
14	71.27	71.21	71.21	71.20	71.24	71.43	70.68	70.39	69.53	69.90	65.62	70.41
15	71.26	71.21	71.21	71.19	71.24	71.42	70.78	70.80	68.76	70.28	65.73	70.60
16	71.30	71.21	71.22	71.19	71.23	71.42	70.65	70.35	68.20	70.46	65.61	71.01
17	71.33	71.23	71.21	71.19	71.23	71.43	70.55	70.39	67.75	70.74	65.50	71.19
18	71.26	71.23	71.22	71.18	71.23	71.45	70.44	70.54	66.75	70.99	65.54	71.34
19	71.28	71.24	71.21	71.18	71.23	71.41	70.48	70.69	66.90	70.98	65.80	71.66
20	71.24	71.15	71.21	71.17	71.23	71.34	70.68	70.28	66.83	70.74	65.57	71.86
21	71.23	71.20	71.22	71.18	71.23	71.29	70.55	70.43	66.53	70.28	65.65	71.67
22	71.19	71.18	71.22	71.17	71.23	71.26	70.67	70.37	66.41	69.35	---	71.58
23	71.21	71.22	71.21	71.17	71.23	71.23	70.56	70.24	66.23	68.61	65.48	71.11
24	71.26	71.23	71.21	71.17	71.23	71.21	70.78	70.49	66.11	67.72	65.54	71.13
25	71.13	71.23	71.21	71.19	71.23	71.19	70.59	70.54	66.19	67.03	---	72.00
26	71.25	71.23	71.21	71.23	71.23	71.17	70.45	70.67	66.07	66.67	<65.40	72.80
27	71.29	71.22	71.22	71.23	71.23	71.22	70.79	70.40	66.10	66.43	<65.40	73.04
28	71.00	71.22	71.23	71.23	71.25	71.18	70.56	70.52	66.21	66.16	<65.40	73.03
29	71.19	71.21	71.23	71.23	71.27	71.08	70.06	70.57	66.19	66.01	---	72.97
30	71.14	71.22	71.22	71.23	---	70.99	70.42	70.88	66.20	66.10	<65.40	72.88
31	71.15	---	71.22	71.23	---	71.09	---	70.91	---	65.96	---	---
MEAN	71.29	71.21	71.21	71.20	71.24	71.32	70.68	70.46	68.73	68.17	---	---
MAX	71.63	71.24	71.23	71.23	71.27	71.45	71.06	70.91	71.89	70.99	---	---
MIN	71.00	71.12	71.20	71.17	71.23	70.99	70.06	70.03	66.07	65.96	---	---

< Actual value is known to be less than the value shown

05049995 MUD LAKE ABOVE WHITE ROCK DAM NEAR WHITE ROCK, SD—Continued

