

RED RIVER OF THE NORTH BASIN--Continued

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 fair. 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 in Sep. 2002, but may have been lower in Apr. June, July, or Sep. 2002 when stage was below detection limits of gage; minimum daily recorded, 65.22 ft, June 14, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum gage-height, 72.64 ft, Nov. 1; maximum daily, 72.39 ft, Nov. 1; minimum gage-height recorded, 65.14 ft, many days in Sep., but may have been lower in Apr. June, July, or Sep. when stage was below detection limits of gage; minimum daily recorded, 65.22 ft, June 14.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 72.16 | 72.39 | 72.25 | 72.09 | 71.95 | 71.93 | --- | 67.04 | 65.79 | 65.46 | 67.26 | 65.46 |
| 2 | 72.08 | 72.32 | 72.24 | 72.08 | 71.94 | 71.59 | 66.24 | 67.22 | 65.54 | 65.34 | 67.40 | 65.28 |
| 3 | 72.10 | 72.29 | 72.24 | 72.07 | 71.94 | 71.79 | 66.40 | 67.50 | 65.23 | 65.24 | 67.32 | 65.32 |
| 4 | 72.11 | 72.32 | 72.03 | 72.07 | 71.93 | 71.87 | 66.49 | 67.04 | 65.25 | 65.34 | 67.05 | 65.43 |
| 5 | 72.07 | 72.35 | 71.94 | 72.07 | 71.93 | 71.65 | 66.32 | 67.29 | 65.38 | 65.24 | 66.77 | 65.42 |
| 6 | 72.10 | 72.20 | 72.06 | 72.06 | 71.92 | 71.72 | 66.66 | 66.93 | 65.80 | --- | 66.66 | 65.24 |
| 7 | 72.12 | 72.20 | 72.12 | 72.05 | 71.92 | 71.99 | 66.18 | 66.89 | 65.53 | 65.79 | 66.69 | 65.49 |
| 8 | 72.10 | 72.18 | 72.17 | 72.05 | 71.92 | 71.91 | 66.01 | 66.94 | 65.39 | 65.47 | 66.56 | 65.78 |
| 9 | 72.07 | 72.27 | 72.21 | 72.05 | 71.93 | 71.93 | 66.53 | 67.30 | 66.04 | 65.41 | 67.08 | 65.46 |
| 10 | 72.16 | 72.22 | 72.24 | 72.05 | 71.92 | 71.98 | 66.41 | 67.43 | 66.06 | 65.34 | 69.83 | 65.31 |
| 11 | 72.35 | 72.27 | 72.28 | 72.05 | 71.93 | 71.90 | 66.42 | 67.41 | --- | 65.28 | 69.91 | 65.23 |
| 12 | 72.30 | 72.23 | 72.25 | 72.04 | 71.93 | 71.90 | 66.60 | 67.65 | 65.33 | 66.22 | 67.95 | --- |
| 13 | 72.27 | 72.22 | 72.15 | 72.04 | 71.93 | 71.89 | 66.66 | 67.65 | 65.38 | 67.20 | 66.55 | --- |
| 14 | 72.27 | 72.21 | 72.19 | 72.04 | 71.92 | 71.85 | 66.43 | 67.95 | 65.22 | 68.14 | 67.03 | --- |
| 15 | 72.23 | 72.20 | 72.23 | 72.04 | 71.92 | 71.89 | 66.16 | 67.87 | --- | 68.67 | 67.14 | --- |
| 16 | 72.25 | 72.22 | 72.22 | 72.03 | 71.92 | 71.83 | 66.42 | 67.75 | --- | 68.60 | 67.17 | --- |
| 17 | 72.33 | 72.28 | 72.20 | 72.03 | 71.92 | 71.75 | 66.45 | 68.23 | 65.41 | 68.43 | 67.11 | --- |
| 18 | 72.24 | 71.97 | 72.19 | 72.02 | 71.93 | 71.90 | 65.80 | 68.25 | 65.35 | 68.44 | 66.96 | --- |
| 19 | 72.28 | 72.15 | 72.19 | 72.02 | 71.96 | 72.15 | --- | 68.25 | 65.36 | 68.23 | 66.84 | --- |
| 20 | 72.25 | 72.17 | 72.18 | 72.01 | 71.98 | 72.01 | 66.06 | 68.44 | --- | 67.99 | 66.70 | --- |
| 21 | 72.24 | 72.14 | 72.18 | 72.00 | 71.98 | 71.98 | 66.19 | 69.04 | 65.61 | 67.80 | 66.20 | --- |
| 22 | 72.30 | 72.10 | 72.17 | 72.00 | 71.98 | 71.99 | 66.53 | 68.88 | 65.73 | 67.66 | 66.01 | --- |
| 23 | 72.26 | 72.10 | 72.17 | 71.99 | 71.99 | 71.95 | 66.60 | 67.91 | 65.40 | 67.53 | 65.96 | --- |
| 24 | 72.25 | 71.67 | 72.16 | 71.99 | 72.01 | 71.88 | 65.86 | 67.90 | 65.30 | 67.46 | 65.88 | --- |
| 25 | 72.20 | 71.95 | 72.15 | 71.98 | 72.02 | 71.87 | 66.54 | 67.79 | 65.56 | 67.32 | 65.74 | --- |
| 26 | 72.26 | 71.85 | 72.14 | 71.98 | 72.02 | 71.65 | 66.96 | 67.60 | 66.71 | 67.24 | 65.64 | --- |
| 27 | 72.35 | 72.18 | 72.13 | 71.98 | 72.12 | 70.23 | 66.51 | 67.41 | 66.68 | 67.23 | 65.53 | --- |
| 28 | 72.23 | 72.26 | 72.13 | 71.97 | 72.22 | 69.39 | 66.98 | 67.30 | 65.52 | 67.19 | 65.52 | --- |
| 29 | 72.25 | 72.26 | 72.12 | 71.96 | --- | --- | 67.23 | 66.91 | 65.34 | 67.18 | 65.59 | --- |
| 30 | 72.35 | 72.25 | 72.11 | 71.95 | --- | --- | 67.14 | 66.87 | 65.39 | 67.21 | 65.57 | --- |
| 31 | 72.33 | --- | 72.10 | 71.95 | --- | --- | --- | 66.15 | --- | 67.30 | 65.77 | --- |
| MEAN | 72.22 | 72.18 | 72.17 | 72.02 | 71.96 | --- | --- | 67.57 | --- | --- | 66.75 | --- |
| MAX | 72.35 | 72.39 | 72.28 | 72.09 | 72.22 | --- | --- | 69.04 | --- | --- | 69.91 | --- |
| MIN | 72.07 | 71.67 | 71.94 | 71.95 | 71.92 | --- | --- | 66.15 | --- | --- | 65.52 | --- |

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