

Water-Data Report 2009

05073650 LOWER RED LAKE AT BATTLE RIVER MOUTH NEAR SAUM, MN

Lower Red Basin
Red Lakes Subbasin

LOCATION.--Lat 47°57'35", long 94°44'31" referenced to North American Datum of 1927, in SE ¼ NE ¼ NE ¼ sec.28, T.152 N., R.32 W., Beltrami County, MN, Hydrologic Unit 09020302, on east side of Lower Red Lake, 200 feet upstream of mouth of Battle River on left bank, 900 feet southwest of highway bridge, and 3.2 mi southwest of Saum.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 5, 1996 to current year.

REVISED RECORDS.--Prior to Oct. 1, 1997, maximum elevations, minimum elevations, and daily-mean gage heights revised +0.11 ft.

GAGE.--Water-stage recorder. Datum of gage is 1,100.00 ft above sea level, adjustment of 1912. Prior to Oct. 1, 1997 datum of gage 1099.89 ft.

REMARKS.--Records fair. Water level subject to the stage of the Battle River and periodic obstructions at the mouth; and by lake seiches.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 76.75 ft, Aug. 9, 2001; maximum daily, 76.12 ft, June 19, Aug. 9, 2001; minimum gage height, 73.12 ft, Oct. 17, 27, Nov. 8, 2003; minimum daily, 73.13 ft, Oct. 27, Nov. 9, 2003.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 76.31 ft, June 28; maximum daily, 76.15 ft, June 6, 28; minimum gage height, 73.57 ft, Oct. 5; minimum daily, 73.61 ft, Oct. 5.

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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	73.77	73.79	73.93	74.05	74.12	74.10	---	75.43	75.87	75.94	---	---
2	73.80	73.78	73.94	74.05	74.11	74.09	---	75.45	75.93	75.86	---	---
3	73.70	73.79	73.93	74.08	74.11	74.09	74.82	75.47	75.91	75.78	---	---
4	73.65	73.81	73.93	74.10	74.10	74.09	74.81	75.46	75.93	75.73	---	---
5	73.61	73.87	73.92	74.09	74.10	74.09	74.79	75.47	76.05	75.72	---	---
6	73.65	74.01	73.93	74.10	74.10	74.08	74.76	75.51	76.15	75.71	---	75.12
7	73.83	74.20	73.92	74.10	74.11	74.08	74.75	75.55	75.96	75.71	---	75.09
8	73.85	74.25	73.93	74.09	74.10	74.07	74.76	75.58	75.83	75.67	---	75.05
9	74.10	74.23	73.93	74.10	74.11	74.09	74.77	75.58	75.87	75.64	---	75.16
10	73.71	74.18	73.94	74.09	74.15	74.14	74.78	75.58	75.92	75.67	---	75.13
11	73.75	74.10	73.96	74.10	74.16	74.16	74.80	75.56	75.93	75.68	---	75.11
12	73.84	74.06	73.95	74.10	74.17	74.14	74.82	75.57	75.89	75.68	---	75.12
13	74.07	74.18	73.96	74.09	74.16	74.14	74.85	75.69	75.88	75.68	---	75.12
14	74.02	74.19	74.00	74.09	74.15	74.13	74.89	75.79	75.87	75.69	---	75.10
15	74.08	74.11	74.00	74.08	74.14	74.12	74.93	75.77	75.84	---	---	75.10
16	73.90	74.08	73.99	74.08	74.15	74.14	74.96	75.89	75.83	---	---	75.06
17	73.81	74.08	74.00	74.10	74.16	74.14	75.01	75.75	75.85	---	---	75.08
18	73.78	73.92	74.01	74.10	74.15	74.14	75.05	75.76	75.85	---	---	75.03
19	73.85	74.06	74.01	74.10	74.13	74.13	75.08	75.76	75.87	---	---	75.00
20	73.84	74.07	74.02	74.10	74.13	74.16	75.12	75.76	75.88	---	---	74.96
21	73.73	73.98	74.03	74.10	74.13	74.24	75.13	75.78	75.85	---	---	74.98
22	73.77	73.94	74.03	74.10	74.13	74.30	75.14	75.75	75.85	---	---	75.04
23	73.81	73.95	74.04	74.11	74.11	---	75.15	75.76	75.85	---	---	75.00
24	73.86	73.96	74.04	74.09	74.11	---	75.20	75.74	75.87	---	---	74.97
25	73.95	73.94	74.04	74.09	74.13	---	75.22	75.74	75.89	---	---	74.96
26	74.21	73.94	74.03	74.09	74.14	---	75.26	75.89	75.91	---	---	74.94
27	74.02	73.97	74.05	74.09	74.13	---	75.30	75.84	76.02	---	---	75.11
28	73.87	73.94	74.03	74.10	74.12	---	75.30	75.85	76.15	---	---	75.22
29	73.82	73.93	74.06	74.11	---	---	75.33	75.87	76.05	---	---	74.93
30	73.81	73.93	74.06	74.10	---	---	75.41	75.94	75.99	---	---	74.79
31	73.83	---	74.05	74.11	---	---	---	75.89	---	---	---	---
Mean	73.85	74.01	73.99	74.09	74.13	---	---	75.69	75.92	---	---	---
Max	74.21	74.25	74.06	74.11	74.17	---	---	75.94	76.15	---	---	---
Min	73.61	73.78	73.92	74.05	74.10	---	---	75.43	75.83	---	---	---

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