

Water-Data Report 2011

482033100260501 SOURIS RIVER AT BNSF CROSSING AT TOWNER, ND

Souris Basin
Lower Souris Subbasin

LOCATION.--Lat 48°20'33", long 100°26'05" referenced to North American Datum of 1983, in NW ¼ SE ¼ SE ¼ sec.9, T.156 N., R.76 W., McHenry County, ND, Hydrologic Unit 09010003, on upstream side of railroad bridge 1.1 mi west of Towner.

DRAINAGE AREA.--Not determined.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June to August (daily gage heights only).

GAGE.--Water stage recorder. Elevation of gage in feet above National Geodetic Vertical Datum of 1929.

REGULATION.-- Flow regulated by reservoirs on Souris, Des Lacs, and Wintering Rivers, total capacity, about 700,800 acre-ft. Diversions for irrigation of about 7,000 acres at Eaton Dam about 42 mi above station and other small diversions for irrigation and municipal supply.

EXTREMES FOR CURRENT YEAR.--Maximum elevation, 1,459.88 ft, June 28; minimum daily gage height, 1456.41 ft, July 31, August 1.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	1,459.42	1,456.41	---
2	---	---	---	---	---	---	---	---	---	1,459.34	---	---
3	---	---	---	---	---	---	---	---	---	1,459.23	---	---
4	---	---	---	---	---	---	---	---	---	1,459.12	---	---
5	---	---	---	---	---	---	---	---	---	1,459.02	---	---
6	---	---	---	---	---	---	---	---	---	1,458.90	---	---
7	---	---	---	---	---	---	---	---	---	1,458.78	---	---
8	---	---	---	---	---	---	---	---	---	1,458.69	---	---
9	---	---	---	---	---	---	---	---	---	1,458.65	---	---
10	---	---	---	---	---	---	---	---	---	1,458.46	---	---
11	---	---	---	---	---	---	---	---	---	1,458.25	---	---
12	---	---	---	---	---	---	---	---	---	1,458.04	---	---
13	---	---	---	---	---	---	---	---	---	1,457.88	---	---
14	---	---	---	---	---	---	---	---	---	1,457.77	---	---
15	---	---	---	---	---	---	---	---	---	1,457.71	---	---
16	---	---	---	---	---	---	---	---	---	1,457.55	---	---
17	---	---	---	---	---	---	---	---	---	1,457.28	---	---
18	---	---	---	---	---	---	---	---	---	1,457.00	---	---
19	---	---	---	---	---	---	---	---	---	1,456.78	---	---
20	---	---	---	---	---	---	---	---	---	1,456.70	---	---
21	---	---	---	---	---	---	---	---	---	1,456.60	---	---
22	---	---	---	---	---	---	---	---	---	1,456.56	---	---
23	---	---	---	---	---	---	---	---	---	1,456.60	---	---
24	---	---	---	---	---	---	---	---	---	1,456.61	---	---
25	---	---	---	---	---	---	---	---	1,458.03	1,456.60	---	---
26	---	---	---	---	---	---	---	---	1,458.38	1,456.62	---	---
27	---	---	---	---	---	---	---	---	1,459.65	1,456.63	---	---
28	---	---	---	---	---	---	---	---	1,459.82	1,456.55	---	---
29	---	---	---	---	---	---	---	---	1,459.68	1,456.46	---	---
30	---	---	---	---	---	---	---	---	1,459.54	1,456.43	---	---
31	---	---	---	---	---	---	---	---	---	1,456.41	---	---
Mean	---	---	---	---	---	---	---	---	1,459.18	1,457.63	1,456.41	---
Max	---	---	---	---	---	---	---	---	1,459.82	1,459.42	1,456.41	---
Min	---	---	---	---	---	---	---	---	1,458.03	1,456.41	1,456.41	---

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