

Water-Data Report 2011

05056255 LAKE ALICE-IRVINE CHANNEL NEAR CHURCHS FERRY, ND

Devils Lake-Sheyenne Basin
Devils Lake Subbasin

LOCATION.--Lat 48°19'25", long 99°08'43" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec.21, T.156 N., R.66 W., Ramsey County, ND, Hydrologic Unit 09020201, on downstream side of control structure between Lake Alice and Lake Irvine.

DRAINAGE AREA.--999 mi², approximately.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--March 1985 to September 1987 (seasonal records only) and April 1998 to February 2011 (discontinued).

GAGE.--Water-stage recorder. Datum of gage is 1,400.00 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Gage heights are frequently affected by wind. Gage relocated to station 05056265 in February 2011 because of high lake levels.

EXTREMES FOR PERIOD OF RECORD.--Maximum recorded, 52.32 ft, June 30, 2010; maximum daily recorded, 52.27 ft, July 2, 2010; minimum recorded, 39.51 ft, October 7, 1985.

EXTREMES FOR CURRENT YEAR.--Maximum recorded, 51.82 ft, February 3; maximum daily recorded, 51.80 ft, February 3; minimum daily recorded, 51.33 ft, October 27, 28.

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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	51.63	51.52	51.50	51.69	51.77	---	---	---	---	---	---	---
2	51.61	51.53	51.50	51.69	51.79	---	---	---	---	---	---	---
3	51.66	51.49	51.51	51.69	51.80	---	---	---	---	---	---	---
4	---	51.48	51.53	51.70	---	---	---	---	---	---	---	---
5	---	51.52	51.53	51.71	---	---	---	---	---	---	---	---
6	51.64	51.54	51.53	51.71	---	---	---	---	---	---	---	---
7	51.63	51.53	51.52	51.72	---	---	---	---	---	---	---	---
8	51.62	51.52	51.53	51.71	---	---	---	---	---	---	---	---
9	51.60	51.51	51.54	51.71	---	---	---	---	---	---	---	---
10	51.58	51.51	51.53	51.72	---	---	---	---	---	---	---	---
11	51.58	51.47	51.52	51.72	---	---	---	---	---	---	---	---
12	51.54	51.49	51.52	51.73	---	---	---	---	---	---	---	---
13	51.52	51.49	51.53	51.74	---	---	---	---	---	---	---	---
14	51.52	51.47	51.53	51.75	---	---	---	---	---	---	---	---
15	51.55	51.47	51.56	51.75	---	---	---	---	---	---	---	---
16	51.50	51.49	51.62	51.77	---	---	---	---	---	---	---	---
17	51.50	51.45	51.63	51.77	---	---	---	---	---	---	---	---
18	51.50	51.49	51.63	51.77	---	---	---	---	---	---	---	---
19	51.48	51.44	51.63	51.78	---	---	---	---	---	---	---	---
20	51.43	51.48	51.64	51.77	---	---	---	---	---	---	---	---
21	51.43	51.50	51.66	51.78	---	---	---	---	---	---	---	---
22	51.45	51.49	51.66	51.77	---	---	---	---	---	---	---	---
23	51.44	51.48	51.67	51.79	---	---	---	---	---	---	---	---
24	51.42	51.50	51.67	51.78	---	---	---	---	---	---	---	---
25	51.45	51.52	51.68	51.78	---	---	---	---	---	---	---	---
26	51.36	51.50	51.69	51.78	---	---	---	---	---	---	---	---
27	51.33	51.50	51.70	51.78	---	---	---	---	---	---	---	---
28	51.33	51.50	51.70	51.78	---	---	---	---	---	---	---	---
29	51.40	51.50	51.70	51.77	---	---	---	---	---	---	---	---
30	51.43	51.50	51.72	51.76	---	---	---	---	---	---	---	---
31	51.48	---	51.70	51.77	---	---	---	---	---	---	---	---
Mean	---	51.50	51.60	51.75	---	---	---	---	---	---	---	---
Max	---	51.54	51.72	51.79	---	---	---	---	---	---	---	---
Min	---	51.44	51.50	51.69	---	---	---	---	---	---	---	---

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