

Water-Data Report 2008

**06479449 LAKE KAMPESKA AT WATER TREATMENT PLANT, AT WATERTOWN, SD**

Big Sioux Basin  
Upper Big Sioux Subbasin

LOCATION.--Lat 44°55'04", long 97°11'17" referenced to North American Datum of 1927, in NW ¼ NW ¼ NW ¼ sec.27, T.117 N., R.53 W., Codington County, SD, Hydrologic Unit 10170202, along east/southeast side of Lake Kampeska at Water Treatment Plant northwest of Watertown about 3 mi.

DRAINAGE AREA.--28.8 mi<sup>2</sup>, Does not include upstream drainage area of the Big Sioux River, which can contribute inflow to the lake.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 2001 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,697.93 ft above NGVD of 1929.

REMARKS.--Published stage records good. Satellite data-collection platform at station. Stage affected by Big Sioux River.

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**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18.62	18.59	18.43	18.44	18.39	18.39	18.60	19.29	19.48	19.90	19.44	19.04
2	18.61	18.60	18.47	18.43	18.38	18.38	18.62	19.41	19.46	19.88	19.41	19.12
3	18.58	18.57	18.46	18.42	18.39	18.38	18.63	19.44	19.46	19.84	19.39	19.06
4	18.56	18.57	18.46	18.42	18.39	18.38	18.65	19.41	19.46	19.81	19.38	19.04
5	18.55	18.63	18.46	18.42	18.39	18.38	18.66	19.43	19.46	19.78	19.37	19.06
6	18.55	18.55	18.46	18.41	18.39	18.38	18.68	19.44	19.57	19.77	19.35	19.03
7	18.57	18.53	18.46	18.41	18.39	18.38	18.70	19.46	19.52	19.76	19.33	19.01
8	18.58	18.53	18.46	18.41	18.39	18.38	18.71	19.47	19.52	19.74	19.30	18.99
9	18.57	18.52	18.45	18.41	18.39	18.38	18.73	19.50	19.54	19.71	19.28	18.97
10	18.53	18.51	18.45	18.41	18.39	18.38	18.76	19.58	19.51	19.68	19.44	18.94
11	18.50	18.52	18.44	18.41	18.39	18.38	18.82	19.59	19.57	19.68	19.47	18.95
12	18.50	18.51	18.45	18.40	18.38	18.39	18.83	19.58	19.67	19.65	19.52	18.94
13	18.49	18.51	---	18.41	18.38	18.41	18.84	19.62	19.73	19.56	19.51	18.95
14	18.49	18.60	---	18.41	18.39	18.41	18.85	19.61	19.82	19.52	19.49	19.00
15	18.53	18.49	---	18.41	18.39	18.41	18.86	19.63	19.95	19.50	19.48	18.93
16	18.60	18.48	---	18.41	18.39	18.41	18.88	19.66	20.00	19.47	19.47	18.92
17	18.61	18.47	18.46	18.41	18.39	18.42	18.91	19.70	20.03	19.53	19.44	18.90
18	18.69	18.46	18.45	18.41	18.39	18.43	18.99	19.64	20.05	19.52	19.42	18.88
19	18.76	18.47	18.44	18.40	18.39	18.44	19.05	19.64	20.06	19.52	19.40	18.87
20	18.67	18.47	18.44	18.40	18.39	18.47	19.08	19.65	20.06	19.51	19.36	18.85
21	18.68	18.47	18.44	18.40	18.38	18.51	19.14	19.62	20.05	19.49	19.32	18.84
22	18.67	18.45	18.44	18.40	18.38	18.52	19.13	19.61	20.04	19.47	19.31	18.82
23	18.69	18.44	18.44	18.40	18.38	18.52	19.14	19.58	20.02	19.43	19.27	18.84
24	18.66	18.43	18.45	18.40	18.38	18.53	19.16	19.55	20.00	19.41	19.24	18.83
25	18.64	18.43	18.44	18.39	18.39	18.53	19.29	19.58	19.99	19.44	19.21	18.80
26	18.65	18.43	18.44	18.39	18.39	18.53	19.37	19.59	19.97	19.42	19.17	18.80
27	18.64	18.42	18.44	18.39	18.39	18.54	19.30	19.50	19.98	19.44	19.16	18.78
28	18.62	18.41	18.44	18.39	18.39	18.55	19.30	19.49	20.03	19.44	19.15	18.77
29	18.62	18.40	18.44	18.39	18.38	18.55	19.29	19.49	19.95	19.47	19.12	18.78
30	18.64	18.40	18.44	18.39	---	18.55	19.28	19.51	19.91	19.44	19.08	18.75
31	18.66	---	18.44	18.39	---	18.58	---	19.50	---	19.47	19.05	---
<b>Mean</b>	18.60	18.50	---	18.41	18.39	18.45	18.94	19.54	19.80	19.59	19.33	18.92
<b>Max</b>	18.76	18.63	---	18.44	18.39	18.58	19.37	19.70	20.06	19.90	19.52	19.12
<b>Min</b>	18.49	18.40	---	18.39	18.38	18.38	18.60	19.29	19.46	19.41	19.05	18.75

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