

Water-Data Report 2009

**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 2008 TO SEPTEMBER 2009**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18.73	18.83	18.96	18.91	18.87	18.87	21.53	20.21	19.64	19.26	19.08	18.69
2	18.71	18.83	18.96	18.91	18.87	18.87	21.44	20.18	19.62	19.24	19.04	18.67
3	18.69	18.84	18.97	18.91	18.87	18.87	21.37	20.16	19.59	19.23	19.03	18.68
4	18.66	18.84	18.96	18.92	18.87	18.86	21.32	20.14	19.57	19.24	19.01	18.68
5	18.67	18.85	18.96	18.91	18.87	18.85	21.27	20.14	19.54	19.24	18.99	18.66
6	18.71	18.90	18.96	18.90	18.87	18.84	21.20	20.11	19.51	19.23	18.98	18.65
7	18.77	19.03	18.95	18.89	18.86	18.84	21.13	20.09	19.51	19.27	18.95	18.63
8	18.76	19.01	18.96	18.89	18.86	18.83	21.08	20.06	19.58	19.31	18.99	18.61
9	18.73	18.93	18.98	18.91	18.87	18.83	21.02	20.05	19.57	19.33	19.00	18.62
10	18.70	18.91	18.97	18.91	18.87	18.83	20.97	20.02	19.57	19.34	19.00	18.61
11	18.71	18.92	18.96	18.90	18.87	18.83	20.91	19.99	19.56	19.33	18.98	18.60
12	18.78	18.93	18.96	18.92	18.86	18.83	20.86	19.95	19.54	19.33	18.97	18.61
13	18.82	18.94	18.95	18.93	18.86	18.83	20.83	20.01	19.53	19.32	18.95	18.60
14	18.80	18.98	18.98	18.93	18.86	18.82	20.77	19.95	19.52	19.35	18.93	18.58
15	18.81	18.96	18.98	18.93	18.86	18.82	20.71	19.95	19.51	19.35	18.93	18.57
16	18.79	18.96	18.97	18.93	18.85	18.87	20.66	19.89	19.51	19.31	18.96	18.56
17	18.78	18.96	18.97	18.92	18.85	19.24	20.63	19.85	19.50	19.27	18.93	18.55
18	18.78	18.94	18.96	18.91	18.84	19.76	20.59	19.84	19.50	19.24	18.88	18.54
19	18.79	18.97	18.96	18.91	18.84	20.10	20.56	19.81	19.49	19.22	18.93	18.52
20	18.78	18.96	18.96	18.91	18.84	20.29	20.54	19.79	19.47	19.22	18.92	18.49
21	18.77	18.96	18.96	18.91	18.85	20.40	20.47	19.78	19.46	19.27	18.90	18.49
22	18.80	18.97	18.96	18.91	18.85	20.49	20.43	19.75	19.48	19.26	18.87	18.48
23	18.82	18.97	18.95	18.90	18.85	20.80	20.39	19.73	19.46	19.25	18.85	18.46
24	18.84	18.98	18.95	18.90	18.84	21.42	20.38	19.70	19.44	19.24	18.84	18.45
25	18.86	18.98	18.95	18.90	18.83	21.75	20.32	19.69	19.44	19.22	18.83	18.47
26	19.00	18.97	18.94	18.89	18.86	21.82	20.30	19.76	19.42	19.19	18.81	18.47
27	18.85	18.96	18.94	18.89	18.88	21.81	20.29	19.72	19.43	19.18	18.80	18.51
28	18.81	18.96	18.93	18.88	18.87	21.76	20.23	19.71	19.39	19.15	18.78	18.49
29	18.82	18.96	18.93	18.88	---	21.70	20.22	19.69	19.33	19.12	18.76	18.38
30	18.82	18.96	18.93	18.88	---	21.64	20.25	19.67	19.30	19.11	18.73	18.34
31	18.83	---	18.92	18.88	---	21.61	---	19.65	---	19.09	18.71	---
<b>Mean</b>	18.78	18.94	18.96	18.91	18.86	19.87	20.76	19.90	19.50	19.25	18.91	18.56
<b>Max</b>	19.00	19.03	18.98	18.93	18.88	21.82	21.53	20.21	19.64	19.35	19.08	18.69
<b>Min</b>	18.66	18.83	18.92	18.88	18.83	18.82	20.22	19.65	19.30	19.09	18.71	18.34

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