

Water-Data Report 2013

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

Big Sioux Basin
Middle Big Sioux Coteau Subbasin

LOCATION.--Lat 44°55'02.2", long 97°11'13.5" 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 10170201, along east/southeast side of Lake Kampeska at Water Treatment Plant northwest of Watertown about 3 mi.

DRAINAGE AREA.--186 mi² of which 154 mi² probably is noncontributing.

SURFACE-WATER RECORDS

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

REVISED RECORDS.--WDR SD-10-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,700.00 ft above NGVD of 1929. Prior to Oct. 1, 2010, gage datum at 1697.93 ft.

REMARKS.--Published stage records good except those for Jan. 27 to Jul. 1, which are fair. Satellite data-collection platform at station. Stage affected by Big Sioux River.

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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14.96	14.86	14.81	14.85	---	15.05	15.28	16.52	16.94	17.60	17.47	16.93
2	14.92	14.85	14.81	14.83	---	15.05	15.29	16.58	16.90	17.58	17.45	16.89
3	14.91	14.85	14.81	14.83	---	15.05	15.29	16.61	16.89	17.57	17.43	16.87
4	14.98	14.85	14.82	14.83	---	15.06	15.30	16.63	16.90	17.55	17.41	16.85
5	14.90	14.86	14.80	14.83	---	15.09	15.30	16.66	16.91	17.53	17.40	16.83
6	14.86	14.90	14.81	14.83	---	15.11	15.30	16.69	16.94	17.53	17.39	16.81
7	14.83	14.85	14.81	14.83	---	15.11	15.32	16.70	16.94	17.52	17.37	16.80
8	14.84	14.85	14.83	14.83	14.98	15.12	15.37	---	16.95	17.51	17.37	16.78
9	14.86	14.83	14.86	14.83	14.98	15.18	15.42	16.66	17.02	17.56	17.36	16.77
10	14.81	14.86	14.86	14.83	14.98	15.22	15.46	16.68	17.05	17.55	17.34	16.75
11	14.81	14.89	14.85	14.84	15.00	15.23	15.53	16.70	17.05	17.53	17.33	16.72
12	14.78	14.86	14.85	14.87	15.02	15.23	15.57	16.66	17.02	17.50	17.32	16.68
13	14.78	14.83	14.84	14.88	15.02	15.23	15.61	16.66	17.08	17.50	17.29	16.66
14	14.79	14.83	14.85	14.88	15.02	15.24	15.69	16.69	17.09	17.57	17.26	16.63
15	14.77	14.83	14.86	14.90	15.02	15.24	15.73	16.67	17.09	17.61	17.24	16.64
16	14.77	14.82	14.87	14.90	15.02	15.24	15.75	16.67	17.10	17.62	17.22	16.61
17	14.87	14.81	14.87	14.92	15.03	15.25	15.77	16.66	17.09	17.65	17.20	16.58
18	15.02	14.82	14.86	14.91	15.02	15.25	15.80	16.68	17.11	17.67	17.17	16.59
19	14.99	14.83	14.86	14.92	15.03	15.25	15.83	16.72	17.10	17.67	17.16	16.67
20	14.89	14.82	14.87	14.94	15.03	15.25	15.84	16.73	17.09	17.67	17.15	16.64
21	14.89	14.82	14.87	14.96	15.03	15.25	15.87	16.79	17.14	17.66	17.14	16.60
22	14.89	14.89	14.87	14.98	15.03	15.25	15.89	16.82	17.31	17.66	17.10	16.56
23	14.89	14.86	14.87	15.00	15.03	15.25	15.91	16.82	17.39	17.64	17.08	16.53
24	14.91	14.82	14.87	15.02	15.03	15.25	15.92	16.81	17.44	17.63	17.05	16.52
25	14.94	14.82	14.87	15.03	15.04	15.26	15.94	16.81	17.50	17.61	17.04	16.51
26	14.90	14.81	14.87	15.06	15.04	15.26	15.95	16.82	17.53	17.60	17.03	16.49
27	14.87	14.81	14.86	---	15.03	15.26	15.97	16.84	17.56	17.55	17.02	16.50
28	14.87	14.81	14.85	---	15.04	15.27	16.04	16.86	17.50	17.52	17.01	16.63
29	14.86	14.81	14.85	---	---	15.29	16.22	16.87	17.55	17.49	17.00	16.60
30	14.85	14.81	14.85	---	---	15.29	16.41	16.90	17.60	17.48	16.98	16.58
31	14.86	---	14.85	---	---	15.28	---	16.90	---	17.48	16.96	---
Mean	14.87	14.84	14.85	---	---	15.21	15.69	---	17.16	17.57	17.22	16.67
Max	15.02	14.90	14.87	---	---	15.29	16.41	---	17.60	17.67	17.47	16.93
Min	14.77	14.81	14.80	---	---	15.05	15.28	---	16.89	17.48	16.96	16.49

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