



Water-Data Report 2010

06795640 Loeske Creek 0.5 Mile above Mouth near Columbus, Nebr.

Lower Platte Basin
Lower Platte-Shell Subbasin

LOCATION.--Lat 41°31'33", long 97°15'44" referenced to North American Datum of 1983, in SW ¼ SE ¼ sec.13, T.18 N., R.1 E., Platte County, NE, Hydrologic Unit 10200201.

DRAINAGE AREA.--114.07 mi².

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Seasonal record beginning August 21, 2008 through December 01, 2009.

INSTRUMENTATION.--Seasonal deployment of a continuous water-quality monitor. Measured parameters include water temperature and specific conductance. Stream stage was also measured for the purpose of understanding fluctuations in the other parameters, but will not be published.

REMARKS.--The water-temperature record and specific-conductance record are rated excellent. Interruptions in the seasonal record are due to instrument malfunction, ice conditions or measured error outside of allowable limits.

EXTREMES FOR PERIOD OF RECORD.--These extremes may have been exceeded during non-measured portions of the record.

WATER TEMPERATURE: Maximum, 30.9°C, June 25; Minimum, 0.3°C, November 30.

SPECIFIC CONDUCTANCE: Maximum, 950 microsiemens/cm, November 9; Minimum, 234 microsiemens/cm, October 23.

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**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	783	769	777	807	776	801	---	---	---	---	---	---
2	783	771	778	816	801	808	---	---	---	---	---	---
3	783	775	778	832	816	824	---	---	---	---	---	---
4	787	775	780	841	831	835	---	---	---	---	---	---
5	784	766	774	841	833	838	---	---	---	---	---	---
6	771	757	765	839	831	836	---	---	---	---	---	---
7	773	768	771	840	832	837	---	---	---	---	---	---
8	778	768	773	840	832	836	---	---	---	---	---	---
9	795	776	787	841	834	838	---	---	---	---	---	---
10	806	794	802	842	833	837	---	---	---	---	---	---
11	806	801	805	835	821	828	---	---	---	---	---	---
12	805	794	801	829	820	824	---	---	---	---	---	---
13	800	786	792	825	818	822	---	---	---	---	---	---
14	794	786	790	823	815	820	---	---	---	---	---	---
15	791	779	787	826	819	823	---	---	---	---	---	---
16	808	777	792	826	816	822	---	---	---	---	---	---
17	824	808	816	824	814	820	---	---	---	---	---	---
18	826	816	820	823	812	817	---	---	---	---	---	---
19	824	806	817	817	806	812	---	---	---	---	---	---
20	817	802	810	814	804	809	---	---	---	---	---	---
21	812	778	800	814	803	808	---	---	---	---	---	---
22	798	759	772	810	799	805	---	---	---	---	---	---
23	787	677	742	810	786	803	---	---	---	---	---	---
24	732	677	703	798	782	789	---	---	---	---	---	---
25	720	701	707	824	784	800	---	---	---	---	---	---
26	771	709	736	831	824	828	---	---	---	---	---	---
27	805	771	791	827	819	823	---	---	---	---	---	---
28	830	805	818	822	815	819	---	---	---	---	---	---
29	830	813	821	821	817	819	---	---	---	---	---	---
30	813	791	805	824	820	822	---	---	---	---	---	---
31	803	747	794	---	---	---	---	---	---	---	---	---
Month	830	677	784	842	776	820	---	---	---	---	---	---

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SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

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**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	13.8	11.6	13.2	8.5	6.5	7.5	---	---	---	---	---	---
2	11.6	9.8	10.7	9.0	7.3	8.2	---	---	---	---	---	---
3	11.2	9.7	10.3	7.3	5.5	6.1	---	---	---	---	---	---
4	10.5	8.4	9.5	6.2	4.2	5.2	---	---	---	---	---	---
5	10.8	9.9	10.3	6.6	3.4	5.1	---	---	---	---	---	---
6	11.1	9.6	10.4	7.8	4.7	6.4	---	---	---	---	---	---
7	10.9	7.8	9.4	8.3	6.0	7.2	---	---	---	---	---	---
8	10.8	8.6	9.7	9.1	6.6	8.0	---	---	---	---	---	---
9	9.6	7.2	8.3	8.4	6.3	7.7	---	---	---	---	---	---
10	7.7	5.2	6.3	8.0	5.8	7.0	---	---	---	---	---	---
11	5.6	5.0	5.2	7.7	5.4	6.7	---	---	---	---	---	---
12	5.9	4.8	5.2	10.0	7.6	8.7	---	---	---	---	---	---
13	5.2	4.6	4.9	9.7	8.9	9.2	---	---	---	---	---	---
14	5.2	4.6	4.9	8.9	7.3	8.1	---	---	---	---	---	---
15	6.6	5.2	5.8	7.3	5.5	6.3	---	---	---	---	---	---
16	7.3	5.8	6.6	6.3	4.8	5.6	---	---	---	---	---	---
17	7.8	6.5	7.0	4.8	2.9	3.7	---	---	---	---	---	---
18	8.8	5.8	7.2	3.2	1.2	2.4	---	---	---	---	---	---
19	10.4	7.9	9.0	4.0	2.1	3.0	---	---	---	---	---	---
20	10.4	9.6	10.0	3.2	1.3	2.4	---	---	---	---	---	---
21	10.9	9.3	10.3	4.3	0.8	2.5	---	---	---	---	---	---
22	9.3	6.4	8.2	6.0	3.8	4.9	---	---	---	---	---	---
23	6.4	5.1	5.5	6.6	5.3	6.0	---	---	---	---	---	---
24	5.5	4.4	5.0	6.3	4.7	5.6	---	---	---	---	---	---
25	6.9	5.3	6.1	4.7	3.2	4.2	---	---	---	---	---	---
26	7.7	5.6	6.5	3.2	1.6	2.2	---	---	---	---	---	---
27	7.4	4.7	6.1	2.8	0.8	1.7	---	---	---	---	---	---
28	8.4	6.2	7.3	3.3	1.0	2.2	---	---	---	---	---	---
29	9.7	8.3	8.9	3.2	1.6	2.5	---	---	---	---	---	---
30	9.2	7.7	8.6	2.1	0.3	1.2	---	---	---	---	---	---
31	7.8	6.5	7.2	---	---	---	---	---	---	---	---	---
Month	13.8	4.4	7.9	10.0	0.3	5.2	---	---	---	---	---	---

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