

Water-Data Report 2013

06805500 Platte River at Louisville, Nebr.

Lower Platte Basin
Lower Platte Subbasin

LOCATION.--Lat 41°00'55", long 96°09'28" referenced to North American Datum of 1983, in NW ¼ NW ¼ sec.14, T.12 N., R.11 E., Sarpy County, NE, Hydrologic Unit 10200202, on left bank at downstream side of bridge on Nebraska Highway 50, 1 mi north of Louisville, and at mile 16.5.

DRAINAGE AREA.--85,370 mi² of which 14,370 mi² probably is noncontributing.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--DAILY DISCHARGE--May 1953 to current year. October 1961 to September 1973 published as Platte River at South Bend.

PERIOD OF RECORD.--DAILY GAGE HEIGHT--October 2009 to current year.

REVISED RECORDS.--WDR NE-97-1: Drainage area; 1995.

GAGE.--Water-stage recorder with satellite telemetry. Datum of gage is 1,007.10 ft above sea level. Dec. 5, 1961 to Sept. 30, 1973, at site 7 mi upstream at datum 31.43 ft higher.

REMARKS.--Records good except for the estimated daily discharges, which are poor. Natural flow of stream affected by storage reservoirs, power developments, groundwater withdrawals, diversions for irrigation, and return flow from irrigated areas.

06805500 Platte River at Louisville, Nebr.—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,460	3,160	4,430	e1,780	e3,280	7,760	6,210	5,290	15,000	5,340	2,630	2,250
2	1,580	3,780	4,380	e1,870	e3,150	7,320	6,000	6,420	12,700	4,590	3,470	1,940
3	e1,600	3,300	4,060	e2,020	e3,150	6,570	5,240	7,870	11,200	4,350	3,720	1,470
4	e1,740	1,850	3,870	e2,220	e3,320	7,100	5,290	8,520	9,600	3,880	3,690	1,490
5	1,830	3,080	4,330	e2,460	e4,180	6,910	4,860	8,270	8,890	3,500	4,500	1,300
6	1,820	3,620	4,340	e2,770	e5,160	6,410	4,530	7,230	8,090	3,080	4,490	1,370
7	1,730	3,520	3,790	e3,130	e5,420	5,990	5,240	6,640	7,670	2,950	4,100	1,540
8	1,580	3,170	4,410	e3,490	e5,260	6,370	5,650	6,620	6,500	2,760	3,770	1,570
9	1,470	3,410	4,200	e3,910	e6,320	6,520	6,280	5,890	8,770	2,650	3,880	1,760
10	1,740	3,420	4,150	e4,330	e8,660	6,530	7,530	6,600	7,690	2,570	3,860	1,370
11	1,610	3,510	e1,920	e4,840	e9,420	7,230	12,400	6,330	7,440	2,490	3,850	2,350
12	1,820	3,760	e2,520	e4,690	7,470	6,270	10,300	6,150	6,460	2,330	3,450	2,400
13	2,050	4,080	e2,520	e4,500	6,860	7,280	9,290	5,970	5,840	2,290	2,980	1,830
14	2,340	4,110	e2,720	e4,350	7,670	6,420	8,140	5,570	5,510	2,070	3,150	1,450
15	2,190	3,970	e2,930	e4,290	6,830	6,080	7,490	5,540	6,200	1,630	3,240	1,780
16	2,210	4,120	e3,960	e4,320	6,040	6,190	7,410	4,960	6,510	1,820	4,080	1,570
17	2,130	3,840	e5,170	e4,270	5,020	6,350	8,660	4,880	6,770	1,570	4,410	1,700
18	1,950	3,620	e5,150	e4,320	5,310	6,470	10,100	4,160	5,580	1,740	4,120	1,730
19	2,220	3,220	e4,940	e4,350	6,310	6,250	9,360	5,410	5,150	1,510	4,710	2,000
20	2,270	3,410	e4,350	e3,890	e5,400	6,450	8,360	5,320	4,670	1,460	4,680	2,270
21	2,140	3,770	e2,770	e3,360	e2,730	6,450	7,640	5,010	3,930	1,710	3,830	2,120
22	2,810	4,130	e1,580	e3,000	e990	6,270	8,190	6,050	4,060	1,430	3,680	2,110
23	2,920	3,860	e1,430	e3,060	e1,590	5,890	9,440	6,300	4,520	1,430	3,500	2,250
24	2,800	3,290	e1,870	e2,950	e2,850	5,650	8,170	5,250	5,730	1,460	3,900	2,120
25	2,750	3,270	e1,840	e3,100	e3,260	5,620	8,400	5,380	7,170	1,530	4,280	2,200
26	3,230	3,540	e1,600	e3,500	e3,130	5,240	8,210	5,490	6,640	1,420	4,460	1,890
27	2,910	e3,720	e1,350	e3,540	e4,590	5,130	7,220	9,300	6,320	1,600	3,810	1,770
28	3,070	3,770	e1,370	e3,820	e5,950	5,220	6,950	14,800	6,010	1,710	3,600	2,510
29	e3,460	3,690	e1,380	e4,360	---	5,620	7,050	13,800	5,740	2,220	3,080	2,750
30	3,280	2,990	e1,550	e4,210	---	5,560	6,650	21,200	5,330	2,900	2,860	2,390
31	3,240	---	e1,810	e3,590	---	6,320	---	17,500	---	2,690	2,600	---
Total	69,950	105,980	96,690	110,290	139,320	195,440	226,260	233,720	211,690	74,680	116,380	57,250
Mean	2,256	3,533	3,119	3,558	4,976	6,305	7,542	7,539	7,056	2,409	3,754	1,908
Max	3,460	4,130	5,170	4,840	9,420	7,760	12,400	21,200	15,000	5,340	4,710	2,750
Min	1,460	1,850	1,350	1,780	990	5,130	4,530	4,160	3,930	1,420	2,600	1,300
Ac-ft	138,700	210,200	191,800	218,800	276,300	387,700	448,800	463,600	419,900	148,100	230,800	113,600

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	5,315	5,650	5,012	4,915	7,674	10,850	9,768	9,845	11,910	6,280	4,237	4,293
Max	15,630	10,580	10,910	10,810	17,270	27,010	34,250	35,350	51,120	43,440	13,890	12,870
(WY)	(1987)	(1987)	(1985)	(1998)	(1984)	(1993)	(1984)	(1984)	(2010)	(1993)	(1993)	(1993)
Min	1,604	2,234	1,456	1,822	3,237	4,898	3,701	2,548	2,489	978	519	975
(WY)	(1957)	(1956)	(1956)	(1957)	(1955)	(1957)	(1967)	(1955)	(2006)	(1974)	(1955)	(1955)

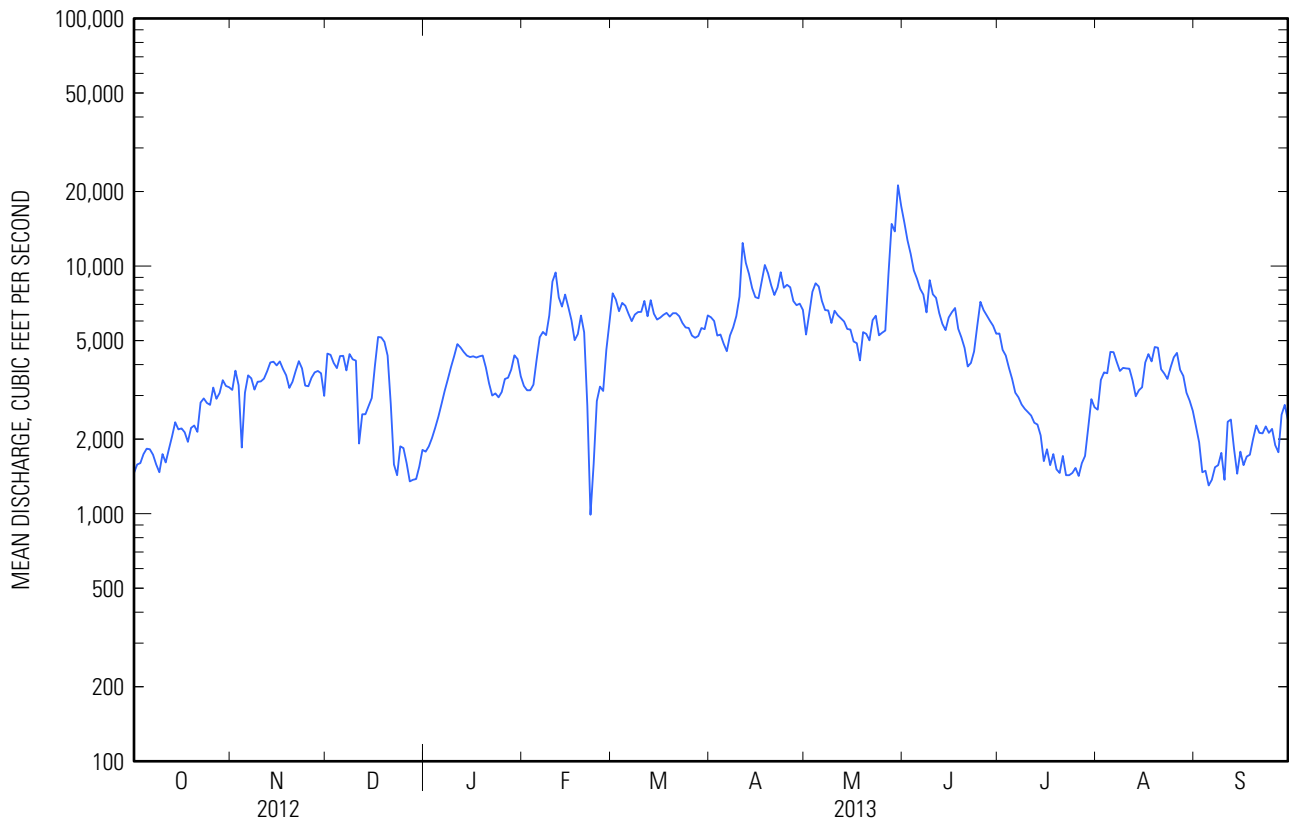
06805500 Platte River at Louisville, Nebr.—Continued

SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 1953 - 2013	
Annual total	1,738,143		1,637,650			
Annual mean	4,749		4,487		7,153	
Highest annual mean					16,210	1984
Lowest annual mean					2,885	1956
Highest daily mean	16,800	Apr 15	21,200	May 30	138,000	Jul 25, 1993
Lowest daily mean	393	Aug 17	990	Feb 22	131	Sep 3, 1976
Annual seven-day minimum	451	Aug 1	1,490	Sep 4	159	Aug 29, 1976
Maximum peak flow			24,900	May 30	^a 160,000 Jul 25, 1993	
Maximum peak stage			6.48	May 30	^b 12.45 Mar 30, 1960	
Annual runoff (ac-ft)	3,448,000		3,248,000		5,182,000	
10 percent exceeds	9,610		7,510		12,900	
50 percent exceeds	4,060		3,930		5,470	
90 percent exceeds	671		1,710		2,070	

^a Gage height, 11.90 ft; maximum discharge known since at least 1881.

^b Discharge, 124,000 ft³/s.

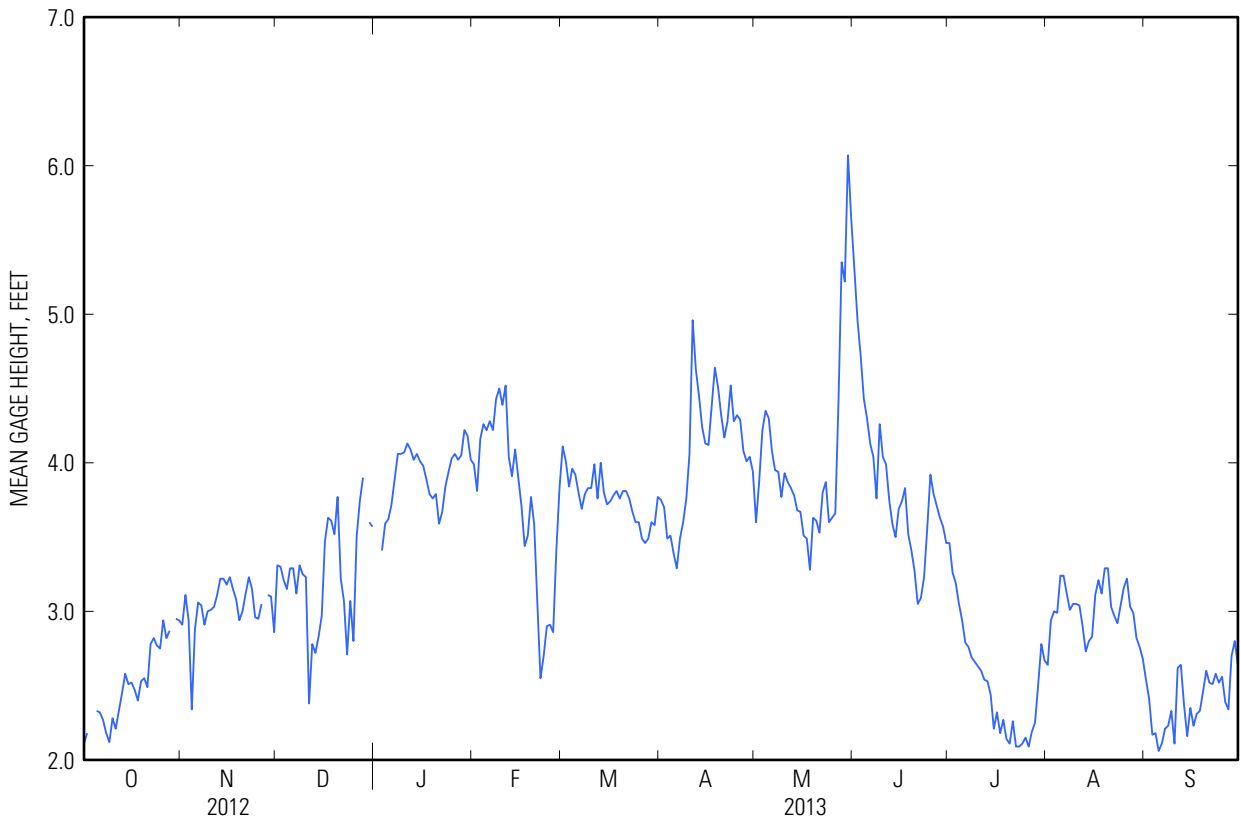


06805500 Platte River at Louisville, Nebr.—Continued

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	2.11	2.91	3.31	---	3.99	4.11	3.75	3.60	5.31	3.46	2.64	2.54
2	2.18	3.11	3.30	---	3.81	4.01	3.70	3.88	4.96	3.26	2.94	2.41
3	---	2.94	3.21	3.41	4.16	3.84	3.49	4.22	4.72	3.19	3.00	2.17
4	---	2.34	3.15	3.59	4.26	3.96	3.51	4.35	4.43	3.05	2.99	2.18
5	2.33	2.88	3.29	3.62	4.22	3.92	3.39	4.30	4.30	2.94	3.24	2.06
6	2.32	3.06	3.29	3.72	4.28	3.80	3.29	4.08	4.13	2.79	3.24	2.11
7	2.27	3.04	3.12	3.89	4.22	3.69	3.49	3.95	4.04	2.76	3.12	2.21
8	2.18	2.91	3.31	4.06	4.43	3.79	3.60	3.94	3.76	2.69	3.01	2.23
9	2.12	3.00	3.25	4.06	4.50	3.83	3.76	3.77	4.26	2.66	3.05	2.33
10	2.28	3.01	3.23	4.07	4.39	3.83	4.06	3.93	4.04	2.63	3.05	2.11
11	2.21	3.03	2.38	4.13	4.52	3.99	4.96	3.87	3.99	2.60	3.04	2.62
12	2.33	3.11	2.78	4.09	4.04	3.76	4.63	3.83	3.75	2.54	2.90	2.64
13	2.45	3.22	2.72	4.02	3.91	4.00	4.45	3.78	3.59	2.53	2.73	2.37
14	2.58	3.22	2.83	4.06	4.09	3.80	4.24	3.68	3.50	2.44	2.80	2.16
15	2.51	3.18	2.97	4.01	3.90	3.72	4.13	3.67	3.69	2.21	2.83	2.35
16	2.52	3.23	3.47	3.98	3.71	3.74	4.12	3.51	3.74	2.32	3.11	2.23
17	2.47	3.15	3.63	3.89	3.44	3.78	4.38	3.49	3.83	2.18	3.21	2.31
18	2.40	3.08	3.61	3.79	3.51	3.81	4.64	3.28	3.52	2.27	3.12	2.33
19	2.53	2.94	3.52	3.76	3.77	3.76	4.51	3.63	3.41	2.14	3.29	2.46
20	2.55	3.00	3.77	3.79	3.59	3.81	4.32	3.61	3.27	2.11	3.29	2.60
21	2.49	3.12	3.22	3.59	3.06	3.81	4.17	3.53	3.05	2.26	3.03	2.52
22	2.78	3.23	3.07	3.67	2.55	3.76	4.28	3.80	3.09	2.09	2.97	2.51
23	2.82	3.15	2.71	3.84	2.70	3.67	4.52	3.87	3.23	2.09	2.92	2.58
24	2.77	2.96	3.07	3.94	2.90	3.60	4.28	3.60	3.56	2.11	3.04	2.52
25	2.75	2.95	2.80	4.03	2.91	3.60	4.32	3.63	3.92	2.15	3.16	2.56
26	2.94	3.05	3.50	4.06	2.86	3.49	4.29	3.66	3.79	2.09	3.22	2.39
27	2.82	---	3.74	4.02	3.41	3.46	4.08	4.41	3.71	2.19	3.03	2.34
28	2.87	3.11	3.90	4.05	3.83	3.49	4.01	5.35	3.63	2.25	2.99	2.70
29	---	3.10	---	4.22	---	3.60	4.04	5.22	3.57	2.51	2.82	2.80
30	2.95	2.86	3.60	4.18	---	3.58	3.94	6.07	3.46	2.78	2.76	2.64
31	2.94	---	3.57	4.02	---	3.77	---	5.65	---	2.67	2.68	---
Mean	---	---	---	---	3.75	3.77	4.08	4.04	3.84	2.51	3.01	2.40
Max	---	---	---	---	4.52	4.11	4.96	6.07	5.31	3.46	3.29	2.80
Min	---	---	---	---	2.55	3.46	3.29	3.28	3.05	2.09	2.64	2.06

06805500 Platte River at Louisville, Nebr.—Continued



06805500 Platte River at Louisville, Nebr.—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1972 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1974 to September 1981; May 2007 to present (seasonal record only).

WATER TEMPERATURE: November 1974 to September 1981; May 2007 to present (seasonal record only).

pH: May 2007 to September 2008 (seasonal record only).

DISSOLVED OXYGEN: May 2007 to present (seasonal record only).

TURBIDITY: May 2007 to present (seasonal record only).

SUSPENDED SEDIMENT DISCHARGE: October 1971 to September 1981.

NITRATE: June 2012 to present (seasonal record only).

INSTRUMENTATION.--Seasonal deployment of a continuous water-quality monitor and a nitrate sensor, positioned approximately 100 ft from the left bank (just right of the left-most pier).

Measured parameters include water temperature, specific conductance, dissolved oxygen, turbidity, and nitrate. Turbidity measurements conform to ISO 7027 standards and were made using a Yellow Springs International (YSI) 6136 sensor. Dissolved oxygen measurements were collected using a luminescent sensor. Nitrate measurements were collected using a Hach Nitratax sensor with 2 mm wavelength sensing.

REMARKS.--Water temperature record was rated as excellent. Turbidity, Dissolved oxygen and Specific Conductance records were rated as good. Nitrate record was rated as fair. Interruptions in the record are due to instrument malfunction, larvae fouling, or measured error outside of allowable limits. Prior to July 1, 1971, sediment records were obtained by the U.S. Army Corps of Engineers.

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

WATER TEMPERATURES: Maximum, 36.4°C, July 19, 2012; minimum, 0.0°C, many days during winter periods.

SPECIFIC CONDUCTANCE: Maximum daily, 3,450 µS/cm, September 1, 1976; minimum daily, 254 µS/cm, August 7, 1981.

pH: Maximum, 9.5 standard units, July 17, 2007; minimum, 7.5 standard units, August 30-31, 2007.

DISSOLVED OXYGEN: Maximum, 18.1 mg/L, August 18, 2013; minimum, 2.4 mg/L, April 15, 2012, and August 17, 2012.

TURBIDITY: Maximum, >1,000 FNU, sensor limit exceeded numerous times during higher flows associated with runoff events; minimum, 12 FNU, October 11, 2012.

SEDIMENT CONCENTRATIONS: Maximum daily, 11,600 mg/L, May 19, 1974; minimum daily, 60 mg/L, July 19, 1976.

NITRATE CONCENTRATION: Maximum, 7.05 mg/L as NO_x, June 2, 2013; minimum, 0.00 mg/L NO_x, many days.

SEDIMENT LOADS: Maximum daily, 1,180,000 tons, March 21, 1978; minimum daily, 64 tons, July 19, 1976.

EXTREMES FOR CURRENT YEAR.--Water year 2013 extremes.

These extremes may have been exceeded during non-measured portions of the year.

WATER TEMPERATURE: Maximum, 35.7°C, July 9; minimum, 0.0°C, March 26.

SPECIFIC CONDUCTANCE: Maximum, 772 µS/cm, August 10; minimum, 286 µS/cm, August 3 and 20.

DISSOLVED OXYGEN: Maximum, 18.1 mg/L, August 18; minimum, 5.4 mg/L, July 18.

TURBIDITY: Maximum, >1,000 FNU, sensor limit exceeded numerous times during higher flows associated with runoff events; minimum, 12 FNU, October 11, 15, 16, and 17.

NITRATE: Maximum, 7.05 mg/L as NO_x, June 2; minimum, 0.00 mg/L as NO_x, October 6, 2012.

06805500 Platte River at Louisville, Nebr.—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	12.7	8.3	10.2	11.7	10.6	11.1	---	---	---	---	---	---
2	12.6	8.9	10.5	12.7	10.6	11.5	---	---	---	---	---	---
3	13.0	8.8	10.6	12.5	10.9	11.7	---	---	---	---	---	---
4	12.9	8.8	10.7	11.9	10.5	11.2	---	---	---	---	---	---
5	13.5	9.7	11.5	11.7	10.5	11.1	---	---	---	---	---	---
6	13.1	10.7	11.9	12.2	11.0	11.6	---	---	---	---	---	---
7	13.1	10.8	11.8	12.4	11.1	11.7	---	---	---	---	---	---
8	12.6	10.1	11.2	12.2	11.0	11.6	---	---	---	---	---	---
9	12.4	10.1	11.3	11.8	10.0	11.1	---	---	---	---	---	---
10	12.8	10.4	11.6	10.8	8.8	10.0	---	---	---	---	---	---
11	12.3	10.4	11.2	12.5	8.8	11.0	---	---	---	---	---	---
12	12.5	10.6	11.5	13.7	12.2	13.1	---	---	---	---	---	---
13	11.8	8.8	10.7	14.0	12.8	13.4	---	---	---	---	---	---
14	11.3	8.7	9.9	13.4	12.1	12.9	---	---	---	---	---	---
15	12.0	8.9	10.4	12.8	11.7	12.3	---	---	---	---	---	---
16	12.3	8.6	10.1	13.2	11.7	12.4	---	---	---	---	---	---
17	11.5	8.0	9.8	12.7	11.4	12.1	---	---	---	---	---	---
18	12.4	10.0	11.1	12.6	11.4	12.0	---	---	---	---	---	---
19	12.7	10.8	11.6	12.0	10.8	11.5	---	---	---	---	---	---
20	11.9	9.6	11.1	---	---	---	---	---	---	---	---	---
21	11.5	7.9	10.1	---	---	---	---	---	---	---	---	---
22	12.4	7.7	9.3	---	---	---	---	---	---	---	---	---
23	12.8	8.4	10.0	---	---	---	---	---	---	---	---	---
24	11.8	8.2	9.7	---	---	---	---	---	---	---	---	---
25	12.0	9.2	10.8	---	---	---	---	---	---	---	---	---
26	13.1	11.2	12.2	---	---	---	---	---	---	---	---	---
27	13.0	11.5	12.4	---	---	---	---	---	---	---	---	---
28	12.6	11.0	11.9	---	---	---	---	---	---	---	---	---
29	12.2	10.6	11.6	---	---	---	---	---	---	---	---	---
30	12.3	10.9	11.7	---	---	---	---	---	---	---	---	---
31	12.2	10.7	11.6	---	---	---	---	---	---	---	---	---
Month	13.5	7.7	11.0	---	---	---	---	---	---	---	---	---

06805500 Platte River at Louisville, Nebr.—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	12.3	10.1	11.3	11.8	8.7	10.3
2	---	---	---	---	---	---	12.8	11.2	12.0	13.9	11.1	12.7
3	---	---	---	---	---	---	12.6	11.2	11.9	13.5	11.1	12.1
4	---	---	---	---	---	---	12.5	10.8	11.8	12.6	10.5	11.5
5	---	---	---	---	---	---	12.4	10.3	11.4	12.6	10.9	11.6
6	---	---	---	---	---	---	12.6	10.1	11.2	12.7	10.0	11.4
7	---	---	---	---	---	---	13.0	9.9	11.2	13.3	9.5	11.2
8	---	---	---	---	---	---	13.5	9.7	11.3	13.8	8.9	11.0
9	---	---	---	---	---	---	11.3	9.2	10.3	14.7	8.8	11.2
10	---	---	---	---	---	---	12.9	11.0	11.9	14.7	8.8	11.4
11	---	---	---	---	---	---	11.8	11.0	11.4	14.3	8.6	11.5
12	---	---	---	---	---	---	12.2	11.6	12.0	16.0	9.4	12.2
13	---	---	---	---	---	---	12.5	11.4	12.0	16.6	8.7	12.2
14	---	---	---	---	---	---	11.4	10.6	11.1	16.3	7.9	11.8
15	---	---	---	---	---	---	11.5	10.6	11.1	15.8	7.3	11.3
16	---	---	---	---	---	---	11.7	10.9	11.3	15.7	7.3	11.3
17	---	---	---	---	---	---	11.2	10.8	11.1	15.6	7.1	11.2
18	---	---	---	---	---	---	12.2	11.2	11.8	13.9	7.0	10.3
19	---	---	---	---	---	---	12.7	11.6	12.2	14.7	7.0	9.6
20	---	---	---	---	---	---	12.3	11.6	12.0	12.9	7.4	9.5
21	---	---	---	13.4	12.7	13.1	12.0	10.8	11.5	9.1	7.7	8.5
22	---	---	---	13.9	13.1	13.6	11.1	10.7	10.9	10.9	8.6	9.6
23	---	---	---	13.9	13.4	13.6	12.3	11.0	11.8	11.7	9.0	10.1
24	---	---	---	13.9	13.3	13.6	12.5	11.2	11.9	12.8	8.6	10.3
25	---	---	---	14.3	13.7	14.0	11.8	10.3	11.3	11.5	8.4	9.7
26	---	---	---	14.3	13.0	13.8	11.2	10.0	10.7	13.6	7.8	10.1
27	---	---	---	13.4	12.0	12.8	11.4	9.5	10.5	11.8	7.7	9.3
28	---	---	---	12.4	11.2	11.9	11.9	9.2	10.4	9.2	6.7	7.8
29	---	---	---	11.9	10.4	11.3	14.0	8.6	10.9	7.2	6.7	6.9
30	---	---	---	10.9	9.8	10.5	15.5	8.2	11.3	7.2	6.9	7.1
31	---	---	---	11.1	9.8	10.4	---	---	---	7.2	6.1	6.7
Month	---	---	---	---	---	---	15.5	8.2	11.4	16.6	6.1	10.4

06805500 Platte River at Louisville, Nebr.—Continued

DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	7.8	6.5	7.1	13.1	7.4	9.8	12.7	6.3	9.1	10.9	6.2	8.6
2	8.5	7.8	8.1	17.0	7.4	10.4	13.6	6.7	9.8	11.6	7.1	9.2
3	8.6	8.0	8.3	17.0	7.4	11.6	12.4	6.5	9.2	13.0	7.4	9.8
4	8.6	8.1	8.3	---	---	---	14.6	7.0	10.2	12.8	7.2	9.5
5	9.2	8.1	8.6	---	---	---	11.9	6.8	8.8	13.4	7.3	9.7
6	10.2	8.2	9.1	---	---	---	14.1	6.7	9.3	13.4	7.2	9.9
7	11.8	8.2	9.6	---	---	---	14.3	6.6	9.8	13.4	6.9	9.3
8	10.3	7.8	8.9	---	---	---	13.4	6.7	9.5	12.8	7.1	9.6
9	10.1	8.3	9.0	---	---	---	10.6	6.8	8.6	11.1	6.5	8.7
10	12.6	8.5	10.1	---	---	---	11.4	7.1	8.9	11.5	7.1	8.9
11	8.5	7.6	8.0	---	---	---	10.6	7.1	8.7	11.8	7.1	8.9
12	10.8	7.5	8.7	---	---	---	11.4	7.2	9.0	10.9	6.8	8.8
13	11.0	7.3	8.9	---	---	---	13.6	7.1	10	11.0	7.8	9.3
14	12.4	7.3	9.2	---	---	---	13.9	7.3	10.2	11.4	8.1	9.6
15	10.5	6.3	8.1	---	---	---	12.8	8.0	10.0	11.2	8.2	9.5
16	11.6	5.9	8.2	15.3	5.9	10.1	15.2	8.5	11.2	11.9	8.9	10.2
17	---	---	---	16.0	6.0	10.3	17.0	8.5	11.9	12.0	9.0	10.1
18	8.5	7.1	7.7	14.6	5.4	9.7	18.1	8.2	12.1	12.7	8.0	10.1
19	10.4	7.2	8.6	15.6	5.8	10.2	16.6	7.9	11.2	11.4	7.5	9.0
20	10.2	6.9	8.4	15.7	5.7	10.4	14.8	7.5	10.5	12.5	8.3	10.3
21	11.1	6.8	8.9	15.3	5.9	9.5	14.9	7.4	10.4	12.6	9.0	10.6
22	---	---	---	15.3	5.7	9.5	13.6	7.3	9.6	11.9	8.9	10.2
23	11.0	7.2	8.6	15.1	5.8	9.8	12.4	7.1	9.5	11.1	8.8	9.8
24	9.7	7.1	8.1	16.6	6.4	10.8	12.5	6.9	9.2	10.9	8.6	9.6
25	8.9	7.1	7.8	14.3	6.0	9.8	12.0	6.5	8.8	11.4	8.6	9.8
26	8.7	6.9	7.7	15.0	6.8	10.6	11.3	6.1	8.3	10.2	8.3	9.2
27	8.6	7.0	7.7	14.8	7.1	10.6	11.4	6.1	8.2	10.2	8.1	9.0
28	---	---	---	14.9	7.4	10.7	12.7	6.4	8.8	11.0	8.0	9.3
29	10.5	7.6	9.0	12.7	6.7	9.3	10.0	6.2	8.0	---	---	---
30	11.1	7.5	9.1	15.2	7.3	10.5	10.4	6.1	8.0	---	---	---
31	---	---	---	14.8	7.1	10.5	11.1	6.1	8.1	---	---	---
Month	---	---	---	---	---	---	18.1	6.1	9.5	---	---	---

06805500 Platte River at Louisville, Nebr.—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	664	419	519	424	376	396	---	---	---	---	---	---
2	701	416	503	410	368	385	---	---	---	---	---	---
3	701	420	533	444	365	382	---	---	---	---	---	---
4	595	405	474	581	444	526	---	---	---	---	---	---
5	509	396	436	---	---	---	---	---	---	---	---	---
6	511	391	432	---	---	---	---	---	---	---	---	---
7	534	400	452	---	---	---	---	---	---	---	---	---
8	696	409	514	---	---	---	---	---	---	---	---	---
9	675	464	557	---	---	---	---	---	---	---	---	---
10	512	427	462	---	---	---	---	---	---	---	---	---
11	644	427	511	---	---	---	---	---	---	---	---	---
12	563	435	486	---	---	---	---	---	---	---	---	---
13	512	401	444	---	---	---	---	---	---	---	---	---
14	517	385	442	---	---	---	---	---	---	---	---	---
15	470	400	427	---	---	---	---	---	---	---	---	---
16	448	408	424	---	---	---	---	---	---	---	---	---
17	490	401	430	---	---	---	---	---	---	---	---	---
18	476	408	431	---	---	---	---	---	---	---	---	---
19	452	397	419	---	---	---	---	---	---	---	---	---
20	472	403	434	---	---	---	---	---	---	---	---	---
21	519	407	456	---	---	---	---	---	---	---	---	---
22	423	398	415	---	---	---	---	---	---	---	---	---
23	416	396	404	---	---	---	---	---	---	---	---	---
24	418	398	406	---	---	---	---	---	---	---	---	---
25	424	394	406	---	---	---	---	---	---	---	---	---
26	409	388	399	---	---	---	---	---	---	---	---	---
27	413	394	404	---	---	---	---	---	---	---	---	---
28	419	390	406	---	---	---	---	---	---	---	---	---
29	401	382	390	---	---	---	---	---	---	---	---	---
30	410	384	393	---	---	---	---	---	---	---	---	---
31	409	378	391	---	---	---	---	---	---	---	---	---
Month	701	378	445	---	---	---	---	---	---	---	---	---

06805500 Platte River at Louisville, Nebr.—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	532	477	497	524	505	514
2	---	---	---	---	---	---	504	461	482	559	498	531
3	---	---	---	---	---	---	470	457	463	545	504	516
4	---	---	---	---	---	---	500	450	473	556	509	532
5	---	---	---	---	---	---	472	444	455	580	536	559
6	---	---	---	---	---	---	489	450	474	594	562	576
7	---	---	---	---	---	---	453	422	442	610	574	589
8	---	---	---	---	---	---	442	416	424	602	557	576
9	---	---	---	---	---	---	468	421	441	578	534	560
10	---	---	---	---	---	---	445	411	425	581	535	560
11	---	---	---	---	---	---	452	404	425	560	528	542
12	---	---	---	---	---	---	448	408	422	559	486	531
13	---	---	---	---	---	---	487	448	473	518	454	488
14	---	---	---	---	---	---	532	487	511	508	434	467
15	---	---	---	---	---	---	556	528	541	487	416	450
16	---	---	---	---	---	---	577	546	560	497	406	447
17	---	---	---	---	---	---	593	555	569	491	395	444
18	---	---	---	---	---	---	605	570	582	527	409	470
19	---	---	---	---	---	---	611	414	545	490	413	454
20	---	---	---	---	---	---	582	291	389	532	443	493
21	---	---	---	506	473	484	604	565	584	523	475	495
22	---	---	---	489	432	458	593	538	563	511	487	502
23	---	---	---	444	406	424	591	556	572	510	496	500
24	---	---	---	456	419	431	608	571	584	544	492	508
25	---	---	---	438	397	417	601	562	575	545	511	527
26	---	---	---	---	---	---	589	556	566	528	480	508
27	---	---	---	---	---	---	602	561	579	493	409	438
28	---	---	---	494	452	480	607	568	585	450	414	428
29	---	---	---	467	449	456	618	554	582	477	425	448
30	---	---	---	495	445	465	578	515	552	523	430	459
31	---	---	---	534	461	486	---	---	---	535	456	509
Month	---	---	---	---	---	---	618	291	511	610	395	504

06805500 Platte River at Louisville, Nebr.—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	481	447	464	553	535	544	371	328	348	560	370	457
2	553	472	512	564	538	549	364	332	349	673	426	510
3	549	513	532	568	542	556	368	286	335	724	473	581
4	513	501	505	561	498	544	367	322	344	733	479	554
5	508	499	504	510	415	481	---	---	---	---	---	---
6	504	493	499	469	414	440	---	---	---	---	---	---
7	516	496	506	442	378	414	---	---	---	---	---	---
8	503	489	497	441	381	415	382	314	359	---	---	---
9	515	472	494	427	402	413	456	375	428	---	---	---
10	504	478	488	433	384	409	425	383	397	772	466	601
11	519	480	500	448	396	416	419	371	393	753	314	408
12	535	497	512	476	398	429	437	381	418	414	361	383
13	529	504	518	498	413	449	470	362	418	499	369	402
14	515	460	503	591	425	491	447	376	432	535	386	438
15	492	429	459	626	563	601	427	381	415	472	359	396
16	566	487	525	---	---	---	425	377	401	616	374	453
17	528	435	467	---	---	---	422	361	397	606	368	417
18	523	435	481	---	---	---	411	319	370	499	379	419
19	578	523	549	707	498	592	343	305	328	415	359	382
20	595	578	587	750	502	618	334	286	318	393	361	378
21	605	582	594	604	337	441	335	297	322	421	350	383
22	584	528	566	489	307	411	350	312	336	---	---	---
23	538	493	510	---	---	---	345	324	338	---	---	---
24	515	477	498	---	---	---	360	334	349	518	339	402
25	517	498	505	---	---	---	358	330	346	477	332	386
26	568	481	526	---	---	---	368	343	351	641	327	445
27	492	456	470	---	---	---	393	359	372	631	352	455
28	562	492	526	---	---	---	385	318	358	512	323	350
29	572	551	565	---	---	---	372	325	342	348	319	335
30	565	537	554	416	365	391	387	338	360	370	319	341
31	---	---	---	390	328	365	442	358	395	---	---	---
Month	605	429	514	---	---	---	---	---	---	---	---	---

06805500 Platte River at Louisville, Nebr.—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	44	21	31	---	---	---	---	---	---	---	---	---
2	46	22	32	---	---	---	---	---	---	---	---	---
3	37	20	28	---	---	---	---	---	---	---	---	---
4	50	20	32	---	---	---	---	---	---	---	---	---
5	45	19	30	---	---	---	---	---	---	---	---	---
6	36	17	25	---	---	---	---	---	---	---	---	---
7	28	17	22	---	---	---	---	---	---	---	---	---
8	28	13	20	---	---	---	---	---	---	---	---	---
9	20	14	17	---	---	---	---	---	---	---	---	---
10	29	15	20	---	---	---	---	---	---	---	---	---
11	22	12	16	---	---	---	---	---	---	---	---	---
12	27	13	19	---	---	---	---	---	---	---	---	---
13	27	13	19	---	---	---	---	---	---	---	---	---
14	37	14	22	---	---	---	---	---	---	---	---	---
15	25	12	18	---	---	---	---	---	---	---	---	---
16	24	12	17	---	---	---	---	---	---	---	---	---
17	24	12	17	---	---	---	---	---	---	---	---	---
18	18	13	16	---	---	---	---	---	---	---	---	---
19	21	14	17	---	---	---	---	---	---	---	---	---
20	20	14	17	---	---	---	---	---	---	---	---	---
21	21	14	16	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

06805500 Platte River at Louisville, Nebr.—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	43	33	38
2	---	---	---	---	---	---	45	34	39	53	32	42
3	---	---	---	---	---	---	47	35	39	51	38	45
4	---	---	---	---	---	---	78	45	54	73	43	64
5	---	---	---	---	---	---	66	30	43	83	60	73
6	---	---	---	---	---	---	62	27	41	64	44	56
7	---	---	---	---	---	---	68	34	50	54	39	46
8	---	---	---	---	---	---	---	---	---	47	37	41
9	---	---	---	---	---	---	---	---	---	51	35	40
10	---	---	---	---	---	---	---	---	---	53	36	43
11	---	---	---	---	---	---	1,090	130	570	48	34	41
12	---	---	---	---	---	---	1,110	460	940	56	34	43
13	---	---	---	---	---	---	---	---	---	51	35	42
14	---	---	---	---	---	---	---	---	---	54	31	41
15	---	---	---	---	---	---	180	83	120	52	32	41
16	---	---	---	---	---	---	100	77	87	52	29	39
17	---	---	---	---	---	---	310	100	210	54	28	39
18	---	---	---	---	---	---	---	---	---	48	27	35
19	---	---	---	---	---	---	---	---	---	80	33	51
20	---	---	---	---	---	---	---	---	---	360	43	110
21	---	---	---	---	---	---	---	---	---	360	240	320
22	---	---	---	---	---	---	---	---	---	240	140	170
23	---	---	---	64	40	46	---	---	---	210	140	180
24	---	---	---	---	---	---	54	46	50	230	110	140
25	---	---	---	---	---	---	65	46	53	230	120	170
26	---	---	---	---	---	---	64	42	52	120	87	100
27	---	---	---	---	---	---	46	38	42	230	83	140
28	---	---	---	---	---	---	48	35	41	260	150	220
29	---	---	---	---	---	---	48	35	41	1,250	240	840
30	---	---	---	---	---	---	53	33	44	1,220	480	840
31	---	---	---	---	---	---	---	---	---	1,250	480	800
Month	---	---	---	---	---	---	---	---	---	1,250	27	160

06805500 Platte River at Louisville, Nebr.—Continued

TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	1,240	760	1,100	350	220	280	58	29	42	58	34	42
2	760	370	550	220	150	180	110	38	56	54	26	40
3	370	340	350	210	130	170	110	33	57	40	26	34
4	340	220	270	190	110	140	190	38	67	40	28	36
5	230	150	200	140	64	86	200	95	150	74	33	53
6	150	110	130	88	40	54	200	94	140	---	---	---
7	120	100	110	---	---	---	160	73	110	---	---	---
8	110	94	99	---	---	---	140	74	100	---	---	---
9	210	98	140	---	---	---	310	120	180	---	---	---
10	140	90	110	---	---	---	310	210	260	44	30	37
11	410	89	280	---	---	---	230	150	190	96	31	67
12	380	160	250	---	---	---	190	91	120	90	35	60
13	170	93	130	---	---	---	130	64	87	51	28	39
14	130	75	94	---	---	---	110	61	82	55	30	50
15	760	99	270	---	---	---	100	52	71	---	---	---
16	680	69	240	51	34	42	100	50	74	54	40	47
17	1,280	660	1,070	43	34	38	88	48	68	62	31	50
18	780	230	490	51	36	43	83	47	65	69	31	39
19	240	140	160	44	34	39	---	---	---	99	40	67
20	200	140	160	44	32	38	---	---	---	91	44	65
21	150	98	110	---	---	---	---	---	---	73	39	53
22	130	82	110	38	31	34	---	---	---	81	36	52
23	130	74	96	38	30	34	---	---	---	82	36	56
24	430	79	150	40	30	35	---	---	---	72	31	47
25	520	200	340	42	29	35	---	---	---	72	36	50
26	870	290	480	38	26	32	---	---	---	72	27	45
27	880	450	640	49	26	38	89	47	66	52	28	41
28	450	320	380	---	---	---	91	51	71	120	39	67
29	380	260	330	59	26	43	80	39	58	---	---	---
30	410	320	360	75	34	53	72	38	52	---	---	---
31	---	---	---	62	28	43	66	36	48	---	---	---
Month	1,280	69	310	---	---	---	---	---	---	---	---	---

06805500 Platte River at Louisville, Nebr.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	20.4	15.0	17.2	12.0	7.4	9.4	---	---	---	---	---	---
2	20.2	12.3	15.9	9.5	7.0	8.4	---	---	---	---	---	---
3	19.6	12.4	15.9	9.9	5.6	7.7	---	---	---	---	---	---
4	16.6	12.8	14.5	10.2	6.7	8.5	---	---	---	---	---	---
5	13.1	9.8	11.2	9.4	7.2	8.0	---	---	---	---	---	---
6	11.6	7.2	9.4	9.9	6.0	7.7	---	---	---	---	---	---
7	12.8	5.6	9.0	9.6	5.4	7.4	---	---	---	---	---	---
8	14.5	7.0	10.6	10.3	5.5	7.8	---	---	---	---	---	---
9	12.0	9.3	10.8	12.1	7.2	9.5	---	---	---	---	---	---
10	13.9	6.5	10.0	16.4	10.9	13.4	---	---	---	---	---	---
11	13.8	8.4	10.8	14.8	4.3	8.6	---	---	---	---	---	---
12	10.7	7.8	9.4	4.8	1.5	3.2	---	---	---	---	---	---
13	16.0	9.7	12.9	4.8	0.9	2.9	---	---	---	---	---	---
14	17.1	13.5	15.2	6.9	2.8	4.7	---	---	---	---	---	---
15	17.7	11.6	14.5	8.4	5.1	6.3	---	---	---	---	---	---
16	19.0	13.0	15.8	7.9	4.1	6.0	---	---	---	---	---	---
17	16.7	11.0	14.7	8.4	4.6	6.5	---	---	---	---	---	---
18	11.0	7.6	8.2	8.2	5.4	6.9	---	---	---	---	---	---
19	8.7	7.1	7.8	10.1	6.2	8.0	---	---	---	---	---	---
20	13.3	6.3	9.6	---	---	---	---	---	---	---	---	---
21	17.3	9.3	13.1	---	---	---	---	---	---	---	---	---
22	16.5	15.2	15.8	---	---	---	---	---	---	---	---	---
23	17.3	14.1	15.4	---	---	---	---	---	---	---	---	---
24	15.7	13.3	14.6	---	---	---	---	---	---	---	---	---
25	13.3	6.7	9.6	---	---	---	---	---	---	---	---	---
26	8.3	4.7	6.2	---	---	---	---	---	---	---	---	---
27	8.3	3.4	5.8	---	---	---	---	---	---	---	---	---
28	9.4	5.0	7.0	---	---	---	---	---	---	---	---	---
29	10.3	6.1	8.0	---	---	---	---	---	---	---	---	---
30	8.6	6.0	7.3	---	---	---	---	---	---	---	---	---
31	10.6	5.5	7.9	---	---	---	---	---	---	---	---	---
Month	20.4	3.4	11.4	---	---	---	---	---	---	---	---	---

06805500 Platte River at Louisville, Nebr.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	12.3	8.3	10.4	18.6	7.8	13.4
2	---	---	---	---	---	---	12.8	6.7	9.6	9.7	5.7	7.7
3	---	---	---	---	---	---	11.9	7.6	9.7	10.9	7.4	9.2
4	---	---	---	---	---	---	14.1	7.3	10.6	10.1	8.3	8.8
5	---	---	---	---	---	---	14.0	9.5	11.9	10.4	8.2	9.1
6	---	---	---	---	---	---	16.2	11.0	13.2	15.4	10.0	12.2
7	---	---	---	---	---	---	15.8	12.1	13.8	18.2	13.0	15.7
8	---	---	---	---	---	---	16.0	12.7	14.3	18.4	16.2	17.2
9	---	---	---	---	---	---	15.5	9.3	13.6	19.3	16.2	17.5
10	---	---	---	---	---	---	9.3	6.4	7.7	19.7	15.4	17.3
11	---	---	---	---	---	---	6.4	4.6	5.5	19.0	15.3	17.1
12	---	---	---	---	---	---	6.2	3.8	4.9	19.5	12.9	16.2
13	---	---	---	---	---	---	8.6	4.0	6.2	21.2	15.2	18.2
14	---	---	---	---	---	---	10.6	7.2	8.7	24.6	18.0	21.2
15	---	---	---	---	---	---	9.3	7.5	8.3	24.4	19.5	22.1
16	---	---	---	---	---	---	10.2	7.1	8.6	26.0	20.5	23.1
17	---	---	---	---	---	---	9.3	7.6	8.5	27.6	21.6	24.4
18	---	---	---	---	---	---	7.6	4.9	6.2	26.7	21.7	24.2
19	---	---	---	---	---	---	8.9	3.5	6.0	24.4	21.3	22.6
20	---	---	---	---	---	---	7.7	5.5	6.6	23.8	19.2	21.5
21	---	---	---	4.1	2.1	2.8	11.1	6.4	8.6	20.8	17.4	18.9
22	---	---	---	2.7	1.7	2.2	10.3	7.7	9.4	17.4	15.6	16.5
23	---	---	---	3.2	1.6	2.3	8.2	5.5	6.9	20.1	14.8	17.2
24	---	---	---	2.8	1.0	1.9	10.9	4.8	7.8	20.8	16.4	18.6
25	---	---	---	1.7	0.1	0.9	13.6	7.6	10.5	23.0	16.9	19.7
26	---	---	---	---	---	---	15.1	10.8	12.9	24.0	20.1	21.8
27	---	---	---	7.8	2.1	4.7	17.5	12.7	14.7	23.2	19.4	21.6
28	---	---	---	10.3	4.6	7.4	19.7	14.2	16.8	25.2	21.4	23.2
29	---	---	---	13.0	6.7	9.7	21.7	16.5	19.0	24.2	21.3	22.4
30	---	---	---	15.5	10.5	12.7	21.4	17.9	19.6	22.1	19.9	20.9
31	---	---	---	15.6	11.5	13.4	---	---	---	22.9	19.6	21.3
Month	---	---	---	---	---	---	21.7	3.5	10.3	27.6	5.7	18.1

06805500 Platte River at Louisville, Nebr.—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	21.3	18.1	19.4	27.5	21.4	24.6	30.5	23.8	26.4	30.6	25.9	28.3
2	21.6	16.8	18.8	28.1	22.3	24.6	29.3	22.0	25.3	29.9	22.8	26.0
3	22.0	17.7	19.8	29.3	21.7	25.1	28.3	22.7	25.1	29.8	20.9	25.2
4	21.4	18.9	20.1	28.8	22.2	25.4	27.1	21.7	24.3	28.0	22.7	25.0
5	23.0	19.6	21.1	27.5	21.8	24.6	29.0	22.9	25.6	28.7	22.6	25.2
6	23.2	19.4	21.2	29.5	22.0	25.6	30.8	24.6	27.4	29.7	21.9	25.7
7	24.7	19.1	21.6	31.3	22.9	27.0	31.4	25.5	28.1	29.4	23.2	25.8
8	22.8	18.9	20.0	31.1	25.4	27.9	27.5	24.1	25.7	31.5	23.7	27.1
9	19.2	17.8	18.4	35.7	25.5	30.1	28.4	23.3	25.8	30.1	24.7	27.2
10	23.8	17.3	20.3	32.6	27.3	29.7	29.4	22.4	25.8	30.1	22.9	26.2
11	23.8	20.9	22.1	31.5	24.5	27.7	29.7	22.4	26.0	28.6	23.4	25.7
12	28.5	21.9	24.8	31.1	23.0	26.8	31.0	24.7	27.4	28.3	23.8	25.6
13	25.4	21.1	23.4	30.7	23.5	26.5	28.9	24.0	26.4	27.0	20.1	23.2
14	26.4	21.3	23.4	30.8	23.6	26.8	26.0	22.3	24.1	23.6	18.6	21.2
15	25.2	22.0	23.5	31.6	22.8	27.3	22.7	20.2	21.2	20.7	18.6	20.0
16	28.6	22.9	25.5	33.6	25.1	29.1	23.8	19.5	21.3	21.1	17.0	18.6
17	29.1	23.0	26.1	34.2	26.0	29.8	26.8	20.5	23.4	20.8	17.3	18.8
18	28.5	23.9	26.1	32.7	26.5	29.5	27.7	20.4	24.0	27.4	19.1	23.0
19	28.0	23.7	25.8	34.1	25.5	29.4	27.7	22.0	25.0	25.2	20.3	23.1
20	29.3	23.2	26.3	31.5	25.7	28.4	29.1	23.4	26.3	22.9	17.2	19.9
21	30.8	24.8	27.4	33.1	25.2	28.6	30.4	24.1	27.1	23.7	15.9	19.5
22	29.3	24.9	26.9	34.9	25.7	29.8	28.9	24.7	26.7	23.7	16.8	19.9
23	26.5	22.3	24.8	30.6	24.1	27.5	31.0	24.9	27.7	23.0	15.7	18.9
24	26.2	23.3	25.0	32.2	23.6	27.6	30.7	24.9	27.7	21.5	16.9	18.9
25	28.4	24.0	26.1	27.5	24.2	25.7	31.0	25.0	28.1	24.6	16.7	20.3
26	30.7	25.4	28.0	29.1	22.7	25.4	31.3	25.7	28.5	25.0	17.7	21.0
27	28.4	24.8	26.3	27.9	20.1	23.9	31.8	25.2	28.5	25.8	19.2	21.7
28	29.3	24.7	26.9	29.1	19.3	24.1	32.7	25.1	28.6	22.9	18.3	20.3
29	27.1	22.7	25.1	24.6	20.4	21.6	33.5	25.9	29.5	22.3	15.6	18.6
30	27.2	21.9	24.5	24.9	20.2	22.3	34.3	26.7	30.3	22.5	15.0	18.4
31	---	---	---	31.4	21.3	26.0	34.2	27.4	30.2	---	---	---
Month	30.8	16.8	23.6	35.7	19.3	26.7	34.3	19.5	26.4	31.5	15.0	22.6

06805500 Platte River at Louisville, Nebr.—Continued

NITRATE PLUS NITRITE, WATER, UNFILTERED, MILLIGRAMS PER LITER AS NITROGEN
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	0.160	0.060	0.103	1.34	1.20	1.27	---	---	---	---	---	---
2	0.130	0.060	0.088	1.23	1.16	1.20	---	---	---	---	---	---
3	---	---	---	1.17	1.12	1.14	---	---	---	---	---	---
4	---	---	---	1.34	1.13	1.25	---	---	---	---	---	---
5	0.090	0.020	0.052	1.47	1.31	1.39	---	---	---	---	---	---
6	0.160	0.000	0.050	1.31	1.24	1.27	---	---	---	---	---	---
7	0.400	0.040	0.208	1.31	1.13	1.23	---	---	---	---	---	---
8	0.770	0.240	0.432	1.32	1.19	1.26	---	---	---	---	---	---
9	0.770	0.420	0.580	1.30	1.20	1.26	---	---	---	---	---	---
10	0.730	0.410	0.583	1.25	1.15	1.21	---	---	---	---	---	---
11	1.04	0.610	0.782	1.20	1.10	1.16	---	---	---	---	---	---
12	1.00	0.680	0.826	1.19	1.09	1.13	---	---	---	---	---	---
13	0.990	0.740	0.872	1.27	1.12	1.19	---	---	---	---	---	---
14	1.02	0.750	0.928	1.21	1.15	1.18	---	---	---	---	---	---
15	0.900	0.690	0.773	1.32	1.17	1.25	---	---	---	---	---	---
16	0.750	0.440	0.562	1.40	1.27	1.35	---	---	---	---	---	---
17	0.680	0.490	0.553	1.41	1.31	1.37	---	---	---	---	---	---
18	0.680	0.490	0.562	1.45	1.32	1.40	---	---	---	---	---	---
19	0.660	0.540	0.596	1.58	1.40	1.49	---	---	---	---	---	---
20	0.710	0.560	0.642	---	---	---	---	---	---	---	---	---
21	0.920	0.640	0.761	---	---	---	---	---	---	---	---	---
22	0.700	0.580	0.660	---	---	---	---	---	---	---	---	---
23	0.720	0.630	0.678	---	---	---	---	---	---	---	---	---
24	0.830	0.670	0.776	---	---	---	---	---	---	---	---	---
25	0.950	0.770	0.859	---	---	---	---	---	---	---	---	---
26	1.11	0.940	1.00	---	---	---	---	---	---	---	---	---
27	1.26	1.07	1.15	---	---	---	---	---	---	---	---	---
28	1.22	1.11	1.17	---	---	---	---	---	---	---	---	---
29	1.21	1.10	1.14	---	---	---	---	---	---	---	---	---
30	1.28	1.12	1.20	---	---	---	---	---	---	---	---	---
31	1.35	1.20	1.29	---	---	---	---	---	---	---	---	---
Month	---	---	---	---	---	---	---	---	---	---	---	---

06805500 Platte River at Louisville, Nebr.—Continued

NITRATE PLUS NITRITE, WATER, UNFILTERED, MILLIGRAMS PER LITER AS NITROGEN
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	1.49	1.26	1.35	0.308	0.159	0.242
2	---	---	---	---	---	---	1.26	1.06	1.14	0.576	0.278	0.400
3	---	---	---	---	---	---	1.10	0.969	1.03	0.595	0.516	0.552
4	---	---	---	---	---	---	1.14	1.01	1.09	1.13	0.595	0.809
5	---	---	---	---	---	---	1.06	0.809	0.914	1.74	1.13	1.43
6	---	---	---	---	---	---	0.899	0.829	0.855	1.82	1.70	1.76
7	---	---	---	---	---	---	0.839	0.619	0.753	1.83	1.50	1.70
8	---	---	---	---	---	---	0.639	0.429	0.586	1.51	1.12	1.34
9	---	---	---	---	---	---	0.489	0.369	0.423	1.16	0.912	1.04
10	---	---	---	---	---	---	0.658	0.369	0.444	0.965	0.797	0.888
11	---	---	---	---	---	---	2.50	0.658	1.50	0.902	0.699	0.810
12	---	---	---	---	---	---	2.92	2.50	2.74	0.868	0.426	0.690
13	---	---	---	---	---	---	2.56	2.33	2.44	0.500	0.084	0.297
14	---	---	---	---	---	---	2.44	2.27	2.34	0.231	0.021	0.099
15	---	---	---	---	---	---	2.41	2.25	2.32	0.074	0.021	0.048
16	---	---	---	---	---	---	2.45	2.33	2.38	0.064	0.032	0.050
17	---	---	---	---	---	---	2.42	2.30	2.37	0.075	0.032	0.046
18	---	---	---	---	---	---	2.38	2.13	2.21	0.065	0.033	0.047
19	---	---	---	---	---	---	2.32	2.11	2.20	0.088	0.044	0.055
20	---	---	---	---	---	---	2.34	2.19	2.27	1.27	0.055	0.689
21	---	---	---	2.31	1.93	2.07	2.34	2.21	2.26	1.69	1.27	1.48
22	---	---	---	1.93	1.77	1.86	2.27	2.04	2.15	1.32	0.864	1.11
23	---	---	---	1.80	1.70	1.77	2.26	2.08	2.17	1.59	1.12	1.38
24	---	---	---	1.76	1.65	1.71	2.28	2.11	2.19	1.37	0.888	1.19
25	---	---	---	1.66	1.56	1.61	2.19	1.95	2.05	1.97	1.32	1.63
26	---	---	---	1.67	1.58	1.63	2.03	1.81	1.90	1.45	0.985	1.21
27	---	---	---	1.68	1.59	1.62	1.92	1.62	1.74	0.985	0.455	0.771
28	---	---	---	1.84	1.67	1.72	1.66	1.30	1.44	2.40	0.607	1.46
29	---	---	---	1.77	1.63	1.68	1.32	0.794	1.04	5.66	2.25	4.12
30	---	---	---	1.73	1.60	1.67	0.794	0.199	0.491	5.74	4.26	5.11
31	---	---	---	1.70	1.49	1.61	---	---	---	5.75	4.84	5.29
Month	---	---	---	---	---	---	2.92	0.199	1.63	5.75	0.021	1.22

06805500 Platte River at Louisville, Nebr.—Continued

NITRATE PLUS NITRITE, WATER, UNFILTERED, MILLIGRAMS PER LITER AS NITROGEN
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	6.43	4.80	5.58	4.28	3.40	3.76	---	---	---	---	---	---
2	7.05	5.19	6.11	3.49	2.88	3.10	---	---	---	---	---	---
3	5.70	4.56	4.93	3.11	2.83	2.96	---	---	---	---	---	---
4	5.09	4.34	4.63	2.89	1.98	2.57	---	---	---	---	---	---
5	4.54	3.56	4.08	1.98	1.00	1.53	---	---	---	---	---	---
6	3.66	2.74	3.14	---	---	---	---	---	---	---	---	---
7	2.76	2.26	2.46	---	---	---	---	---	---	---	---	---
8	2.56	2.27	2.37	---	---	---	---	---	---	---	---	---
9	2.81	2.03	2.35	---	---	---	---	---	---	---	---	---
10	2.33	1.94	2.12	---	---	---	---	---	---	---	---	---
11	5.52	2.15	3.60	---	---	---	---	---	---	---	---	---
12	3.84	2.84	3.23	---	---	---	---	---	---	---	---	---
13	2.95	1.91	2.44	---	---	---	---	---	---	---	---	---
14	2.12	1.33	1.81	---	---	---	---	---	---	---	---	---
15	4.27	1.35	2.17	---	---	---	---	---	---	---	---	---
16	5.86	1.54	2.88	---	---	---	---	---	---	---	---	---
17	5.81	4.76	5.33	---	---	---	---	---	---	---	---	---
18	5.86	4.21	5.19	---	---	---	---	---	---	---	---	---
19	4.23	3.20	3.76	---	---	---	---	---	---	---	---	---
20	4.12	3.28	3.74	---	---	---	---	---	---	---	---	---
21	3.29	2.79	3.18	---	---	---	---	---	---	---	---	---
22	2.79	1.83	2.35	---	---	---	---	---	---	---	---	---
23	2.02	1.65	1.85	---	---	---	---	---	---	---	---	---
24	2.41	1.64	2.02	---	---	---	---	---	---	0.200	0.160	0.182
25	4.05	2.35	3.24	---	---	---	---	---	---	0.230	0.160	0.194
26	5.32	3.42	4.19	---	---	---	---	---	---	0.200	0.150	0.177
27	5.34	4.48	4.80	---	---	---	---	---	---	0.280	0.150	0.191
28	5.33	4.26	4.52	---	---	---	---	---	---	0.310	0.170	0.210
29	4.68	4.22	4.44	---	---	---	---	---	---	0.340	0.090	0.198
30	4.63	4.05	4.41	---	---	---	---	---	---	0.320	0.060	0.151
31	---	---	---	---	---	---	---	---	---	---	---	---
Month	7.05	1.33	3.56	---	---	---	---	---	---	---	---	---