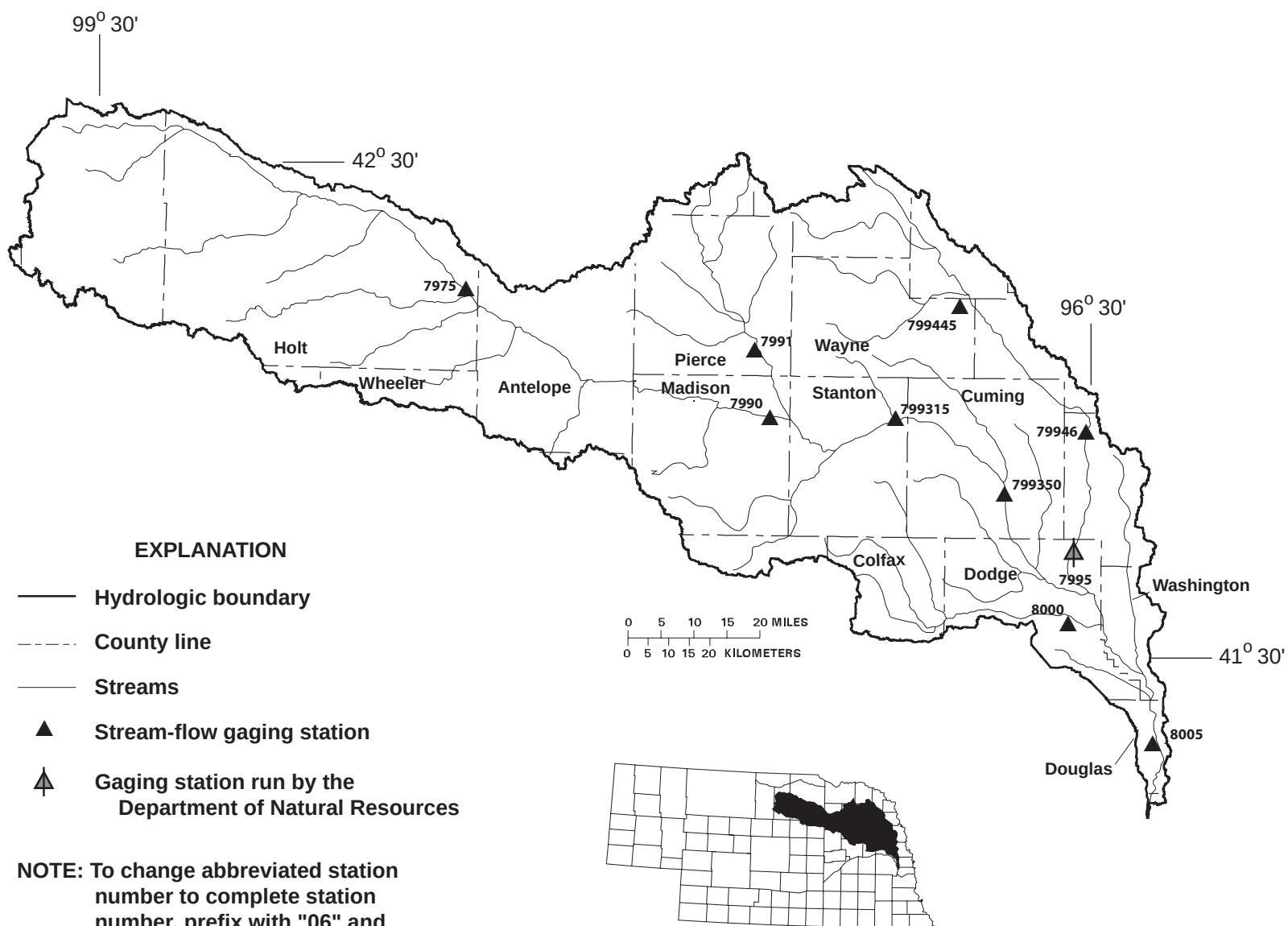




SURFACE-WATER DISCHARGE RECORDS
PLATTE RIVER BASIN
ELKHORN RIVER BASIN

175

*Station number	Station name	Page
7975	Elkhorn River at Ewing.....	176
7990	Elkhorn River at Norfolk.....	178
7991	North Fork Elkhorn near Pierce.....	180
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*NOTE: To change abbreviated station number to complete station number, prefix with "06" and add zeros required to give eight digits.

06797500 ELKHORN RIVER AT EWING, NE

LOCATION.--Lat 42° 16'07", long 98° 20'22", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.35, T.27 N., R.9 W., Holt County, Hydrologic Unit 10220001, on left bank 10 ft downstream from bridge on State Highway L-45B, 0.8 mi north of Ewing, 1.5 mi upstream from South Fork Elkhorn River, and at mile 199.

DRAINAGE AREA.--1,400 mi², approximately, of which about 740 mi² contributes directly to surface runoff.

PERIOD OF RECORD.--August 1947 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,836.24 ft above sea level, levels by Nebraska Department of Roads. From August 1, 1947 to October 22, 1952 at site 300 ft downstream at same datum. From October 23, 1952 to Sept. 30, 1996 at site 800 ft downstream at same datum. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	e43	56	e74	e50	e47	94	186	86	131	18	5.4
2	22	43	52	e74	e56	e45	88	210	88	108	17	5.2
3	26	49	81	e72	e50	e44	80	251	83	92	16	4.8
4	45	53	81	e70	e47	e43	75	356	82	84	15	4.7
5	43	53	72	66	e46	e40	73	346	82	81	22	4.6
6	40	52	e66	70	e45	e41	73	319	78	110	19	4.5
7	38	52	e64	66	e42	e48	79	333	77	96	16	4.6
8	37	52	e68	66	e44	e48	81	374	75	81	15	4.6
9	34	50	e68	66	e45	e47	89	402	73	95	15	5.3
10	34	49	e66	e64	e46	e50	95	428	71	83	16	6.2
11	34	47	e66	e60	e46	e58	96	525	67	74	16	11
12	33	47	e68	e62	e47	e70	98	539	64	67	15	9.0
13	32	48	e68	e64	e48	e68	94	543	62	61	14	7.6
14	32	47	e66	e62	e52	e76	90	526	61	54	13	7.2
15	31	47	e62	e58	e49	e86	82	473	59	48	11	6.7
16	32	47	65	e54	e44	98	99	413	55	44	10	6.1
17	32	47	73	e49	e45	92	157	349	53	40	9.1	5.8
18	32	47	66	e50	e49	90	137	295	55	38	8.4	6.7
19	32	46	58	e52	e50	90	161	261	57	36	7.8	7.0
20	32	46	53	e56	e52	89	169	225	55	34	8.0	6.6
21	32	46	59	e54	e50	91	171	198	51	31	7.4	6.7
22	31	45	70	e47	e47	96	167	186	67	29	7.2	6.4
23	31	45	e68	e42	e43	95	156	175	79	27	6.7	6.3
24	33	44	e68	e44	e41	90	152	161	91	26	6.1	5.7
25	33	46	e66	e48	e39	82	152	149	129	23	6.0	5.4
26	33	43	e64	e45	e41	79	161	138	148	21	5.9	5.7
27	37	52	e66	e46	e43	93	187	126	143	25	5.4	5.5
28	41	61	e70	e50	e45	97	184	116	145	25	5.3	5.3
29	41	60	e72	e48	---	96	161	105	149	22	5.3	5.5
30	45	52	e74	e47	---	100	163	99	148	21	5.2	5.9
31	e44	---	e78	e52	---	99	---	90	---	19	5.5	---
TOTAL	1,063	1,459	2,074	1,778	1,302	2,288	3,664	8,897	2,533	1,726	347.3	182.0
MEAN	34.3	48.6	66.9	57.4	46.5	73.8	122	287	84.4	55.7	11.2	6.07
MAX	45	61	81	74	56	100	187	543	149	131	22	11
MIN	21	43	52	42	39	40	73	90	51	19	5.2	4.5
AC-FT	2,110	2,890	4,110	3,530	2,580	4,540	7,270	17,650	5,020	3,420	689	361

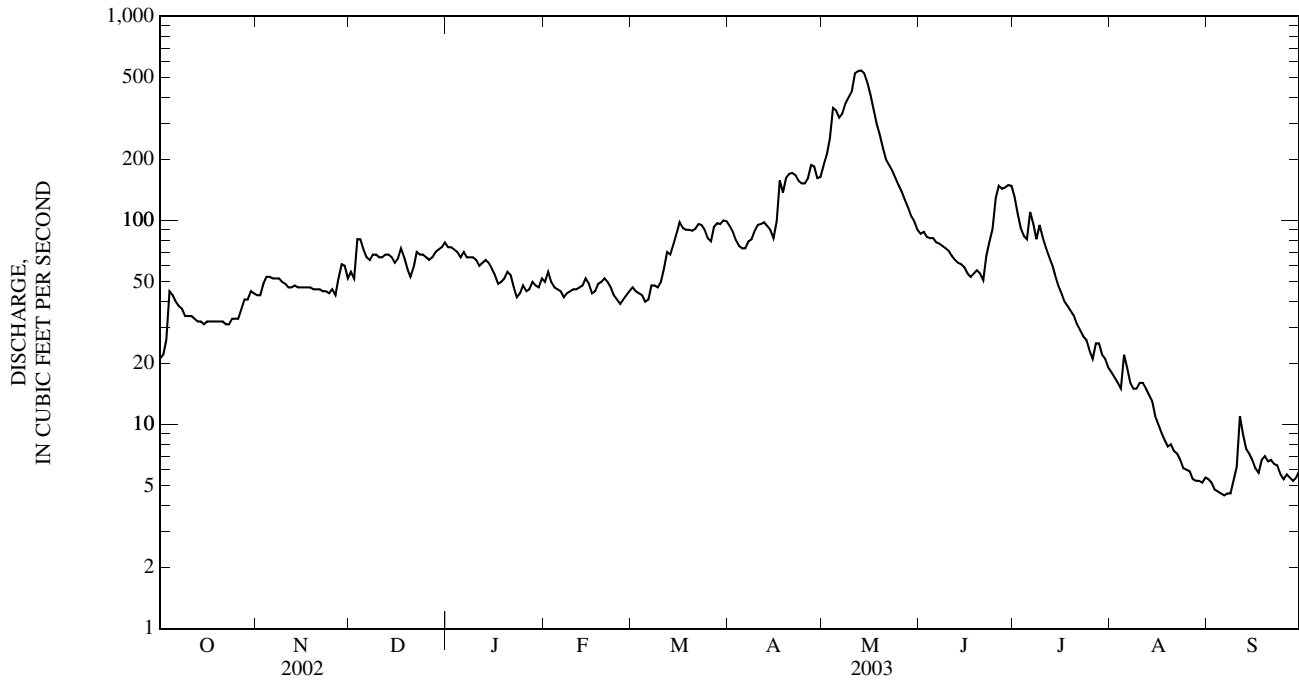
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1947 - 2003, BY WATER YEAR (WY)

MEAN	87.5	93.2	81.3	71.3	139	348	496	414	308	161	74.5	75.5
MAX	671	443	250	226	1,172	2,144	2,081	2,243	2,690	1,993	444	882
(WY)	(1952)	(1999)	(1952)	(1995)	(1952)	(1987)	(1987)	(1995)	(1962)	(1993)	(1993)	(1986)
MIN	19.4	27.0	27.3	19.4	26.0	61.1	59.7	51.8	45.8	10.7	11.2	6.07
(WY)	(1976)	(1977)	(1956)	(1977)	(1975)	(1981)	(1981)	(1981)	(1976)	(2002)	(2003)	(2003)

06797500 ELKHORN RIVER AT EWING, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1947 - 2003	
ANNUAL TOTAL	27,740.2		27,313.3		196	
ANNUAL MEAN	76.0		74.8		543	
HIGHEST ANNUAL MEAN					42.8	
LOWEST ANNUAL MEAN					8,480	
HIGHEST DAILY MEAN	211	May 4	543	May 13	8,480	May 30, 1995
LOWEST DAILY MEAN	5.5	Jul 29	4.5	Sep 6	4.5	Sep 6, 2003
ANNUAL SEVEN-DAY MINIMUM	6.4	Jul 23	4.7	Sep 2	4.7	Sep 2, 2003
MAXIMUM PEAK FLOW			567	May 13	9,050	May 29, 1995
MAXIMUM PEAK STAGE			4.71	May 13	11.09	May 29, 1995
ANNUAL RUNOFF (AC-FT)	55,020		54,180		141,900	
10 PERCENT EXCEEDS	157		152		412	
50 PERCENT EXCEEDS	64		52		78	
90 PERCENT EXCEEDS	12		7.2		30	

e Estimated.



06799000 ELKHORN RIVER AT NORFOLK, NE

LOCATION.--Lat 42°00'14", long 97°25'31", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.34, T.24 N., R.1 W., Madison County, Hydrologic Unit 10220001, on left bank 200 ft downstream from U.S. Highway 81 bridge, 1 mi south of intersection of U.S. Highways 81 and 275, and 3.6 mi upstream from North Fork Elkhorn River, and at mile 129.

DRAINAGE AREA.--2,790 mi², approximately, of which about 1,790 mi² contributes directly to surface runoff.

PERIOD OF RECORD.--July 1896 to November 1903 (no winter records), October 1945 to current year. Gage height records collected at site 200 ft upstream from May 10, 1941 to Sept. 26, 1945 are contained in reports of U.S. Weather Bureau. Published as "near Norfolk" from October 1957 to September 1977.

REVISED RECORDS.--WSP 1390: 1898-1900. WSP 1730: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,500.95 ft above sea level. See WSP 1918 for history of changes prior to Aug. 30, 1958. Aug. 30, 1958, to July 27, 1978, water-stage recorder at site 3.2 mi upstream at datum 19.88 ft higher and July 28, 1978 to Mar. 18, 1987, present site at datum 4.00 ft higher. Mar. 19, 1987, to Mar. 31, 1995, present site at datum 2.00 ft higher. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	167	262	279	e280	e230	e250	386	642	311	284	147	75
2	180	253	279	e280	e235	e260	386	598	326	272	137	74
3	183	254	287	e280	e245	e260	382	601	340	262	127	73
4	212	260	301	e290	e235	e250	370	762	341	253	126	70
5	228	271	292	e280	e225	255	353	981	338	245	139	69
6	247	269	280	e280	e215	e240	353	1,140	330	492	139	67
7	237	262	243	e280	e220	e250	370	1,020	328	429	132	66
8	220	259	e250	e290	e210	e280	374	974	318	382	126	64
9	213	259	e260	e290	e215	e280	385	927	318	336	120	77
10	210	258	e270	e270	e220	e280	401	952	315	336	161	97
11	204	260	e280	e230	e220	e290	402	1,050	303	349	174	506
12	203	262	e280	213	e215	e310	395	1,090	307	297	141	546
13	197	258	e290	216	e220	e350	392	1,100	326	265	129	217
14	196	266	293	e210	e220	e360	383	1,180	328	244	121	170
15	192	270	296	e215	e235	373	381	1,120	305	226	114	149
16	202	268	308	e215	e230	394	381	1,040	302	207	109	136
17	210	260	325	203	e215	411	373	960	296	194	101	130
18	212	258	318	e200	e220	401	400	815	305	187	96	138
19	213	251	323	e210	e235	401	479	701	397	182	95	142
20	209	247	318	e225	e250	403	519	609	315	174	92	127
21	204	244	317	e220	e270	398	545	549	291	165	87	127
22	208	246	291	e215	e290	393	532	506	291	157	86	124
23	216	246	279	e200	e280	387	508	489	286	152	84	119
24	226	245	260	e190	e270	386	496	476	286	145	79	119
25	230	240	194	e200	e260	387	480	444	305	138	75	111
26	232	252	e200	e200	e240	383	472	423	299	131	73	112
27	242	266	e220	e200	e250	399	453	401	315	153	72	108
28	253	246	e240	e210	e250	414	444	378	325	211	71	108
29	259	265	e280	e225	---	410	475	359	311	187	70	108
30	273	269	e281	e220	---	395	598	341	297	167	69	111
31	272	---	e280	e225	---	387	---	326	---	154	70	---
TOTAL	6,750	7,726	8,614	7,262	6,620	10,637	12,868	22,954	9,455	7,376	3,362	4,140
MEAN	218	258	278	234	236	343	429	740	315	238	108	138
MAX	273	271	325	290	290	414	598	1,180	397	492	174	546
MIN	167	240	194	190	210	240	353	326	286	131	69	64
AC-FT	13,390	15,320	17,090	14,400	13,130	21,100	25,520	45,530	18,750	14,630	6,670	8,210

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1946 - 2003, BY WATER YEAR (WY)

MEAN	318	337	305	293	490	877	1,039	889	902	479	309	271
MAX	1,418	985	609	624	1,862	3,819	3,715	4,615	4,673	3,663	1,398	1,444
(WY)	(1952)	(1999)	(1996)	(1983)	(1952)	(1987)	(1984)	(1995)	(1962)	(1993)	(1951)	(1986)
MIN	125	163	151	146	129	298	254	228	201	99.1	61.9	87.3
(WY)	(1981)	(1979)	(1977)	(1977)	(1978)	(1981)	(1981)	(1981)	(1989)	(1980)	(1976)	(1956)

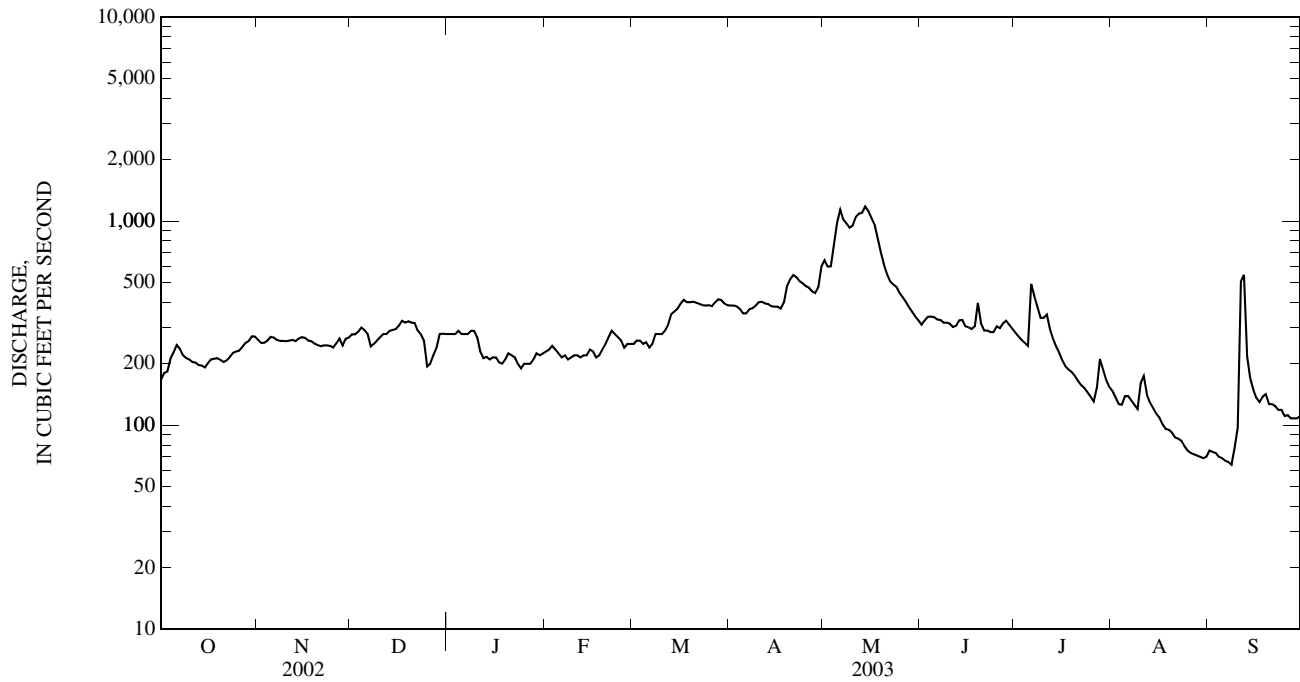
06799000 ELKHORN RIVER AT NORFOLK, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1946 - 2003	
ANNUAL TOTAL	109,371		107,764		542	
ANNUAL MEAN	300		295		1,355	
HIGHEST ANNUAL MEAN					224	
LOWEST ANNUAL MEAN					17,500	
HIGHEST DAILY MEAN	611	May 12	1,180	May 14	May 31, 1995	
LOWEST DAILY MEAN	63	Aug 1	64	Sep 8	Aug 3, 1980	
ANNUAL SEVEN-DAY MINIMUM	72	Jul 26	69	Sep 2	Aug 24, 1976	
MAXIMUM PEAK FLOW			1,240	May 6	*16,900	
MAXIMUM PEAK STAGE			5.63	May 6	**15.63	
ANNUAL RUNOFF (AC-FT)	216,900		213,700		392,500	
10 PERCENT EXCEEDS	499		473		1,060	
50 PERCENT EXCEEDS	270		260		316	
90 PERCENT EXCEEDS	126		121		162	

e Estimated.

* Stage 8.52 ft.

** Backwater from ice.



06799100 NORTH FORK ELKHORN RIVER NEAR PIERCE, NE

LOCATION--Lat 42° 08' 57", long 97° 28' 41", in NW $\frac{1}{4}$ sec. 18, T. 25 N., R. 1 W., Pierce County, Hydrologic Unit 10220002, on right bank 4 ft downstream and 25 ft from end of bridge, 4.5 mi southeast of Pierce, and at mile 20.8.

DRAINAGE AREA --701 mi², of which 671 mi² contributes directly to surface runoff.

PERIOD OF RECORD.--August 1960 to current year.

REVISED RECORDS.--WDR NE-94-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,542.88 ft above sea level (U.S. Weather Service levels). Aug. 19, 1960 to Oct. 7, 1997, water-stage recorder at site 2 mi upstream at datum 10.19 ft higher. Data collection platform at station.

REMARKS.--Record good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	21	32	34	e38	e39	e45	75	130	68	84	33	11
2	22	37	41	e37	e40	e46	69	133	72	74	30	11
3	23	37	30	e37	e39	e47	64	108	77	67	28	11
4	29	37	32	e38	38	46	63	120	89	62	28	11
5	27	37	31	e38	e38	e47	62	191	108	61	29	10
6	30	37	41	e37	39	e42	60	182	88	240	26	9.9
7	31	37	37	38	e37	e41	62	157	83	628	24	9.6
8	27	36	35	39	e38	e40	57	136	84	533	22	9.3
9	25	36	34	38	e39	39	65	133	81	220	21	14
10	26	35	36	31	39	e39	93	131	81	165	28	23
11	26	34	37	e30	35	e41	115	182	99	131	27	56
12	25	34	36	e31	e36	e43	89	207	137	105	24	66
13	25	37	34	e35	e37	46	73	188	99	87	23	56
14	25	38	36	e34	e37	50	65	198	84	76	22	35
15	25	37	36	e31	38	71	60	226	77	67	18	26
16	26	37	36	e32	37	98	58	201	72	59	16	23
17	29	36	36	e29	e36	86	57	161	69	54	15	21
18	28	36	39	e28	e38	71	60	142	69	51	15	25
19	27	36	39	e30	e41	65	65	131	69	49	16	26
20	27	35	36	e33	e44	63	77	121	62	46	16	25
21	27	34	30	e33	e47	64	84	114	58	43	14	24
22	26	34	29	e32	e50	61	72	108	56	41	13	22
23	27	34	33	e31	49	59	65	107	57	37	13	22
24	29	35	36	e32	e48	57	63	106	92	36	13	21
25	29	27	37	e34	e46	57	65	102	418	34	13	20
26	29	30	38	e34	e43	56	65	98	576	31	15	21
27	30	35	35	e33	e44	66	64	92	239	37	12	21
28	32	31	36	e35	e45	119	58	87	142	37	12	20
29	32	41	38	e38	---	140	53	81	110	35	11	20
30	35	29	37	e37	---	95	78	76	94	34	11	21
31	35	---	e38	e38	---	82	---	71	---	34	11	---
TOTAL	855	1,051	1,103	1,061	1,137	1,922	2,056	4,220	3,510	3,258	599	690.8
MEAN	27.6	35.0	35.6	34.2	40.6	62.0	68.5	136	117	105	19.3	23.0
MAX	35	41	41	39	50	140	115	226	576	628	33	66
MIN	21	27	29	28	35	39	53	71	56	31	11	9.3
AC-FT	1,700	2,080	2,190	2,100	2,260	3,810	4,080	8,370	6,960	6,460	1,190	1,370

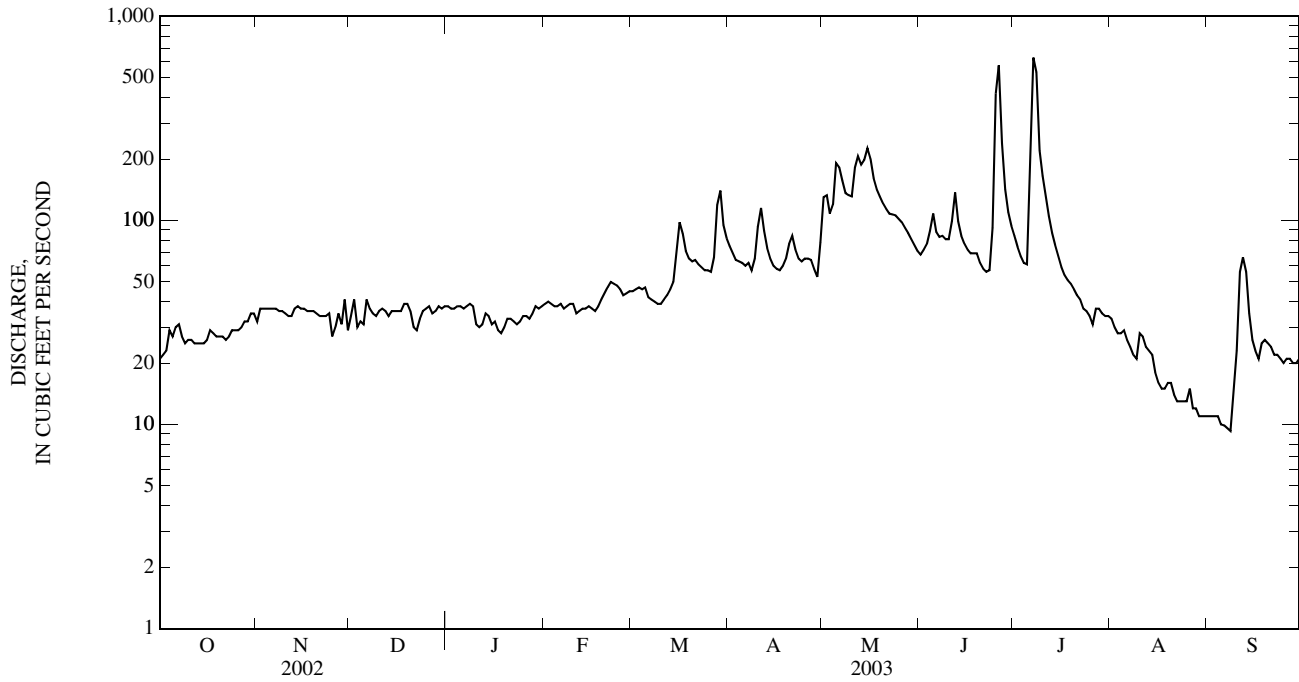
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1960 - 2003, BY WATER YEAR (WY)

MEAN	52.9	59.8	54.0	49.1	114	201	190	164	182	99.5	54.7	46.3
MAX	241	233	156	111	834	1,120	1,004	663	799	834	226	191
(WY)	(1996)	(1999)	(2002)	(1973)	(1971)	(1962)	(1984)	(1995)	(1967)	(1993)	(1996)	(1992)
MIN	13.5	14.7	14.6	15.6	24.2	30.3	28.7	27.7	21.8	11.7	7.41	9.53
(WY)	(1992)	(1992)	(1992)	(1992)	(1978)	(1990)	(1990)	(1981)	(1989)	(1989)	(1990)	(1990)

06799100 NORTH FORK ELKHORN RIVER NEAR PIERCE, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1960 - 2003	
ANNUAL TOTAL	24,541.8		21,462.8		105	
ANNUAL MEAN	67.2		58.8		287	
HIGHEST ANNUAL MEAN					21.5	
LOWEST ANNUAL MEAN					10,400	
HIGHEST DAILY MEAN	310	May 12	628	Jul 7	10,400	Mar 28, 1962
LOWEST DAILY MEAN	6.5	Aug 3	9.3	Sep 8	2.7	Jul 29, 1989
ANNUAL SEVEN-DAY MINIMUM	9.3	Jul 28	10	Sep 2	3.7	Aug 15, 1990
MAXIMUM PEAK FLOW			733	Jul 8	15,200	Feb 19, 1971
MAXIMUM PEAK STAGE			6.64	Jul 8	15.10	Feb 19, 1971
ANNUAL RUNOFF (AC-FT)	48,680		42,570		76,170	
10 PERCENT EXCEEDS	126		108		201	
50 PERCENT EXCEEDS	47		38		48	
90 PERCENT EXCEEDS	20		22		22	

e Estimated.



06799315 ELKHORN RIVER AT PILGER, NE

LOCATION--Lat 41° 59'42", long 97° 03'29", in NE 1/4 SW 1/4 sec.2, T.23 N., R.3 E., Stanton County, Hydrologic Unit 10220003, on right bank near the downstream wingwall of the bridge on State Highway 15, 0.8 miles south of Pilger.

DRAINAGE AREA --4,360 mi², approximately, of which about 3,360 mi² contributes directly to surface runoff.

PERIOD OF RECORD--June 2001 to current year.

GAGE--Water-stage recorder. Datum of gage is 1,388.41 ft above sea level. Data collection platform at station.

REMARKS--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	263	418	392	e440	e560	e450	721	2,560	535	486	271	154
2	274	406	406	e480	e520	e490	700	1,300	579	472	259	156
3	297	397	395	e460	e480	e550	678	1,110	603	453	242	155
4	354	399	370	e470	e420	e380	662	2,190	588	430	231	152
5	343	411	371	e500	e400	e330	633	3,310	649	424	251	150
6	347	416	347	e500	e420	e410	623	3,000	652	800	250	147
7	362	417	e330	e520	e430	e620	649	2,130	664	1,340	239	145
8	353	408	e340	e480	e460	e940	643	1,810	618	1,360	227	144
9	329	404	e360	e390	e560	e980	622	2,820	609	1,270	220	166
10	327	392	e380	e300	e580	e940	682	2,400	595	855	224	213
11	329	382	e380	e230	e540	e860	741	2,390	562	763	296	527
12	327	378	e380	e220	e500	e720	752	2,230	563	635	275	1,570
13	328	387	e400	e210	e480	e560	699	2,030	614	521	233	794
14	331	381	e400	e160	e500	925	655	2,450	603	452	219	373
15	333	379	e400	e140	e430	585	632	2,540	568	409	211	264
16	337	383	e420	e130	e470	592	620	2,010	541	367	204	225
17	355	386	466	e120	e490	680	599	1,700	542	330	190	204
18	346	380	491	e110	e600	694	588	1,430	544	312	181	204
19	340	379	484	e110	e680	673	715	1,300	599	299	180	219
20	339	373	472	e110	e740	712	787	1,120	617	291	177	215
21	334	373	e390	e140	e820	694	850	1,010	532	279	169	207
22	321	365	e330	e215	e2,100	679	859	952	508	270	163	203
23	328	363	e260	e270	e1,300	651	804	905	497	257	165	205
24	349	352	e280	e330	e640	650	793	873	493	244	162	206
25	359	341	e270	e460	e270	640	773	838	548	238	157	207
26	358	343	e270	e520	e430	628	739	788	860	234	157	207
27	374	338	e310	e520	e450	682	714	747	1,090	250	156	207
28	406	375	e420	e500	e370	773	671	703	775	334	152	208
29	402	417	e500	e500	---	779	680	651	612	348	151	211
30	426	396	e480	e560	---	811	1,350	610	521	307	150	215
31	440	---	e450	e560	---	742	---	562	---	284	150	---
TOTAL	10,711	11,539	11,944	10,655	16,640	20,820	21,634	50,469	18,281	15,314	6,312	8,253
MEAN	346	385	385	344	594	672	721	1,628	609	494	204	275
MAX	440	418	500	560	2,100	980	1,350	3,310	1,090	1,360	296	1,570
MIN	263	338	260	110	270	330	588	562	493	234	150	144
AC-FT	21,250	22,890	23,690	21,130	33,010	41,300	42,910	100,100	36,260	30,380	12,520	16,370

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2003, BY WATER YEAR (WY)

MEAN	477	509	495	375	492	666	754	1,267	648	493	333	385
MAX	609	633	606	406	594	672	786	1,628	686	798	566	638
(WY)	(2002)	(2002)	(2002)	(2002)	(2003)	(2003)	(2002)	(2003)	(2002)	(2001)	(2001)	(2001)
MIN	346	385	385	344	390	661	721	906	609	185	204	241
(WY)	(2003)	(2003)	(2003)	(2003)	(2002)	(2002)	(2003)	(2002)	(2003)	(2002)	(2003)	(2002)

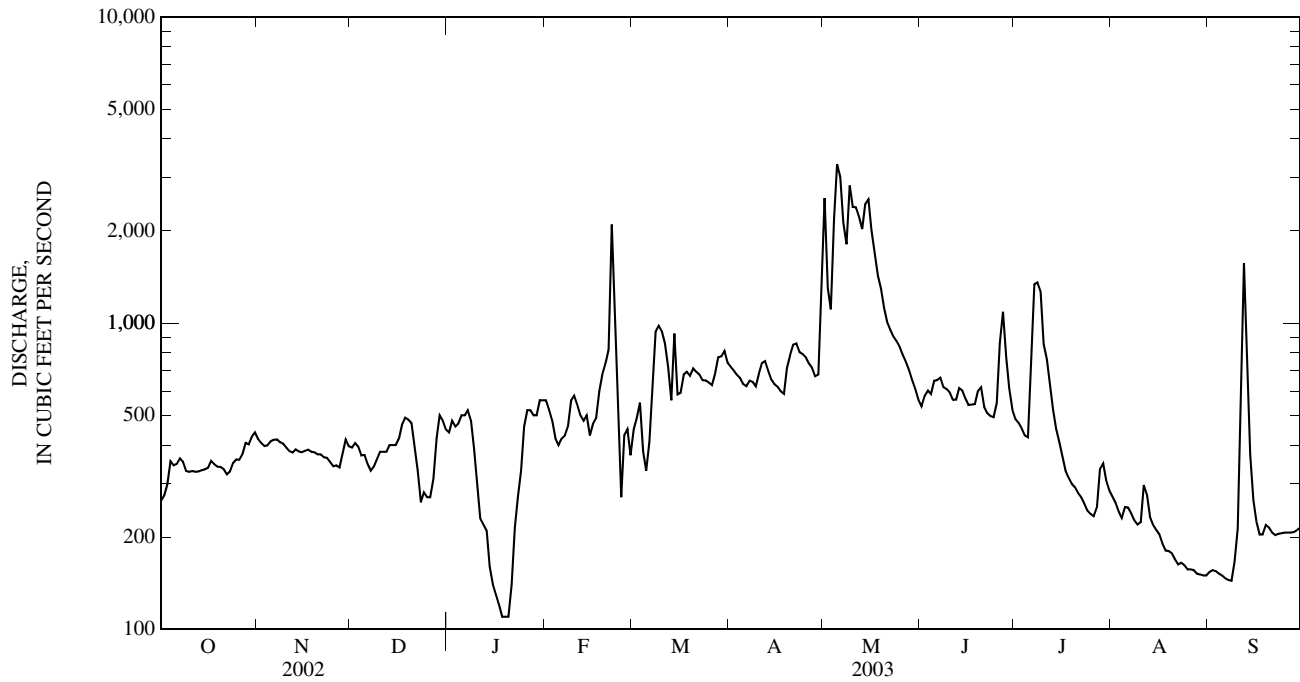
06799315 ELKHORN RIVER AT PILGER, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2001 - 2003	
ANNUAL TOTAL	170,581		202,572		542	
ANNUAL MEAN	467		555		555	
HIGHEST ANNUAL MEAN					529	
LOWEST ANNUAL MEAN					529	
HIGHEST DAILY MEAN	2,730	Jun 12	3,310	May 5	3,310	May 5, 2003
LOWEST DAILY MEAN	102	Aug 2	110	Jan 18	102	Aug 2, 2002
ANNUAL SEVEN-DAY MINIMUM	114	Jul 29	123	Jan 15	114	Jul 29, 2002
MAXIMUM PEAK FLOW			*6,840	May 4	6,840	May 4, 2003
MAXIMUM PEAK STAGE			**10.53	Feb 20	**10.53	Feb 20, 2003
ANNUAL RUNOFF (AC-FT)	338,300		401,800		392,600	
10 PERCENT EXCEEDS	862		865		905	
50 PERCENT EXCEEDS	383		424		464	
90 PERCENT EXCEEDS	196		205		203	

e Estimated.

* Stage 9.99 ft.

** Backwater from ice.



06799350 ELKHORN RIVER AT WEST POINT, NE

LOCATION.--Lat 41° 50'22", long 96° 43'38", in SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.34, T.22 N., R.6 E., Cuming County, Hydrologic Unit 10220003, on right bank near right downstream wingwall of bridge on State Highway 32, 1 mi west of West Point, and at mile 79.8.

DRAINAGE AREA.--4,680 mi², approximately, of which about 4,100 mi² contributes directly to surface runoff, revised.

PERIOD OF RECORD.--October 1972 to current year. March 1960 to September 1972 (no winter records 1960-68) in files of Corps of Engineers. Gage-height records collected since 1940 are in reports of U.S. Weather Service.

GAGE.--Water-stage recorder. Datum of gage is 1,291.26 ft above sea level. Prior to May 18, 1976, at site on left bank 50 ft upstream from bridge at same datum. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some small diversions above station for irrigation.

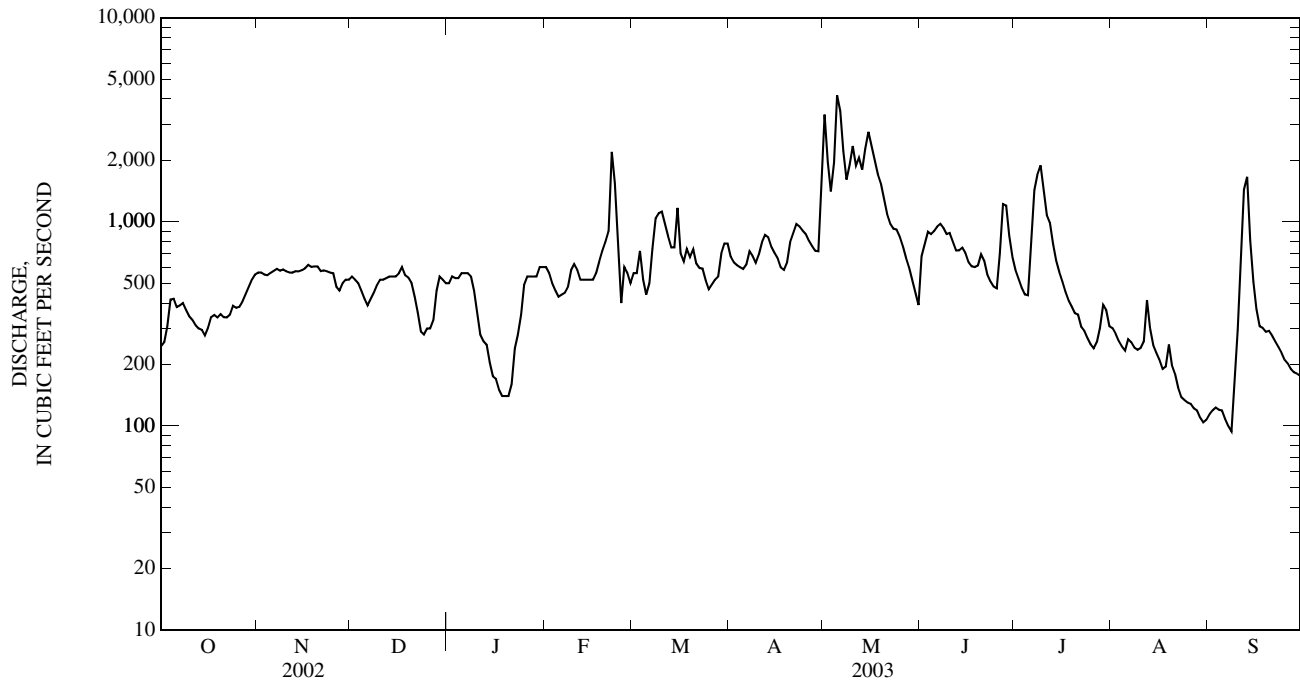
DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	245	564	e540	e500	e600	e560	675	3,350	679	581	301	114
2	257	564	e520	e540	e560	e560	632	1,960	776	526	283	119
3	308	551	e500	e530	e500	e720	613	1,410	895	476	e260	123
4	416	547	e460	e530	e460	e520	599	1,950	871	441	e245	120
5	420	562	e420	e560	e430	e440	587	4,170	903	437	234	119
6	382	575	e390	e560	e440	e500	618	3,490	948	825	266	108
7	389	588	e420	e560	e450	e740	717	2,220	977	1,430	257	100
8	400	576	e450	e540	e480	e1,040	681	1,610	934	1,700	242	94
9	369	584	e490	e460	e580	e1,100	630	1,910	870	1,890	236	166
10	345	572	e520	e360	e620	e1,120	691	2,350	882	1,450	241	296
11	331	564	e520	e280	e580	979	795	1,880	799	1,080	259	682
12	312	563	e530	e260	e520	e850	862	2,060	724	991	414	1,440
13	300	573	e540	e250	e520	e750	839	1,800	724	779	301	1,660
14	295	572	e540	e205	e520	e750	756	2,280	747	648	249	813
15	277	579	e540	e175	e520	1,170	705	2,760	705	568	229	508
16	303	592	e560	e170	e520	702	663	2,360	633	508	211	373
17	341	615	600	e150	e560	641	598	2,000	606	454	190	308
18	350	601	547	e140	e640	737	581	1,710	600	411	195	302
19	340	604	533	e140	e720	672	630	1,540	610	384	250	289
20	353	605	503	e140	e800	733	796	1,300	693	356	198	292
21	341	574	e430	e160	e900	624	878	1,090	644	351	179	277
22	340	578	e360	e240	e2,200	594	976	977	552	306	154	259
23	351	572	e290	e280	e1,550	590	947	925	510	292	138	244
24	388	563	e280	e350	e800	517	906	918	482	270	134	228
25	379	560	e300	e490	e400	468	870	851	472	251	130	211
26	383	e480	e300	e540	e600	494	809	762	696	240	128	202
27	407	e460	e330	e540	e560	e520	760	667	1,220	258	122	190
28	441	e500	e460	e540	e500	e540	721	598	1,200	302	119	183
29	480	e520	e540	e540	---	701	717	522	855	392	110	180
30	521	e520	e520	e600	---	783	1,430	455	672	370	104	176
31	551	---	e500	e600	---	783	---	391	---	308	107	---
TOTAL	11,315	16,878	14,433	11,930	18,530	21,898	22,682	52,266	22,879	19,275	6,486	10,176
MEAN	365	563	466	385	662	706	756	1,686	763	622	209	339
MAX	551	615	600	600	2,200	1,170	1,430	4,170	1,220	1,890	414	1,660
MIN	245	460	280	140	400	440	581	391	472	240	104	94
AC-FT	22,440	33,480	28,630	23,660	36,750	43,430	44,990	103,700	45,380	38,230	12,860	20,180
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1973 - 2003, BY WATER YEAR (WY)												
MEAN	552	641	594	541	1,024	1,766	1,821	1,639	1,543	1,004	603	482
MAX	1,606	1,802	1,314	1,106	2,744	5,256	6,171	5,618	3,844	6,945	1,994	1,646
(WY)	(1987)	(1999)	(1994)	(1995)	(1983)	(1987)	(1984)	(1995)	(1995)	(1993)	(1993)	(1986)
MIN	174	241	203	168	201	411	378	325	339	154	90.0	137
(WY)	(1977)	(1979)	(1977)	(1977)	(1979)	(1981)	(1981)	(1981)	(1976)	(1976)	(1976)	(1976)

06799350 ELKHORN RIVER AT WEST POINT, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1973 - 2003	
ANNUAL TOTAL	223,644		228,748		1,016	
ANNUAL MEAN	613		627		2,253	
HIGHEST ANNUAL MEAN					332	
LOWEST ANNUAL MEAN					26,000	
HIGHEST DAILY MEAN	3,280	Jun 12	4,170	May 5	41	Mar 9, 1993
LOWEST DAILY MEAN	86	Aug 3	94	Sep 8	45	Aug 31, 1976
ANNUAL SEVEN-DAY MINIMUM	127	Jul 28	112	Sep 2	e**33,000	Jun 25, 1969
MAXIMUM PEAK FLOW			*6,710	May 5	****18.60	Mar 9, 1993
MAXIMUM PEAK STAGE			***3.46	Feb 21		
ANNUAL RUNOFF (AC-FT)	443,600		453,700		736,200	
10 PERCENT EXCEEDS	1,030		1,060		2,040	
50 PERCENT EXCEEDS	533		540		600	
90 PERCENT EXCEEDS	248		209		235	

e Estimated.
 * Stage 10.23 ft.
 ** Stage 13.21 ft.
 *** Backwater from ice.
 **** From floodmark, ice jam.



LOCATION.--Lat 42° 16'38", long 96° 51'43", in NW¹/₄ NW¹/₄ sec.33, T.27 N., R.8 E., Dixon County, Hydrologic Unit 10220004, on the left downstream shoulder of Nebraska Highway 16 bridge at the north edge of Wakefield.

PERIOD OF RECORD.--October 2002 to September 2003.

GAGE.--Water-stage recorder. Elevation of gage is 1,360 ft above sea level from topographic map. Data collection platform at station.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	78	81	90	87	e74	e60	101	172	115	182	92	53
2	78	80	86	88	e78	e59	100	139	123	175	88	53
3	79	80	82	88	e82	e60	94	128	126	168	85	49
4	96	79	83	89	e82	e57	93	217	120	167	85	48
5	81	79	e78	89	e80	e55	93	345	119	178	89	49
6	76	77	88	88	e80	e54	90	201	119	3,570	84	50
7	74	76	85	89	e79	e54	88	171	123	443	77	51
8	73	77	83	90	e79	e53	92	163	119	277	77	51
9	73	78	e95	92	e78	e53	105	204	161	256	75	66
10	73	80	83	e90	e78	e53	136	164	4,630	247	75	110
11	73	78	83	e86	e77	e57	129	255	887	204	71	356
12	71	77	82	e83	e77	e64	112	207	349	191	66	319
13	71	78	81	e84	e78	e70	107	183	257	179	63	132
14	71	78	83	e81	e80	103	105	193	215	171	64	98
15	71	79	83	e79	e79	137	105	177	189	163	61	88
16	74	79	84	e78	e77	118	104	164	175	154	61	84
17	75	81	87	e76	e76	108	101	157	167	147	61	81
18	73	83	87	e75	e76	103	102	145	148	142	62	82
19	73	83	86	e75	e78	102	105	141	140	136	61	81
20	73	84	84	e76	e96	102	103	133	147	134	59	78
21	75	83	84	e75	e115	96	101	132	154	127	56	81
22	77	84	84	e73	e95	89	103	125	159	120	53	79
23	79	84	e84	e71	e81	88	105	133	163	118	52	78
24	80	84	e83	e71	e69	85	112	136	2,590	117	53	78
25	79	e95	e82	e70	e62	87	113	138	799	114	52	76
26	78	85	e88	e70	e57	85	111	130	420	107	50	77
27	80	84	85	e69	e58	114	107	126	268	133	49	75
28	83	86	85	e69	e60	170	104	124	236	117	49	75
29	81	86	87	e70	---	123	102	120	219	106	50	76
30	85	85	88	e70	---	111	148	118	202	99	50	77
31	85	---	87	e71	---	106	---	106	---	96	51	---
TOTAL	2,388	2,443	2,630	2,462	2,181	2,676	3,171	5,047	13,639	8,538	2,021	2,751
MEAN	77.0	81.4	84.8	79.4	77.9	86.3	106	163	455	275	65.2	91.7
MAX	96	95	95	92	115	170	148	345	4,630	3,570	92	356
MIN	71	76	78	69	57	53	88	106	115	96	49	48
AC-FT	4,740	4,850	5,220	4,880	4,330	5,310	6,290	10,010	27,050	16,940	4,010	5,460

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2003, BY WATER YEAR (WY)

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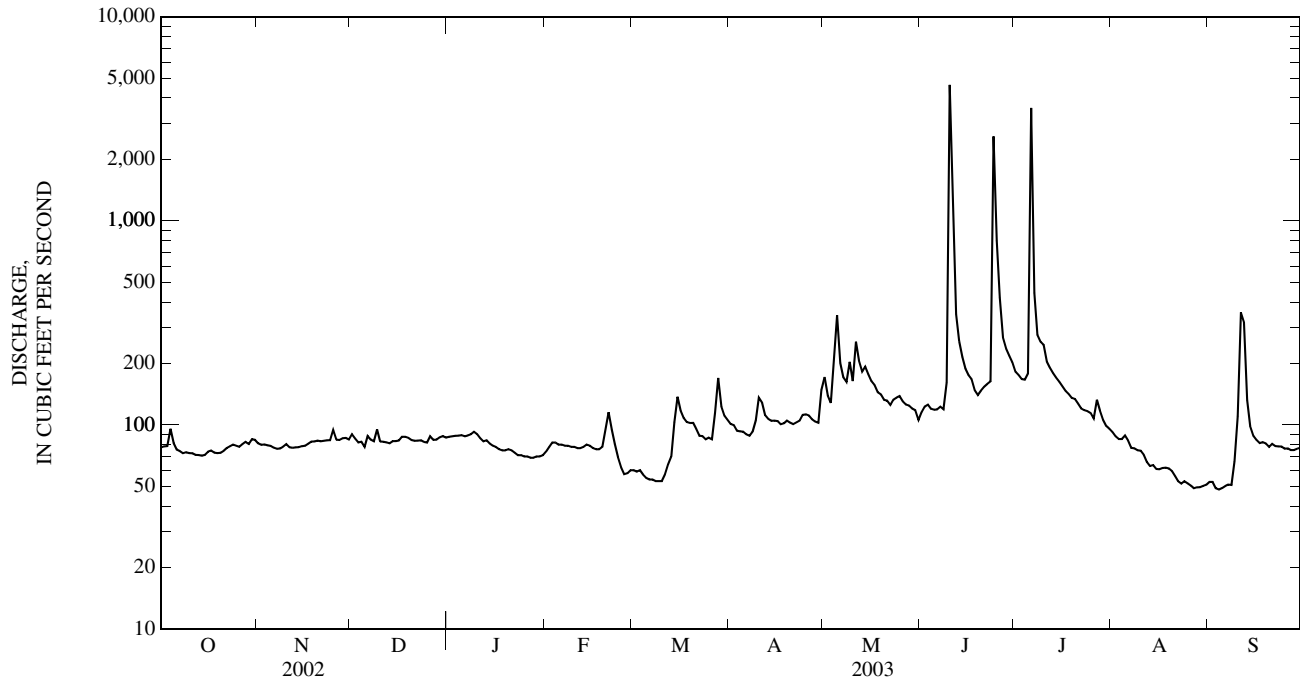
06799445 LOGAN CREEK AT WAKEFIELD, NE—Continued

SUMMARY STATISTICS

FOR 2003 WATER YEAR

ANNUAL TOTAL	49,947	
ANNUAL MEAN	137	
HIGHEST DAILY MEAN	4,630	Jun 10
LOWEST DAILY MEAN	48	Sep 4
ANNUAL SEVEN-DAY MINIMUM	50	Aug 25
MAXIMUM PEAK FLOW	9,550	Jun 10
MAXIMUM PEAK STAGE	23.55	Jun 10
ANNUAL RUNOFF (AC-FT)	99,070	
10 PERCENT EXCEEDS	73	
50 PERCENT EXCEEDS	85	
90 PERCENT EXCEEDS	61	

e Estimated.



LOCATION.--Lat 42° 00' 10", long 96° 29' 25", in NW¹/₄ NE¹/₄ sec.2, T.23 N., R.8 E., Burt County, Hydrologic Unit 10220004, on the left downstream shoulder of Nebraska Highway 51 bridge over Logan Creek and 3.5 miles east southeast of Bancroft, Nebraska.

PERIOD OF RECORD.--October 2002 to September 2003.

GAGE.--Water-stage recorder. Elevation of gage is 1,270 ft above sea level from topographic map. Data collection platform at station.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	84	129	e115	e101	e110	e135	147	283	149	261	139	66
2	93	123	e109	e102	e109	e137	138	259	165	250	136	65
3	105	125	e82	e103	e103	e126	132	209	187	237	131	65
4	128	123	e87	e103	e98	e131	128	243	194	226	131	61
5	123	125	e86	e108	e91	e137	128	970	181	538	134	60
6	106	125	e91	e103	e92	e124	125	570	170	4,910	136	57
7	101	122	e101	e102	e105	e120	135	352	168	2,280	126	57
8	101	122	e101	e101	e107	e128	130	288	167	898	120	58
9	99	121	e95	e101	e102	e135	141	350	165	644	119	73
10	101	122	e99	e89	e106	e129	180	353	5,560	585	120	134
11	101	118	e99	e88	e110	e129	230	406	2,600	480	120	335
12	98	117	e102	e87	e100	e167	193	471	1,400	411	111	831
13	98	117	e102	e80	e89	223	158	341	782	372	102	396
14	100	120	e102	e80	e102	232	141	307	624	347	98	196
15	99	118	e101	e73	e110	212	131	300	534	324	97	150
16	109	118	e102	e81	e110	225	130	271	479	295	93	133
17	e108	119	e101	e74	e118	180	128	248	435	275	89	124
18	e107	121	e103	e80	e112	150	127	232	400	261	87	125
19	105	116	e105	e93	e148	136	141	238	363	245	98	131
20	103	117	e105	e88	e265	148	146	215	329	234	94	123
21	102	114	e105	e85	e206	165	141	209	301	229	88	120
22	102	114	e108	e81	e159	141	131	207	289	216	82	119
23	108	115	e106	e86	e141	128	126	215	284	198	77	115
24	115	113	e101	e89	e139	123	133	218	1,620	190	73	109
25	118	116	e95	e89	e141	123	138	228	2,310	183	72	106
26	116	e114	e96	e90	e176	120	136	214	1,150	172	69	102
27	115	e118	e99	e85	e168	137	132	196	551	171	62	97
28	124	e117	e99	e89	e147	250	125	183	391	210	58	95
29	125	e115	e101	e85	---	268	122	173	340	183	56	96
30	130	e120	e105	e90	---	183	163	169	e297	161	57	102
31	134	---	e105	e103	---	159	---	158	---	146	63	---
TOTAL	3,358	3,574	3,108	2,809	3,564	4,901	4,256	9,076	22,585	16,132	3,038	4,301
MEAN	108	119	100	90.6	127	158	142	293	753	520	98.0	143
MAX	134	129	115	108	265	268	230	970	5,560	4,910	139	831
MIN	84	113	82	73	89	120	122	158	149	146	56	57
AC-FT	6,660	7,090	6,160	5,570	7,070	9,720	8,440	18,000	44,800	32,000	6,030	8,530

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2003, BY WATER YEAR (WY)

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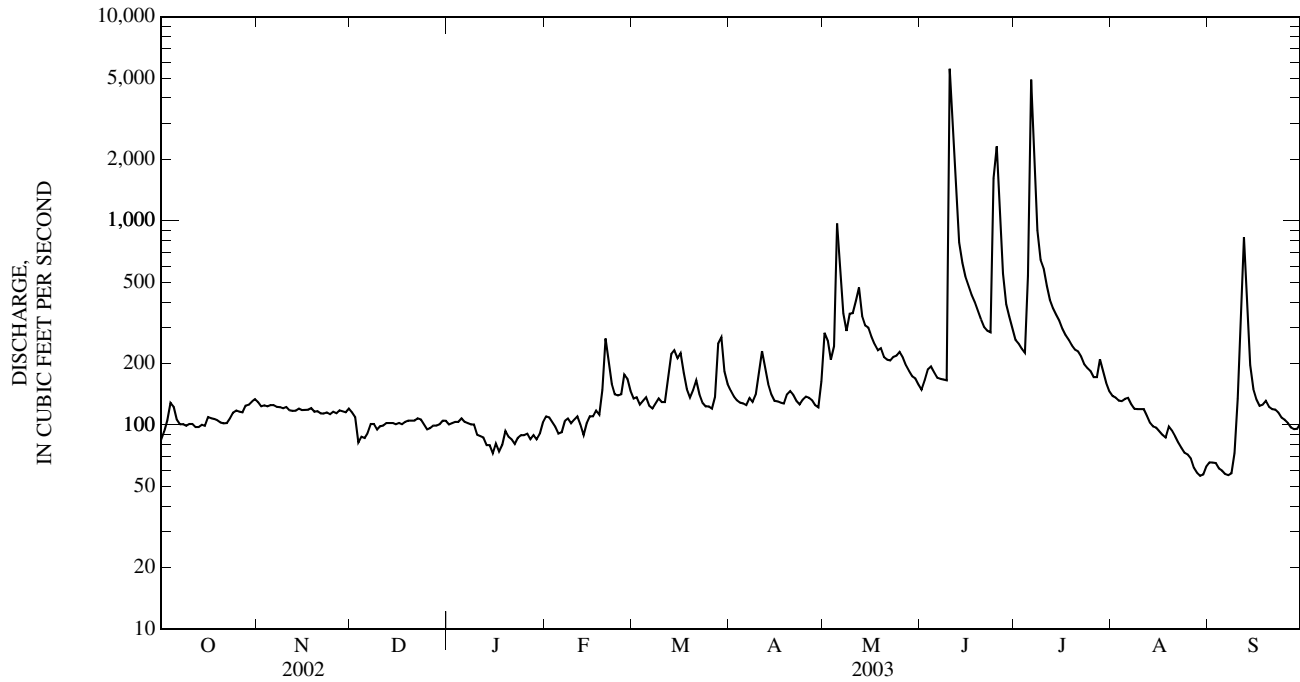
06799460 LOGAN CREEK NEAR BANCROFT, NE—Continued

SUMMARY STATISTICS

FOR 2003 WATER YEAR

ANNUAL TOTAL	80,702	
ANNUAL MEAN	221	
HIGHEST DAILY MEAN	5,560	Jun 10
LOWEST DAILY MEAN	56	Aug 29
ANNUAL SEVEN-DAY MINIMUM	60	Sep 2
MAXIMUM PEAK FLOW	9,670	Jun 10
MAXIMUM PEAK STAGE	19.99	Jun 10
ANNUAL RUNOFF (AC-FT)	160,100	
10 PERCENT EXCEEDS	37	
50 PERCENT EXCEEDS	24	
90 PERCENT EXCEEDS	88	

e Estimated.



06799500 LOGAN CREEK NEAR UEHLING, NE

LOCATION.--Lat 41° 42' 46", long 96° 31' 18", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.9, T.20 N., R.8 E., Dodge County, Hydrologic Unit 10220004, near left bank on upstream side of bridge on county road, 2 mi southwest of Uehling and 8.8 mi upstream from mouth.

DRAINAGE AREA.--1,015 mi².

PERIOD OF RECORD.--March 1941 to current year.

REVISED RECORDS.--WDR NE-94-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,208.73 ft above sea level. See WSP 1918 for history of changes prior to July 15, 1963. July 16, 1963 to Mar. 27, 1989, near right bank on downstream side of bridge at present site and datum. Mar. 28, 1989 to Mar. 22, 1990, 250 ft upstream on left bank at same datum. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor.

COOPERATION.--Records provided by Nebraska Department of Natural Resources and reviewed by the U.S. Geological Survey.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	115	145	e150	e135	e155	e215	179	416	200	287	156	97
2	118	142	e140	e135	e150	e215	167	316	214	271	150	98
3	124	140	e125	e135	e140	e205	159	252	229	256	147	98
4	172	139	e130	e135	e130	e210	155	519	236	249	149	96
5	159	140	e140	e135	e125	e215	154	891	227	314	153	93
6	145	141	e145	e130	e130	e205	153	710	219	3,610	156	93
7	130	138	e145	e135	e140	e215	162	380	212	2,400	147	92
8	129	138	e135	e130	e145	e225	157	318	217	900	140	92
9	127	137	e150	e125	e145	e250	162	318	209	603	136	101
10	126	136	e140	e120	e150	e360	197	379	4,520	509	137	135
11	126	135	e150	e120	e145	e500	245	346	2,180	471	130	320
12	125	131	e145	e116	e135	e780	231	463	1,250	385	124	589
13	121	132	e140	e112	e125	1,280	188	363	653	353	117	504
14	122	132	e140	e110	e125	1,410	168	327	474	331	114	219
15	122	135	e135	e116	e135	1,570	156	301	397	311	112	160
16	125	132	e145	e116	e140	946	153	290	356	287	109	139
17	134	131	e140	e118	e140	272	146	269	334	270	108	129
18	135	132	e135	e118	e170	227	149	255	314	257	111	127
19	130	134	e125	e120	e215	206	157	621	294	243	132	130
20	125	134	e125	e116	e380	214	162	320	271	239	114	128
21	125	132	e125	e108	e500	223	160	268	292	235	108	150
22	123	130	e150	e106	e310	203	151	256	276	224	104	126
23	125	131	e150	e110	e250	180	144	261	254	213	101	122
24	132	131	e135	e112	e240	166	147	262	568	202	100	118
25	137	124	e125	e112	e250	162	150	266	2,340	199	100	114
26	137	125	e120	e120	e270	159	147	258	1,050	194	106	114
27	136	e108	e122	e112	e245	164	143	241	593	190	100	111
28	137	e112	e122	e112	e210	221	136	230	407	208	98	110
29	145	e112	e130	e110	---	309	134	219	355	202	95	109
30	151	e108	e130	e125	---	232	1,300	214	316	179	92	109
31	149	---	e135	e140	---	194	---	207	---	166	95	---
TOTAL	4,107	3,937	4,224	3,744	5,395	11,933	6,012	10,736	19,457	14,758	3,741	4,623
MEAN	132	131	136	121	193	385	200	346	649	476	121	154
MAX	172	145	150	140	500	1,570	1,300	891	4,520	3,610	156	589
MIN	115	108	120	106	125	159	134	207	200	166	92	92
AC-FT	8,150	7,810	8,380	7,430	10,700	23,670	11,920	21,290	38,590	29,270	7,420	9,170

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1942 - 2003, BY WATER YEAR (WY)

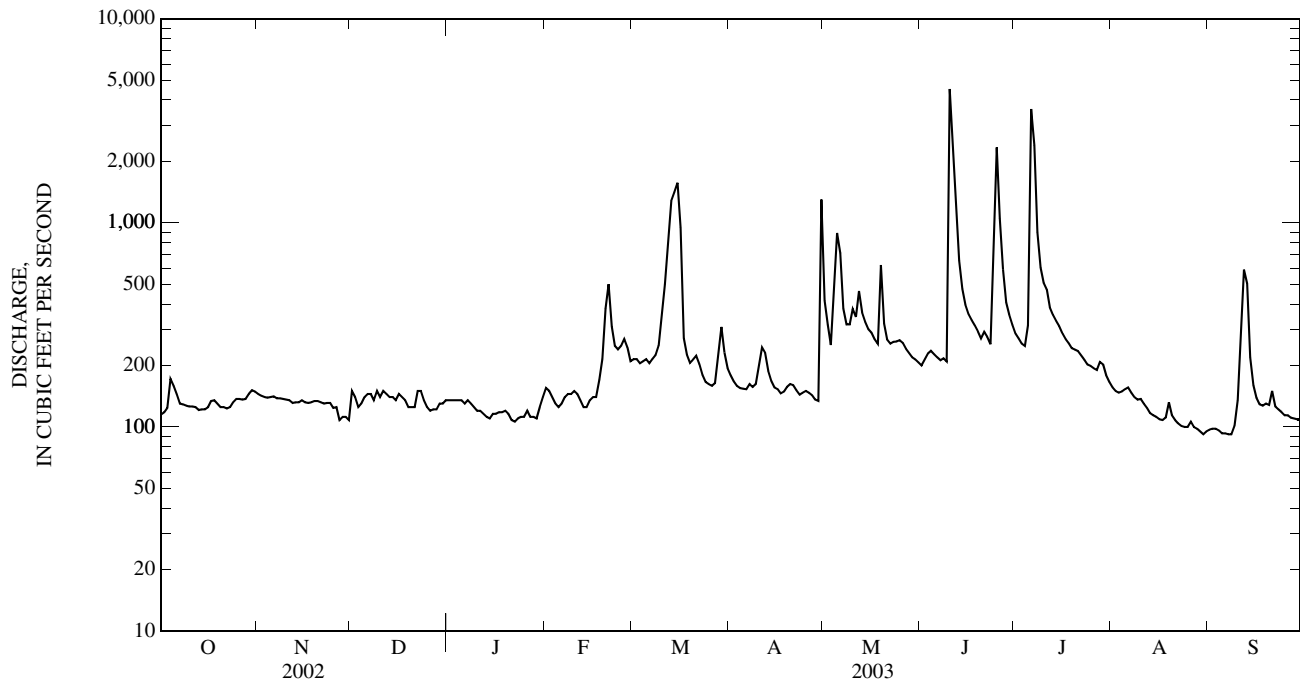
	123	118	103	112	264	408	288	322	504	266	167	130
MEAN	499	453	337	583	2,177	2,388	1,742	1,417	2,766	1,843	1,056	613
(WY)	(1993)	(1999)	(1994)	(1973)	(1971)	(1962)	(1984)	(1984)	(1984)	(1993)	(1951)	(1993)
MIN	32.8	38.2	31.9	34.1	38.1	57.4	42.8	39.9	56.6	17.3	15.0	31.6
(WY)	(1944)	(1949)	(1944)	(1957)	(1979)	(1943)	(1957)	(1943)	(1976)	(1976)	(1976)	(1943)

06799500 LOGAN CREEK NEAR UEHLING, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1942 - 2003	
ANNUAL TOTAL	77,459		92,667		233	
ANNUAL MEAN	212		254		710	
HIGHEST ANNUAL MEAN					1984	
LOWEST ANNUAL MEAN					66.4	
HIGHEST DAILY MEAN	2,580	Jun 12	4,520	Jun 10	20,100	Feb 20, 1971
LOWEST DAILY MEAN	89	Aug 3	92	Aug 30	6.1	Jul 26, 1976
ANNUAL SEVEN-DAY MINIMUM	100	Jul 29	95	Sep 2	8.8	Jul 12, 1976
MAXIMUM PEAK FLOW			8,910	Jun 10	*25,200	Feb 20, 1971
MAXIMUM PEAK STAGE			16.30	Jun 10	20.86	Feb 20, 1997
ANNUAL RUNOFF (AC-FT)	153,600		183,800		168,900	
10 PERCENT EXCEEDS	300		379		416	
50 PERCENT EXCEEDS	165		147		105	
90 PERCENT EXCEEDS	121		112		45	

e Estimated.

* Stage 20.15 ft, from floodmark.



PLATTE RIVER BASIN

06800000 MAPLE CREEK NEAR NICKERSON, NE
(National Water-Quality Assessment, NAWQA, station)

LOCATION.--Lat 41° 33' 39", long 96° 32' 27", in SW 1/4 NW 1/4 sec.4, T.18 N., R.8 E., Dodge County, Hydrologic Unit 10220003, on right bank 8 ft downstream from county road bridge 2 mi upstream from U.S. Highways 77 and 275, 5 mi northwest of Nickerson, and 4 mi upstream from mouth.

DRAINAGE AREA.--369 mi², approximately.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1951 to current year.

REVISED RECORDS.--WSP 1630: 1957-58. WDR NE-98: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,211.62 ft above sea level. Prior to July 28, 1960, nonrecording gage at highway bridge, July 28, 1960 to July 28, 1987, water-stage recorder 180 ft upstream from highway bridge and July 29, 1987 to July 23, 1991 water-stage recorder 30 ft downstream from highway bridge. All at/near U.S. Highway 77 bridge, 2 mi downstream from present gage, at datum 17.06 ft lower. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.2	23	16	18	14	20	25	824	35	28	6.6	1.9
2	11	22	21	19	18	21	24	89	42	28	6.8	1.8
3	12	21	15	20	20	23	24	41	56	27	4.5	1.6
4	20	20	17	21	e18	22	28	598	57	25	3.3	1.5
5	26	20	17	22	e18	25	29	3,390	54	24	3.2	1.4
6	24	19	17	20	19	30	34	929	163	33	4.7	1.5
7	16	18	16	20	e29	20	36	201	143	77	5.6	1.5
8	13	18	16	21	14	19	35	87	65	35	3.5	1.4
9	12	19	18	18	13	28	37	231	57	27	2.8	1.6
10	11	20	19	13	13	27	40	116	46	41	2.4	3.8
11	11	20	21	19	17	19	47	136	38	32	2.7	32
12	11	19	21	22	19	20	41	100	37	23	8.3	479
13	11	18	20	14	13	30	33	58	33	20	5.6	95
14	10	18	19	16	15	45	30	110	31	19	2.9	34
15	11	19	21	e12	14	63	28	114	35	17	2.2	22
16	11	19	23	e10	18	73	29	45	37	15	1.8	16
17	12	20	27	e10	20	52	29	36	40	14	1.9	13
18	13	18	29	14	15	39	30	30	58	13	1.8	13
19	13	18	26	15	16	36	33	321	67	11	100	13
20	15	18	20	12	20	39	36	266	42	11	22	11
21	13	19	12	12	e16	39	33	71	39	11	6.0	10
22	13	18	15	e10	e14	36	28	58	38	19	3.8	9.3
23	14	18	e18	e12	e16	31	27	56	37	13	3.3	8.8
24	17	17	e18	e14	e16	29	30	58	36	8.9	2.7	8.5
25	17	12	19	14	e16	27	28	56	34	7.5	2.4	7.4
26	17	11	20	17	e18	27	26	55	32	7.4	2.1	6.9
27	17	12	14	12	e20	29	24	53	31	e7.0	2.1	6.6
28	19	17	14	11	21	30	24	52	31	6.6	2.1	6.6
29	20	22	16	11	---	33	25	43	30	5.3	1.9	6.3
30	24	16	17	11	---	30	2,510	41	29	4.6	1.9	6.1
31	23	---	18	13	---	27	---	37	---	4.8	2.0	---
TOTAL	465.2	549	580	473	480	989	3,403	8,302	1,473	615.1	222.9	822.5
MEAN	15.0	18.3	18.7	15.3	17.1	31.9	113	268	49.1	19.8	7.19	27.4
MAX	26	23	29	22	29	73	2,510	3,390	163	77	100	479
MIN	8.2	11	12	10	13	19	24	30	29	4.6	1.8	1.4
AC-FT	923	1,090	1,150	938	952	1,960	6,750	16,470	2,920	1,220	442	1,630
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2003, BY WATER YEAR (WY)												
MEAN	37.0	30.1	23.9	24.3	69.6	132	95.3	122	215	100	67.6	46.2
MAX	323	158	102	82.8	446	674	590	642	1,252	1,023	762	383
(WY)	(1983)	(1999)	(1999)	(1999)	(1971)	(1962)	(1984)	(1984)	(1960)	(1993)	(1996)	(1965)
MIN	0.38	0.66	0.50	0.42	0.55	1.36	1.01	0.72	3.00	1.19	0.59	0.26
(WY)	(1982)	(1982)	(1981)	(1982)	(1979)	(1957)	(1981)	(1981)	(1956)	(1976)	(1976)	(1981)

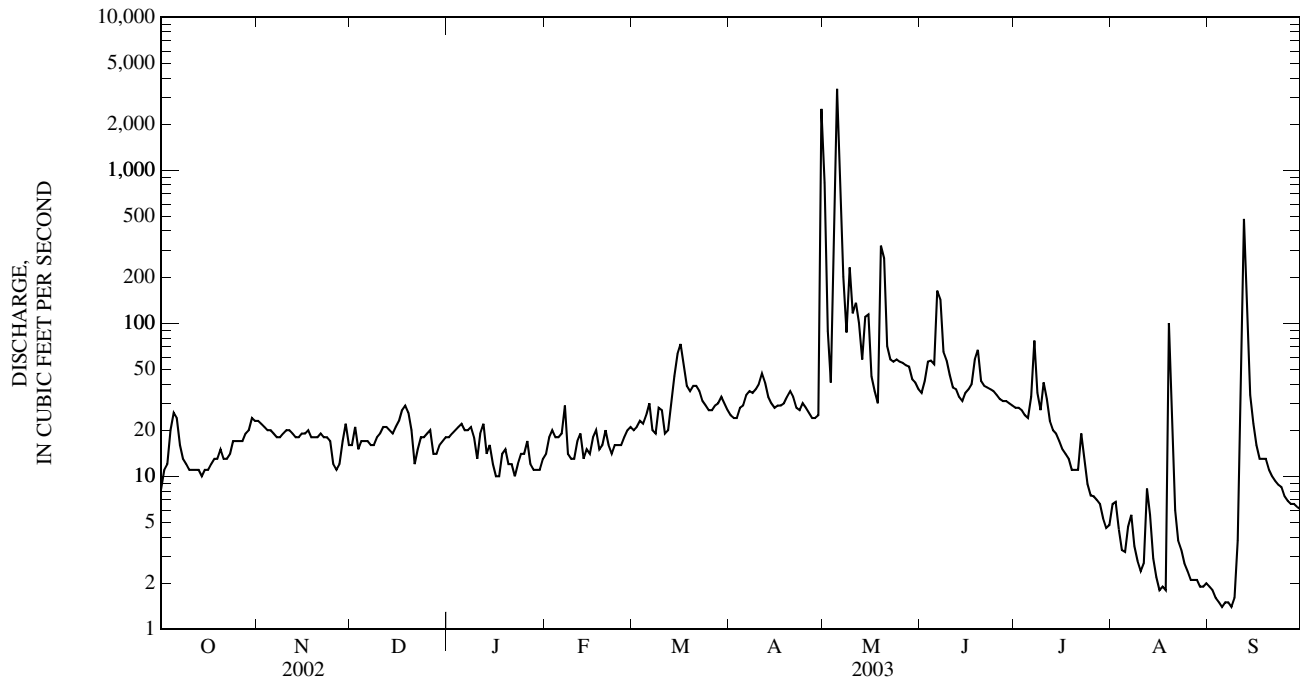
06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1952 - 2003	
ANNUAL TOTAL	19,229.6		18,374.7		80.1	
ANNUAL MEAN	52.7		50.3		264	
HIGHEST ANNUAL MEAN					5.19	
LOWEST ANNUAL MEAN					10,400	
HIGHEST DAILY MEAN	1,180	Jun 12	3,390	May 5		Aug 6, 1996
LOWEST DAILY MEAN	7.1	Sep 23	1.4	Sep 5	0.10	Jan 15, 1956
ANNUAL SEVEN-DAY MINIMUM	8.1	Sep 20	1.5	Sep 3	0.19	Sep 17, 1981
MAXIMUM PEAK FLOW			4,960	May 5	*13,700	Aug 6, 1996
MAXIMUM PEAK STAGE			11.91	May 5	**17.65	Jun 17, 1984
ANNUAL RUNOFF (AC-FT)	38,140		36,450		58,050	
10 PERCENT EXCEEDS	79		55		130	
50 PERCENT EXCEEDS	39		19		24	
90 PERCENT EXCEEDS	12		5.5		1.4	

e Estimated.

* Stage 17.33 ft.

** Site and datum then in use.



PLATTE RIVER BASIN

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued
(National Water-Quality Assessment, NAWQA, station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1993 to current year.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	24.6	14.8	18.3	5.1	-0.3	1.6	---	---	---	---	---	---
2	16.3	10.9	12.8	4.6	-0.3	2.2	---	---	---	---	---	---
3	15.7	10.5	12.8	7.5	3.0	4.7	---	---	---	---	---	---
4	16.2	11.1	13.6	7.1	0.5	3.7	---	---	---	---	---	---
5	16.2	9.2	12.6	6.5	3.8	4.9	---	---	---	---	---	---
6	15.8	9.5	12.8	8.3	1.5	4.6	---	---	---	---	---	---
7	16.1	6.6	10.7	10.9	2.2	6.3	---	---	---	---	---	---
8	19.0	9.5	13.6	10.2	5.0	7.4	---	---	---	---	---	---
9	18.5	10.2	14.2	11.8	5.1	8.1	---	---	---	---	---	---
10	21.1	12.3	16.0	8.6	3.4	6.3	---	---	---	---	---	---
11	20.8	12.2	16.0	6.7	1.1	3.4	---	---	---	---	---	---
12	16.2	8.6	13.3	8.1	0.4	3.9	---	---	---	---	---	---
13	15.7	5.7	10.1	---	2.1	---	---	---	---	---	---	---
14	15.9	6.7	10.6	---	---	---	---	---	---	---	---	---
15	13.9	6.2	9.6	---	---	---	---	---	---	---	---	---
16	8.7	7.3	7.9	---	---	---	---	---	---	---	---	---
17	14.2	6.5	9.6	---	---	---	---	---	---	---	---	---
18	16.1	7.5	11.1	---	---	---	---	---	---	---	---	---
19	12.6	5.5	8.8	---	---	---	---	---	---	---	---	---
20	13.5	5.4	8.7	---	---	---	---	---	---	---	---	---
21	12.5	6.6	8.9	---	---	---	---	---	---	---	---	---
22	6.6	4.1	5.4	---	---	---	---	---	---	---	---	---
23	4.1	1.2	2.9	---	---	---	---	---	---	---	---	---
24	4.2	1.2	2.6	---	---	---	---	---	---	---	---	---
25	8.3	3.3	5.4	---	---	---	---	---	---	---	---	---
26	11.9	5.4	7.9	---	---	---	---	---	---	---	---	---
27	7.6	5.2	6.4	---	---	---	---	---	---	---	---	---
28	7.9	4.9	6.3	---	---	---	---	---	---	---	---	---
29	7.3	6.4	6.8	---	---	---	---	---	---	---	---	---
30	6.4	2.9	5.4	---	---	---	---	---	---	---	---	---
31	5.3	0.6	2.4	---	---	---	---	---	---	---	---	---
MONTH	24.6	0.6	9.8	11.8	-0.3	4.8	---	---	---	---	---	---

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	21.5	8.9	14.8	13.8	10.8	12.1
2	---	---	---	---	---	---	22.9	10.8	16.5	17.4	11.7	14.2
3	---	---	---	---	---	---	19.8	10.4	14.8	20.0	13.0	16.2
4	---	---	---	---	---	---	10.4	4.4	6.3	16.2	5.8	13.0
5	---	---	---	---	---	---	12.3	2.6	7.1	11.3	6.6	9.3
6	---	---	---	---	---	---	6.5	0.9	3.2	12.6	10.9	11.8
7	---	---	---	---	---	---	7.6	0.3	3.7	17.1	9.7	13.2
8	---	---	---	---	---	---	15.3	1.8	7.7	15.3	12.8	13.6
9	---	---	---	---	---	---	16.4	3.6	9.6	17.0	11.6	14.2
10	---	---	---	---	---	---	18.2	6.1	11.9	15.5	11.0	13.2
11	---	---	---	---	---	---	20.9	9.6	14.9	13.9	9.5	11.4
12	---	---	---	---	---	---	22.5	11.3	16.5	18.8	10.4	14.4
13	---	---	---	---	---	---	22.6	11.5	16.6	21.3	13.9	17.1
14	---	---	---	---	---	---	25.3	13.5	18.8	19.6	14.7	17.0
15	---	---	---	---	---	---	23.1	15.7	18.8	17.6	15.1	16.3
16	---	---	---	---	---	---	25.7	12.4	18.2	20.8	13.4	16.7
17	---	---	---	---	---	---	19.6	8.6	13.3	24.0	14.2	18.8
18	---	---	---	---	---	---	12.3	9.9	10.9	24.3	16.1	20.1
19	---	---	---	---	---	---	11.0	9.4	10.1	20.3	16.3	18.0
20	---	---	---	---	---	---	11.9	8.4	9.9	19.8	14.1	16.7
21	---	---	---	---	---	---	20.8	7.7	13.5	22.9	13.4	17.8
22	---	---	---	---	---	---	23.3	8.7	15.4	19.4	14.9	17.2
23	---	---	---	---	---	---	16.3	11.3	13.7	24.1	14.9	19.0
24	---	---	---	12.6	---	---	12.3	10.9	11.6	19.8	16.1	17.6
25	---	---	---	16.9	6.4	11.2	22.2	9.9	15.2	25.3	14.3	19.3
26	---	---	---	13.7	6.6	10.2	22.6	10.3	16.0	26.3	15.9	20.8
27	---	---	---	11.3	5.3	8.8	24.8	12.3	17.6	26.2	16.4	21.1
28	---	---	---	12.2	3.8	6.7	24.8	13.9	18.5	26.8	17.8	21.9
29	---	---	---	10.8	1.6	5.9	18.0	12.0	15.0	26.8	16.7	21.4
30	---	---	---	14.1	1.7	7.7	13.1	9.8	11.2	26.5	17.3	21.4
31	---	---	---	18.3	5.8	11.5	---	---	---	25.6	14.3	19.3
MONTH	---	---	---	18.3	1.6	8.9	25.7	0.3	13.0	26.8	5.8	16.6
	JUNE			JULY			AUGUST			SEPTEMBER		
1	25.6	17.1	20.7	32.8	20.2	25.6	31.7	20.5	24.6	---	---	---
2	19.6	13.7	16.0	33.3	20.9	26.5	33.5	19.8	25.7	---	---	---
3	18.5	13.1	15.4	36.4	22.4	28.7	34.0	18.3	25.4	---	---	---
4	22.8	13.6	18.0	28.1	22.2	25.0	32.0	18.6	23.7	---	---	---
5	24.5	15.9	19.8	33.7	20.2	25.4	34.0	19.3	25.8	---	---	---
6	24.4	17.4	20.0	35.0	19.9	26.4	30.5	21.0	24.8	---	---	---
7	18.3	14.7	15.9	---	---	---	33.6	19.4	25.7	---	---	---
8	20.2	13.0	16.5	34.5	---	---	33.4	19.8	25.6	---	---	---
9	27.0	15.7	20.6	30.4	21.4	25.7	34.4	19.1	25.3	---	---	---
10	23.4	18.4	20.9	31.3	21.0	25.9	35.0	19.3	25.9	---	---	---
11	26.7	16.9	21.6	32.5	21.2	26.3	32.3	19.6	24.6	---	---	---
12	22.0	19.1	19.7	33.7	19.2	25.8	31.5	18.0	24.1	---	---	---
13	28.8	17.5	21.6	33.2	20.5	26.2	31.8	19.0	24.4	---	---	---
14	31.1	19.7	24.7	35.0	20.8	27.3	32.1	18.9	24.7	---	---	---
15	31.3	19.8	25.0	35.4	21.8	28.0	31.6	18.8	24.9	---	---	---
16	31.4	21.0	25.4	32.2	21.0	25.8	---	---	---	---	---	---
17	29.6	20.9	24.7	---	22.1	---	---	---	---	---	---	---
18	30.1	21.4	24.7	32.0	---	---	---	---	---	---	---	---
19	29.4	20.6	24.6	35.0	21.5	27.0	---	---	---	---	---	---
20	28.1	18.1	22.5	36.4	21.8	27.7	---	---	---	---	---	---
21	26.6	17.0	21.1	28.8	20.9	24.6	---	---	---	---	---	---
22	26.8	19.3	22.0	28.5	18.4	22.9	---	---	---	---	---	---
23	31.2	19.0	24.5	32.3	17.5	23.9	---	---	---	---	---	---
24	32.0	22.0	26.6	30.4	18.3	23.7	---	---	---	---	---	---
25	25.0	17.2	21.8	33.0	19.0	25.3	---	---	---	---	---	---
26	27.6	14.3	20.5	35.5	21.0	25.1	---	---	---	---	---	---
27	30.7	16.8	23.2	---	---	---	---	---	---	---	---	---
28	31.9	18.9	25.0	---	---	---	---	---	---	---	---	---
29	29.9	20.2	24.4	---	---	---	---	---	---	---	---	---
30	30.8	18.1	24.2	35.4	---	---	---	---	---	---	---	---
31	---	---	---	30.9	18.5	23.4	---	---	---	---	---	---
MONTH	32.0	13.0	21.7	36.4	17.5	25.7	35.0	18.0	25.0	---	---	---
YEAR	36.4	-0.3	16.5									

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	---	---	---	731	693	709	---	---	---	---	---	---
2	---	---	---	848	720	791	---	---	---	---	---	---
3	533	367	512	842	780	796	---	---	---	---	---	---
4	533	364	446	788	740	775	---	---	---	---	---	---
5	700	533	597	741	733	736	---	---	---	---	---	---
6	1,100	700	850	767	734	755	---	---	---	---	---	---
7	800	634	730	758	750	754	---	---	---	---	---	---
8	673	634	658	755	730	747	---	---	---	---	---	---
9	669	651	658	731	721	726	---	---	---	---	---	---
10	688	662	678	730	720	723	---	---	---	---	---	---
11	676	646	664	732	717	723	---	---	---	---	---	---
12	665	641	655	839	712	773	---	---	---	---	---	---
13	659	637	648	---	---	---	---	---	---	---	---	---
14	650	632	640	---	---	---	---	---	---	---	---	---
15	642	617	633	---	---	---	---	---	---	---	---	---
16	625	603	614	---	---	---	---	---	---	---	---	---
17	630	604	617	---	---	---	---	---	---	---	---	---
18	645	611	633	---	---	---	---	---	---	---	---	---
19	657	636	643	---	---	---	---	---	---	---	---	---
20	676	636	659	---	---	---	---	---	---	---	---	---
21	660	635	650	---	---	---	---	---	---	---	---	---
22	646	635	642	---	---	---	---	---	---	---	---	---
23	649	627	640	---	---	---	---	---	---	---	---	---
24	652	633	648	---	---	---	---	---	---	---	---	---
25	663	648	657	---	---	---	---	---	---	---	---	---
26	673	663	669	---	---	---	---	---	---	---	---	---
27	673	650	663	---	---	---	---	---	---	---	---	---
28	673	653	662	---	---	---	---	---	---	---	---	---
29	693	673	681	---	---	---	---	---	---	---	---	---
30	694	662	674	---	---	---	---	---	---	---	---	---
31	697	669	680	---	---	---	---	---	---	---	---	---
MONTH	1,100	364	648	848	693	751	---	---	---	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	---	---	---	377	214	286
2	---	---	---	---	---	---	---	---	---	564	377	475
3	---	---	---	---	---	---	---	---	---	687	564	632
4	---	---	---	---	---	---	---	---	---	698	182	611
5	---	---	---	---	---	---	679	642	663	250	148	181
6	---	---	---	---	---	---	686	591	647	---	---	---
7	---	---	---	---	---	---	654	589	624	---	---	---
8	---	---	---	---	---	---	733	560	648	---	---	---
9	---	---	---	---	---	---	1,680	733	905	---	---	---
10	---	---	---	---	---	---	1,490	906	1,130	---	---	---
11	---	---	---	---	---	---	906	736	805	---	---	---
12	---	---	---	---	---	---	854	786	817	---	---	---
13	---	---	---	---	---	---	812	782	792	---	---	---
14	---	---	---	---	---	---	785	734	752	748	312	560
15	---	---	---	---	---	---	747	710	729	697	382	512
16	---	---	---	---	---	---	722	664	698	448	426	438
17	---	---	---	---	---	---	671	638	660	523	428	488
18	---	---	---	---	---	---	664	644	653	542	523	531
19	---	---	---	---	---	---	662	630	647	---	---	---
20	---	---	---	---	---	---	656	619	638	---	---	---
21	---	---	---	---	---	---	649	612	636	---	---	---
22	---	---	---	---	---	---	702	605	653	---	---	---
23	---	---	---	---	---	---	650	608	633	772	727	754
24	---	---	---	---	---	---	636	594	627	766	719	744
25	---	---	---	---	---	669	651	627	637	768	742	754
26	---	---	---	---	---	---	---	---	634	747	715	733
27	---	---	---	---	---	---	---	---	---	718	683	705
28	---	---	---	---	---	---	---	---	---	683	643	661
29	---	---	---	---	---	---	618	530	597	643	614	624
30	---	---	---	---	---	---	538	196	315	614	592	599
31	---	---	---	---	---	---	---	---	---	632	592	612
MONTH	---	---	---	---	---	669	1,680	196	689	772	148	574

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Gage height, feet (00065)	Tur- Instan- taneous dis- charge, cfs (00061)	bidity water unfltr field NTU (61028)	Tur- bidity, water, unfltrd field, NTU (61028)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	Hard- ness, water, unfltrd mg/L as CaCO ₃ (00900)	Noncarb hard- ness, wat flt field, mg/L as CaCO ₃ (00904)
OCT														
08...	1000	4.10	14	7.0	7.0	730	9.5	89	8.1	662	10.5	10.5	280	8
NOV														
12...	1400	4.18	19	--	--	--	--	--	--	--	--	--	--	--
12...	1500	4.18	19	--	--	--	--	--	--	--	--	--	--	--
13...	1000	4.19	19	13	13	789	12.2	89	8.0	850	4.5	3.5	330	22
15...	1200	4.18	19	--	--	--	--	--	--	--	--	--	--	--
15...	1300	4.18	19	--	--	--	--	--	--	--	--	--	--	--
15...	1400	4.18	19	--	--	--	--	--	--	--	--	--	--	--
15...	1500	4.18	19	--	--	--	--	--	--	--	--	--	--	--
DEC														
10...	1030	4.15	19	6.2	6.2	733	12.9	95	8.0	800	-1.5	1.0	360	13
JAN														
14...	1000	4.29	31	8.0	8.0	737	12.9	92	7.9	831	-10.8	0.0	390	21
FEB														
11...	0930	4.24	19	6.2	6.2	729	12.4	90	7.3	809	-2.2	0.5	380	18
MAR														
11...	0930	4.20	18	16	16	725	11.4	86	7.9	698	3.0	1.5	320	26
APR														
07...	1100	4.33	36	32	32	731	13.2	99	8.0	581	-1.0	2.0	260	23
16...	1000	4.25	30	8.9	8.9	717	9.4	107	8.2	708	18.0	18.3	320	8
21...	0900	4.32	34	9.1	9.1	732	11.1	98	8.0	670	13.6	8.1	310	--
30...	1030	10.50	4350	E25000	E25000	724	0.8	8	7.3	246	16.0	10.3	84	4
MAY														
06...	1100	7.47	1460	11000	11,000	727	8.5	82	7.5	341	14.5	11.6	170	15
13...	1000	4.58	56	820	820	730	8.9	91	8.1	726	15.2	14.2	330	24
20...	1000	5.35	293	12000	12,000	742	7.7	77	7.7	490	8.3	14.1	190	16
27...	1000	4.31	52	110	110	--	E9.0	--	8.1	698	--	17.4	320	15
JUN														
02...	1000	4.20	41	39	39	727	9.2	98	8.2	610	12.0	16.0	270	12
10...	1000	4.26	47	430	430	725	8.1	95	8.4	749	21.0	21.0	340	11
17...	1100	4.19	36	67	67	733	9.8	120	8.4	700	27.0	23.4	320	25
23...	1300	4.12	36	72	72	722	8.1	110	8.5	705	28.0	28.0	300	--
JUL														
01...	0900	4.03	27	22	22	732	9.1	118	8.4	605	25.8	26.1	260	--
09...	1000	4.07	27	240	240	728	7.7	96	8.2	563	25.0	24.0	240	12
15...	1000	4.00	17	E19	E19	732	8.6	109	8.3	603	28.0	25.0	240	--
22...	1000	4.12	22	47	47	735	8.9	107	8.2	580	24.0	22.8	230	--
28...	1100	3.92	--	7.4	13	735	10.6	137	8.6	508	24.7	26.6	200	--
31...	1300	--	--	120	120	730	9.7	113	8.0	455	23.0	20.4	--	--
31...	1300	4.12	E36	120	120	730	9.7	113	8.0	455	23.0	20.4	--	--
31...	1310	--	--	120	120	730	9.7	113	8.0	455	23.0	20.4	--	--
AUG														
04...	1000	3.83	--	3.6	8.0	730	7.8	89	7.8	476	19.8	19.5	190	7
12...	1100	4.00	13	160	160	734	10.8	142	8.3	600	29.0	27.0	220	1
19...	1100	3.78	--	2.0	14	730	10.8	137	8.2	379	26.5	25.0	150	1
26...	0930	3.71	--	2.2	4.8	731	10.7	126	8.1	430	26.0	21.5	180	5
SEP														
02...	1100	3.68	--	1.9	2.3	731	14.3	162	8.1	399	22.6	19.4	190	18
09...	1000	3.69	--	2.5	20	731	--	--	7.2	359	21.0	16.5	150	4
16...	0930	3.80	17	64	64	730	8.5	93	7.7	592	24.0	17.5	230	6

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Calcium water, ftrd, mg/L (00915)	Magnesium, water, ftrd, mg/L (00925)	Potassium, water, ftrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, ftrd, mg/L (00930)	Sodium, percent (00932)	Alkalinity, water ftrd inc tit field, mg/L as CaCO ₃ (39086)	Bicarbonate, water ftrd incrm. titr., field, mg/L (00453)	Carbonate, water ftrd incrm. titr., field, mg/L (00452)	Chloride, water, ftrd, mg/L (00940)	Fluoride, water, ftrd, mg/L (00950)	Silica, water, ftrd, mg/L (00955)	Sulfate water, ftrd, mg/L (00945)
OCT 08...	75.0	22.4	14.7	0.7	26.4	16	271	328	1	13.0	0.29	15.6	52.9
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	87.0	26.7	10.4	1	54.8	26	306	363	4	54.9	0.32	10.8	59.8
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	97.8	27.4	7.10	0.7	31.3	16	344	413	3	10.4	0.37	15.4	60.4
JAN 14...	105	30.5	7.25	0.7	33.7	16	367	445	1	10.6	0.37	18.0	61.6
FEB 11...	104	27.9	8.34	0.7	31.2	15	358	430	3	12.0	0.39	17.1	58.4
MAR 11...	89.2	23.5	9.41	0.7	28.9	16	294	356	1	17.1	0.31	19.1	47.3
APR 07...	65.5	22.5	6.61	0.7	25.2	17	233	280	2	8.40	0.28	8.09	46.6
16...	83.3	28.2	13.6	0.8	31.1	17	316	385	0.0	13.6	0.38	8.49	57.8
21...	78.8	26.8	9.34	0.7	29.0	17	311	379	0.0	12.3	0.33	5.22	48.8
30...	24.3	5.60	11.1	0.3	6.05	12	80	97	0.0	5.55	0.53	5.14	13.0
MAY 06...	47.4	11.3	13.9	0.4	12.3	13	150	182	0.0	7.27	0.41	8.84	35.5
13...	92.2	23.6	17.5	0.7	27.6	15	304	370	0.0	18.9	0.39	16.3	52.5
20...	54.7	14.1	15.5	0.5	17.1	15	179	218	0.0	10.4	0.5	9.20	35.7
27...	85.5	25.6	9.87	0.7	29.2	16	304	370	0.0	11.1	0.4	10.9	52.6
JUN 02...	66.8	24.4	8.91	0.7	26.9	17	256	297	8	10.6	0.3	5.10	48.3
10...	95.0	24.7	14.9	0.7	27.7	14	328	370	14	12.8	0.5	16.1	50.8
17...	84.3	27.3	10.7	0.7	30.4	16	297	333	15	10.7	0.4	13.9	50.6
23...	80.9	23.2	9.31	0.7	28.0	16	321	363	14	10.9	0.5	15.9	50.4
JUL 01...	62.4	25.4	9.02	0.8	28.8	19	262	319	--	10.9	0.4	12.7	52.2
09...	65.6	18.8	13.4	0.6	20.8	15	229	279	0.0	9.54	0.4	15.4	41.6
15...	59.3	22.0	12.5	0.7	26.6	18	255	282	14	11.2	0.4	11.3	53.0
22...	48.5	25.3	10.6	0.9	32.2	23	232	280	0.0	12.4	0.4	5.95	56.0
28...	44.3	22.1	11.3	0.8	27.7	22	206	234	8	12.3	0.4	5.51	48.8
31...	--	--	--	--	--	--	232	280	4	--	--	--	--
31...	--	--	--	--	--	--	232	280	4	--	--	--	--
31...	--	--	--	--	--	--	232	280	4	--	--	--	--
AUG 04...	43.0	20.8	8.60	0.7	23.5	20	186	227	0.0	9.07	0.3	11.6	42.6
12...	50.2	23.0	11.2	1	37.1	26	217	263	2	15.2	0.4	10.8	54.5
19...	36.0	13.5	6.89	0.6	16.6	19	144	176	0.0	6.18	0.3	11.8	32.8
26...	45.8	15.3	8.83	0.5	16.4	16	173	197	7	7.02	0.3	17.3	36.5
SEP 02...	54.1	13.6	6.18	0.5	14.9	14	172	210	0.0	4.78	0.2	24.2	32.2
09...	42.6	11.7	5.51	0.4	11.3	13	150	183	0.0	4.16	0.2	19.7	28.0
16...	61.9	18.6	29.8	0.6	20.9	14	225	275	0.0	13.8	0.4	16.5	51.0

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Residue water, fltrd, tons/ acre-ft (70303)	Residue water, fltrd, tons/d (70302)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitro- gen, water, unfltrd mg/L (00605)
OCT 08...	400	0.57	15.9	421	1.8	0.73	0.56	14.5	3.28	3.35	0.256	0.078	1.2
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	502	0.72	27.0	527	0.93	--	<0.04	13.5	3.05	3.09	0.115	0.035	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	478	0.69	25.9	505	0.36	--	<0.04	21.0	4.74	4.77	0.089	0.027	--
JAN 14...	510	0.73	44.8	535	0.39	--	E.04	20.9	4.72	4.75	0.112	0.034	--
FEB 11...	497	0.72	27.0	527	0.50	--	E.03	21.8	4.92	4.96	0.131	0.040	--
MAR 11...	432	0.62	22.1	454	1.6	1.03	0.80	18.7	4.22	4.28	0.191	0.058	0.84
APR 07...	331	0.48	34.3	353	0.70	0.08	0.06	7.37	1.67	1.69	0.072	0.022	0.64
16...	432	0.62	36.7	453	1.1	--	<0.04	4.49	1.02	1.04	0.076	0.023	--
21...	403	0.57	38.8	423	0.82	--	<0.04	5.62	1.27	1.29	0.056	0.017	--
30...	139	0.21	1,850	157	65	2.64	2.05	15.6	3.52	3.73	0.677	0.206	63
MAY 06...	245	0.36	1,060	268	33	1.00	0.78	15.9	3.58	3.67	0.296	0.090	33
13...	452	0.64	71.0	470	5.8	1.09	0.85	17.6	3.97	4.13	0.536	0.163	5.0
20...	283	0.43	252	319	33	1.15	0.89	15.9	3.60	3.83	0.753	0.229	32
27...	423	0.59	60.6	431	1.1	--	<0.04	15.3	3.46	3.48	0.082	0.025	--
JUN 02...	355	0.50	40.5	366	0.86	--	<0.04	9.42	2.13	2.15	0.076	0.023	--
10...	460	0.65	60.6	477	2.4	0.08	0.06	19.1	4.31	4.49	0.592	0.180	2.3
17...	419	0.58	41.4	426	0.49	--	<0.04	11.8	2.67	2.70	0.092	0.028	--
23...	428	0.61	43.3	446	1.2	--	<0.04	15.3	3.47	3.48	0.059	0.018	--
JUL 01...	368	0.52	27.8	382	0.90	--	<0.04	8.43	1.90	1.93	0.085	0.026	--
09...	339	0.47	25.1	344	1.9	0.09	0.07	14.6	3.30	3.39	0.286	0.087	1.9
15...	358	0.51	17.2	375	1.4	--	<0.04	8.27	1.87	1.90	0.105	0.032	--
22...	333	0.48	21.0	353	1.4	--	<0.04	3.01	0.68	0.70	0.069	0.021	--
28...	297	0.42	6.20	311	1.6	--	<0.04	0.806	0.18	0.20	0.043	0.013	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	276	0.39	2.82	290	0.96	--	<0.04	4.61	1.04	1.06	0.066	0.020	--
12...	334	0.46	11.9	340	2.6	--	<0.04	--	--	<0.06	--	<0.008	--
19...	214	0.31	1.23	228	0.89	--	<0.04	3.09	0.70	0.73	0.115	0.035	--
26...	259	0.36	1.56	262	0.73	--	<0.04	5.65	1.28	1.33	0.187	0.057	--
SEP 02...	266	0.36	1.36	266	0.32	--	<0.04	9.60	2.17	2.28	0.371	0.113	--
09...	225	0.31	1.55	229	0.72	0.14	0.10	9.05	2.04	2.17	0.407	0.124	0.62
16...	362	0.52	17.6	384	2.8	0.95	0.74	9.62	2.17	2.33	0.496	0.151	2.1

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ortho-phosphate, water, fltrd, mg/L (00660)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Particulate nitrogen, susp, water, mg/L (49570)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Biomass periphyton, ashfree drymass g/m2 (49954)	Biomass chlorophyll ratio, periphyton, number (70950)	Iron, water, fltrd, ug/L (01046)	Manganese, water, fltrd, ug/L (01056)
OCT 08...	1.65	0.54	0.18	0.62	5.1	1.0	<0.1	1.0	7.4	--	--	E7	208
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	0.739	0.24	0.39	0.32	4.0	2.4	<0.1	2.4	5.1	--	--	E8	222
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	0.626	0.20	0.07	0.23	5.1	0.6	<0.1	0.6	3.0	--	--	E8	301
JAN 14...	0.632	0.21	0.05	0.24	5.1	0.5	<0.1	0.5	3.1	--	--	<10	343
FEB 11...	0.626	0.20	0.10	0.23	5.5	0.7	<0.1	0.7	3.3	--	--	<10	333
MAR 11...	1.36	0.44	0.17	0.51	5.9	1.1	<0.1	1.1	5.4	--	--	E5	296
APR 07...	0.567	0.18	0.15	0.28	2.4	1.0	<0.1	1.0	--	--	--	E8	150
16...	1.34	0.44	0.39	0.57	2.2	2.2	<0.1	2.2	7.3	--	--	E7	72.0
21...	0.969	0.32	0.24	0.37	2.1	1.3	<0.1	1.3	--	--	--	11	80.8
30...	0.503	0.16	--	28.5	69	--	--	--	--	--	--	11	476
MAY 06...	0.745	0.24	32.2	14.1	37	299	3.8	295	--	--	--	E7	32.5
13...	1.31	0.43	3.17	1.49	9.9	25.8	0.3	25.5	12.6	--	--	E8	4.7
20...	0.681	0.22	31.2	11.2	37	270	3.9	266	--	--	--	E5	<2.0
27...	0.665	0.22	0.42	0.45	4.6	3.6	<0.1	3.6	--	--	--	<10	32.3
JUN 02...	0.334	0.11	0.47	0.25	3.0	3.0	<0.1	3.0	--	--	--	<8	60.7
10...	1.02	0.33	1.25	0.90	6.9	10.5	0.1	10.4	7.4	--	--	<8	8.9
17...	0.389	0.13	0.85	0.154	3.2	5.6	<0.1	5.6	--	--	--	<8	42.2
23...	0.782	0.26	0.65	0.44	4.7	4.2	<0.1	4.2	--	--	--	<8	49.1
JUL 01...	0.276	0.09	0.52	0.21	2.8	2.9	<0.1	2.9	--	--	--	<8	52.1
09...	0.941	0.31	0.98	0.69	5.3	8.1	E.2	E7.9	5.9	--	--	<8	5.2
15...	0.399	0.13	0.51	0.24	3.3	2.6	<0.1	E2.6	--	--	--	<8	48.0
22...	0.202	0.07	0.59	0.28	2.1	4.2	<0.1	E4.1	--	--	--	<8	103
28...	0.095	0.03	0.82	0.23	1.8	4.2	<0.1	E4.1	--	--	--	E5	92.9
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	130.1	1,960	--	--
31...	--	--	--	--	--	--	--	--	--	2.8	671	--	--
AUG 04...	0.141	0.05	0.53	0.170	2.0	2.5	<0.1	2.5	3.8	--	--	E5	495
12...	0.126	0.04	2.52	0.64	--	16.1	--	--	--	--	--	<8	205
19...	0.264	0.09	0.39	0.199	1.6	2.0	<0.1	2.0	--	--	--	<8	285
26...	0.248	0.08	0.37	0.175	2.1	1.7	<0.1	1.6	--	--	--	8	1,480
SEP 02...	0.411	0.13	0.16	0.191	2.6	0.9	<0.1	0.9	1.5	--	--	17	1,750
09...	0.392	0.13	0.34	0.24	2.9	1.7	<0.1	1.6	--	--	--	E4	1,780
16...	2.00	0.65	0.55	0.92	5.1	3.2	<0.1	3.1	--	--	--	E7	222

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	1,4-Naphthoquinone, water, fltrd, ug/L (61611)	1-Naphthol, water, fltrd 0.7u GF ug/L (49295)	2-(4-t-Butylphenoxy)cyclohexanol wat flt ug/L (61637)	2,5-Dichloroaniline water, fltrd, ug/L (61614)	2,6-Diethyl-aniline water fltrd 0.7u GF ug/L (82660)	2-[(2-Et-6-Me-Ph)-amino]propan-1-ol, ug/L (61615)	2Amino-N-iso-propyl-benzamide, wat flt ug/L (61617)	2Chloro-2,6'-diethyl acetanilide wat flt ug/L (61618)	CIAT, water, fltrd, ug/L (04040)	2-Ethyl-6-methyl-aniline water, fltrd, ug/L (61620)	3-(Tri-fluoro-methyl)aniline water, fltrd, ug/L (61630)	3,4-Dichloroaniline water fltrd, ug/L (61625)	3,5-Dichloroaniline water, fltrd, ug/L (61627)
OCT 08...	<0.05	<0.09	<0.01	<0.03	<0.006	--	<0.005	<0.005	E.023	<0.004	<0.01	<0.004	<0.005
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.05	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.016	<0.004	<0.01	<0.004	<0.005
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.05	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.017	<0.004	<0.01	<0.004	<0.005
JAN 14...	<0.05	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.015	<0.004	<0.01	<0.004	<0.005
FEB 11...	<0.05	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.016	<0.004	<0.01	<0.004	<0.005
MAR 11...	<0.05	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.020	<0.004	<0.01	<0.004	<0.005
APR 07...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.018	<0.004	--	<0.004	--
16...	<0.05	<0.09	<0.01	<0.03	<0.006	--	<0.005	<0.005	E.021	<0.004	<0.01	<0.004	<0.005
21...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.016	<0.004	--	<0.004	--
30...	<0.05	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.178	E.008	<0.01	<0.004	<0.005
MAY 06...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.236	<0.004	--	<0.004	--
13...	<0.05	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.178	E.002	<0.01	<0.004	<0.005
20...	--	<0.09	--	--	<0.006	<0.1	--	<0.008	E.489	E.005	--	0.016	--
27...	<0.05	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.131	<0.004	<0.01	<0.004	<0.005
JUN 02...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.091	<0.004	--	<0.004	--
10...	<0.05	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.324	<0.004	<0.01	<0.004	<0.005
17...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.091	E.002	--	<0.004	--
23...	<0.05	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.181	<0.004	<0.01	<0.004	<0.005
JUL 01...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.069	<0.004	--	<0.004	--
09...	--	<0.09	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.241	E.004	<0.01	<0.004	<0.005
15...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.130	E.003	--	<0.004	--
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.066	E.002	--	<0.004	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	<0.05	--	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.054	E.003	<0.01	<0.004	<0.005
12...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.046	<0.004	--	<0.004	--
19...	<0.05	--	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.049	<0.004	<0.01	<0.004	<0.005
26...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.038	<0.004	--	<0.004	--
SEP 02...	<0.05	--	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.012	<0.004	<0.01	<0.004	<0.005
09...	--	<0.09	--	--	<0.006	<0.1	--	<0.005	E.014	<0.004	--	<0.004	--
16...	<0.05	--	<0.01	<0.03	<0.006	<0.1	<0.005	<0.005	E.048	E.002	<0.01	<0.004	<0.005

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	3-Phen- oxy- benzyl alcohol water, fltrd, ug/L (61629)	4- (MeOH)- pendi- meth- alin, wat flt ug/L (61665)	4,4-Di' chloro- benzo- phen- one, wat flt ug/L (61631)	4Chloro 2methyl phenol, water, fltrd, ug/L (61633)	4Chloro phenyl- methyl sulfone water, fltrd, ug/L (61634)	Aceto- chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto- chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor ESA, water, fltrd 0.7u GF ug/L (50009)	Ala- chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- Endo- sulfan, water, fltrd, ug/L (34362)	alpha- HCH, water, fltrd, ug/L (34253)
OCT 08...	--	--	<0.003	<0.006	--	0.13	0.20	0.142	0.13	<0.05	<0.010	<0.005	<0.005
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.05	<0.1	<0.003	<0.006	<0.03	0.06	0.10	E.005	0.09	<0.05	<0.004	<0.005	<0.005
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.05	<0.1	<0.003	<0.006	<0.03	0.08	0.06	<0.006	0.10	<0.05	<0.004	<0.005	<0.005
JAN 14...	<0.05	<0.1	<0.003	<0.006	<0.03	--	--	E.005	--	--	<0.004	<0.005	<0.005
FEB 11...	<0.05	<0.1	<0.003	<0.006	<0.03	<0.05	0.07	0.007	0.07	<0.05	<0.004	<0.005	<0.005
MAR 11...	<0.05	<0.1	<0.003	<0.006	<0.03	0.25	0.49	0.031	0.08	<0.05	<0.004	<0.005	<0.005
APR 07...	--	--	--	<0.006	--	0.09	0.11	0.008	0.05	<0.05	<0.004	--	--
16...	--	--	<0.003	<0.006	<0.03	0.11	0.14	0.028	0.11	<0.05	0.006	<0.005	<0.005
21...	--	--	--	<0.006	--	0.08	0.11	0.017	0.07	<0.05	0.006	--	--
30...	<0.05	<0.1	<0.003	<0.006	<0.03	0.71	0.92	E61.0	<0.05	<0.05	0.071	<0.005	<0.005
MAY 06...	--	--	--	<0.006	--	0.56	0.67	4.22	<0.05	<0.05	0.060	--	--
13...	<0.05	<0.1	<0.003	<0.006	<0.03	0.60	0.70	1.76	0.07	<0.05	0.034	<0.005	<0.005
20...	--	--	--	<0.006	--	2.34	<0.05	E27.7	<0.05	<0.05	0.379	--	--
27...	<0.05	<0.1	<0.003	<0.006	<0.03	0.28	0.62	2.29	0.10	0.05	0.053	<0.005	<0.005
JUN 02...	--	--	--	<0.006	--	0.14	<0.05	0.606	0.06	<0.05	0.032	--	--
10...	<0.05	--	<0.003	<0.006	<0.03	0.36	1.41	4.18	<0.05	<0.05	0.018	<0.005	<0.005
17...	--	--	--	<0.006	--	0.16	0.49	0.455	<0.05	<0.05	0.009	--	--
23...	--	--	<0.003	<0.006	<0.03	0.34	0.78	0.782	0.09	<0.05	0.006	<0.005	<0.005
JUL 01...	--	--	--	<0.006	--	0.17	0.32	0.138	0.11	<0.05	<0.004	--	--
09...	<0.05	<0.1	<0.003	<0.006	<0.03	0.86	1.53	1.10	0.17	0.10	0.070	<0.005	<0.005
15...	--	--	--	<0.006	--	0.50	1.05	0.206	0.11	<0.05	<0.004	--	--
22...	--	--	--	--	--	0.51	0.78	--	0.12	<0.05	--	--	--
28...	--	--	--	<0.006	--	0.26	0.48	0.059	0.15	0.06	0.007	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	--	--	<0.003	<0.006	<0.03	0.21	0.58	0.156	0.12	<0.05	<0.004	<0.005	<0.005
12...	--	--	--	<0.006	--	0.29	0.69	0.045	0.11	<0.05	<0.004	--	--
19...	--	--	<0.003	<0.006	<0.03	0.31	0.63	0.048	0.11	<0.05	<0.010	<0.005	<0.005
26...	--	--	--	<0.006	--	0.26	0.39	0.046	0.17	<0.05	<0.004	--	--
SEP 02...	--	--	<0.003	<0.006	<0.03	--	--	0.016	--	--	<0.004	<0.005	<0.005
09...	--	--	--	<0.006	--	0.05	0.09	0.013	0.09	<0.05	<0.004	--	--
16...	--	--	<0.003	<0.006	<0.03	--	--	0.068	--	--	<0.004	<0.005	<0.005

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Amino- methyl- phosphonic acid, water fltrd ug/L (62649)	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl oxon, water, fltrd, ug/L (61635)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	beta- Endo- sulfan, water, fltrd, ug/L (34357)	Bifen- thrin, water, fltrd, ug/L (61580)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos oxon, water, fltrd, ug/L (61636)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)
OCT 08...	0.3	0.178	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.1	0.072	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.1	0.065	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
JAN 14...	<0.1	0.050	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
FEB 11...	<0.1	0.053	<0.12	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
MAR 11...	0.1	0.064	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
APR 07...	--	0.043	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	<0.005	<0.006
16...	0.1	0.085	<0.02	<0.050	<0.010	<0.01	<0.005	<0.004	<0.041	<0.020	<0.06	<0.005	<0.006
21...	--	0.057	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	<0.005	<0.006
30...	0.6	E34.0	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.010	<0.006
MAY 06...	--	9.02	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	E.004	<0.006
13...	0.5	3.58	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	0.007	<0.006
20...	--	E34.8	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	0.005	<0.006
27...	0.3	4.67	<0.03	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	0.007	<0.006
JUN 02...	--	2.04	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	E.005	<0.006
10...	0.5	8.33	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	E.110	<0.06	0.024	<0.006
17...	--	2.15	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	0.008	<0.006
23...	0.7	3.33	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
JUL 01...	--	1.19	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	E.003	<0.006
09...	1.1	2.97	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
15...	--	1.64	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	0.007	<0.006
22...	0.6	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	0.619	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	E.004	<0.006
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	0.5	0.632	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
12...	--	0.441	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	<0.005	<0.006
19...	0.3	0.370	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
26...	--	0.266	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	<0.005	<0.006
SEP 02...	0.1	0.048	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006
09...	--	0.044	<0.02	<0.050	<0.010	--	--	--	<0.041	--	<0.06	<0.005	<0.006
16...	0.3	0.330	<0.02	<0.050	<0.010	<0.01	<0.005	<0.002	<0.041	<0.020	<0.06	<0.005	<0.006

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	cis-Propiconazole, water, fltrd, ug/L (79846)	Cyanazine, water, fltrd, ug/L (04041)	Cycloate, water, fltrd, ug/L (04031)	Cyfluthrin, water, fltrd, ug/L (61585)	lambda-Cyhalothrin, water, fltrd, ug/L (61595)	Cypermethrin, water, fltrd, ug/L (61586)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf-inyl fipronil, water, fltrd, ug/L (62170)	Diazinon oxon, water, fltrd, ug/L (61638)	Diazinon, water, fltrd, ug/L (39572)	Dicrotophos, water, fltrd, ug/L (38454)	Dieldrin, water, fltrd, ug/L (39381)	Dimethenamid ESA, water, fltrd, ug/L (61951)
OCT 08...	<0.008	0.035	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	0.006	<0.08	<0.005	<0.05
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
JAN 14...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	--
FEB 11...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
MAR 11...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
APR 07...	--	--	--	<0.008	--	<0.009	<0.003	<0.004	<0.04	<0.005	<0.08	<0.005	<0.05
16...	<0.008	E.007	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
21...	--	--	--	<0.008	--	<0.009	<0.003	<0.004	<0.04	<0.005	<0.08	<0.005	<0.05
30...	<0.008	<0.020	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	0.006	<0.08	<0.005	<0.05
MAY 06...	--	--	--	<0.008	--	<0.009	<0.003	<0.004	<0.01	<0.005	<0.08	<0.005	<0.05
13...	<0.008	E.016	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
20...	--	--	--	<0.008	--	<0.009	<0.003	<0.004	<0.01	<0.005	<0.08	<0.005	<0.05
27...	<0.008	E.010	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
JUN 02...	--	--	--	<0.008	--	<0.009	<0.003	E.004	<0.01	<0.005	<0.08	<0.005	<0.05
10...	<0.008	E.009	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
17...	--	--	--	<0.008	--	<0.009	<0.003	E.004	<0.01	<0.005	<0.08	<0.005	<0.05
23...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
JUL 01...	--	--	--	<0.008	--	<0.009	<0.003	<0.004	<0.01	<0.005	<0.08	<0.005	<0.05
09...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
15...	--	--	--	<0.008	--	<0.009	<0.003	<0.004	<0.01	<0.005	<0.08	<0.005	<0.05
22...	--	--	--	--	--	--	--	--	--	--	--	--	<0.05
28...	--	--	--	<0.008	--	<0.009	<0.003	<0.004	<0.01	<0.005	<0.08	<0.005	<0.05
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
12...	--	--	--	<0.008	--	<0.009	<0.003	<0.004	<0.01	<0.005	<0.08	<0.005	<0.05
19...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	<0.05
26...	--	--	--	<0.008	--	<0.009	<0.003	<0.004	<0.01	<0.005	<0.08	<0.005	<0.05
SEP 02...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	--
09...	--	--	--	<0.008	--	<0.009	<0.003	<0.004	<0.01	E.003	<0.08	<0.005	<0.05
16...	<0.008	<0.018	<0.005	<0.008	<0.009	<0.009	<0.003	<0.004	--	<0.005	<0.08	<0.005	--

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Dimeth- enamid OA, water, fltrd, ug/L (62482)	Dimeth- oate, water, fltrd 0.7u GF ug/L (82662)	Disulf- oton sulfone water, fltrd, ug/L (61640)	Disulf- oton sulf- oxide, water, fltrd, ug/L (61641)	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	e-Di- metho- morph, water, fltrd, ug/L (79844)	Endo- sulfan ether, water, fltrd, ug/L (61642)	Endo- sulfan sulfate water, fltrd, ug/L (61590)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Ethion monoxon water, fltrd, ug/L (61644)	Ethion, water, fltrd, ug/L (82346)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)
OCT 08...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
JAN 14...	--	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
FEB 11...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
MAR 11...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
APR 07...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
16...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
21...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
30...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	0.006	<0.009	<0.03	<0.004	<0.005
MAY 06...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
13...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	0.003	<0.009	<0.03	<0.004	<0.005
20...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
27...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
JUN 02...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
10...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
17...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
23...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
JUL 01...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
09...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
15...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
22...	<0.05	--	--	--	--	--	--	--	--	--	--	--	--
28...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
12...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
19...	<0.05	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
26...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
SEP 02...	--	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005
09...	<0.05	<0.006	--	--	--	--	--	--	--	--	<0.03	<0.004	--
16...	--	<0.006	<0.02	<0.002	<0.02	<0.02	<0.004	<0.006	<0.002	<0.009	<0.03	<0.004	<0.005

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Fenami- phos sulfone water, fltrd, ug/L (61645)	Fenami- phos sulf- oxide, water, fltrd, ug/L (61646)	Fenami- phos, water, fltrd, ug/L (61591)	Fen- thion sulf- oxide, water, fltrd, ug/L (61647)	Fen- thion, water, fltrd, ug/L (38801)	Desulf- inyl- fipro- nil amide, wat flt ug/L (62169)	Fipro- nil sulfide water, fltrd, ug/L (62167)	Fipro- nil sulfone water, fltrd, ug/L (62168)	Fipro- nil, water, fltrd, ug/L (62166)	Flufen- acet ESA, water, fltrd, ug/L (61952)	Flufe- nacet OA, water, fltrd, ug/L (62483)	Flume- tralin, water, fltrd, ug/L (61592)	Fonofos oxon, water, fltrd, ug/L (61649)
OCT 08...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.004	<0.002
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.004	<0.002
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.004	<0.002
JAN 14...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	--	--	<0.004	<0.002
FEB 11...	<0.008	--	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.004	<0.002
MAR 11...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.004	<0.002
APR 07...	<0.008	<0.03	<0.03	--	--	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	--	<0.002
16...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.004	<0.002
21...	<0.008	<0.03	<0.03	--	--	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	--	<0.002
30...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	E.021	<0.05	<0.05	<0.004	<0.002
MAY 06...	<0.008	<0.03	<0.03	--	--	<0.009	<0.005	<0.008	E.012	<0.05	<0.05	--	<0.002
13...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	0.007	E.009	<0.05	<0.05	<0.004	<0.002
20...	<0.008	<0.03	<0.03	--	--	<0.009	E.003	0.005	E.008	<0.05	<0.05	--	<0.002
27...	<0.031	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	0.005	E.007	<0.05	<0.05	<0.004	<0.002
JUN 02...	<0.008	<0.03	<0.03	--	--	<0.009	E.004	E.005	E.006	<0.05	<0.05	--	<0.002
10...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	0.008	E.026	<0.05	<0.05	<0.004	<0.002
17...	<0.008	<0.03	<0.03	--	--	<0.009	E.004	E.006	E.007	<0.05	<0.05	--	<0.002
23...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.004	<0.002
JUL 01...	<0.008	<0.03	<0.03	--	--	<0.009	<0.005	<0.006	<0.007	<0.05	<0.05	--	<0.002
09...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.004	<0.002
15...	<0.008	<0.03	<0.03	--	--	<0.009	E.004	<0.007	<0.007	<0.05	<0.05	--	<0.002
22...	--	--	--	--	--	--	--	--	--	<0.05	<0.05	--	--
28...	<0.008	<0.03	<0.03	--	--	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	--	<0.002
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.004	<0.002
12...	<0.008	<0.03	<0.03	--	--	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	--	<0.002
19...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	<0.004	<0.002
26...	<0.008	<0.03	<0.03	--	--	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	--	<0.002
SEP 02...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	<0.005	<0.007	--	--	<0.004	<0.002
09...	<0.008	<0.03	<0.03	--	--	<0.009	<0.005	<0.005	<0.007	<0.05	<0.05	--	<0.002
16...	<0.008	<0.03	<0.03	<0.008	<0.02	<0.009	<0.005	0.006	E.004	--	--	<0.004	<0.002

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Fonofos water, fltrd, ug/L (04095)	Glufo- sinate, water, fltrd 0.7u GF ug/L (62721)	Glypho- sate, water, fltrd 0.7u GF ug/L (62722)	Hexa- zinone, water, fltrd, ug/L (04025)	Ipro- dione, water, fltrd, ug/L (61593)	Isofen- phos, water, fltrd, ug/L (61594)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Mala- oxon, water, fltrd, ug/L (61652)	Mala- thion, water, fltrd, ug/L (39532)	Meta- laxyl, water, fltrd, ug/L (61596)	Methi- althion water, fltrd, ug/L (61598)	c-Per- methric acid methyl ester, wat flt ug/L (79842)
OCT 08...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
JAN 14...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
FEB 11...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
MAR 11...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
APR 07...	<0.003	--	--	--	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
16...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
21...	<0.003	--	--	--	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
30...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	0.005	<0.035	<0.008	E.010	0.015	<0.006	<0.04
MAY 06...	<0.003	--	--	--	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
13...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
20...	<0.003	--	--	<0.013	<1	<0.003	--	--	<0.008	<0.027	<0.008	<0.006	--
27...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
JUN 02...	<0.003	--	--	<0.013	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
10...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
17...	<0.003	--	--	<0.013	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
23...	<0.003	<0.1	0.3	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
JUL 01...	<0.003	--	--	<0.013	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
09...	<0.003	<0.1	0.3	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
15...	<0.003	--	--	<0.013	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
22...	--	<0.1	<0.1	--	--	--	--	--	--	--	--	--	--
28...	<0.003	--	--	<0.013	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
12...	<0.003	--	--	<0.013	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
19...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
26...	<0.003	--	--	<0.013	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
SEP 02...	<0.003	<0.1	<0.1	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04
09...	<0.003	--	--	<0.013	<1	<0.003	--	--	<0.008	<0.027	<0.005	<0.006	--
16...	<0.003	<0.1	0.2	<0.013	<1	<0.003	<0.004	<0.035	<0.008	<0.027	<0.005	<0.006	<0.04

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Methyl para- oxon, water, fltrd, ug/L (61664)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)	t-Per- methric acid methyl ester, wat flt ug/L (79843)	Metola- chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola- chlor OA, water, fltrd 0.7u GF ug/L (61044)	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Myclo- butanil water, fltrd, ug/L (61599)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	O-Et-O- Me-S-Pr -phos- phor- thioate wat flt ug/L (61660)	Oxy- fluor- fen, water, fltrd, ug/L (61600)	p,p'- DDE, water, fltrd, ug/L (34653)
OCT 08...	<0.03	<0.006	<0.03	0.15	0.05	0.056	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.03	<0.006	<0.03	0.09	<0.05	E.010	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.03	<0.006	<0.03	0.13	<0.05	E.010	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
JAN 14...	<0.03	<0.006	<0.03	--	--	E.009	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
FEB 11...	<0.03	<0.006	<0.03	0.11	<0.05	E.007	<0.006	0.002	<0.008	<0.007	<0.008	<0.007	<0.003
MAR 11...	<0.03	<0.006	<0.03	0.11	0.05	0.036	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
APR 07...	<0.03	<0.006	--	0.09	<0.05	E.009	<0.006	--	<0.008	--	--	--	--
16...	<0.03	<0.006	<0.03	0.13	0.06	0.035	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	0.003
21...	<0.03	<0.006	--	0.10	<0.05	0.027	<0.006	--	<0.008	--	--	--	--
30...	<0.03	<0.006	<0.03	0.15	0.14	7.26	0.023	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
MAY 06...	<0.03	<0.006	--	0.14	0.13	4.36	0.023	--	<0.008	--	--	--	--
13...	<0.03	<0.006	<0.03	0.15	0.14	1.12	0.012	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
20...	<0.03	<0.006	--	<0.05	<0.05	3.72	0.150	--	<0.008	--	--	--	--
27...	<0.03	<0.006	<0.03	0.14	0.07	0.828	0.014	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
JUN 02...	<0.03	<0.006	--	0.08	<0.05	0.422	0.008	--	<0.008	--	--	--	--
10...	<0.03	<0.006	<0.03	0.11	0.11	1.13	0.024	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
17...	<0.03	<0.006	--	0.11	0.06	0.337	0.009	--	<0.008	--	--	--	--
23...	<0.03	<0.006	<0.03	0.14	0.08	0.564	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
JUL 01...	<0.03	<0.006	--	0.16	0.07	0.193	<0.006	--	<0.008	--	--	--	--
09...	<0.03	<0.006	<0.03	0.27	0.26	0.465	<0.010	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
15...	<0.03	<0.006	--	0.16	0.10	0.188	<0.006	--	<0.008	--	--	--	--
22...	--	--	--	0.19	0.10	--	--	--	--	--	--	--	--
28...	<0.03	<0.006	--	0.21	0.08	0.092	<0.006	--	<0.008	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	<0.03	<0.006	<0.03	0.19	0.11	0.113	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
12...	<0.03	<0.006	--	0.20	0.09	0.052	<0.006	--	<0.008	--	--	--	--
19...	<0.03	<0.006	<0.03	0.22	0.09	0.055	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
26...	<0.03	<0.006	--	0.14	0.06	0.047	<0.006	--	<0.008	--	--	--	--
SEP 02...	<0.03	<0.006	<0.03	--	--	0.014	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003
09...	<0.03	<0.006	--	0.07	<0.05	0.013	<0.006	--	<0.008	--	--	--	--
16...	<0.03	<0.006	<0.03	--	--	0.058	<0.006	<0.002	<0.008	<0.007	<0.008	<0.007	<0.003

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Para-oxon, water, fltrd, ug/L (61663)	Para-thion, water, fltrd, ug/L (39542)	Peb-ulate, water, fltrd, 0.7u GF ug/L (82669)	Pendi-meth-alin, water, fltrd, 0.7u GF ug/L (82683)	Phorate oxon, water, fltrd, ug/L (61666)	Phorate water fltrd, 0.7u GF ug/L (82664)	Phosmet oxon, water, fltrd, ug/L (61668)	Phosmet water, fltrd, ug/L (61601)	Phoste-bupirim water, fltrd, ug/L (61602)	Pro-fenofos water, fltrd, ug/L (61603)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)	Pron-amide, water, fltrd, 0.7u GF ug/L (82676)
OCT 08...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	0.02	<0.005	<0.004
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	E.01	<0.005	<0.004
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	E.01	<0.005	<0.004
JAN 14...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	E.01	<0.005	<0.004
FEB 11...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	M	<0.005	<0.004
MAR 11...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	<0.01	<0.005	<0.004
APR 07...	--	--	--	<0.022	<0.10	<0.011	<0.06	<0.008	--	--	<0.01	<0.005	<0.004
16...	<0.008	<0.010	<0.004	E.010	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	E.01	<0.005	<0.004
21...	--	--	--	<0.022	<0.10	<0.011	<0.06	<0.008	--	--	E.01	<0.005	<0.004
30...	<0.008	<0.010	<0.004	0.036	<0.10	<0.011	<0.06	<0.008	0.017	<0.006	<0.01	<0.005	<0.004
MAY 06...	--	--	--	E.020	<0.10	<0.011	<0.06	<0.008	--	--	E.01	<0.005	<0.004
13...	<0.008	<0.010	<0.004	E.013	<0.10	<0.011	<0.06	<0.008	0.020	<0.006	0.03	<0.005	<0.004
20...	--	--	--	0.025	<0.10	<0.011	<0.06	<0.008	--	--	<0.01	<0.005	<0.004
27...	<0.008	<0.010	<0.004	E.009	<0.10	<0.011	<0.06	<0.008	E.005	<0.006	E.01	<0.005	<0.004
JUN 02...	--	--	--	<0.022	<0.10	<0.011	<0.06	<0.008	--	--	<0.01	<0.005	<0.004
10...	<0.008	<0.010	<0.004	E.009	<0.10	<0.011	<0.06	<0.008	0.012	<0.006	E.01	<0.005	<0.004
17...	--	--	--	<0.022	<0.10	<0.011	<0.06	<0.008	--	--	E.01	<0.005	<0.004
23...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	E.01	<0.005	<0.004
JUL 01...	--	--	--	<0.022	<0.10	<0.011	<0.06	<0.008	--	--	M	<0.005	<0.004
09...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	0.02	<0.005	<0.004
15...	--	--	--	<0.022	<0.10	<0.011	<0.06	<0.008	--	--	0.02	<0.005	<0.004
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	<0.022	<0.10	<0.011	<0.06	<0.008	--	--	E.01	<0.005	<0.004
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	0.06	<0.005	<0.004
12...	--	--	--	<0.022	<0.10	<0.011	<0.06	<0.008	--	--	0.02	<0.005	<0.004
19...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	E.02	<0.005	<0.004
26...	--	--	--	<0.022	<0.10	<0.011	<0.06	<0.008	--	--	E.01	<0.005	<0.004
SEP 02...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	<0.01	<0.005	<0.004
09...	--	--	--	<0.022	<0.10	<0.011	<0.06	<0.008	--	--	<0.01	<0.005	<0.004
16...	<0.008	<0.010	<0.004	<0.022	<0.10	<0.011	<0.06	<0.008	<0.005	<0.006	E.01	<0.005	<0.004

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Propet- amphos, water, fltrd, ug/L (61604)	Sima- zine, water, fltrd, ug/L (04035)	Sulfo- tepp, water, fltrd, ug/L (61605)	Sulpro- fos, water, fltrd, ug/L (38716)	Tebu- pirim- phos oxon, water, fltrd, ug/L (61669)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Teflu- thrin metab- olite R119365 wat flt ug/L (61671)	Teflu- thrin metab- olite R152913 wat flt ug/L (61672)	Teflu- thrin, water, fltrd, ug/L (61606)	Teme- phos, water, fltrd, ug/L (61607)
OCT 08...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	<0.02	<0.02	<0.01	<0.008	<0.3
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	<0.02	<0.02	<0.01	<0.008	<0.3
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	<0.02	<0.02	<0.01	<0.008	<0.3
JAN 14...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	<0.02	<0.02	<0.01	<0.008	<0.3
FEB 11...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	<0.02	<0.02	<0.01	<0.008	<0.3
MAR 11...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	<0.02	<0.02	<0.01	<0.008	<0.4
APR 07...	--	--	--	--	<0.005	--	--	--	<0.02	--	--	--	--
16...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	<0.02	--	--	<0.008	<0.3
21...	--	--	--	--	E.004	--	--	--	<0.02	--	--	--	--
30...	<0.010	<0.800	<0.02	<0.004	0.050	<0.003	<0.02	<0.006	<0.02	--	--	<0.008	<0.3
MAY 06...	--	--	--	--	0.028	--	--	--	<0.02	--	--	--	--
13...	<0.010	<0.011	<0.02	<0.004	0.016	<0.003	<0.02	0.012	<0.02	--	--	<0.008	<0.3
20...	--	--	--	--	<0.020	--	--	--	<0.02	--	--	--	--
27...	<0.010	--	<0.02	<0.004	0.016	<0.003	<0.02	<0.006	<0.02	--	--	<0.008	<0.3
JUN 02...	--	--	--	--	<0.010	--	--	--	<0.02	--	--	--	--
10...	<0.010	0.133	<0.02	<0.004	0.031	<0.003	<0.02	<0.006	<0.02	--	--	<0.008	<0.3
17...	--	--	--	--	0.010	--	--	--	<0.02	--	--	--	--
23...	<0.010	<0.011	<0.02	<0.004	0.012	<0.003	<0.02	<0.006	<0.02	--	--	<0.008	<0.3
JUL 01...	--	--	--	--	<0.007	--	--	--	<0.02	--	--	--	--
09...	<0.010	<0.011	<0.02	<0.004	0.011	<0.003	<0.02	<0.006	<0.02	--	--	<0.008	<0.3
15...	--	--	--	--	0.010	--	--	--	<0.02	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	0.006	--	--	--	<0.02	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	<0.02	--	--	<0.008	<0.3
12...	--	--	--	--	E.005	--	--	--	<0.02	--	--	--	--
19...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	<0.02	--	--	<0.008	<0.3
26...	--	--	--	--	<0.005	--	--	--	<0.02	--	--	--	--
SEP 02...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	<0.02	--	--	<0.008	<0.3
09...	--	--	--	--	<0.005	--	--	--	<0.02	--	--	--	--
16...	<0.010	<0.011	<0.02	<0.004	<0.005	<0.003	<0.02	<0.006	E.01	--	--	<0.008	<0.3

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Terba- cil, water, fltrd 0.7u GF (82665)	Ter- bufos oxon sulfone water, fltrd, ug/L (61674)	Terbu- fos, water, fltrd 0.7u GF (82675)	Ter- buthyl- azine, water, fltrd, ug/L (04022)	Thio- bencarb water fltrd 0.7u GF (82681)	trans- Propi- cona- zole, water, fltrd, ug/L (79847)	Tri- allate, water, fltrd 0.7u GF (82678)	Tribu- phos, water, fltrd, ug/L (61610)	Tri- flur- alin, water, fltrd 0.7u GF (82661)	z-Di- metho- morph, water, fltrd, ug/L (79845)	Di- chlor- vos, water fltrd, ug/L (38775)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)
OCT 08...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	<0.009	<0.05	<0.01	97	14
NOV 12...	--	--	--	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--	--	--	--
13...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	E.005	<0.05	<0.01	--	25
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
DEC 10...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	<0.009	<0.05	<0.01	47	91
JAN 14...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	<0.009	<0.05	<0.01	--	103
FEB 11...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	<0.009	<0.05	<0.01	80	26
MAR 11...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	0.053	<0.05	<0.01	--	26
APR 07...	--	<0.07	<0.02	<0.01	--	--	--	--	E.009	--	<0.01	97	59
16...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	0.014	<0.05	<0.01	--	12
21...	--	<0.07	<0.02	<0.01	--	--	--	--	E.006	--	<0.01	--	13
30...	<0.034	<0.07	<0.02	0.03	<0.005	<0.01	<0.002	<0.004	0.079	<0.05	<0.01	94	32,000
MAY 06...	--	<0.07	<0.02	E.01	--	--	--	--	0.035	--	<0.01	--	15,500
13...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	E.005	<0.05	<0.01	91	813
20...	--	<0.07	<0.02	<0.04	--	--	--	--	0.044	--	<0.01	--	12,300
27...	<0.034	<0.07	<0.02	E.01	<0.005	<0.01	<0.002	<0.004	E.007	<0.05	<0.01	--	288
JUN 02...	--	<0.07	<0.02	M	--	--	--	--	E.006	--	<0.01	--	106
10...	<0.034	<0.07	<0.02	0.01	<0.005	<0.01	<0.002	<0.004	0.011	<0.05	<0.01	--	547
17...	--	<0.07	<0.02	M	--	--	--	--	<0.009	--	<0.01	--	149
23...	<0.034	<0.07	<0.02	E.01	<0.005	<0.01	<0.002	<0.004	<0.009	<0.05	<0.01	--	155
JUL 01...	--	<0.07	<0.02	M	--	--	--	--	<0.009	--	<0.01	--	40
09...	<0.034	<0.07	<0.02	E.01	<0.005	<0.01	<0.002	<0.004	<0.009	<0.05	<0.01	97	279
15...	--	<0.07	<0.02	M	--	--	--	--	<0.009	--	<0.01	--	34
22...	--	--	--	--	--	--	--	--	--	--	--	--	112
28...	--	<0.07	<0.02	<0.01	--	--	--	--	<0.009	--	<0.01	--	16
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--	--
AUG 04...	<0.034	<0.07	<0.02	M	<0.005	<0.01	<0.002	<0.004	<0.009	<0.05	<0.01	100	10
12...	--	<0.07	<0.02	<0.01	--	--	--	--	<0.009	--	<0.01	--	E370
19...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	<0.009	<0.05	<0.01	--	13
26...	--	<0.07	<0.02	<0.01	--	--	--	--	<0.009	--	<0.01	--	8
SEP 02...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	<0.009	<0.05	<0.01	94	6
09...	--	<0.07	<0.02	<0.01	--	--	--	--	<0.009	--	<0.01	--	--
16...	<0.034	<0.07	<0.02	<0.01	<0.005	<0.01	<0.002	<0.004	<0.009	<0.05	<0.01	--	--

06800000 MAPLE CREEK NEAR NICKERSON, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Suspended sediment load, tons/d (80155)
OCT	
08...	0.53
NOV	
12...	--
12...	--
13...	1.3
15...	--
15...	--
15...	--
15...	--
DEC	
10...	4.7
JAN	
14...	8.6
FEB	
11...	1.3
MAR	
11...	1.3
APR	
07...	5.7
16...	1.0
21...	1.2
30...	376,000
MAY	
06...	61,200
13...	123
20...	9,720
27...	40
JUN	
02...	12
10...	69
17...	14
23...	15
JUL	
01...	2.9
09...	20
15...	1.6
22...	6.7
28...	0.32
31...	--
31...	--
31...	--
AUG	
04...	0.10
12...	--
19...	0.07
26...	0.05
SEP	
02...	0.03
09...	--
16...	--

Remark codes used in this table:

< -- Less than
 E -- Estimated value
 M-- Presence verified, not quantified

PLATTE RIVER BASIN

06800500 ELKHORN RIVER AT WATERLOO, NE

LOCATION.--Lat 41° 17'37", long 96° 17'00", in SW $\frac{1}{4}$ sec.3, T.15 N., R.10 E., Douglas County, Hydrologic Unit 10220003, on right bank at Nebraska Highway 64 bridge at north edge of Waterloo, 3.5 mi downstream from Rawhide Creek, and at mile 13.8.

DRAINAGE AREA.--6,900 mi², approximately, of which about 5,870 mi² contributes directly to surface runoff.

PERIOD OF RECORD.--April 1899 to November 1903, May 1911 to September 1915, August 1928 to current year. Published as "at Arlington" 1899-1903, July 1913 to September 1915. Monthly discharge only for some periods, published in WSP 1310.

REVISED RECORDS.--WSP 1390: 1914 (M), 1915, 1936, 1943(M). WDR NE-94-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,104.73 ft above sea level. Oct. 1, 1960, to July 27, 1978, at datum 2.00 ft higher. See WSP 1918 for history of changes prior to Oct. 1, 1960. July 28, 1978 to Nov. 17, 1993, at site 800 ft downstream at present datum. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor. Some small diversions above station for irrigation.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	521	707	748	759	e760	e960	1,060	6,090	1,300	1,100	587	e290
2	535	720	730	877	e720	e1,000	1,020	4,020	1,300	1,010	560	307
3	541	711	e640	749	e660	e1,080	977	2,030	1,360	962	548	319
4	696	688	e560	781	e620	e1,000	982	2,030	1,420	920	525	299
5	821	681	e480	813	e580	e860	972	9,260	1,430	892	519	292
6	752	679	e480	807	e580	e880	955	6,040	1,450	1,300	518	289
7	681	663	e580	e800	e600	e940	996	4,100	1,880	5,670	524	284
8	618	666	e600	e800	e640	e1,240	1,020	2,750	1,600	2,530	523	279
9	619	678	e660	853	e740	e1,400	1,020	3,160	1,490	1,960	509	298
10	620	675	868	760	e760	889	1,050	3,400	2,200	1,720	488	328
11	595	660	777	549	e720	898	1,150	3,460	5,300	1,600	480	474
12	582	652	744	483	e660	951	1,240	3,170	2,840	1,290	472	839
13	561	657	728	e470	e680	1,120	1,210	3,140	2,220	1,120	473	1,430
14	545	650	716	e470	e660	1,250	1,140	3,450	1,640	1,030	511	1,390
15	541	643	743	e440	e660	1,810	1,070	3,510	1,450	941	466	975
16	546	642	787	e400	e700	2,800	986	3,270	1,340	878	439	712
17	557	659	824	e300	e740	1,490	944	2,840	1,270	825	421	599
18	e560	664	827	e250	e800	1,160	909	2,570	1,500	788	405	547
19	e560	670	773	e250	e880	1,110	906	2,780	1,560	754	440	525
20	e560	675	e700	e250	e920	1,130	945	4,030	1,270	724	595	528
21	559	672	e640	e290	e1,020	1,120	991	2,510	1,170	707	554	523
22	561	669	e560	e400	e3,500	1,100	1,070	2,250	1,240	692	442	565
23	559	666	e540	e430	e2,050	1,020	1,090	2,090	1,180	674	405	531
24	586	667	e500	e490	1,220	957	1,150	2,150	1,070	640	380	504
25	580	663	e460	e640	857	925	1,140	2,220	2,260	608	360	489
26	592	618	e460	e660	874	904	1,110	1,980	2,400	586	355	479
27	596	589	e500	e660	e940	888	1,060	1,760	1,520	567	361	470
28	e620	642	e620	e700	e840	906	1,010	1,600	1,390	565	349	472
29	e640	622	e720	e700	---	979	1,010	1,500	1,410	576	328	469
30	e660	694	e680	e760	---	1,110	6,510	1,430	1,240	598	e300	469
31	e680	---	e640	e780	---	1,060	---	1,360	---	607	e280	---
TOTAL	18,644	19,942	20,285	18,371	25,381	34,937	36,693	95,950	50,700	34,834	14,117	15,975
MEAN	601	665	654	593	906	1,127	1,223	3,095	1,690	1,124	455	532
MAX	821	720	868	877	3,500	2,800	6,510	9,260	5,300	5,670	595	1,430
MIN	521	589	460	250	580	860	906	1,360	1,070	565	280	279
AC-FT	36,980	39,550	40,240	36,440	50,340	69,300	72,780	190,300	100,600	69,090	28,000	31,690

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1929 - 2003, BY WATER YEAR (WY)

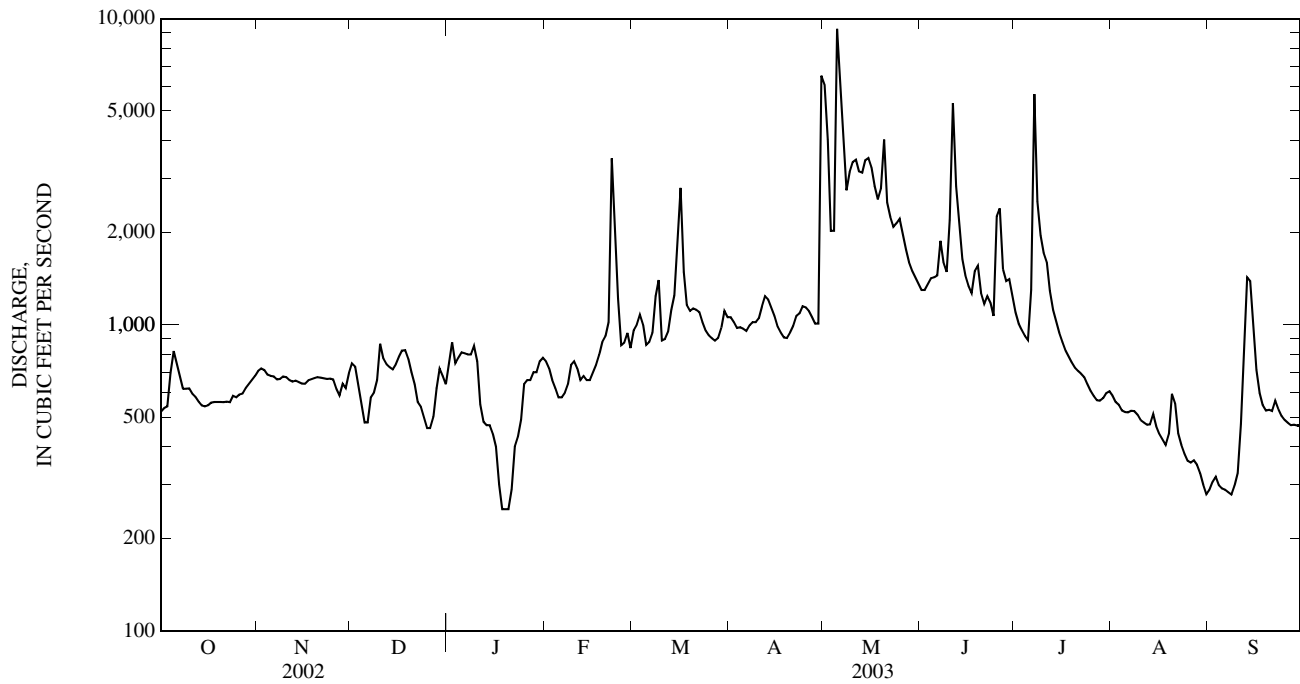
	730	762	665	626	1,195	2,257	2,064	2,081	2,816	1,443	951	732
MEAN	730	762	665	626	1,195	2,257	2,064	2,081	2,816	1,443	951	732
MAX	2,780	2,792	1,803	1,650	6,439	8,082	10,450	7,565	11,950	11,470	4,755	2,705
(WY)	(1987)	(1999)	(1994)	(1973)	(1971)	(1993)	(1984)	(1995)	(1984)	(1993)	(1951)	(1951)
MIN	150	240	150	180	256	489	512	327	405	173	117	87.8
(WY)	(1940)	(1940)	(1930)	(1977)	(1940)	(1981)	(1981)	(1934)	(1933)	(1936)	(1976)	(1939)

06800500 ELKHORN RIVER AT WATERLOO, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1929 - 2003	
ANNUAL TOTAL	396,172		385,829		1,359	
ANNUAL MEAN	1,085		1,057		3,870	
HIGHEST ANNUAL MEAN					417	
LOWEST ANNUAL MEAN					93,800	
HIGHEST DAILY MEAN	9,870	Jun 12	9,260	May 5	93,800	Jun 12, 1944
LOWEST DAILY MEAN	251	Aug 3	250	Jan 18	64	Sep 16, 1939
ANNUAL SEVEN-DAY MINIMUM	313	Jul 29	294	Sep 3	66	Sep 15, 1939
MAXIMUM PEAK FLOW			16,200	Apr 30	100,000	Jun 12, 1944
MAXIMUM PEAK STAGE			10.38	Apr 30	*16.60	Jun 12, 1944
ANNUAL RUNOFF (AC-FT)	785,800		765,300		984,400	
10 PERCENT EXCEEDS	1,820		2,030		2,720	
50 PERCENT EXCEEDS	824		740		740	
90 PERCENT EXCEEDS	497		468		304	

e Estimated.

* From floodmark, site and datum then in use.



PLATTE RIVER BASIN

06800500 ELKHORN RIVER AT WATERLOO, NE—Continued
(National Water-Quality Assessment, NAWQA, station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1948-49, 1960, 1967-95, 2002 to current year.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	23.3	19.2	21.2	4.1	1.9	3.2	---	---	---	---	---	---
2	21.1	14.3	16.9	3.3	1.7	2.6	---	---	---	---	---	---
3	15.2	13.4	14.3	4.9	3.2	3.9	---	---	---	---	---	---
4	15.2	13.8	14.7	5.2	2.8	4.2	---	---	---	---	---	---
5	15.3	12.3	13.9	5.4	4.6	4.9	---	---	---	---	---	---
6	15.1	12.8	14.2	5.9	3.7	4.9	---	---	---	---	---	---
7	13.8	10.4	12.3	7.6	4.3	6.1	---	---	---	---	---	---
8	15.9	11.8	13.9	8.4	6.4	7.5	---	---	---	---	---	---
9	16.8	13.6	15.3	9.8	7.1	8.5	---	---	---	---	---	---
10	18.3	15.1	16.7	9.4	6.5	8.1	---	---	---	---	---	---
11	18.6	15.5	17.2	6.5	4.4	5.5	---	---	---	---	---	---
12	18.0	13.7	16.2	6.0	3.4	4.9	---	---	---	---	---	---
13	14.1	10.9	12.8	6.1	4.0	5.2	---	---	---	---	---	---
14	13.5	10.3	12.1	---	---	---	---	---	---	---	---	---
15	12.4	10.0	11.4	---	---	---	---	---	---	---	---	---
16	11.1	9.0	9.9	---	---	---	---	---	---	---	---	---
17	11.6	8.5	10	---	---	---	---	---	---	---	---	---
18	13.3	9.6	11.4	---	---	---	---	---	---	---	---	---
19	11.9	9.4	10.7	---	---	---	---	---	---	---	---	---
20	11.2	8.4	10	---	---	---	---	---	---	---	---	---
21	10.8	9.2	9.8	---	---	---	---	---	---	---	---	---
22	9.4	6.6	7.8	---	---	---	---	---	---	---	---	---
23	6.6	3.3	5.0	---	---	---	---	---	---	---	---	---
24	3.7	2.8	3.3	---	---	---	---	---	---	---	---	---
25	5.7	3.6	4.5	---	---	---	---	---	---	---	---	---
26	8.5	5.6	6.9	---	---	---	---	---	---	---	---	---
27	7.8	6.4	7.0	---	---	---	---	---	---	---	---	---
28	6.9	6.2	6.6	---	---	---	---	---	---	---	---	---
29	7.2	6.8	7.0	---	---	---	---	---	---	---	---	---
30	7.0	5.4	6.6	---	---	---	---	---	---	---	---	---
31	5.4	3.7	4.5	---	---	---	---	---	---	---	---	---
MONTH	23.3	2.8	11.1	9.8	1.7	5.3	---	---	---	---	---	---

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	---	---	---	---	---	---	15.5	10.6	13.1	13.4	10.9	12.0
2	---	---	---	---	---	---	17.9	13.6	15.8	16.0	13.1	14.4
3	---	---	---	---	---	---	17.6	15.2	16.6	17.3	14.2	15.7
4	---	---	---	---	---	---	15.2	8.5	11.0	16.8	13.3	14.9
5	---	---	---	---	---	---	9.8	6.8	8.3	13.3	9.6	11.5
6	---	---	---	---	---	---	8.2	3.6	5.7	13.6	12.1	12.9
7	---	---	---	---	---	---	4.5	2.7	3.7	15.7	12.3	13.9
8	---	---	---	---	---	---	8.2	3.4	5.7	15.5	14.6	15.0
9	---	---	---	---	---	---	10.5	5.4	7.9	16.5	13.3	14.9
10	---	---	---	---	---	---	13.2	8.1	10.6	16.1	14.2	15.1
11	---	---	---	---	---	---	15.9	11.1	13.5	14.2	12.5	13.1
12	---	---	---	---	---	---	17.7	13.5	15.6	15.2	11.6	13.3
13	---	---	---	---	---	---	18.6	14.8	16.8	17.5	14.3	15.9
14	---	---	---	---	---	---	20.9	16.2	18.5	18.4	15.7	17.1
15	---	---	---	---	---	---	20.6	18.4	19.6	17.8	16.6	17.0
16	---	---	---	---	---	---	21.2	18.0	19.5	18.5	16.0	17.2
17	---	---	---	---	---	---	18.4	14.8	16.1	20.3	16.8	18.5
18	---	---	---	---	---	---	15.3	12.5	13.6	21.6	18.4	20.0
19	---	---	---	---	---	---	12.5	10.9	11.6	21.1	18.1	19.7
20	---	---	---	---	---	---	11.0	10.2	10.6	18.1	16.1	17.1
21	---	---	---	---	---	---	14.9	9.7	12.1	19.1	15.5	17.3
22	---	---	---	---	---	---	16.8	12.1	14.5	19.0	17.0	18.1
23	---	---	---	---	---	---	16.1	14.0	14.9	20.5	17.4	18.9
24	---	---	---	---	---	---	14.4	13.1	13.6	19.9	17.4	18.3
25	---	---	---	13.6	10.0	11.9	16.6	12.2	14.3	20.6	16.7	18.6
26	---	---	---	12.5	10.5	11.3	18.1	13.8	16.1	22.1	18.2	20.2
27	---	---	---	11.5	8.8	10.7	20.1	15.6	17.7	23.2	19.6	21.5
28	---	---	---	9.1	6.8	7.9	---	---	---	24.2	20.9	22.6
29	---	---	---	7.9	5.4	6.9	---	---	---	24.2	21.1	22.8
30	---	---	---	9.2	5.2	7.3	17.3	10.9	14.4	24.6	21.4	22.9
31	---	---	---	12.0	7.2	9.6	---	---	---	23.0	19.6	21.5
MONTH	---	---	---	13.6	5.2	9.4	21.2	2.7	13.3	24.6	9.6	17.2
	JUNE			JULY			AUGUST			SEPTEMBER		
1	22.8	20.2	21.6	28.5	24.8	26.7	27.8	24.4	26.0	25.4	17.8	21.4
2	21.6	17.4	19.3	29.4	25.6	27.6	29.4	24.6	27.1	26.8	20.0	23.4
3	17.6	16.2	16.9	31.5	26.7	29.1	29.8	24.5	27.3	25.8	21.5	23.6
4	19.6	15.7	17.7	30.7	27.3	28.7	28.6	24.9	26.8	25.9	18.9	22.6
5	20.8	17.9	19.4	29.7	25.8	27.8	30.2	24.7	27.5	26.3	20.1	23.2
6	22.3	18.6	20.5	29.2	24.3	26.8	28.4	25.9	27.1	27.0	20.7	23.8
7	21.3	17.6	19.2	28.6	22.1	24.3	29.8	24.1	27.0	26.0	20.4	23.2
8	19.0	16.4	17.8	28.5	25.5	26.8	30.5	25.5	28.1	25.4	19.3	22.4
9	22.0	17.1	19.5	27.8	25.8	27.0	30.6	25.4	28.1	22.4	19.9	21.0
10	22.9	19.9	21.7	28.1	25.5	26.9	31.3	25.7	28.5	22.4	19.4	20.8
11	20.6	16.8	18.6	28.3	25.4	27.0	30.0	25.6	27.9	21.5	18.6	20.1
12	20.4	19.8	20.2	28.6	25.0	27.0	29.8	24.9	27.3	20.8	16.9	18.9
13	23.4	19.1	21.1	28.7	25.4	27.3	28.4	24.0	26.2	19.9	18.0	19.1
14	25.9	21.9	23.9	29.9	25.5	27.7	29.0	23.9	26.5	19.8	17.4	18.7
15	27.6	23.5	25.6	30.8	27.0	29.1	30.6	25.3	28.0	20.6	16.9	18.9
16	27.8	24.7	26.4	29.6	26.8	28.1	32.0	26.1	29.0	22.6	18.1	20.4
17	27.4	24.6	26.2	31.2	26.2	28.6	31.9	26.8	29.4	24.1	20.2	22.2
18	26.7	24.6	25.6	31.4	28.3	29.8	31.2	26.4	28.5	22.7	16.6	19.7
19	26.4	23.6	25.1	30.7	26.9	28.9	30.0	24.5	27.1	18.9	14.1	16.6
20	25.2	22.5	24.0	32.0	27.2	29.6	29.2	24.8	27.0	18.6	15.1	17.0
21	23.9	21.3	22.8	30.0	26.8	28.1	29.5	26.5	28.0	19.0	16.1	17.3
22	24.0	21.9	22.8	27.4	24.1	25.9	29.2	24.6	26.9	18.9	16.2	17.6
23	26.2	21.4	23.8	27.9	22.7	25.3	29.4	23.9	26.7	20.1	14.7	17.5
24	28.4	25.1	26.7	26.8	23.1	25.2	30.9	24.4	27.7	19.6	17.2	18.6
25	27.4	21.8	25.3	28.7	23.0	25.9	32.0	26.0	29.0	18.2	14.1	16.4
26	22.6	19.8	21.3	31.1	24.9	28.1	30.8	26.2	28.6	18.2	14.9	16.4
27	24.9	20.6	22.8	30.4	25.2	27.4	31.1	25.8	28.5	16.2	13.8	15.0
28	26.9	22.7	24.8	28.6	23.7	26.2	28.8	25.5	27.2	15.2	11.7	13.5
29	26.9	24.5	25.8	29.7	24.5	27.2	29.1	24.1	26.3	13.3	10.8	11.7
30	27.4	24.0	25.9	30.6	26.0	28.3	24.1	20.5	21.9	13.3	9.9	11.4
31	---	---	---	28.8	24.5	26.6	21.6	19.7	20.5	---	---	---
MONTH	28.4	15.7	22.4	32.0	22.1	27.4	32.0	19.7	27.2	27.0	9.9	19.1
YEAR	32.0	1.7	18.6									

06800500 ELKHORN RIVER AT WATERLOO, NE—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
OCTOBER			NOVEMBER			DECEMBER			JANUARY			
1	628	587	617	625	610	616	---	---	---	---	---	---
2	620	582	595	633	620	627	---	---	---	---	---	---
3	604	544	593	641	623	633	---	---	---	---	---	---
4	549	512	531	644	631	637	---	---	---	---	---	---
5	564	526	548	643	627	634	---	---	---	---	---	---
6	593	555	575	640	627	636	---	---	---	---	---	---
7	674	593	639	631	621	626	---	---	---	---	---	---
8	681	638	663	631	617	626	---	---	---	---	---	---
9	662	642	653	630	618	626	---	---	---	---	---	---
10	662	628	649	624	607	616	---	---	---	---	---	---
11	643	629	638	611	600	605	---	---	---	---	---	---
12	650	630	640	609	603	606	---	---	---	---	---	---
13	641	632	637	615	608	612	---	---	---	---	---	---
14	642	631	638	---	---	---	---	---	---	---	---	---
15	649	638	644	---	---	---	---	---	---	---	---	---
16	653	634	645	---	---	---	---	---	---	---	---	---
17	650	635	645	---	---	---	---	---	---	---	---	---
18	645	630	640	---	---	---	---	---	---	---	---	---
19	638	631	634	---	---	---	---	---	---	---	---	---
20	638	631	634	---	---	---	---	---	---	---	---	---
21	647	633	641	---	---	---	---	---	---	---	---	---
22	650	627	643	---	---	---	---	---	---	---	---	---
23	646	615	634	---	---	---	---	---	---	---	---	---
24	624	614	620	---	---	---	---	---	---	---	---	---
25	630	618	622	---	---	---	---	---	---	---	---	---
26	651	630	643	---	---	---	---	---	---	---	---	---
27	647	630	642	---	---	---	---	---	---	---	---	---
28	643	632	639	---	---	---	---	---	---	---	---	---
29	646	638	642	---	---	---	---	---	---	---	---	---
30	644	613	629	---	---	---	---	---	---	---	---	---
31	625	580	616	---	---	---	---	---	---	---	---	---
MONTH	681	512	627	644	600	623	---	---	---	---	---	---
FEBRUARY			MARCH			APRIL			MAY			
1	---	---	---	---	---	---	651	599	622	428	258	326
2	---	---	---	---	---	---	695	651	683	528	428	489
3	---	---	---	---	---	---	737	685	700	579	503	530
4	---	---	---	---	---	---	732	615	651	593	516	561
5	---	---	---	---	---	---	617	597	605	636	311	419
6	---	---	---	---	---	---	---	562	---	500	388	471
7	---	---	---	---	---	---	562	546	553	511	462	482
8	---	---	---	---	---	---	548	537	543	522	439	492
9	---	---	---	---	---	---	543	535	540	531	491	512
10	---	---	---	---	---	---	567	538	549	576	531	561
11	---	---	---	---	---	---	587	553	574	558	512	531
12	---	---	---	---	---	---	589	580	584	589	506	546
13	---	---	---	---	---	---	669	584	642	586	567	575
14	---	---	---	---	---	---	655	615	630	567	486	537
15	---	---	---	---	---	---	627	596	616	550	488	533
16	---	---	---	---	---	---	598	528	570	570	539	558
17	---	---	---	---	---	---	541	472	515	583	567	574
18	---	---	---	---	---	---	542	462	510	598	577	585
19	---	---	---	---	---	---	572	542	559	600	576	594
20	---	---	---	---	---	---	588	572	580	583	377	440
21	---	---	---	---	---	---	---	---	---	584	431	533
22	---	---	---	---	---	---	---	---	---	604	583	594
23	---	---	---	---	---	---	---	---	---	619	589	609
24	---	---	---	---	615	---	526	487	515	621	569	610
25	---	---	---	622	615	618	547	520	540	612	570	600
26	---	---	---	617	607	610	546	534	541	633	606	625
27	---	---	---	610	591	599	548	499	531	651	633	641
28	---	---	---	594	583	588	---	---	---	651	639	646
29	---	---	---	584	574	578	533	---	---	645	578	623
30	---	---	---	642	576	607	541	258	458	579	539	560
31	---	---	---	635	602	611	---	---	---	541	511	524
MONTH	---	---	---	642	574	602	737	258	575	651	258	545

06800500 ELKHORN RIVER AT WATERLOO, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Alkalinity, wat flt inc tit field, mg/L as CaCO ₃ (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)
OCT													
09...	1030	2.80	601	36	738	10.2	102	8.3	669	13.5	14.0	241	289
NOV													
13...	0900	3.02	655	--	--	--	--	--	--	--	--	--	--
13...	1000	3.02	655	--	--	--	--	--	--	--	--	--	--
13...	1100	3.02	655	--	--	--	--	--	--	--	--	--	--
13...	1200	3.02	655	--	--	--	--	--	--	--	--	--	--
13...	1300	3.02	655	--	--	--	--	--	--	--	--	--	--
13...	1400	3.02	655	--	--	--	--	--	--	--	--	--	--
14...	1100	3.01	650	29	733	12.1	100	8.3	632	6.7	5.5	237	284
DEC													
11...	1100	3.21	775	30	732	14.1	101	7.7	689	3.0	0.0	258	311
JAN													
15...	0930	2.70	635	E8.2	746	E13.8	--	8.5	786	-5.0	0.0	311	371
FEB													
12...	1000	3.78	1,160	10	741	14.0	98	7.5	647	-2.9	-0.1	263	317
MAR													
12...	1100	3.48	936	64	729	12.3	88	7.8	561	2.6	0.0	209	253
APR													
17...	1100	3.55	947	55	734	9.5	97	8.1	512	7.5	14.7	182	214
MAY													
01...	1000	6.77	5,730	7,600	731	4.6	43	7.2	289	13.9	11.3	92	112
14...	1000	5.42	3,310	1,400	731	7.9	85	8.0	531	22.2	16.7	190	232
28...	1000	4.10	1,590	120	736	8.8	103	8.3	629	23.5	21.4	251	275
29...	1301	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1302	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1303	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1304	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1305	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1306	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1307	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1308	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1309	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1310	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1330	4.00	1,490	98	--	--	--	--	--	--	--	--	--
29...	1331	4.00	1,490	99	--	--	--	--	--	--	--	--	--
29...	1332	4.00	1,490	93	--	--	--	--	--	--	--	--	--
29...	1401	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1402	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1403	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1404	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1405	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1406	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1407	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1408	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1409	4.00	1,490	--	--	--	--	--	--	--	--	--	--
29...	1410	4.00	1,490	--	--	--	--	--	--	--	--	--	--
JUN													
11...	0930	6.80	5,790	12,000	730	4.2	46	7.7	299	19.8	17.2	96	118
24...	1100	3.63	1,070	200	725	9.7	127	8.2	612	30.5	26.5	234	264
JUL													
10...	0930	4.50	1,690	810	735	6.4	79	8.0	526	23.0	24.0	178	218
23...	1000	2.92	680	64	740	11.0	135	8.6	551	23.5	24.0	189	225
AUG													
06...	1030	2.53	516	51	731	7.0	90	8.2	508	24.0	26.0	157	187
18...	1000	--	--	--	--	11.7	--	8.4	491	--	29.6	--	--
20...	1000	2.64	551	E75	727	7.5	96	8.6	541	27.4	25.2	180	211
SEP													
03...	1200	2.07	319	23	737	14.2	175	8.7	560	27.1	24.0	193	200
17...	1000	2.78	601	180	728	E9.6	--	E8.3	E590	21.0	E22.5	181	216

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

[illegible]

Ortho-phosphate, water, fltrd, mg/L as P (00671)	Particulate nitrogen, susp, water, mg/L (49570)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inorganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Biomass periphyton, ashfree drymass g/m2 (49954)	Biomass chlorophyll ratio, periphyton, number (70950)	2,6-Diethyl-aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Acetochlor, water, fltrd, ug/L (49260)
0.57	0.62	0.81	4.7	4.7	<0.1	4.7	5.7	--	--	<0.006	E.019	0.035
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0.39	0.32	0.47	3.9	2.7	<0.1	2.6	2.8	--	--	<0.006	E.014	<0.006
0.48	0.23	0.59	4.4	2.1	<0.1	2.1	2.4	--	--	<0.006	E.014	<0.006
0.48	0.08	0.50	4.7	0.6	<0.1	0.6	2.6	--	--	<0.006	E.016	<0.006
0.34	0.18	0.38	3.8	1.2	<0.1	1.2	2.7	--	--	<0.006	E.012	E.005
0.42	0.44	0.64	4.8	3.6	<0.1	3.6	6.8	--	--	<0.006	E.017	0.011
0.12	1.45	0.54	1.5	9.3	0.7	8.5	4.5	--	--	<0.006	E.016	0.020
0.36	--	9.81	30	--	--	--	--	--	--	<0.006	E.180	E31.0
0.36	2.27	1.98	9.1	19.9	0.2	19.6	9.4	--	--	<0.006	E.252	4.74
0.33	--	0.72	5.0	--	--	--	--	--	--	<0.006	E.066	0.544
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0.14	20.1	11.8	30	183	6.5	177	7.4	--	--	<0.006	E.582	13.7
0.22	--	0.76	5.1	--	--	--	--	--	--	<0.006	E.185	0.319
0.37	2.05	1.44	7.2	20.3	E2.3	E18.0	5.8	--	--	<0.006	E.140	0.292
0.15	--	0.48	2.7	--	--	--	--	--	--	<0.006	E.032	0.018
0.14	1.63	0.44	1.9	9.7	<0.1	9.7	3.8	--	--	<0.006	E.025	<0.006
0.23	--	0.68	2.0	--	--	--	--	22.4	594	--	E.017	0.010
<0.02	1.49	0.60	2.0	8.2	<0.1	8.2	3.9	--	--	<0.006	E.014	<0.006
0.65	--	1.17	5.4	--	--	--	--	--	--	<0.006	E.041	0.069

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

[illegible]

06800500 ELKHORN RIVER AT WATERLOO, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

[illegible]

06800500 ELKHORN RIVER AT WATERLOO, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

[illegible]

06800500 ELKHORN RIVER AT WATERLOO, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

[illegible]

06800500 ELKHORN RIVER AT WATERLOO, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d (80155)
OCT			
09...	82	79	128
NOV			
13...	--	--	--
13...	--	--	--
13...	--	--	--
13...	--	--	--
13...	--	--	--
14...	--	68	120
DEC			
11...	99	49	103
JAN			
15...	--	31	54
FEB			
12...	42	38	119
MAR			
12...	--	170	429
APR			
17...	54	197	504
MAY			
01...	96	8,890	138,000
14...	61	2,340	20,900
28...	--	385	1,650
29...	--	200	805
29...	--	213	856
29...	--	302	1,210
29...	--	281	1,130
29...	--	323	1,300
29...	--	433	1,740
29...	--	699	2,810
29...	--	430	1,730
29...	--	321	1,290
29...	--	276	1,110
29...	--	--	--
29...	--	--	--
29...	--	--	--
29...	--	364	1,460
29...	--	307	1,240
29...	--	250	1,010
29...	--	204	819
29...	--	389	1,560
29...	--	424	1,710
29...	--	--	--
29...	--	322	1,290
29...	--	272	1,100
29...	--	228	916
JUN			
11...	--	10,100	158,000
24...	--	369	1,060
JUL			
10...	93	1,040	4,750
23...	--	132	242
AUG			
06...	91	85	118
18...	--	--	--
20...	--	254	378
SEP			
03...	83	23	20
17...	--	--	--

Remark codes used in this table:

< -- Less than

E -- Estimated value

M-- Presence verified, not quantified

06801000 PLATTE RIVER NEAR ASHLAND, NE

LOCATION.--Lat 41° 03'44", long 96° 19'28", in SE 1/4 SW 1/4 sec.29, T.13 N., R.10 E., Sarpy County, Hydrologic Unit 10200202, on left bank upstream side and 35 ft northeast of Highway 6 bridge, 3 mi northeast of Ashland, 2 mi upstream from Salt Creek, and at mile 27.9.

DRAINAGE AREA.--84,200 mi² from state base maps, scale 1:1,000,000.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1928 to May 1953, July 1988 to current year.

REVISED RECORDS.--WDR NE-94-1: 1993 (M).

GAGE.--Water-stage recorder. Datum of gage is 1,040.00 ft above sea level. Prior to Oct. 1, 1929, chain gage at former highway bridge 1/2 mi upstream at datum 15.83 ft higher. Oct. 1, 1929 to Oct. 7, 1933 staff or chain gage at former bridge datum 14.79 ft higher. Oct. 14, 1933 to Dec. 10, 1938 water-stage recorder at site 950 ft upstream from former bridge at datum 14.79 ft higher. Dec. 11, 1938 to June 16, 1948 water-stage recorder at site of former bridge 1/2 mi upstream at datum 14.79 ft higher. June 17, 1948 to May 11, 1953 1/2 mi downstream on Highway 6 bridge at datum 12.51 ft higher. Data collection platform at station.

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

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,250	4,180	4,360	e3,700	e3,500	e2,900	5,920	16,100	3,270	4,640	1,240	381
2	2,840	4,130	3,270	e3,600	e3,700	e2,900	5,200	15,200	3,010	4,230	1,260	569
3	2,550	4,120	4,140	e3,700	e3,800	e3,600	4,800	12,000	3,030	3,940	1,280	821
4	3,370	4,150	4,220	e3,600	e3,500	e4,000	4,950	9,930	2,940	3,520	1,150	909
5	3,370	3,730	2,310	e3,700	e3,000	e4,000	5,060	21,700	3,560	3,220	1,120	965
6	3,770	3,660	2,060	e3,700	e2,800	e4,600	4,690	26,400	3,430	3,600	1,280	931
7	3,690	3,400	4,370	e3,700	e2,700	e4,700	5,890	18,300	3,860	7,120	1,390	992
8	3,950	3,570	3,950	e3,600	e2,800	e4,900	5,640	12,400	4,160	5,010	1,300	1,210
9	3,790	3,540	3,800	e3,300	e3,200	e5,000	5,900	11,300	4,230	4,190	1,200	1,060
10	3,740	3,400	3,850	e3,000	e4,000	e5,200	5,800	10,600	4,030	3,620	1,130	1,170
11	3,640	3,540	4,760	e2,800	e3,600	e5,200	6,100	12,000	9,190	3,390	1,190	1,700
12	3,270	3,490	4,980	e1,900	e3,500	e6,200	5,580	10,400	5,900	3,160	1,360	2,740
13	2,680	3,410	4,960	e2,000	e3,500	e6,400	5,840	11,400	5,240	2,910	1,230	4,970
14	2,640	4,160	4,900	e1,900	e3,800	e6,800	5,850	9,200	4,430	2,720	1,610	5,730
15	2,440	4,070	4,940	e1,900	e3,300	e8,000	5,580	9,200	4,020	2,430	1,500	5,320
16	2,730	3,450	5,260	e1,800	e3,100	e8,600	4,020	8,660	3,530	2,390	1,430	3,870
17	2,390	2,500	5,270	e1,800	e3,800	6,330	5,260	7,490	3,540	1,800	1,230	3,020
18	2,790	3,360	4,910	e1,750	e4,300	5,370	5,050	6,270	3,480	1,710	1,060	2,370
19	3,460	3,580	4,990	e1,750	e5,000	5,450	5,060	5,400	4,230	1,690	1,170	2,500
20	3,340	3,650	e4,600	e1,700	e5,800	5,790	6,070	7,880	3,370	1,520	1,330	2,260
21	3,180	3,720	e4,300	e1,750	e5,800	6,090	6,010	6,210	3,460	1,420	1,400	1,990
22	3,020	3,860	e3,900	e1,850	e5,200	6,640	5,940	5,290	3,970	1,490	1,090	1,990
23	3,170	3,250	e2,600	e2,000	e4,500	6,520	5,920	4,860	3,860	1,520	1,080	2,030
24	3,150	4,090	e3,000	e1,900	e3,400	6,780	5,670	4,620	3,580	1,820	744	2,110
25	3,380	3,890	e3,000	e1,900	e2,500	5,750	5,370	4,520	3,750	1,330	754	1,980
26	3,690	3,480	e3,000	e2,100	e2,100	4,770	5,380	4,290	5,260	1,290	797	2,010
27	3,630	4,000	e2,800	e2,700	e2,600	4,970	6,080	3,930	4,420	1,380	930	1,960
28	3,590	3,200	e3,000	e2,900	e2,600	5,440	6,610	4,270	4,680	1,170	1,100	1,580
29	3,570	3,460	e3,300	e3,200	---	5,350	6,690	4,250	5,840	1,200	1,060	1,920
30	3,700	4,470	e3,300	e3,300	---	5,270	9,910	4,180	5,300	1,440	835	1,790
31	4,180	---	e3,400	e3,500	---	5,750	---	3,720	---	1,570	644	---
TOTAL	100,960	110,510	121,500	82,000	101,400	169,270	171,840	291,970	126,570	82,440	35,894	62,848
MEAN	3,257	3,684	3,919	2,645	3,621	5,460	5,728	9,418	4,219	2,659	1,158	2,095
MAX	4,180	4,470	5,270	3,700	5,800	8,600	9,910	26,400	9,190	7,120	1,610	5,730
MIN	2,250	2,500	2,060	1,700	2,100	2,900	4,020	3,720	2,940	1,170	644	381
AC-FT	200,300	219,200	241,000	162,600	201,100	335,700	340,800	579,100	251,100	163,500	71,200	124,700
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1989 - 2003, BY WATER YEAR (WY)												
MEAN	5,292	5,886	5,335	4,888	6,705	9,224	8,614	9,018	10,690	7,265	4,786	4,541
MAX	8,325	9,403	8,778	9,022	11,390	23,190	15,470	19,330	23,270	31,980	10,730	9,825
(WY)	(1998)	(1999)	(1998)	(1998)	(1997)	(1993)	(1998)	(1995)	(1993)	(1996)	(1993)	(1993)
MIN	2,433	3,620	2,879	2,645	3,621	5,233	4,618	2,969	2,928	1,083	1,158	1,533
(WY)	(1992)	(1989)	(1990)	(2003)	(2003)	(1991)	(1989)	(1989)	(1989)	(2002)	(2003)	(1991)

06801000 PLATTE RIVER NEAR ASHLAND, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1989 - 2003	
ANNUAL TOTAL	1,380,689		1,457,202			
ANNUAL MEAN	3,783		3,992		*6,849	
HIGHEST ANNUAL MEAN					11,820	
LOWEST ANNUAL MEAN					3,992	
HIGHEST DAILY MEAN	19,500	Jun 12	26,400	May 6	110,000	Mar 10, 1993
LOWEST DAILY MEAN	416	Aug 4	381	Sep 1	381	Sep 1, 2003
ANNUAL SEVEN-DAY MINIMUM	634	Jul 30	732	Aug 30	634	Jul 30, 2002
MAXIMUM PEAK FLOW			**33,200	May 6	***130,000	Mar 10, 1993
MAXIMUM PEAK STAGE			****18.65	Feb 22	****23.05	Feb 20, 1997
ANNUAL RUNOFF (AC-FT)	2,739,000		2,890,000		4,962,000	
10 PERCENT EXCEEDS	5,810		6,080		11,200	
50 PERCENT EXCEEDS	3,650		3,600		5,740	
90 PERCENT EXCEEDS	1,230		1,300		2,400	

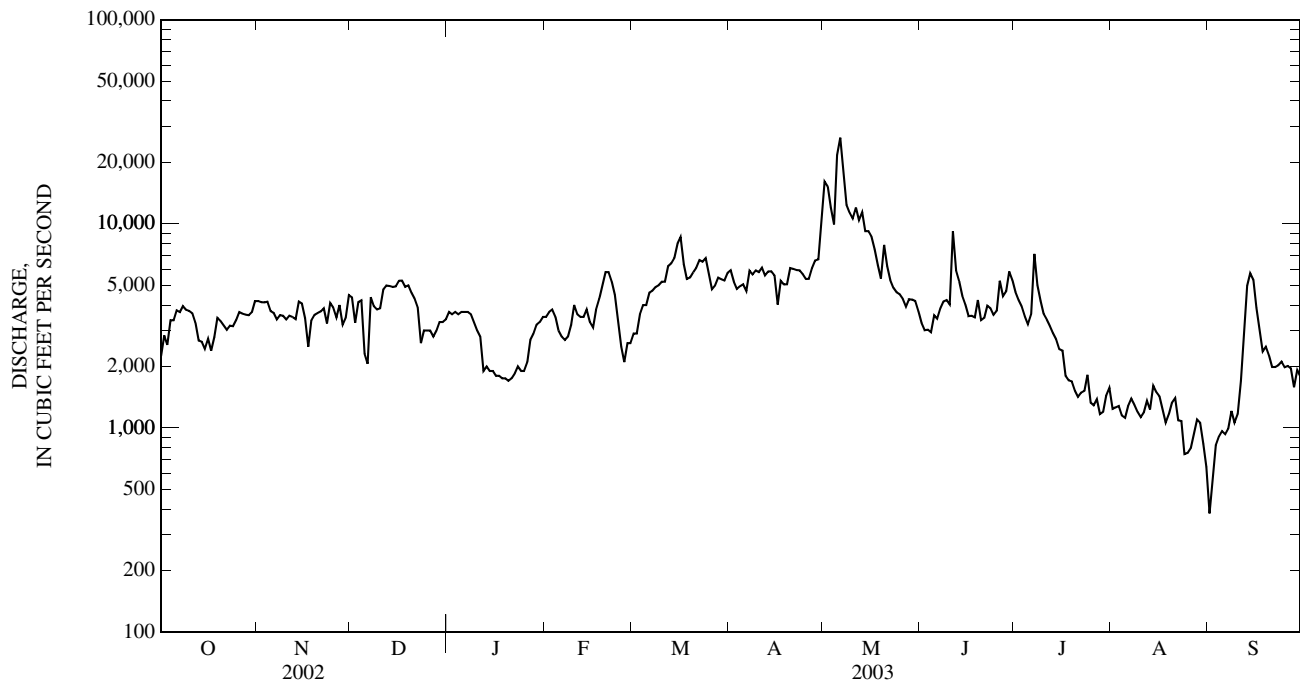
e Estimated.

* Average discharge for water years 1942-52, 5,961 ft³/s.

** Stage 18.11 ft.

*** Estimated; discharge includes overbank flow, stage 19.23 ft., backwater from ice.

**** Backwater from ice.



06801180 OLIVE BRANCH NEAR HALLAM, NE

LOCATION.--Lat 40° 35'44", long 096° 47'42", in NE 1/4 NW 1/4 sec.7, T.7 N., R.6 E., Lancaster County, Hydrologic Unit 10200203, on right bank, 4.75 mi west of U.S. Highway 77 on West Panama Road, south of Lincoln, and at mile 3.5.

DRAINAGE AREA.--37.8 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1997 to current year.

GAGE.--Water-stage recorder, water temperature, and specific conductance sensors. Datum of gage is 1,273.75 ft above sea level. Datum lowered to 1,271.75 ft above sea level July 24, 2002. Data collection platform at station.

REMARKS.--No estimated daily discharges. Records fair.

COOPERATION.--Station operated in cooperation with the Nebraska Public Power District.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.53	2.2	1.5	1.3	1.4	1.5	2.0	e7.9	1.0	e2.4	0.95	0.28
2	3.0	2.1	1.5	1.0	1.5	1.7	1.9	2.4	1.4	e2.4	0.78	0.23
3	3.0	1.9	1.6	0.73	1.7	1.7	2.0	2.0	1.5	1.6	0.52	0.21
4	84	1.8	1.6	0.75	1.5	2.0	2.7	1.8	1.5	1.5	0.48	0.22
5	3.1	1.6	1.6	0.93	1.4	1.9	2.8	1.8	1.3	1.6	0.50	0.25
6	1.5	1.4	1.5	1.0	1.4	e12	3.4	1.9	1.2	1.5	0.48	0.29
7	1.3	1.4	1.5	1.0	1.3	e10	3.6	1.9	1.5	1.4	0.56	0.28
8	1.3	1.3	1.5	1.1	1.1	e5.6	3.3	e9.8	1.5	1.4	0.54	0.35
9	1.3	1.1	1.3	1.3	1.1	2.0	3.0	e73	1.2	1.4	0.56	1.3
10	1.3	1.2	1.2	1.4	1.1	2.0	2.7	e13	e117	1.6	0.41	1.7
11	1.2	1.4	1.3	1.4	1.0	1.9	2.4	3.2	e128	1.7	0.40	3.6
12	1.3	1.4	1.3	1.4	1.1	2.2	2.2	2.4	e370	1.5	0.38	1.2
13	1.2	1.4	1.4	1.4	1.0	2.3	2.1	1.8	e188	1.6	0.34	0.68
14	1.3	1.4	1.4	1.5	1.3	2.0	1.9	2.0	e90	1.7	0.40	0.60
15	1.2	1.5	1.4	1.4	1.6	2.0	1.9	e30	e41	1.8	0.38	0.48
16	1.2	1.5	1.3	e1.5	1.5	1.8	2.0	2.5	3.5	1.8	0.34	0.43
17	1.4	1.5	1.2	e1.9	1.4	1.6	2.2	2.6	2.9	1.8	0.30	0.44
18	1.3	1.4	1.3	1.5	1.3	1.5	2.4	2.4	2.5	1.7	0.32	0.40
19	1.3	1.5	1.4	1.5	1.4	1.7	2.4	e217	e51	1.5	1.7	0.44
20	1.1	1.4	1.4	1.5	1.5	2.2	2.4	e68	1.9	1.3	e1.4	0.45
21	1.2	1.4	1.5	1.5	1.6	2.2	2.1	e32	1.7	0.97	0.52	0.49
22	1.3	1.5	1.4	1.6	1.8	1.7	2.1	e22	e27	1.4	0.56	0.53
23	1.6	1.4	1.3	1.5	1.8	1.6	2.3	e12	e129	1.3	0.30	0.54
24	1.7	1.6	1.3	1.4	1.7	1.5	2.4	1.2	e91	0.82	0.26	0.59
25	e1.9	1.6	1.2	1.4	1.5	1.6	e5.1	1.1	e30	0.68	0.18	0.60
26	e2.7	1.6	1.1	1.4	1.5	1.7	2.0	1.1	1.8	0.60	0.21	0.60
27	e2.8	1.6	1.0	1.3	1.4	1.9	2.0	1.0	1.6	0.63	0.25	0.64
28	e3.1	1.5	1.0	1.3	1.4	2.3	1.8	0.84	1.5	1.3	0.30	0.60
29	e3.3	1.5	1.1	1.2	---	2.5	e7.0	0.84	2.4	1.0	0.31	0.64
30	e5.3	1.7	1.1	1.3	---	2.4	e46	0.79	e2.4	0.61	0.42	0.65
31	2.1	---	1.3	1.5	---	2.1	---	0.98	---	0.64	0.34	---
TOTAL	139.83	45.8	41.5	40.91	39.3	81.1	122.1	521.25	1,296.3	43.15	15.39	19.71
MEAN	4.51	1.53	1.34	1.32	1.40	2.62	4.07	16.8	43.2	1.39	0.50	0.66
MAX	84	2.2	1.6	1.9	1.8	12	46	217	370	2.4	1.7	3.6
MIN	0.53	1.1	1.0	0.73	1.0	1.5	1.8	0.79	1.0	0.60	0.18	0.21
AC-FT	277	91	82	81	78	161	242	1,030	2,570	86	31	39

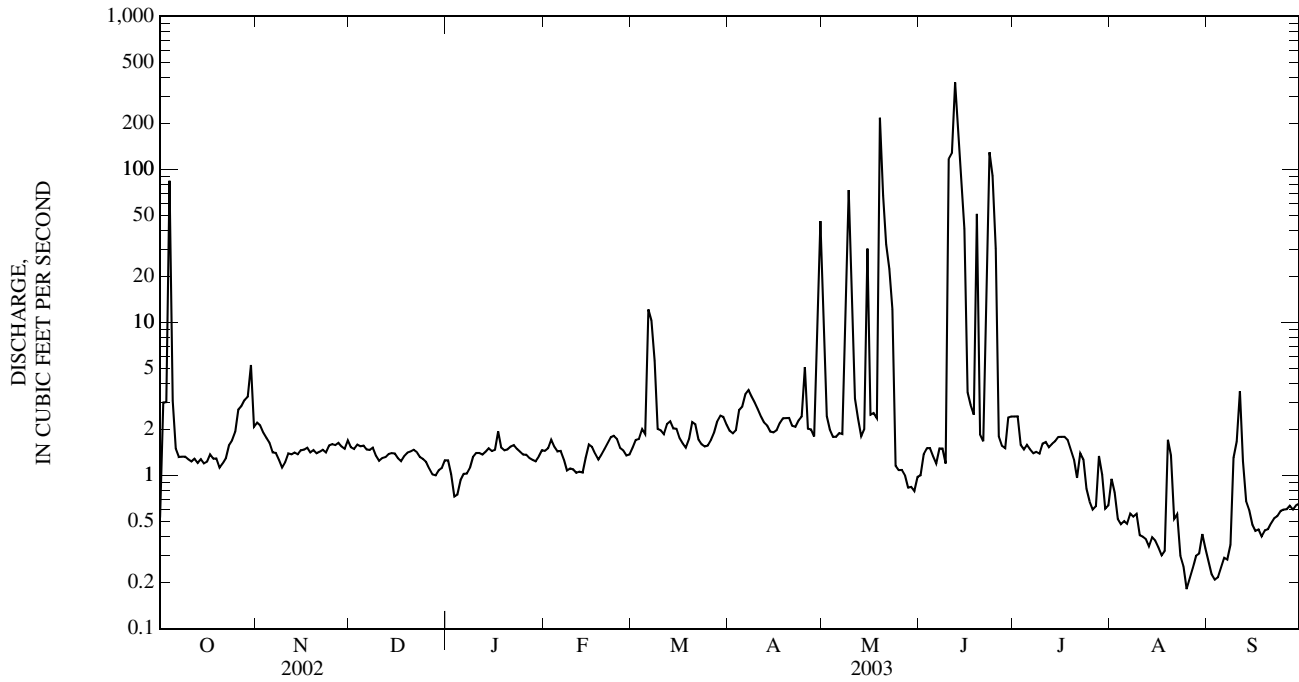
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1997 - 2003, BY WATER YEAR (WY)

	4.89	8.94	2.92	2.21	4.79	8.95	12.2	23.1	17.2	4.53	2.08	2.30
MEAN	17.2	35.6	6.37	4.21	18.1	28.6	33.1	80.7	43.2	7.46	7.73	8.21
(WY)	(1999)	(1999)	(1999)	(1998)	(1998)	(1998)	(1999)	(2001)	(2003)	(1998)	(1998)	(1998)
MIN	0.98	0.96	0.43	0.96	1.07	0.74	1.25	1.03	1.53	1.27	0.50	0.66
(WY)	(2000)	(2001)	(2001)	(2000)	(2000)	(2000)	(2000)	(2000)	(2002)	(2002)	(2003)	(2003)

06801180 OLIVE BRANCH NEAR HALLAM, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1997 - 2003	
ANNUAL TOTAL	1,096.82		2,406.34		9.21	
ANNUAL MEAN	3.00		6.59		2.83	
HIGHEST ANNUAL MEAN					13.4	
LOWEST ANNUAL MEAN					2.83	
HIGHEST DAILY MEAN	149	May 6	370	Jun 12	537	May 20, 2001
LOWEST DAILY MEAN	0.48	Aug 8	0.18	Aug 25	0.06	Jun 22, 2000
ANNUAL SEVEN-DAY MINIMUM	0.55	Aug 6	0.25	Sep 1	0.12	Dec 11, 2000
MAXIMUM PEAK FLOW			unknown	Jun 12	1,880	May 20, 2001
MAXIMUM PEAK STAGE			unknown	Jun 12	13.90	May 20, 2001
ANNUAL RUNOFF (AC-FT)	2,180		4,770		6,670	
10 PERCENT EXCEEDS	3.2		3.1		15	
50 PERCENT EXCEEDS	1.5		1.5		2.4	
90 PERCENT EXCEEDS	0.66		0.51		0.78	

e Estimated.



06801180 OLIVE BRANCH NEAR HALLAM, NE—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1997 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1997 to current year.

WATER TEMPERATURES: May 1997 to current year.

REMARKS.--Specific conductance was affected by beaver dams September 23 through the end of the water year.

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	19.7	14.8	7.5	4.3	7.0	3.4	5.0	3.2	6.0	2.6	5.5	2.6
2	15.5	13.7	6.6	4.5	6.2	4.2	5.3	3.7	6.3	3.0	5.9	1.3
3	14.5	13.0	7.8	5.4	5.0	3.3	6.1	3.2	3.6	1.8	7.6	2.2
4	14.7	12.8	8.8	4.5	5.0	3.6	6.1	3.8	4.5	1.8	2.9	0.7
5	16.1	11.2	8.9	6.2	5.0	3.0	5.7	2.9	5.2	2.4	4.4	1.1
6	14.3	11.1	10.4	5.5	6.3	3.0	4.9	3.0	3.6	1.6	6.4	1.5
7	14.2	9.3	11.2	6.2	6.6	3.1	7.4	2.9	4.7	1.2	6.8	1.8
8	16.0	10.8	11.1	8.0	5.2	3.2	7.6	3.4	5.7	2.2	4.0	1.2
9	16.1	12.2	12.2	8.2	5.8	2.9	4.8	3.0	4.6	2.4	6.2	1.2
10	16.6	11.8	9.8	7.1	5.9	3.9	3.8	2.1	4.4	2.0	7.3	2.1
11	16.6	12.5	9.3	6.2	5.4	4.6	4.7	1.8	5.8	2.0	9.5	2.3
12	14.7	10.7	9.9	5.7	6.5	4.2	5.4	2.1	6.8	2.0	5.6	2.8
13	13.7	8.8	9.7	5.9	6.6	3.1	5.4	2.4	6.9	2.2	8.9	3.5
14	13.5	9.1	9.3	7.3	6.8	3.3	4.2	1.8	3.8	1.6	12.6	4.0
15	13.0	9.2	9.6	6.7	7.4	3.5	4.2	2.3	3.3	1.2	14.3	5.6
16	10.1	9.2	9.1	6.4	7.4	4.3	---	---	4.9	1.3	16.3	8.5
17	12.7	8.4	9.5	5.6	7.2	5.0	---	---	5.4	1.5	12.1	10.5
18	14.2	9.3	9.2	6.3	7.2	4.4	3.8	2.1	6.8	2.4	14.4	10.5
19	11.7	8.6	9.0	5.8	6.1	4.0	5.3	1.9	7.3	1.9	11.6	7.9
20	12.8	8.2	9.8	6.4	5.5	3.3	4.7	2.4	8.0	2.4	8.5	6.7
21	11.7	8.9	8.9	6.2	4.7	2.7	3.9	2.1	8.2	2.7	12.0	5.2
22	9.4	7.8	8.7	5.0	4.9	2.7	2.6	0.9	4.8	2.1	14.1	7.1
23	7.8	5.1	8.7	6.5	4.8	2.8	3.8	0.8	3.0	1.1	14.8	8.3
24	6.9	5.4	6.6	4.2	4.3	2.4	3.8	1.8	4.0	0.8	15.9	9.7
25	---	---	5.8	3.4	5.0	2.3	5.2	1.3	4.8	1.0	16.4	9.0
26	---	---	5.9	3.6	5.7	2.5	3.3	1.2	5.4	1.5	13.9	8.8
27	---	---	5.8	3.1	5.6	3.2	4.7	1.8	5.3	2.0	12.2	7.7
28	---	---	7.0	3.5	6.7	3.7	4.4	3.3	6.1	2.3	11.7	5.6
29	8.6	8.1	7.1	4.8	6.0	3.0	4.6	3.3	---	---	11.6	4.7
30	8.3	5.6	5.1	2.9	5.5	3.0	5.5	2.3	---	---	13.5	4.4
31	6.3	4.7	---	---	5.4	2.4	5.0	2.4	---	---	---	---
MONTH	19.7	4.7	12.2	2.9	7.4	2.3	7.6	0.8	8.2	0.8	16.4	0.7

TEMPERATURE, WATER, DEGREES CELSIUS—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

[illegible]

PLATTE RIVER BASIN

06801180 OLIVE BRANCH NEAR HALLAM, NE—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
 WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	825	622	791	778	734	773	721	613	772	---	726	766
2	646	648	784	769	712	749	719	691	747	---	741	791
3	588	669	781	771	705	740	715	732	746	809	783	807
4	225	699	788	770	723	741	719	749	744	815	799	802
5	453	714	795	755	728	758	728	760	757	811	785	798
6	638	748	801	759	752	752	706	761	766	815	787	817
7	691	745	799	757	784	761	695	752	769	816	766	823
8	698	754	800	745	787	742	696	658	769	820	773	833
9	707	761	810	752	789	744	700	405	778	821	748	771
10	735	772	810	771	793	741	710	536	605	810	790	698
11	761	776	794	784	781	739	708	642	664	813	786	430
12	766	780	785	795	774	707	705	709	523	808	793	416
13	778	780	786	795	759	680	697	746	419	815	796	624
14	773	773	778	816	727	675	697	709	442	820	773	698
15	774	771	768	836	693	654	701	718	450	824	779	718
16	768	774	765	---	711	653	704	750	492	824	804	732
17	764	772	764	---	731	673	716	745	552	821	810	711
18	779	769	754	827	750	692	724	749	609	824	795	739
19	786	772	753	817	739	693	731	430	657	822	672	---
20	803	770	764	807	699	665	741	447	702	816	636	742
21	799	769	770	806	685	676	744	582	736	814	712	771
22	797	776	781	815	683	719	744	666	764	807	761	794
23	777	777	792	823	710	723	738	719	708	809	762	1,260
24	768	779	802	820	737	721	725	741	684	812	775	2,820
25	---	784	817	820	775	722	734	753	719	808	782	1,230
26	---	785	828	831	789	718	733	762	752	829	781	2,840
27	---	784	838	822	801	719	733	767	770	824	747	3,180
28	---	786	825	810	801	723	740	772	765	759	735	2,530
29	751	781	819	803	---	724	571	775	681	792	767	1,480
30	691	780	797	783	---	724	474	778	713	785	773	1,890
31	644	---	785	756	---	---	---	773	---	765	780	---
MEAN	---	756	791	---	745	---	706	690	675	---	765	---
MAX	---	786	838	---	801	---	744	778	778	---	810	---
MIN	---	622	753	---	683	---	474	405	419	---	636	---

06801180 OLIVE BRANCH NEAR HALLAM, NE—Continued

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06803000 SALT CREEK AT ROCA, NE

LOCATION.--Lat 40° 39'29", long 96° 39'55", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.17, T.8 N., R.7 E., Lancaster County, Hydrologic Unit 10200203, on left bank 15 ft upstream from highway bridge at west edge of Roca, and at mile 54.2. Mar. 18, 2002, to Sept. 30, 2002, at location 0.25 mile west and 0.25 mile south at mile 53.5.

DRAINAGE AREA.--167 mi².

PERIOD OF RECORD.--May 1951 to current year.

REVISED RECORDS.--WDR NE-71: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,192.50 ft above sea level, Kansas City supplementary adjustment of 1943. Prior to May 16, 1956, nonrecording gage at present site and datum. Data collection platform at station.

REMARKS.--Records fair, except for estimated daily discharges, which are poor. Flood flow affected by several detention dams.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.1	12	9.3	10	21	e16	15	20	25	28	5.9	5.3
2	31	9.5	9.4	9.9	21	e16	16	18	28	25	6.1	5.3
3	14	9.0	9.2	10	e19	e15	16	17	28	22	5.5	5.4
4	298	8.4	9.0	11	e14	e13	16	16	27	20	5.3	5.1
5	41	8.2	8.7	11	e11	e16	15	16	25	18	5.0	5.0
6	18	7.7	8.9	11	e11	e14	15	16	25	16	4.5	5.1
7	12	7.9	9.6	11	e13	e22	17	16	25	15	4.8	5.0
8	10	7.6	9.3	11	e9.0	e31	17	25	25	14	5.0	5.0
9	8.8	8.1	9.0	11	e12	35	16	107	24	13	5.4	6.2
10	7.9	8.2	9.8	11	e12	34	16	35	1,800	12	5.3	8.8
11	7.2	7.2	9.8	11	e12	28	16	30	231	12	5.1	32
12	6.5	7.3	10	e11	e12	17	17	30	970	11	5.0	16
13	6.6	7.4	9.8	e11	e14	17	17	31	695	10	4.9	8.5
14	6.5	7.5	9.7	e11	e15	17	17	55	238	9.8	5.1	5.7
15	6.1	7.4	9.6	e10	e17	18	17	38	156	9.4	5.1	5.5
16	6.1	7.7	9.6	e11	e19	18	17	34	93	8.8	5.4	5.2
17	6.6	7.9	9.8	e9.6	e14	19	17	32	60	8.7	4.8	5.3
18	6.3	8.3	9.8	e11	e15	21	17	31	48	7.5	4.9	5.1
19	6.1	7.8	9.8	e12	e19	20	17	315	42	7.3	7.7	5.3
20	6.2	7.5	10	e12	25	36	17	138	36	7.1	8.6	5.2
21	6.6	8.1	8.7	e12	26	28	17	60	32	6.8	6.8	5.5
22	7.0	8.1	8.8	e10	e21	21	17	50	29	6.5	5.6	5.4
23	7.4	8.4	9.5	e8.2	e14	19	17	45	975	6.7	5.2	5.1
24	8.1	8.5	9.5	e11	e16	18	17	41	161	6.2	5.2	5.1
25	8.2	8.3	8.8	e12	e13	16	17	39	100	5.9	5.1	5.0
26	8.6	8.6	9.0	e13	e14	16	17	36	71	5.1	4.9	4.8
27	8.5	8.6	9.4	e13	e14	15	17	33	56	5.2	4.8	4.7
28	9.0	9.0	9.7	e13	e15	15	16	31	42	5.6	5.0	4.6
29	9.2	9.2	10	e13	---	14	23	30	36	5.9	5.3	4.8
30	15	9.0	11	e12	---	14	34	28	32	5.5	5.1	4.6
31	17	---	10	e17	---	14	---	27	---	5.0	5.5	---
TOTAL	618.6	248.4	294.5	350.7	438.0	613	520	1,440	6,135	339.0	167.9	199.6
MEAN	20.0	8.28	9.50	11.3	15.6	19.8	17.3	46.5	204	10.9	5.42	6.65
MAX	298	12	11	17	26	36	34	315	1,800	28	8.6	32
MIN	6.1	7.2	8.7	8.2	9.0	13	15	16	24	5.0	4.5	4.6
AC-FT	1,230	493	584	696	869	1,220	1,030	2,860	12,170	672	333	396

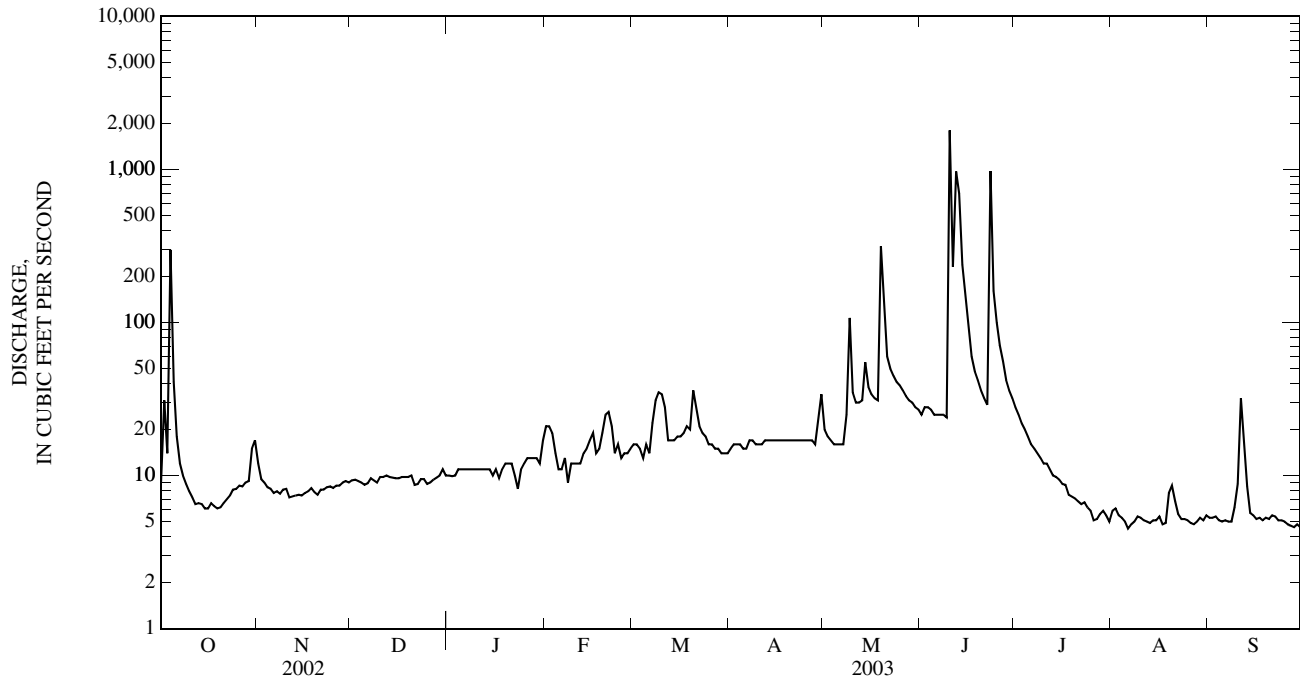
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2003, BY WATER YEAR (WY)

	MEAN	39.3	20.7	16.3	18.6	36.9	84.2	67.1	99.0	93.0	77.7	30.3	22.6
MAX	617	167	108	140	180	641	356	587	666	789	496	220	
(WY)	(1974)	(1999)	(1987)	(1973)	(1958)	(1979)	(1987)	(1995)	(1984)	(1993)	(1954)	(1989)	
MIN	1.36	3.11	3.19	3.25	5.37	5.59	5.23	5.23	2.98	2.19	1.18	1.66	
(WY)	(1956)	(1956)	(1965)	(1954)	(1956)	(1956)	(1956)	(1955)	(1981)	(1955)	(1955)	(1991)	

06803000 SALT CREEK AT ROCA, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1952 - 2003	
ANNUAL TOTAL	9,104.5		11,364.7		50.6	
ANNUAL MEAN	24.9		31.1		200	
HIGHEST ANNUAL MEAN					6.15	
LOWEST ANNUAL MEAN					1981	
HIGHEST DAILY MEAN	1,530	May 28	1,800	Jun 10	6,070	Jul 14, 1952
LOWEST DAILY MEAN	1.7	Aug 16	4.5	Aug 6	0.20	Jul 23, 1955
ANNUAL SEVEN-DAY MINIMUM	1.9	Aug 15	4.8	Sep 24	0.61	Sep 6, 1955
MAXIMUM PEAK FLOW			3,150	Jun 10	16,700	Jul 10, 1958
MAXIMUM PEAK STAGE			18.29	Jun 10	22.70	Jul 10, 1958
ANNUAL RUNOFF (AC-FT)	18,060		22,540		36,630	
10 PERCENT EXCEEDS	25		34		77	
50 PERCENT EXCEEDS	13		11		11	
90 PERCENT EXCEEDS	5.6		5.2		4.1	

e Estimated.



06803080 SALT CREEK AT PIONEERS BOULEVARD AT LINCOLN, NE

LOCATION.--Lat 40° 46'13", long 96° 43'05", in SW $\frac{1}{4}$ SW $\frac{1}{4}$, sec.2, T.9 N., R.6 E., Lancaster County, Hydrologic Unit 10200203, on left bank downstream from bridge.

DRAINAGE AREA.--220 mi².

PERIOD OF RECORD.--August 1994 to current year. Published as "above Beal Slough", August-September 1994.

GAGE.--Water-stage recorder. Elevation of gage is 1,140 ft above sea level. Data collection platform at station.

REMARKS.--Record fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

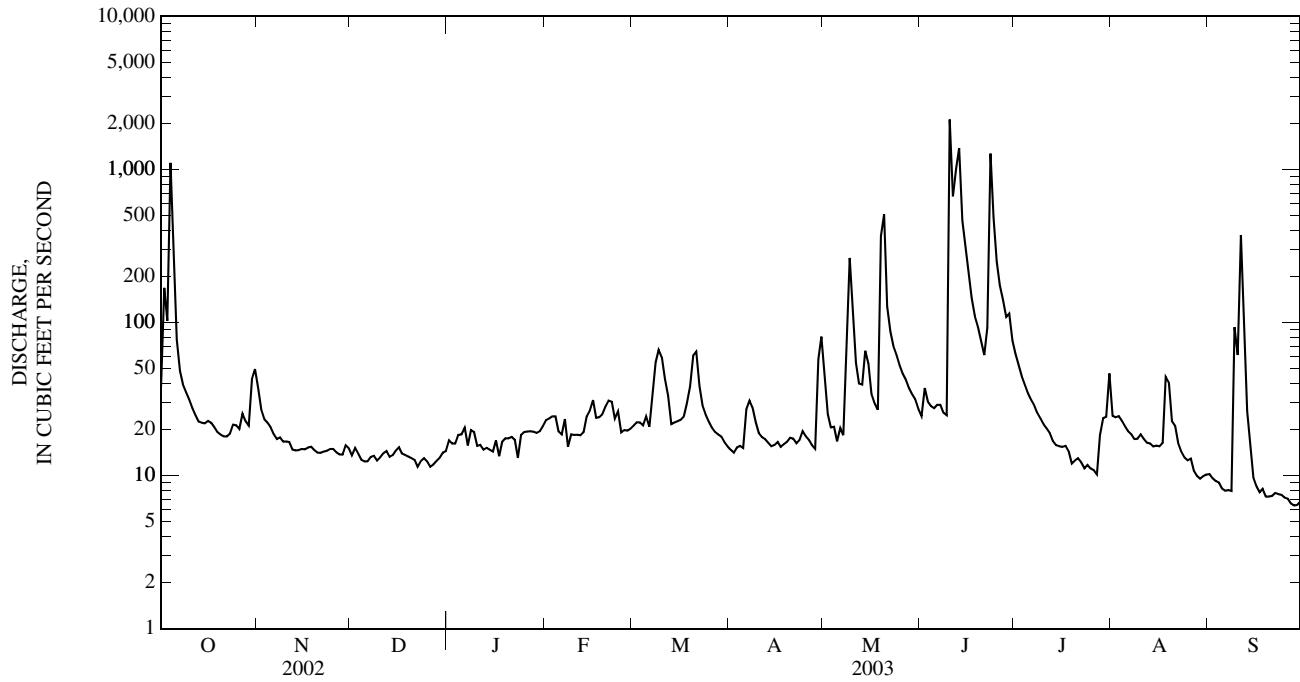
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	37	14	17	23	21	15	45	24	62	25	10
2	168	27	15	16	24	22	14	25	37	53	24	9.6
3	103	23	14	16	24	22	15	21	30	45	24	9.2
4	1,100	22	13	18	24	21	16	21	28	39	23	9.0
5	237	21	12	19	19	24	15	17	28	35	21	8.2
6	78	19	12	20	19	21	27	21	29	31	20	8.0
7	48	17	13	16	23	34	31	18	29	29	19	8.0
8	39	18	13	20	15	55	28	83	26	26	17	7.9
9	35	17	13	19	19	66	22	264	25	24	17	93
10	32	17	13	16	18	59	19	116	2,120	22	19	61
11	28	17	14	16	18	43	18	54	668	20	17	373
12	25	15	14	15	18	33	17	40	1,010	19	16	85
13	23	15	13	15	19	22	16	39	1,380	17	16	26
14	22	15	14	15	24	22	16	65	463	16	15	16
15	22	15	15	14	27	23	16	54	315	16	16	9.7
16	23	15	15	17	31	23	17	34	211	15	16	8.5
17	22	15	14	13	24	24	15	30	145	16	16	7.8
18	21	15	14	17	24	30	16	27	110	14	44	8.2
19	19	15	13	18	25	38	17	366	94	12	40	7.3
20	19	14	13	18	28	61	18	510	76	13	23	7.3
21	18	14	13	18	31	64	17	127	61	13	21	7.4
22	18	14	11	17	30	38	16	88	92	12	16	7.7
23	19	15	12	13	24	29	17	70	1,270	11	14	7.6
24	21	15	13	18	26	25	19	61	485	12	13	7.5
25	21	15	12	19	19	23	18	53	249	11	13	7.2
26	20	14	11	19	20	21	17	46	176	11	13	7.1
27	25	14	12	19	20	19	16	42	141	10	11	6.6
28	23	14	12	19	20	19	15	37	109	18	9.9	6.4
29	21	16	13	19	---	18	58	34	114	24	9.5	6.4
30	43	15	14	19	---	17	81	32	76	24	9.9	6.8
31	50	---	14	21	---	16	---	27	---	46	10	---
TOTAL	2,381	515	408	536	636	953	642	2,467	9,621	716	568.3	843.4
MEAN	76.8	17.2	13.2	17.3	22.7	30.7	21.4	79.6	321	23.1	18.3	28.1
MAX	1,100	37	15	21	31	66	81	510	2,120	62	44	373
MIN	18	14	11	13	15	16	14	17	24	10	9.5	6.4
AC-FT	4,720	1,020	809	1,060	1,260	1,890	1,270	4,890	19,080	1,420	1,130	1,670

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

	MEAN	33.3	58.2	32.1	26.4	49.6	68.3	96.7	290	172	71.3	35.3	27.0
MAX	83.8	172	97.1	49.5	194	202	272	689	321	220	90.6	55.8	
(WY)	(1999)	(1999)	(1998)	(1995)	(1998)	(1998)	(1998)	(1995)	(2003)	(1996)	(1996)	(1996)	
MIN	11.0	13.6	9.15	14.5	16.5	16.2	21.4	17.1	38.6	23.1	13.6	9.12	
(WY)	(1996)	(2001)	(2001)	(2001)	(1996)	(1996)	(2003)	(2000)	(2002)	(2003)	(2001)	(2000)	

06803080 SALT CREEK AT PIONEERS BOULEVARD AT LINCOLN, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	17,461.1		20,286.7		80.1	
ANNUAL MEAN	47.8		55.6		124	
HIGHEST ANNUAL MEAN					23.5	
LOWEST ANNUAL MEAN					3,380	
HIGHEST DAILY MEAN	1,560	May 28	2,120	Jun 10	3,380	May 9, 1996
LOWEST DAILY MEAN	6.4	Aug 18	6.4	Sep 28	3.6	Sep 13, 2001
ANNUAL SEVEN-DAY MINIMUM	7.7	Aug 14	6.9	Sep 24	4.8	Aug 31, 2001
MAXIMUM PEAK FLOW			2,650	Jun 10	6,360	Jul 20, 1996
MAXIMUM PEAK STAGE			15.00	Jun 10	22.92	Jul 20, 1996
ANNUAL RUNOFF (AC-FT)	34,630		40,240		58,020	
10 PERCENT EXCEEDS	67		72		150	
50 PERCENT EXCEEDS	19		19		26	
90 PERCENT EXCEEDS	11		12		11	



06803093 HAINES BRANCH AT SW 56th ST. AT LINCOLN, NE

LOCATION.--Lat 40° 45'59", long 96° 47'48", in SE 1/4 NE 1/4, sec.12, T.9 N., R.5 E., Lancaster County, Hydrologic Unit 10200203, on right upstream bank.

DRAINAGE AREA.--60 mi².

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,170 ft above sea level. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

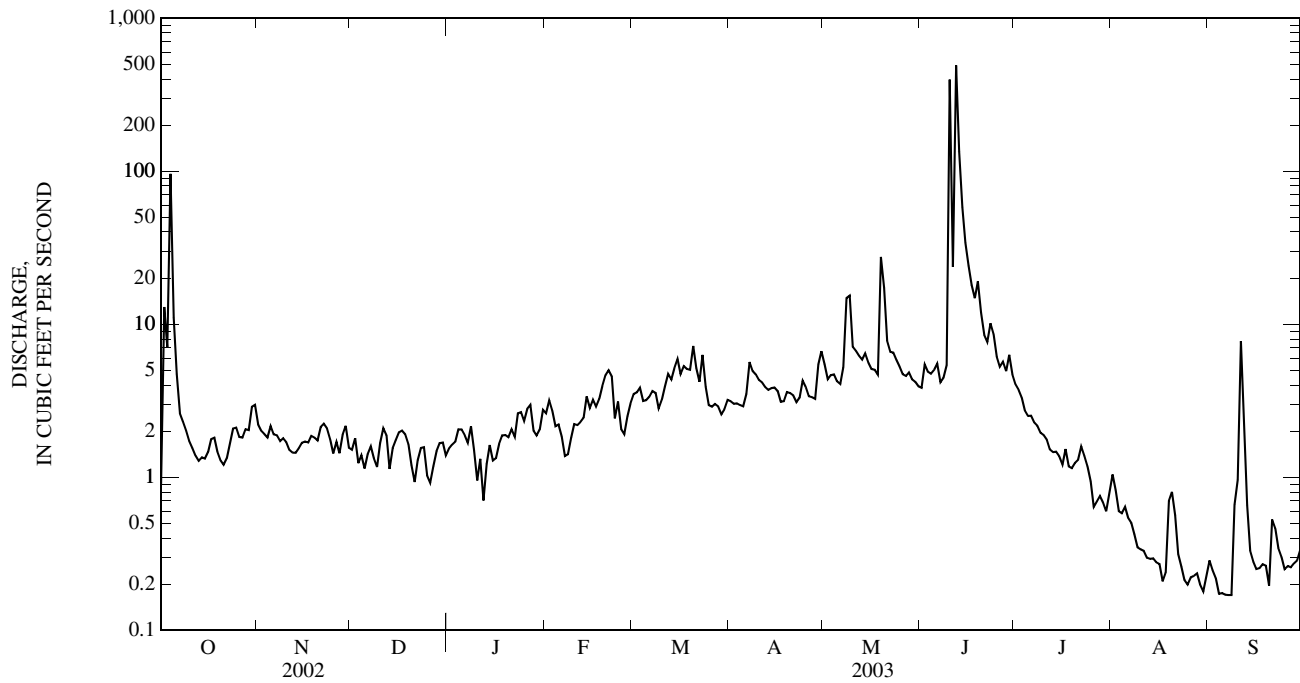
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.89	2.2	1.5	1.5	2.6	3.5	3.1	5.5	3.8	4.0	1.0	0.29
2	13	2.0	1.8	1.6	3.2	3.6	3.0	4.4	5.5	3.7	0.83	0.25
3	7.0	1.9	1.2	1.7	2.7	3.8	3.0	4.6	4.9	3.3	0.60	0.22
4	96	1.8	1.4	2.1	2.2	3.2	3.0	4.7	4.7	2.7	0.58	0.17
5	11	2.2	1.1	2.1	2.2	3.2	2.9	4.2	5.0	2.5	0.64	0.17
6	4.7	1.9	1.4	1.9	1.8	3.4	3.5	4.1	5.5	2.5	0.54	0.17
7	2.6	1.9	1.6	1.7	1.4	3.7	5.7	5.2	4.2	2.3	0.50	0.17
8	2.3	1.7	1.3	2.1	1.4	3.6	5.0	15	4.5	2.2	0.42	0.17
9	2.0	1.8	1.2	1.5	1.8	2.8	4.7	15	5.4	2.0	0.35	0.66
10	1.7	1.7	1.7	0.95	2.2	3.2	4.3	7.1	396	1.9	0.34	0.96
11	1.5	1.5	2.1	1.3	2.2	3.9	4.2	6.7	24	1.8	0.33	7.7
12	1.4	1.5	1.9	0.71	2.3	4.7	3.9	6.2	491	1.5	0.30	2.6
13	1.3	1.4	1.1	1.2	2.4	4.4	3.7	5.9	134	1.5	0.29	0.66
14	1.3	1.6	1.6	1.6	3.4	5.2	3.8	6.4	58	1.5	0.30	0.33
15	1.3	1.7	1.7	1.3	2.8	5.9	3.9	5.6	34	1.4	0.28	0.28
16	1.5	1.7	2.0	1.3	3.2	4.7	3.7	5.1	24	1.2	0.27	0.25
17	1.8	1.7	2.0	1.7	2.9	5.3	3.1	5.0	18	1.5	0.21	0.25
18	1.8	1.9	1.9	1.9	3.3	5.1	3.1	4.7	15	1.2	0.24	0.27
19	1.5	1.8	1.6	1.9	3.9	5.0	3.6	27	19	1.1	0.70	0.26
20	1.3	1.7	1.2	1.8	4.7	7.2	3.5	17	12	1.2	0.80	0.20
21	1.2	2.1	0.93	2.1	5.0	5.2	3.4	7.8	8.5	1.3	0.56	0.53
22	1.3	2.2	1.3	1.8	4.6	4.2	3.1	6.6	7.7	1.6	0.31	0.46
23	1.7	2.1	1.6	2.6	2.4	6.3	3.3	6.5	10	1.4	0.26	0.34
24	2.1	1.8	1.6	2.7	3.1	3.9	4.3	5.8	8.6	1.2	0.21	0.30
25	2.1	1.4	1.0	2.3	2.1	3.0	3.9	5.3	6.1	0.94	0.20	0.25
26	1.8	1.7	0.92	2.8	1.9	2.9	3.4	4.7	5.3	0.64	0.22	0.26
27	1.8	1.4	1.2	3.0	2.5	3.0	3.3	4.6	5.7	0.70	0.23	0.26
28	2.1	1.9	1.5	2.0	3.0	2.9	3.3	4.8	4.9	0.75	0.24	0.27
29	2.0	2.2	1.7	1.9	---	2.6	5.5	4.4	6.3	0.68	0.20	0.29
30	2.9	1.6	1.7	2.1	---	2.8	6.7	4.2	4.7	0.60	0.18	0.34
31	3.0	---	1.4	2.8	---	3.2	---	3.9	---	0.78	0.23	---
TOTAL	177.89	54.0	46.15	57.96	77.2	125.4	114.9	218.0	1,336.3	51.59	12.36	19.33
MEAN	5.74	1.80	1.49	1.87	2.76	4.05	3.83	7.03	44.5	1.66	0.40	0.64
MAX	96	2.2	2.1	3.0	5.0	7.2	6.7	27	491	4.0	1.0	7.7
MIN	0.89	1.4	0.92	0.71	1.4	2.6	2.9	3.9	3.8	0.60	0.18	0.17
AC-FT	353	107	92	115	153	249	228	432	2,650	102	25	38

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

	4.05	7.91	4.68	4.71	8.24	10.2	14.0	44.3	32.1	10.8	4.65	3.34
MEAN	12.2	34.8	10.9	9.65	25.6	31.9	37.4	139	74.0	17.2	19.2	9.46
(WY)	(1999)	(1999)	(1999)	(1999)	(1998)	(1998)	(1998)	(1995)	(1998)	(1998)	(1998)	(1996)
MIN	1.15	1.55	1.47	1.87	2.37	3.23	3.83	2.30	2.86	0.94	0.40	0.37
(WY)	(2001)	(2001)	(2001)	(2003)	(2001)	(1996)	(2003)	(2000)	(2002)	(2002)	(2003)	(2000)

06803093 HAINES BRANCH AT SW 56th ST. AT LINCOLN, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	1,414.70		2,291.08		12.4	
ANNUAL MEAN	3.88		6.28		22.2	
HIGHEST ANNUAL MEAN					3.99	
LOWEST ANNUAL MEAN					1998	
HIGHEST DAILY MEAN	194	May 28	491	Jun 12	786	May 8, 1995
LOWEST DAILY MEAN	0.24	Aug 3	0.17	Sep 4	0.04	Sep 19, 2000
ANNUAL SEVEN-DAY MINIMUM	0.28	Sep 5	0.19	Sep 2	0.09	Sep 7, 2000
MAXIMUM PEAK FLOW			1,480	Jun 10	1,970	Jun 14, 2001
MAXIMUM PEAK STAGE			10.95	Jun 10	12.89	Jun 14, 2001
ANNUAL RUNOFF (AC-FT)	2,810		4,540		9,000	
10 PERCENT EXCEEDS	5.3		6.0		23	
50 PERCENT EXCEEDS	2.2		2.1		4.4	
90 PERCENT EXCEEDS	0.46		0.31		1.3	



06803170 MIDDLE CREEK AT SW 40th ST. AT LINCOLN, NE

LOCATION.--Lat 40° 48'20", long 96° 46'39", in NW 1/4 SW 1/4, sec.29, T.10 N., R.6 E., Lancaster County, Hydrologic Unit 10200203, on right downstream side of bridge.

DRAINAGE AREA.--94 mi².

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,144.45 ft above sea level. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	0.99	1.1	1.2	3.0	e3.7	3.3	6.3	7.3	6.2	1.7	1.4
2	7.4	0.92	1.1	1.4	e2.8	e3.4	3.3	5.7	8.3	5.3	1.5	1.3
3	5.2	1.2	0.63	1.4	e1.9	e4.1	3.4	5.4	8.5	4.5	1.5	1.1
4	162	1.1	0.59	1.8	e0.93	e3.5	3.5	137	8.1	3.8	1.5	1.1
5	8.6	1.6	0.53	1.6	e1.0	e2.9	3.6	37	7.8	3.3	1.5	1.0
6	3.8	1.4	0.78	1.3	e0.87	e3.6	4.1	16	8.0	3.1	1.5	1.2
7	2.5	1.6	1.3	1.5	e0.88	e4.2	5.3	16	8.1	2.7	1.5	1.1
8	2.8	2.2	5.2	1.9	e1.1	e4.3	4.9	51	8.3	2.4	1.4	1.0
9	2.9	2.3	2.6	1.5	1.3	3.4	5.4	72	7.9	2.3	1.4	1.7
10	2.9	2.0	0.61	0.76	1.1	4.0	4.7	29	565	2.2	1.4	2.1
11	2.8	1.0	1.2	0.71	1.4	6.4	4.5	26	78	2.0	1.3	8.9
12	2.5	1.3	1.1	0.83	3.7	7.3	4.3	21	820	2.1	1.4	3.0
13	1.9	1.5	0.86	e0.64	5.8	7.6	4.4	19	165	2.5	1.2	1.1
14	1.9	2.0	0.89	e0.66	e6.7	7.6	4.4	18	80	2.4	1.2	0.84
15	1.7	1.9	1.1	e0.64	e5.9	7.8	4.4	e16	52	2.1	1.2	0.79
16	1.6	1.7	1.5	e0.66	5.2	7.3	4.5	14	38	2.0	1.1	0.78
17	1.8	1.5	1.9	e0.75	4.3	8.2	4.7	13	30	2.0	0.99	0.85
18	2.0	1.8	1.7	e0.76	5.4	8.6	4.6	11	25	1.9	1.1	0.85
19	1.6	1.4	1.3	e0.97	7.9	9.6	4.6	42	25	1.9	1.5	0.84
20	1.6	1.9	1.0	e1.2	8.1	14	4.7	41	22	1.9	1.6	0.87
21	1.6	1.6	0.56	e1.2	7.9	12	4.7	29	19	2.4	1.3	0.97
22	1.2	1.1	0.51	e0.94	5.3	9.7	4.6	24	16	2.3	1.1	0.91
23	0.76	1.3	0.53	e1.2	3.4	8.7	4.7	21	16	2.1	1.2	0.96
24	0.74	0.81	0.56	e1.3	3.7	8.8	5.3	18	14	2.1	1.2	0.99
25	1.1	0.46	0.69	e1.1	e3.9	6.6	5.2	15	13	1.8	1.1	0.89
26	1.6	0.46	e0.77	e1.1	e3.2	3.2	4.9	13	11	1.7	1.2	0.97
27	2.1	0.44	e1.0	e1.2	e3.7	3.1	4.8	11	8.3	1.7	1.2	1.0
28	2.6	0.52	e1.4	e1.3	e4.0	3.6	4.8	10	7.7	1.8	1.4	1.00
29	2.5	1.3	1.5	1.6	---	3.5	7.8	9.3	8.4	1.7	1.2	0.96
30	3.2	0.65	1.5	2.2	---	3.1	8.1	8.4	7.8	1.6	1.1	1.1
31	1.7	---	1.1	3.0	---	3.0	---	8.1	---	1.8	1.3	---
TOTAL	240.30	39.95	37.11	38.32	104.38	186.8	141.5	763.2	2,093.5	77.6	40.79	41.57
MEAN	7.75	1.33	1.20	1.24	3.73	6.03	4.72	24.6	69.8	2.50	1.32	1.39
MAX	162	2.3	5.2	3.0	8.1	14	8.1	137	820	6.2	1.7	8.9
MIN	0.74	0.44	0.51	0.64	0.87	2.9	3.3	5.4	7.3	1.6	0.99	0.78
AC-FT	477	79	74	76	207	371	281	1,510	4,150	154	81	82

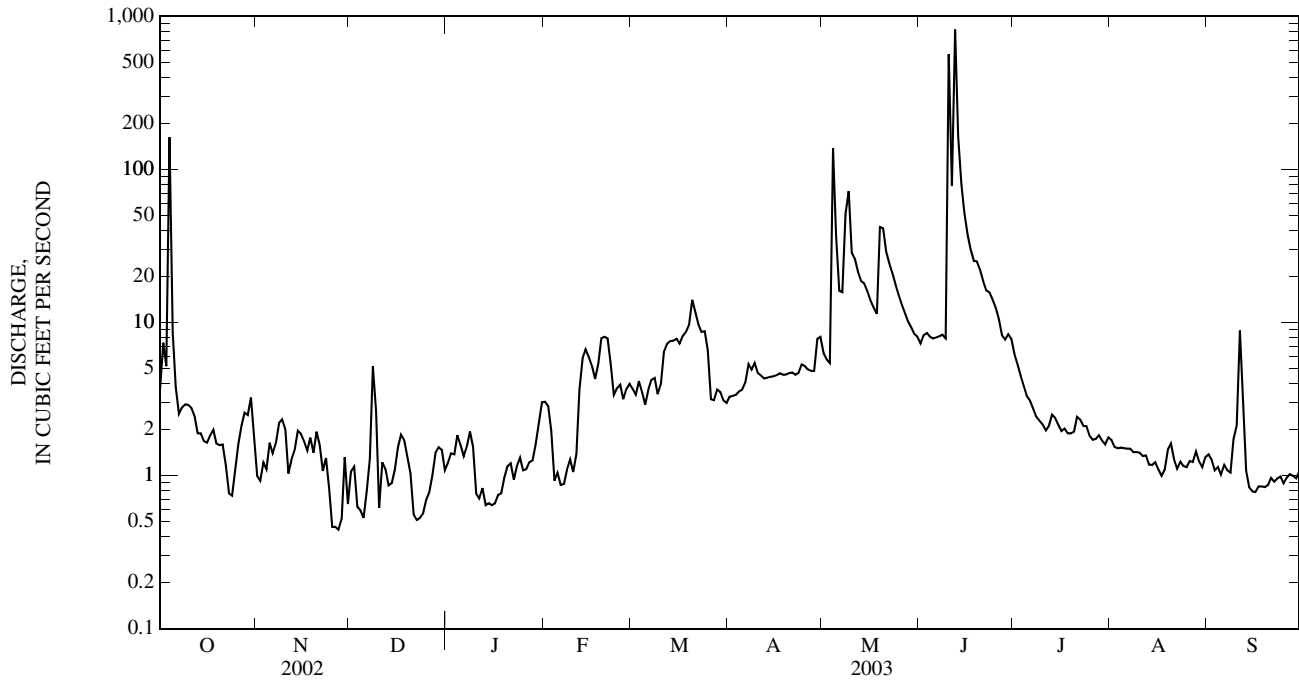
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

	MEAN	6.96	7.32	6.23	6.02	8.19	10.8	13.6	56.3	53.5	15.2	7.97	6.76
MAX	13.0	17.7	19.8	9.86	14.3	23.1	37.4	136	151	56.7	18.3	16.4	
(WY)	(1997)	(1999)	(1998)	(2000)	(1998)	(1998)	(1998)	(1995)	(1998)	(1999)	(2002)	(1996)	
MIN	2.60	1.33	1.20	1.24	3.25	3.19	1.98	4.50	2.82	1.61	1.32	1.39	
(WY)	(2001)	(2003)	(2003)	(2003)	(2002)	(2002)	(1996)	(2000)	(2002)	(2002)	(2003)	(2003)	

06803170 MIDDLE CREEK AT SW 40th ST. AT LINCOLN, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	1,758.46		3,805.02		16.6	
ANNUAL MEAN	4.82		10.4		32.6	
HIGHEST ANNUAL MEAN					4.92	
LOWEST ANNUAL MEAN					1,840	
HIGHEST DAILY MEAN	477	Aug 22	820	Jun 12	1,840	Jun 14, 1998
LOWEST DAILY MEAN	0.44	Nov 27	0.44	Nov 27	0.44	Nov 27, 2002
ANNUAL SEVEN-DAY MINIMUM	0.66	Dec 20	0.66	Dec 20	0.66	Dec 20, 2002
MAXIMUM PEAK FLOW			2,070	Jun 12	4,030	Jun 14, 1998
MAXIMUM PEAK STAGE			11.85	Jun 12	16.25	Jun 14, 1998
ANNUAL RUNOFF (AC-FT)	3,490		7,550		12,020	
10 PERCENT EXCEEDS	4.3		14		28	
50 PERCENT EXCEEDS	2.7		2.1		5.5	
90 PERCENT EXCEEDS	1.1		0.87		2.1	

e Estimated.



06803486 OAK CREEK AT AIR PARK ROAD AT LINCOLN, NE

LOCATION.--Lat 40° 51' 20", long 96° 46' 46", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 7, T. 10 N., R. 6 E., Lancaster County, Hydrologic Unit 10200203, on left bank at downstream of bridge on Air Park Road immediately west of NW 42nd Street in West Lincoln Industrial Park.

DRAINAGE AREA.--240 mi².

PERIOD OF RECORD.--October 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,142.86 ft above sea level. Nebraska Department of Natural Resources operated gage May 1987 to March 25, 1999 at present site and March 26, 1999 to March 14, 2000 at temporary site 1.0 mi downstream, both at same datum. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 8,730 ft³/s, July 24, 1993, gage height 22.66 ft; minimum daily discharge, 2.6 ft³/s July 24, 1990, during period of gage operation by Nebraska Department of Natural Resources.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.0	10	14	15	19	15	12	21	8.7	8.3	11	5.2
2	22	11	14	16	19	16	12	17	12	7.9	8.1	4.5
3	16	11	13	15	19	16	12	15	11	7.5	6.3	4.3
4	232	9.2	13	14	20	16	14	193	11	6.3	6.1	4.7
5	56	9.9	12	15	16	e17	13	111	9.5	6.3	8.8	4.5
6	16	10	13	16	15	e19	16	32	14	6.5	10	4.3
7	7.7	11	13	14	20	17	18	23	14	6.5	11	4.4
8	6.8	9.9	13	15	16	16	18	91	13	7.0	9.5	3.9
9	6.3	10	13	16	14	15	17	148	15	6.6	8.2	6.6
10	7.9	11	11	13	15	15	17	34	151	6.2	7.2	10
11	6.8	9.9	11	18	18	14	16	25	52	6.6	7.3	30
12	6.0	9.6	11	16	20	16	15	22	181	6.2	7.6	19
13	5.8	10	11	15	18	16	14	20	41	5.6	6.2	15
14	6.2	13	10	16	21	16	13	22	17	5.6	6.1	9.7
15	6.5	15	10	15	20	16	13	17	13	5.3	7.0	6.9
16	7.5	15	11	e15	e21	18	13	15	11	5.5	7.9	5.3
17	7.3	15	11	e18	24	18	12	15	11	6.5	5.7	5.5
18	7.4	15	10	e19	18	17	13	14	38	5.6	5.3	5.1
19	7.1	15	11	e18	19	19	13	33	149	4.7	7.7	4.9
20	6.6	15	9.4	e15	20	22	12	20	19	4.8	7.7	5.6
21	6.6	14	9.2	e16	21	20	12	16	11	6.4	9.6	5.8
22	7.0	15	11	e18	e20	17	12	14	11	7.8	7.0	6.1
23	7.7	14	11	e15	e16	15	12	14	86	7.9	6.8	6.2
24	9.3	14	10	e17	e17	15	13	13	11	9.5	6.5	5.9
25	9.9	14	11	e18	e17	15	14	12	9.3	7.1	6.1	5.0
26	9.0	15	11	e18	e17	13	14	12	9.2	7.3	5.5	4.7
27	10	14	13	e16	e17	12	13	10	9.3	6.4	6.0	3.5
28	11	14	15	e17	e16	12	12	9.6	9.7	6.9	5.5	3.7
29	11	16	16	e21	---	12	20	9.0	8.7	7.1	6.0	3.5
30	15	13	15	e23	---	12	24	9.1	8.4	6.1	5.5	3.6
31	12	---	16	23	---	11	---	7.6	---	11	5.9	---
TOTAL	553.4	378.5	372.6	516	513	488	429	1,014.3	964.8	209.0	225.1	207.4
MEAN	17.9	12.6	12.0	16.6	18.3	15.7	14.3	32.7	32.2	6.74	7.26	6.91
MAX	232	16	16	23	24	22	24	193	181	11	11	30
MIN	5.8	9.2	9.2	13	14	11	12	7.6	8.4	4.7	5.3	3.5
AC-FT	1,100	751	739	1,020	1,020	968	851	2,010	1,910	415	446	411

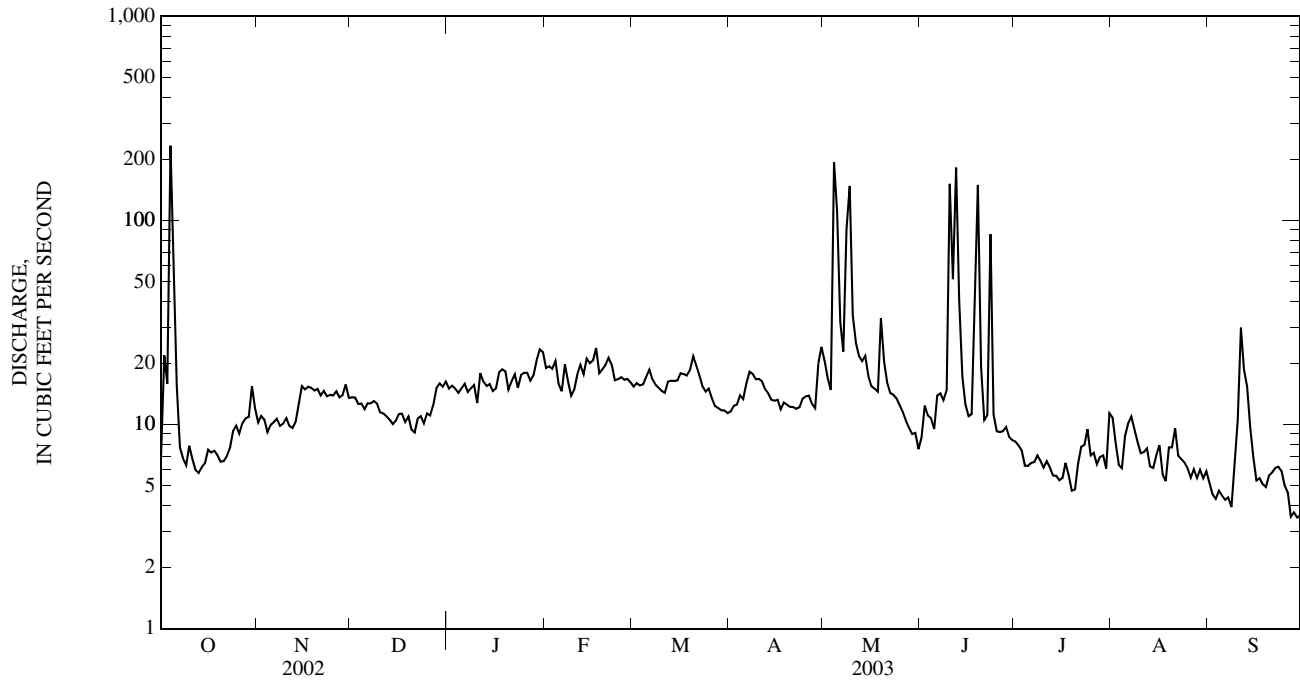
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2003, BY WATER YEAR (WY)

	2000	2001	2002	2003
MEAN	30.3	41.2	24.5	24.6
MAX	48.3	71.6	47.5	43.1
(WY)	(2000)	(2001)	(2002)	(2003)
MIN	10.7	12.6	11.6	15.7
(WY)	(2001)	(2003)	(2001)	(2002)
MEAN	28.8	25.0	21.0	42.0
MAX	59.8	45.1	29.9	83.0
(WY)	(2001)	(2001)	(2001)	(2001)
MIN	15.5	15.7	14.3	23.0
(WY)	(2002)	(2003)	(2003)	(2000)
MEAN	16.4	22.1	8.99	13.8
MAX	26.5	54.9	13.8	6.91
(WY)	(2000)	(2002)	(2001)	(2003)
MIN	6.74	7.26	6.91	3.5
(WY)	(2003)	(2003)	(2003)	(2003)

06803486 OAK CREEK AT AIR PARK ROAD AT LINCOLN, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2000 - 2003	
ANNUAL TOTAL	6,801.4		5,871.1		28.0	
ANNUAL MEAN	18.6		16.1		16.1	
HIGHEST ANNUAL MEAN					37.4	
LOWEST ANNUAL MEAN					16.1	
HIGHEST DAILY MEAN	1,000	Aug 22	232	Oct 4	1,000	Aug 22, 2002
LOWEST DAILY MEAN	5.0	Aug 3	3.5	Sep 27	3.3	Oct 1, 2000
ANNUAL SEVEN-DAY MINIMUM	5.7	Aug 1	4.3	Sep 24	4.3	Sep 24, 2003
MAXIMUM PEAK FLOW			669	May 4	1,870	Jun 14, 2001
MAXIMUM PEAK STAGE			5.20	May 4	9.21	Jun 14, 2001
ANNUAL RUNOFF (AC-FT)	13,490		11,650		20,280	
10 PERCENT EXCEEDS	21		20		63	
50 PERCENT EXCEEDS	14		13		17	
90 PERCENT EXCEEDS	6.8		6.0		7.2	

e Estimated.



06803500 SALT CREEK AT LINCOLN, NE

LOCATION.--Lat 40° 50'49", long 96° 40'54", in NW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.7, T.10 N., R.7 E., Lancaster County, Hydrologic Unit 10200203 on right bank 135 ft downstream from bridge on North 27th Street at north edge of Lincoln, 1 mi downstream from Oak Creek and at mile 31.0.

DRAINAGE AREA.--685 mi².

PERIOD OF RECORD.--October 1949 to current year.

REVISED RECORDS.--WDR NE-94-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,113.90 ft above sea level. Prior to July 27, 1979, water-stage recorder for stages above 6.2 ft on downstream side of bridge pier, 135 ft upstream at same datum, and nonrecording gage read twice daily. Data collection platform at station.

REMARKS.--Records good. Flood flow affected by several detention dams.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

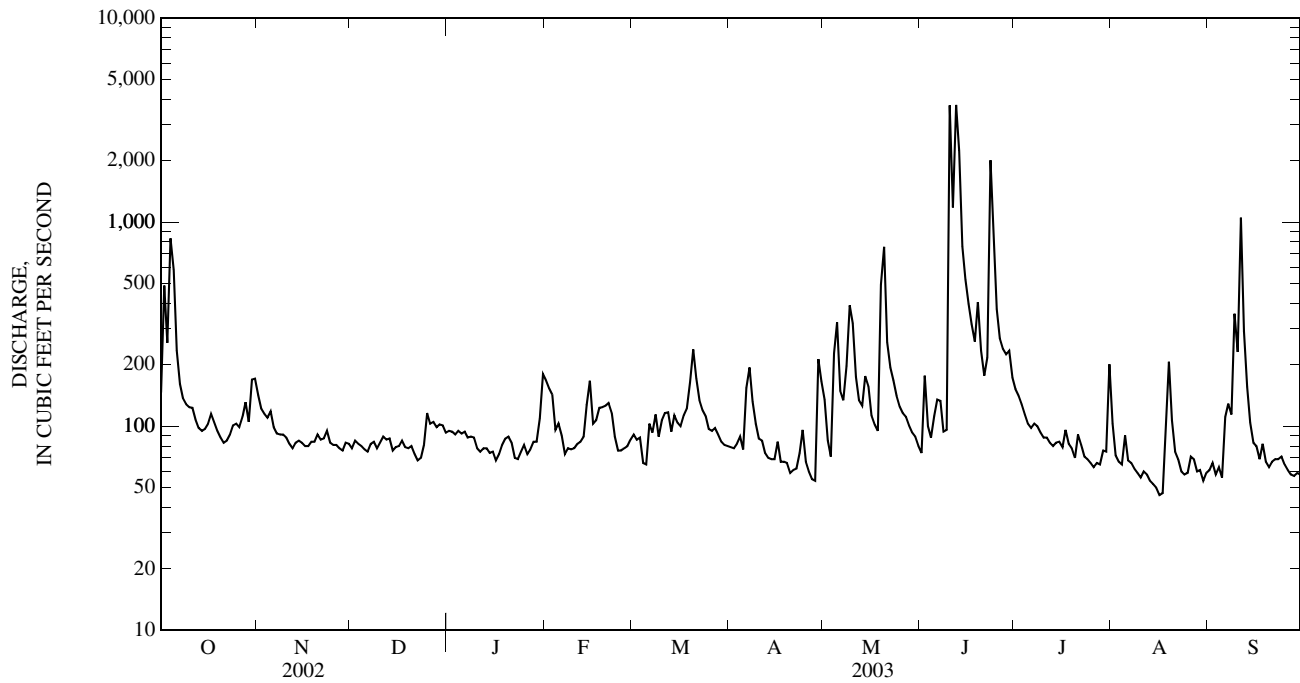
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	146	142	78	95	168	91	79	135	74	152	103	61
2	489	122	85	94	153	86	78	85	177	141	72	66
3	256	115	82	91	143	88	82	71	100	128	67	58
4	832	110	80	95	96	66	89	228	88	114	65	63
5	583	118	77	92	103	65	77	323	112	103	90	56
6	235	99	75	94	90	103	154	149	135	98	68	111
7	161	92	82	88	73	93	194	134	133	103	66	129
8	137	91	84	89	78	114	132	197	94	100	62	114
9	128	91	78	88	77	89	103	391	96	93	59	356
10	124	88	83	78	78	107	87	319	3,730	88	56	231
11	123	82	89	75	82	116	85	174	1,180	88	60	1,050
12	108	78	86	78	84	117	74	134	3,750	83	58	293
13	98	83	87	78	89	94	70	126	2,240	80	54	156
14	95	85	76	74	127	113	69	176	761	83	52	104
15	97	83	79	75	167	104	69	157	525	84	50	83
16	103	80	80	68	103	100	84	113	397	79	46	80
17	115	80	85	73	107	113	67	102	316	96	47	69
18	104	84	79	81	123	122	67	95	260	82	89	82
19	95	84	78	87	124	164	66	494	406	78	207	67
20	88	91	80	89	126	238	59	756	234	70	107	63
21	83	86	73	83	130	172	61	258	177	91	75	67
22	85	87	68	70	116	134	62	194	217	81	69	69
23	91	95	70	69	89	120	74	168	2,010	71	60	69
24	101	83	81	75	76	112	96	141	756	69	58	71
25	103	81	116	81	76	97	67	125	375	66	59	65
26	99	81	103	73	78	95	60	116	270	63	71	61
27	111	78	105	77	80	98	55	111	239	66	69	58
28	131	76	99	84	86	91	54	101	225	65	60	57
29	105	83	102	84	---	84	213	93	234	76	61	59
30	169	82	101	109	---	81	166	89	173	75	54	58
31	171	---	93	180	---	80	---	80	---	201	59	---
TOTAL	5,366	2,730	2,634	2,667	2,922	3,347	2,693	5,835	19,484	2,867	2,173	3,926
MEAN	173	91.0	85.0	86.0	104	108	89.8	188	649	92.5	70.1	131
MAX	832	142	116	180	168	238	213	756	3,750	201	207	1,050
MIN	83	76	68	68	73	65	54	71	74	63	46	56
AC-FT	10,640	5,410	5,220	5,290	5,800	6,640	5,340	11,570	38,650	5,690	4,310	7,790

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2003, BY WATER YEAR (WY)

MEAN	171	117	96.8	105	169	324	275	404	499	330	183	172
MAX	1,621	442	349	350	577	1,972	1,383	1,693	3,061	3,205	704	1,075
(WY)	(1974)	(1999)	(1987)	(1974)	(1958)	(1987)	(1987)	(1996)	(1951)	(1993)	(1987)	(1989)
MIN	35.2	36.3	30.6	33.6	39.9	45.5	52.6	49.9	58.8	48.8	44.6	47.0
(WY)	(1956)	(1956)	(1957)	(1957)	(1957)	(1957)	(1956)	(1955)	(1958)	(1955)	(1955)	(1953)

06803500 SALT CREEK AT LINCOLN, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1950 - 2003	
ANNUAL TOTAL	45,450		56,644		237	
ANNUAL MEAN	125		155		721	
HIGHEST ANNUAL MEAN					81.4	
LOWEST ANNUAL MEAN					22,100	
HIGHEST DAILY MEAN	1,790	May 28	3,750	Jun 12	22,100	Jun 2, 1951
LOWEST DAILY MEAN	29	Jul 6	46	Aug 16	21	Jul 10, 1977
ANNUAL SEVEN-DAY MINIMUM	42	Jun 30	52	Aug 11	26	May 19, 1956
MAXIMUM PEAK FLOW			6,000	Jun 10	28,400	Jul 24, 1993
MAXIMUM PEAK STAGE			11.25	Jun 10	26.52	Jul 24, 1993
ANNUAL RUNOFF (AC-FT)	90,150		112,400		171,900	
10 PERCENT EXCEEDS	169		215		391	
50 PERCENT EXCEEDS	86		89		98	
90 PERCENT EXCEEDS	60		65		52	



06803510 LITTLE SALT CREEK NEAR LINCOLN, NE

LOCATION.--Lat 40° 53'36", long 096° 40'52", in NW 1/4 SW 1/4 sec.30, T.11 N., R.7 E., Lancaster County, Hydrologic Unit 10200203, on left bank 10 ft downstream from county road bridge, 0.4 mi north of intersection of Interstate Highway 80 and North 27th Street north of Lincoln, and at mile 1.6.

DRAINAGE AREA.--43.6 mi².

PERIOD OF RECORD.--January 1969 to current year.

REVISED RECORDS.--WDR NE-77-1: 1969-73 (M).

GAGE.--Water-stage recorder. Datum of gage is 1,114.73 ft above sea level. Prior to Oct. 10, 1980, water-stage recorder at present site and datum 3.00 ft higher. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.1	3.9	3.0	4.0	5.4	e2.8	4.7	11	2.3	1.7	3.3	6.9
2	19	3.3	4.0	4.1	e4.8	e2.8	4.9	8.3	4.4	1.4	2.9	5.9
3	12	3.3	2.9	4.6	e4.3	e2.9	4.8	7.0	4.9	1.4	2.5	4.3
4	134	3.2	2.7	5.1	e3.5	e2.7	6.1	68	3.8	1.2	2.1	2.7
5	16	3.6	2.5	5.4	e3.3	e3.0	6.4	34	4.0	1.2	2.9	1.5
6	7.5	2.8	2.6	4.7	e3.2	e3.5	7.0	17	8.4	1.4	3.5	1.2
7	4.5	2.5	3.2	4.5	e3.1	4.2	13	20	6.6	1.3	3.1	0.99
8	4.1	2.7	3.3	5.3	e2.9	3.8	15	72	10	1.0	3.0	0.95
9	3.6	2.8	2.9	5.1	e3.2	4.0	16	72	6.4	1.1	2.7	3.3
10	3.2	2.6	3.3	3.6	3.3	3.0	11	21	52	1.6	2.8	4.1
11	3.4	1.9	4.0	3.6	3.3	4.3	8.0	17	10	1.0	2.6	31
12	2.7	2.0	4.0	3.0	3.6	5.8	6.8	11	77	0.81	2.8	8.0
13	2.6	2.0	3.4	e3.1	3.7	4.7	5.9	9.4	36	0.81	2.7	1.6
14	2.7	3.1	3.7	e3.1	e4.9	5.5	5.7	26	12	0.78	2.7	0.78
15	2.8	3.2	4.0	e3.0	e6.0	7.5	5.3	9.9	7.2	0.88	2.6	0.71
16	3.5	2.8	4.1	e3.0	e5.0	8.2	5.0	7.6	5.9	0.82	2.4	0.76
17	3.7	2.8	5.0	e3.2	4.2	7.6	4.6	7.6	5.8	1.8	2.1	0.73
18	3.0	3.0	5.5	e3.2	e4.8	7.7	5.1	5.4	22	1.5	2.2	0.85
19	2.6	2.8	4.1	e3.3	e5.5	8.0	6.0	19	41	1.2	3.3	0.95
20	2.5	3.0	3.6	e3.2	e7.4	16	5.6	14	8.1	1.2	4.0	1.2
21	2.2	3.2	3.7	e2.9	e5.4	11	5.2	7.2	7.0	1.1	4.5	2.1
22	2.6	3.0	3.2	e2.9	e4.4	7.9	4.8	5.3	5.8	1.2	4.1	3.0
23	3.1	3.4	2.8	e3.2	e3.7	7.0	5.6	5.9	118	1.4	5.1	3.6
24	3.7	3.0	3.0	e3.0	e2.5	5.5	7.7	5.5	13	1.3	5.1	3.9
25	4.0	2.5	3.0	e2.6	e2.4	5.0	7.0	5.1	6.0	1.5	5.3	3.3
26	3.7	2.5	2.8	e3.0	e2.6	5.2	5.9	4.1	5.2	1.6	6.3	3.4
27	3.5	2.7	3.6	e2.8	e2.6	5.5	6.1	3.8	3.1	1.8	6.9	3.2
28	4.5	2.8	4.0	e2.8	e2.6	5.2	5.8	2.9	3.7	2.0	7.3	3.3
29	3.9	3.6	4.5	3.2	---	4.4	15	2.7	3.1	1.9	6.8	3.1
30	6.5	3.2	4.6	3.7	---	4.2	18	2.5	2.2	2.3	5.7	2.4
31	5.7	---	4.1	5.7	---	4.4	---	2.2	---	2.6	7.1	---
TOTAL	280.9	87.2	111.1	113.9	111.6	173.3	228.0	504.4	494.9	42.80	120.4	109.72
MEAN	9.06	2.91	3.58	3.67	3.99	5.59	7.60	16.3	16.5	1.38	3.88	3.66
MAX	134	3.9	5.5	5.7	7.4	16	18	72	118	2.6	7.3	31
MIN	2.2	1.9	2.5	2.6	2.4	2.7	4.6	2.2	2.2	0.78	2.1	0.71
AC-FT	557	173	220	226	221	344	452	1,000	982	85	239	218

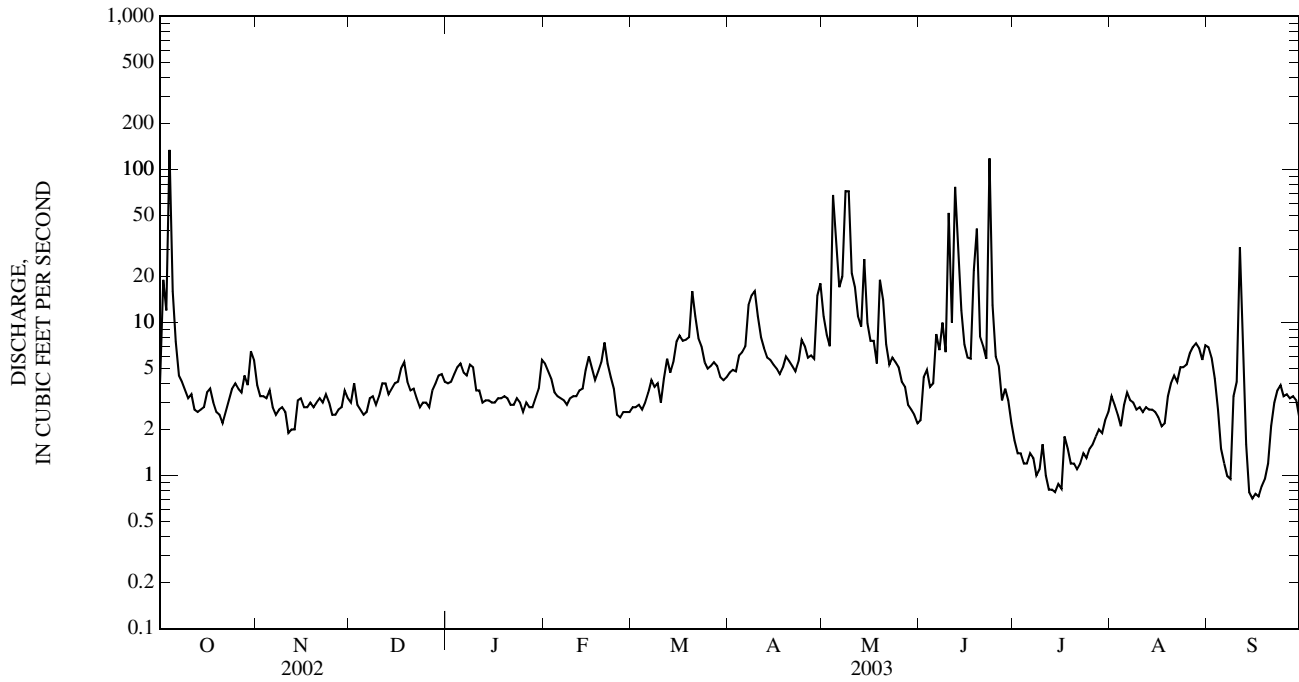
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2003, BY WATER YEAR (WY)

MEAN	9.84	7.41	6.35	6.98	11.5	24.0	16.3	22.7	23.7	24.8	11.8	9.58
MAX	87.5	20.5	16.8	25.3	42.3	134	68.6	85.3	180	379	110	87.2
(WY)	(1987)	(1973)	(1987)	(1973)	(1971)	(1979)	(1987)	(1996)	(1984)	(1993)	(1987)	(1989)
MIN	2.13	2.32	1.69	2.28	3.10	3.57	3.86	3.54	2.31	1.09	1.74	0.96
(WY)	(1977)	(1977)	(1977)	(1977)	(1972)	(1972)	(1970)	(1989)	(2002)	(2002)	(1976)	(1971)

06803510 LITTLE SALT CREEK NEAR LINCOLN, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1969 - 2003	
ANNUAL TOTAL	2,767.39		2,378.22		14.7	
ANNUAL MEAN	7.58		6.52		51.7	
HIGHEST ANNUAL MEAN					3.59	
LOWEST ANNUAL MEAN					1970	
HIGHEST DAILY MEAN	547	Aug 22	134	Oct 4	5,020	Jul 24, 1993
LOWEST DAILY MEAN	0.30	Jul 4	0.71	Sep 15	0.20	Sep 29, 1969
ANNUAL SEVEN-DAY MINIMUM	0.33	Jun 29	0.85	Sep 14	0.28	Sep 28, 1969
MAXIMUM PEAK FLOW			358	Oct 4	8,480	Jul 24, 1993
MAXIMUM PEAK STAGE			5.98	Oct 4	20.58	Jul 24, 1993
ANNUAL RUNOFF (AC-FT)	5,490		4,720		10,630	
10 PERCENT EXCEEDS	9.5		9.9		18	
50 PERCENT EXCEEDS	3.9		3.6		5.6	
90 PERCENT EXCEEDS	0.88		1.7		2.3	

e Estimated.



06803513 SALT CREEK AT 70th STREET AT LINCOLN, NE

LOCATION.--Lat 40° 53' 10", long 96° 37' 26", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 27, T.11 N., R.7 W., Lancaster County, Hydrologic Unit 10200203, on left bank downstream from bridge.

DRAINAGE AREA.--753 mi².

PERIOD OF RECORD.--August 1994 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,095.85 ft above sea level. Data collection platform at station.

REMARKS.--Records good.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

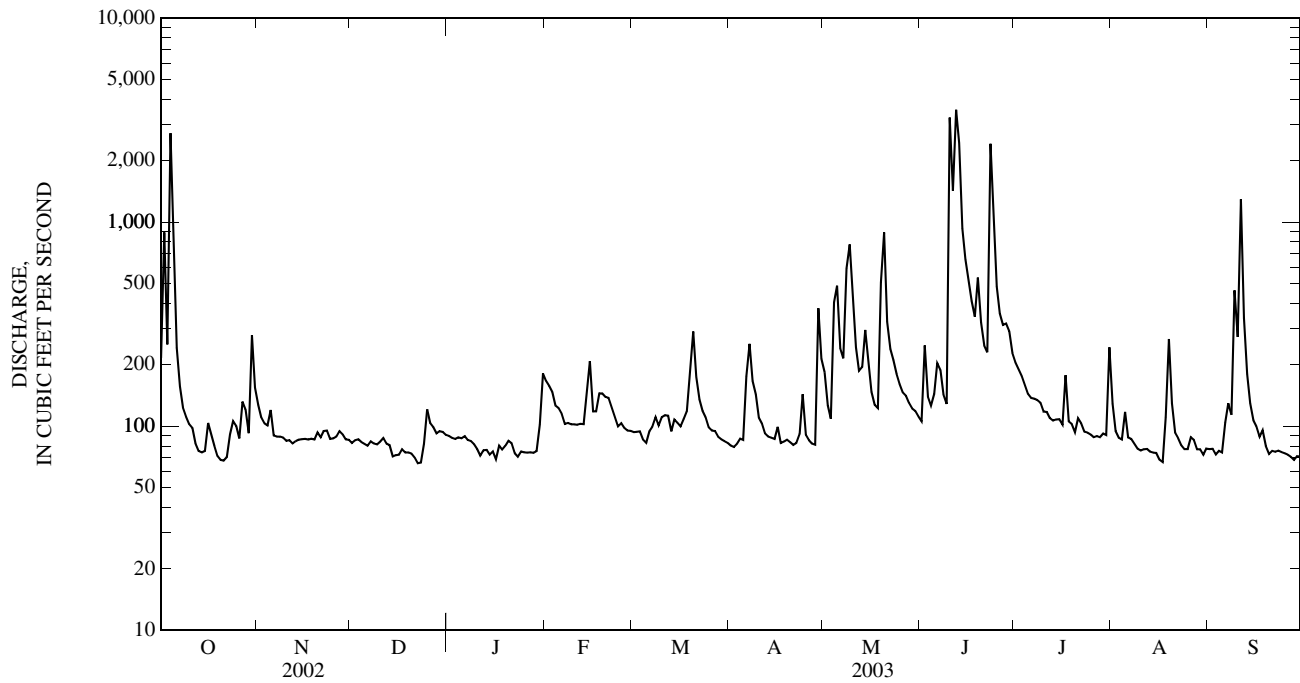
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	216	127	83	90	167	94	80	184	106	205	129	77
2	889	110	85	88	158	94	79	127	249	190	95	78
3	251	103	86	87	147	94	82	109	139	177	88	73
4	2,720	101	84	88	126	86	87	404	126	159	86	76
5	643	120	82	87	123	83	86	488	144	144	117	74
6	242	90	80	89	115	95	176	241	204	138	88	104
7	157	89	84	86	103	100	253	215	189	136	87	130
8	123	89	82	85	104	111	167	593	143	134	82	114
9	111	88	81	82	102	101	144	777	129	130	78	463
10	102	85	84	77	102	111	110	411	3,260	118	76	274
11	98	85	88	72	102	113	103	244	1,420	117	77	1,290
12	82	82	82	76	103	113	92	187	3,560	110	77	339
13	76	84	81	77	102	94	89	195	2,440	106	75	180
14	74	86	71	73	146	108	88	297	931	108	74	129
15	76	86	72	75	208	104	87	203	659	108	74	107
16	104	87	73	69	118	100	99	148	516	102	69	100
17	92	86	77	80	118	109	83	127	411	178	67	89
18	80	87	74	77	145	118	84	123	344	106	111	95
19	72	86	74	80	145	183	86	507	535	103	267	80
20	68	93	74	85	139	291	84	891	322	94	129	73
21	68	88	70	83	138	174	81	325	248	110	93	76
22	71	95	66	74	123	135	83	239	230	103	87	75
23	91	95	66	71	111	119	92	211	2,420	94	81	76
24	106	87	82	75	100	110	144	181	978	93	77	75
25	100	87	121	74	103	99	91	161	484	91	77	74
26	87	89	104	74	98	95	85	146	357	88	88	73
27	132	95	99	74	95	95	82	141	314	89	86	71
28	121	91	92	74	95	89	81	130	318	88	77	68
29	92	86	95	76	---	86	378	122	293	92	77	71
30	279	86	94	102	---	85	214	119	228	91	72	71
31	154	---	91	181	---	83	---	111	---	243	78	---
TOTAL	7,577	2,763	2,577	2,581	3,436	3,472	3,490	8,357	21,697	3,845	2,839	4,675
MEAN	244	92.1	83.1	83.3	123	112	116	270	723	124	91.6	156
MAX	2,720	127	121	181	208	291	378	891	3,560	243	267	1,290
MIN	68	82	66	69	95	83	79	109	106	88	67	68
AC-FT	15,030	5,480	5,110	5,120	6,820	6,890	6,920	16,580	43,040	7,630	5,630	9,270

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 2003, BY WATER YEAR (WY)

MEAN	158	203	131	129	174	207	281	742	601	283	190	153
MAX	307	471	220	162	327	455	621	1,644	1,199	628	367	279
(WY)	(1999)	(1999)	(1998)	(1998)	(1998)	(1998)	(1998)	(1995)	(1998)	(1999)	(1996)	(1996)
MIN	96.4	92.1	71.1	83.3	97.7	104	116	122	136	95.9	91.6	82.1
(WY)	(1996)	(2003)	(2001)	(2003)	(2001)	(2002)	(2003)	(2000)	(2002)	(2002)	(2003)	(2000)

06803513 SALT CREEK AT 70th STREET AT LINCOLN, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1994 - 2003	
ANNUAL TOTAL	61,086		67,309		271	
ANNUAL MEAN	167		184		400	
HIGHEST ANNUAL MEAN					137	
LOWEST ANNUAL MEAN					10,200	
HIGHEST DAILY MEAN	3,950	Aug 22	3,560	Jun 12	15,800	Jun 14, 1998
LOWEST DAILY MEAN	46	Aug 3	66	Dec 22	46	Aug 3, 2002
ANNUAL SEVEN-DAY MINIMUM	51	Aug 6	72	Dec 17	51	Aug 6, 2002
MAXIMUM PEAK FLOW			5,360	Jun 12	15,800	Jun 14, 1998
MAXIMUM PEAK STAGE			13.72	Jun 12	23.65	Jun 14, 1998
ANNUAL RUNOFF (AC-FT)	121,200		133,500		196,400	
10 PERCENT EXCEEDS	242		276		469	
50 PERCENT EXCEEDS	98		95		145	
90 PERCENT EXCEEDS	70		74		85	



06803520 STEVENS CREEK NEAR LINCOLN, NE

LOCATION.--Lat 40° 51' 25", long 096° 35' 42", in NW 1/4 NE 1/4 sec. 11, T. 10 N., R. 7 E., Lancaster County, Hydrologic Unit 10200203, on left bank 10 ft upstream, 20 ft west from county road bridge on Havelock Avenue, 1.6 mi east of 70th Street at east edge of Lincoln, and at mile 3.2.

DRAINAGE AREA.--47.8 mi².

PERIOD OF RECORD.--October 1968 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,123.57 ft above sea level. Oct. 1968 to Aug. 14, 1997 at present site and datum 2.0 ft higher. Data collection platform at station.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.8	2.3	2.0	2.6	e2.8	e3.4	3.8	5.2	3.0	4.4	1.3	0.82
2	22	2.1	2.1	2.6	e2.8	e3.6	3.9	4.5	4.4	4.2	1.2	0.77
3	5.0	2.0	2.0	2.7	e2.8	e3.7	3.7	4.2	4.2	3.9	1.1	0.69
4	228	1.9	1.9	2.7	e2.6	e3.6	3.6	4.1	3.9	3.4	1.0	0.60
5	9.4	1.9	2.1	2.7	e2.6	e3.5	3.4	3.7	4.0	3.0	1.2	0.63
6	4.6	1.7	2.2	2.7	e2.6	e3.7	4.1	4.6	4.3	2.8	1.1	0.60
7	2.4	1.7	2.2	2.7	e2.7	e3.8	6.0	4.1	4.4	2.7	1.0	0.63
8	2.1	1.8	2.1	e2.7	e2.8	e3.8	5.8	9.5	4.2	2.5	1.1	0.63
9	1.8	1.9	2.1	e2.5	e2.8	e3.7	5.5	17	4.1	2.4	1.1	2.4
10	1.6	1.7	2.2	e2.6	e2.9	3.9	5.1	8.0	46	2.2	1.2	3.5
11	1.5	1.6	2.3	e2.5	e2.9	4.1	5.7	6.1	14	2.1	1.1	14
12	1.4	1.6	2.5	e2.5	e2.9	4.4	5.2	5.4	279	3.3	1.0	5.9
13	1.3	1.6	2.4	e2.5	e2.9	4.2	4.5	5.1	84	3.3	0.93	1.9
14	1.2	1.6	2.5	e2.5	e3.0	4.5	4.3	6.8	18	2.0	0.95	1.2
15	1.2	1.6	2.4	e2.5	e3.0	5.2	4.7	5.2	12	1.8	1.0	0.98
16	1.3	1.7	2.5	e2.5	e3.0	5.2	4.5	4.5	8.8	1.6	0.96	0.92
17	1.3	1.8	2.5	e2.4	e3.0	5.0	3.9	4.0	7.6	3.1	1.0	0.85
18	1.3	1.8	2.5	e2.4	e3.0	4.7	3.6	3.7	7.7	2.0	0.96	0.80
19	1.3	1.8	2.5	e2.4	e3.0	5.1	3.6	44	7.5	1.6	1.8	0.87
20	1.2	1.8	2.5	e2.4	e3.0	8.3	3.8	22	5.6	1.5	1.6	0.82
21	1.3	1.7	2.6	e2.4	e3.0	7.1	3.6	8.0	4.8	1.5	1.1	0.81
22	1.2	1.7	2.4	e2.3	e2.9	5.5	3.3	7.3	5.0	1.4	0.91	0.87
23	1.4	1.8	2.3	e2.2	e2.9	5.0	3.5	6.4	516	1.4	0.89	0.80
24	1.5	1.7	e2.3	e2.2	e2.8	4.7	4.1	5.7	23	1.4	0.84	0.76
25	1.6	1.8	2.3	e2.3	e2.7	4.3	4.1	4.9	11	1.3	0.80	0.83
26	1.5	1.8	2.4	e2.4	e2.9	4.2	3.8	4.6	7.9	1.2	0.75	0.69
27	1.6	1.9	2.5	e2.5	e3.1	4.1	3.8	4.3	6.3	1.1	0.82	0.68
28	1.7	2.3	2.6	e2.6	e3.2	4.0	3.5	3.9	6.0	1.3	0.77	0.66
29	2.1	2.2	2.7	e2.6	---	3.9	6.2	4.8	5.1	1.2	0.77	0.66
30	3.0	2.0	2.7	e2.7	---	3.7	6.9	3.2	4.8	1.1	0.83	0.66
31	2.6	---	2.6	e2.7	---	3.8	---	3.0	---	1.4	0.64	---
TOTAL	315.2	54.8	72.9	78.0	80.6	137.7	131.5	227.8	1,116.6	68.1	31.72	46.93
MEAN	10.2	1.83	2.35	2.52	2.88	4.44	4.38	7.35	37.2	2.20	1.02	1.56
MAX	228	2.3	2.7	2.7	3.2	8.3	6.9	44	516	4.4	1.8	14
MIN	1.2	1.6	1.9	2.2	2.6	3.4	3.3	3.0	3.0	1.1	0.64	0.60
AC-FT	625	109	145	155	160	273	261	452	2,210	135	63	93

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1969 - 2003, BY WATER YEAR (WY)

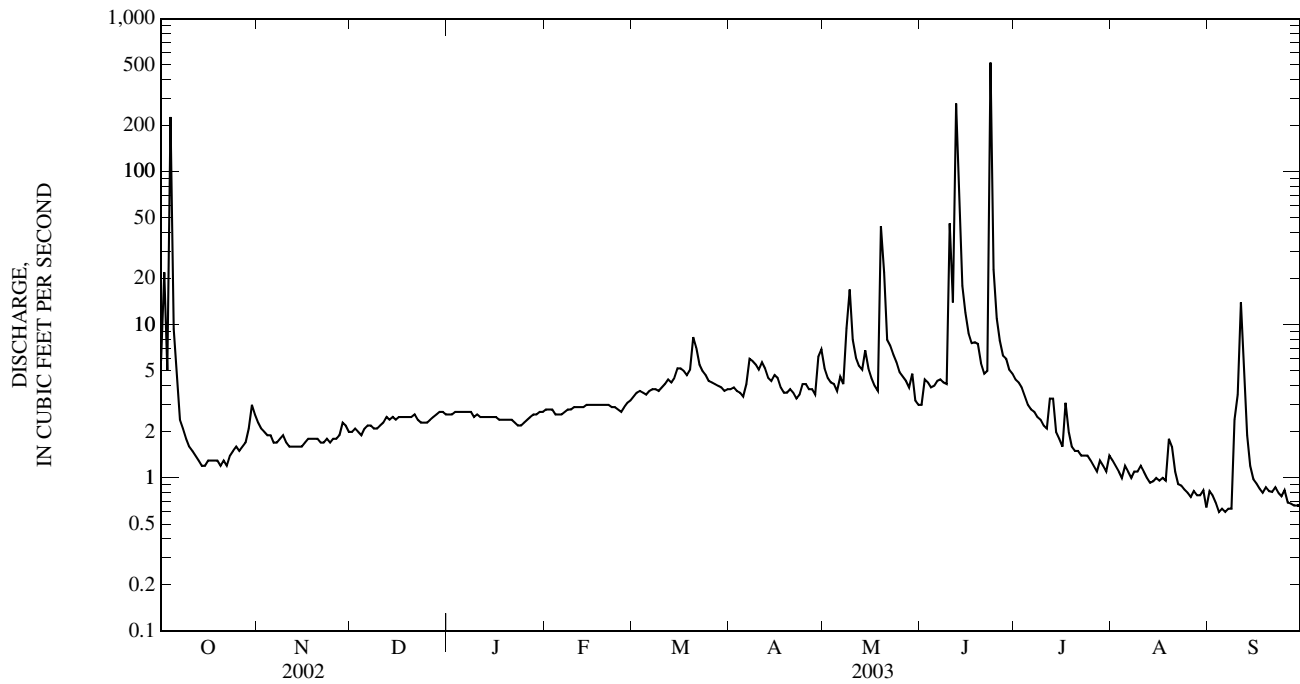
MEAN	13.0	6.68	6.14	6.88	12.7	29.4	24.6	38.1	31.5	30.1	11.3	15.3
MAX	151	29.9	30.7	34.9	59.9	192	118	239	228	402	89.6	260
(WY)	(1974)	(1997)	(1987)	(1974)	(1983)	(1979)	(1987)	(1995)	(1984)	(1993)	(1982)	(1989)
MIN	0.28	0.57	0.64	0.83	1.13	1.33	1.28	1.29	0.41	0.27	0.066	0.13
(WY)	(1977)	(1977)	(1977)	(1982)	(1978)	(1981)	(1981)	(1981)	(1981)	(1976)	(1976)	(1976)

06803520 STEVENS CREEK NEAR LINCOLN, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1969 - 2003	
ANNUAL TOTAL	2,177.87		2,361.85		18.9	
ANNUAL MEAN	5.97		6.47		69.3	
HIGHEST ANNUAL MEAN					1.84	
LOWEST ANNUAL MEAN					4,810	
HIGHEST DAILY MEAN	230	May 11	516	Jun 23		1993
LOWEST DAILY MEAN	0.32	Jul 24	0.60	Sep 4		1976
ANNUAL SEVEN-DAY MINIMUM	0.49	Jul 18	0.65	Sep 2		Sep 8, 1989
MAXIMUM PEAK FLOW			1,220	Jun 23	*12,900	Jul 31, 1977
MAXIMUM PEAK STAGE			10.62	Jun 23	19.57	Jul 29, 1977
ANNUAL RUNOFF (AC-FT)	4,320		4,680		13,660	Sep 8, 1989
10 PERCENT EXCEEDS	5.8		5.8		24	Jun 13, 1984
50 PERCENT EXCEEDS	2.3		2.6		3.9	
90 PERCENT EXCEEDS	0.81		0.96		0.88	

e Estimated.

* Stage 19.42 ft.



06803530 ROCK CREEK NEAR CERESCO, NE

LOCATION.--Lat 41°00'56", long 96°32'39", in NE 1/4 NE 1/4 sec.17, T.12 N., R.8 E., Lancaster County, Hydrologic Unit 10200203, on right bank 20 ft downstream from bridge on east-west county road, 5.7 mi southeast of Ceresco, and at mile 7.6.

DRAINAGE AREA.--120 mi².

PERIOD OF RECORD.--April 1970 to current year.

REVISED RECORDS.--WDR NE-76-1: 1975(M). WDR NE-94-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,109.18 ft above sea level. Apr. 1970 to Feb. 6, 1980 at present site and datum 6.0 ft higher; Feb 7, 1980 to July 13, 1981 at present site and datum 3.0 ft higher; July 14, 1981 to Feb. 29, 1984 on left bank 30 ft downstream from bridge at datum 3.0 ft higher; Mar. 1, 1984 to May 28, 1984 wire weight gage only, at datum 3.0 ft higher; May 28, 1984 to Apr. 4, 1997 at datum 3.0 ft higher. Data collection platform at station.

REMARKS.--Record good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.9	8.3	8.4	8.4	e10	11	11	17	18	7.8	5.7	5.1
2	11	8.3	8.1	8.2	e10	11	11	15	19	7.7	5.4	5.0
3	9.9	8.3	7.9	8.5	e10	11	11	15	19	7.6	5.3	4.7
4	117	8.8	7.8	8.7	e9.8	9.4	12	249	18	7.4	5.2	4.5
5	17	8.6	7.7	8.7	e9.6	e10	12	99	20	7.1	5.1	4.5
6	9.2	8.5	8.0	8.3	e9.4	e10	12	35	75	7.6	5.2	4.4
7	7.5	8.4	7.8	8.5	8.9	e10	14	33	45	7.3	4.8	4.5
8	7.4	7.9	7.5	8.6	e9.4	e10	14	83	60	7.0	4.6	4.4
9	7.4	8.1	7.9	8.6	e9.4	10	18	168	24	7.7	4.7	5.1
10	7.3	8.2	7.9	8.7	10	10	15	46	72	7.6	4.9	6.5
11	7.0	8.4	8.2	8.5	10	11	14	37	31	6.6	5.2	12
12	7.1	8.1	8.3	8.6	10	12	13	28	32	6.1	4.8	11
13	6.8	8.0	8.0	8.7	10	11	12	25	60	5.8	4.9	5.3
14	6.9	8.0	7.9	8.6	11	12	12	24	25	5.8	4.4	4.5
15	6.9	7.8	7.9	e8.6	e12	13	12	23	19	5.9	4.2	4.8
16	7.1	8.0	8.0	e8.6	11	13	12	22	17	5.8	4.3	4.6
17	7.8	8.2	8.3	e8.6	11	13	11	21	17	5.7	4.6	4.7
18	8.2	8.1	8.5	e8.6	11	12	11	20	42	5.7	5.0	4.7
19	8.8	8.0	8.2	e8.6	12	13	12	30	66	5.6	5.5	4.9
20	7.8	8.0	7.9	e8.6	e15	17	12	30	17	5.4	5.8	4.7
21	7.7	7.9	7.5	e8.4	e18	15	11	22	12	5.4	5.4	5.0
22	7.3	8.2	7.9	e8.2	14	13	11	21	11	5.2	5.0	5.1
23	7.5	8.3	7.9	e8.2	11	12	11	21	14	5.3	5.0	4.9
24	7.9	8.3	8.1	e8.0	e11	12	12	20	10	5.4	5.1	4.8
25	8.0	8.1	7.8	e8.2	e11	12	12	20	8.9	5.0	4.8	4.7
26	8.1	8.3	8.1	e8.2	11	12	11	19	8.5	5.1	4.7	4.7
27	8.0	8.2	8.6	e8.4	11	12	11	19	8.1	5.1	4.7	4.8
28	8.5	8.4	8.7	e8.6	11	11	11	18	8.5	5.3	4.7	4.7
29	8.4	8.5	8.6	e8.8	---	11	19	18	8.3	5.2	4.6	4.7
30	8.7	8.6	8.5	e8.8	---	10	23	18	7.8	4.8	4.4	4.8
31	9.0	---	8.5	e9.6	---	11	---	17	---	5.3	4.8	---
TOTAL	366.1	246.8	250.4	264.6	307.5	360.4	383	1,233	793.1	190.3	152.8	158.1
MEAN	11.8	8.23	8.08	8.54	11.0	11.6	12.8	39.8	26.4	6.14	4.93	5.27
MAX	117	8.8	8.7	9.6	18	17	23	249	75	7.8	5.8	12
MIN	6.8	7.8	7.5	8.0	8.9	9.4	11	15	7.8	4.8	4.2	4.4
AC-FT	726	490	497	525	610	715	760	2,450	1,570	377	303	314

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1971 - 2003, BY WATER YEAR (WY)

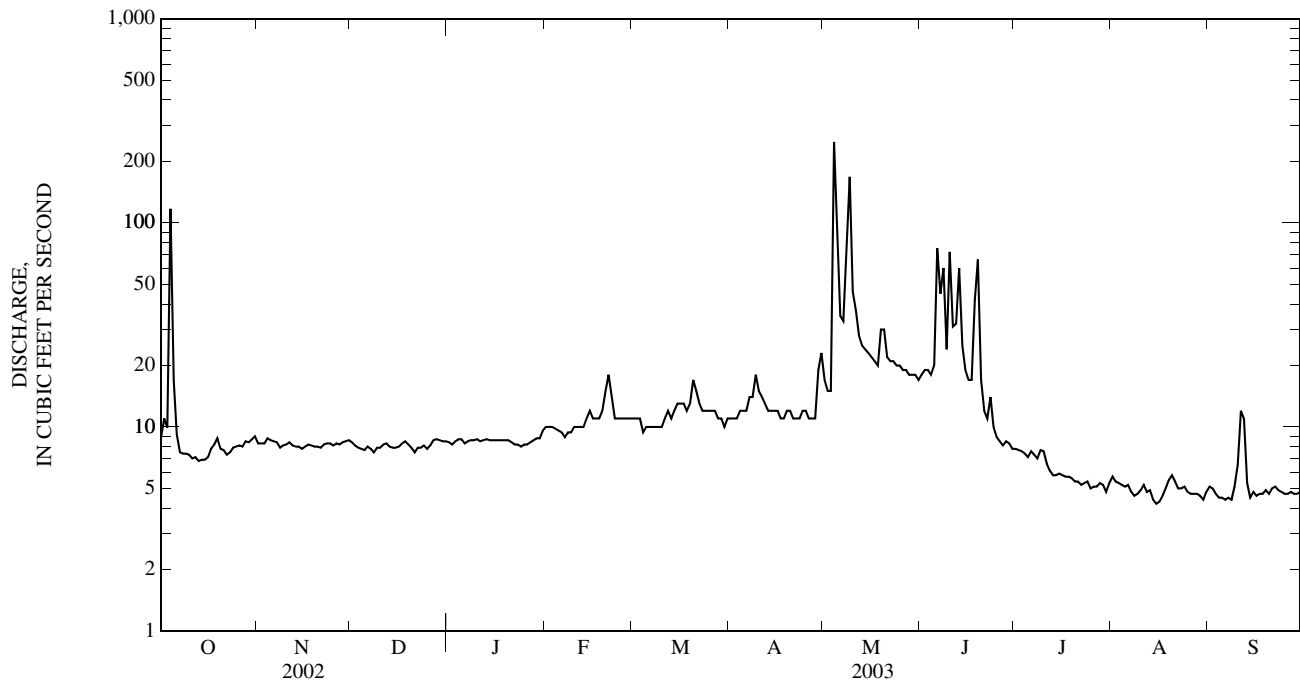
MEAN	21.8	16.2	14.2	15.0	31.8	53.9	40.5	63.2	67.9	51.7	43.7	22.4
MAX	191	45.5	44.8	63.3	116	260	236	237	272	648	527	128
(WY)	(1987)	(1978)	(1985)	(1973)	(1983)	(1979)	(1984)	(1996)	(1998)	(1993)	(1987)	(1989)
MIN	3.85	5.23	5.26	3.93	7.92	8.41	7.40	10.2	5.34	3.07	2.08	3.86
(WY)	(1977)	(1977)	(1977)	(1977)	(1979)	(1972)	(1971)	(1976)	(1976)	(1976)	(1976)	(1971)

06803530 ROCK CREEK NEAR CERESCO, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1971 - 2003	
ANNUAL TOTAL	4,201.1		4,706.1		36.9	
ANNUAL MEAN	11.5		12.9		123	
HIGHEST ANNUAL MEAN					8.68	
LOWEST ANNUAL MEAN					11,400	
HIGHEST DAILY MEAN	193	Aug 23	249	May 4		Aug 25, 1987
LOWEST DAILY MEAN	3.3	Aug 9	4.2	Aug 15	0.25	Jul 13, 1976
ANNUAL SEVEN-DAY MINIMUM	3.6	Aug 6	4.6	Sep 2	1.1	Jul 11, 1976
MAXIMUM PEAK FLOW			804	May 4	*23,300	Aug 25, 1987
MAXIMUM PEAK STAGE			9.11	May 4	20.50	May 22, 1998
ANNUAL RUNOFF (AC-FT)	8,330		9,330		26,720	
10 PERCENT EXCEEDS	16		19		44	
50 PERCENT EXCEEDS	9.5		8.5		13	
90 PERCENT EXCEEDS	4.9		4.9		5.9	

e Estimated.

* Includes road overflow; stage 19.60 ft, from floodmark.



06803555 SALT CREEK AT GREENWOOD, NE

LOCATION.--Lat 40° 57' 56", long 96° 27' 01", at center of sec.31, T.12 N., R.9 E., Cass County, Hydrologic Unit 10200203, on right bank just downstream from county road bridge, 0.5 mi west of Greenwood, and at mile 13.0.

DRAINAGE AREA.--1,051 mi².

PERIOD OF RECORD.--November 1951 to current year. Records furnished by Corps of Engineers prior to Oct. 1, 1972.

REVISED RECORDS.--WDR NE-94-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,066.14 ft above sea level. Datum lowered 2.00 ft Feb. 6, 2002. Prior to Nov. 5, 1964, nonrecording gage at same site. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	154	204	110	110	193	e128	112	241	141	248	219	72
2	1,040	187	111	111	185	133	111	172	240	231	121	70
3	393	171	109	110	184	135	116	135	203	220	103	66
4	4,060	163	109	110	156	131	120	415	160	205	99	63
5	960	184	105	112	152	e124	123	985	160	187	122	62
6	353	163	106	114	143	e130	129	301	352	184	119	58
7	235	153	107	112	128	e144	307	328	227	178	97	119
8	197	146	107	111	139	154	229	569	333	180	96	102
9	186	133	107	110	126	141	225	1,270	187	185	88	303
10	178	131	108	103	127	151	178	586	3,040	174	85	353
11	163	129	113	95	125	157	161	351	2,020	160	85	1,260
12	152	127	110	107	128	163	147	269	3,670	148	85	487
13	143	122	109	105	131	147	130	234	3,350	145	83	223
14	148	123	103	103	147	142	120	344	1,120	139	82	146
15	141	121	104	e98	277	151	116	264	715	137	80	116
16	146	117	104	e92	164	151	132	216	551	128	76	106
17	184	118	104	e88	158	145	118	186	445	200	73	95
18	154	121	106	e92	161	158	112	175	389	139	82	95
19	146	116	102	e100	201	185	121	392	665	126	268	102
20	144	116	101	e110	203	330	126	1,040	419	119	173	83
21	143	113	97	e114	225	253	117	439	307	127	115	84
22	145	113	95	e118	187	193	114	308	273	128	97	89
23	163	113	94	e100	155	161	111	272	2,820	115	85	87
24	185	109	98	e94	e140	155	176	237	1,360	111	80	84
25	176	110	137	e104	e125	142	131	212	547	108	78	82
26	165	112	125	e100	e116	134	113	193	407	104	76	81
27	155	114	122	e94	e116	136	107	185	341	104	90	78
28	223	115	117	e116	e122	129	100	175	346	108	73	77
29	165	111	118	e140	---	121	268	165	317	107	70	80
30	278	112	122	e170	---	117	349	158	281	108	65	82
31	260	---	113	194	---	115	---	148	---	174	67	---
TOTAL	11,335	3,967	3,373	3,437	4,414	4,756	4,519	10,965	25,386	4,727	3,132	4,805
MEAN	366	132	109	111	158	153	151	354	846	152	101	160
MAX	4,060	204	137	194	277	330	349	1,270	3,670	248	268	1,260
MIN	141	109	94	88	116	115	100	135	141	104	65	58
AC-FT	22,480	7,870	6,690	6,820	8,760	9,430	8,960	21,750	50,350	9,380	6,210	9,530
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1952 - 2003, BY WATER YEAR (WY)												
MEAN	253	177	147	158	261	497	404	594	711	510	314	254
MAX	2,681	638	465	520	952	3,481	2,023	2,383	4,101	5,461	1,748	1,534
(WY)	(1974)	(1999)	(1987)	(1974)	(1983)	(1979)	(1984)	(1996)	(1984)	(1993)	(1987)	(1989)
MIN	36.4	35.1	37.3	26.2	40.6	51.3	58.1	54.7	65.6	55.6	42.8	52.9
(WY)	(1956)	(1956)	(1956)	(1957)	(1957)	(1957)	(1956)	(1955)	(1958)	(1955)	(1955)	(1953)

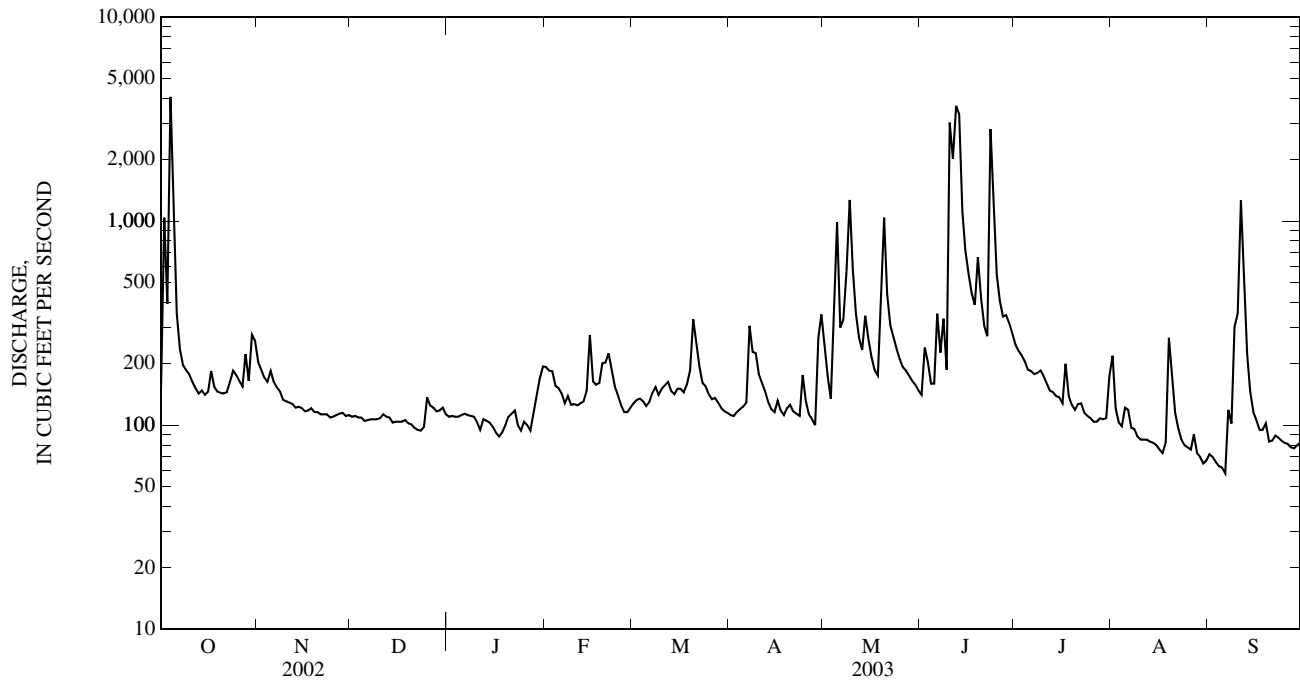
06803555 SALT CREEK AT GREENWOOD, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1952 - 2003	
ANNUAL TOTAL	81,941		84,816		355	
ANNUAL MEAN	224		232		1,054	
HIGHEST ANNUAL MEAN					107	
LOWEST ANNUAL MEAN					37,100	
HIGHEST DAILY MEAN	5,940	Aug 22	4,060	Oct 4	14	Jun 13, 1984
LOWEST DAILY MEAN	57	Aug 12	58	Sep 6	17	Jan 10, 1957
ANNUAL SEVEN-DAY MINIMUM	61	Aug 6	65	Aug 31	17	Jan 10, 1957
MAXIMUM PEAK FLOW			6,780	Jun 12	*46,800	Jun 13, 1984
MAXIMUM PEAK STAGE			11.53	Jun 12	**26.57	Jul 24, 1993
ANNUAL RUNOFF (AC-FT)	162,500		168,200		257,500	
10 PERCENT EXCEEDS	280		342		569	
50 PERCENT EXCEEDS	126		132		146	
90 PERCENT EXCEEDS	95		90		72	

e Estimated.

* Stage 26.50 ft, datum then in use.

** Datum then in use.



06804000 WAHOO CREEK AT ITHACA, NE

LOCATION.--Lat 41°08'40", long 96°32'10", in NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.33, T.14 N., R.8 E., Saunders County, Hydrologic Unit 10200203, on right bank 16 ft downstream from bridge on State Highway 63, 0.5 mi south of Ithaca, and at mile 20.3.

DRAINAGE AREA.--273 mi², of which 268 mi² contributes directly to surface runoff.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1949 to current year.

REVISED RECORDS.--WDR NE-78-1: 1977(P). WDR NE-94-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 1,110.48 ft above sea level. Prior to Oct. 27, 1959, nonrecording gages at same site and datum. Oct. 28, 1959 to Feb. 22, 1961 nonrecording gage at site 1.5 mi upstream at datum 8.21 ft higher. Data collection platform at station.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.4	24	e20	e16	e22	e18	24	34	32	23	18	15
2	11	22	e19	e17	e20	e17	24	26	35	23	19	15
3	13	23	e17	e18	e19	e16	24	21	37	23	17	15
4	108	23	e17	e18	e18	e15	25	225	36	23	16	15
5	91	23	e16	e18	e17	e19	25	781	35	21	17	15
6	23	23	e17	e19	e16	e22	26	97	51	23	19	15
7	19	23	e17	e18	e16	e28	29	67	48	25	19	14
8	19	23	e19	e19	e15	e29	28	101	61	23	17	15
9	19	23	e19	e18	e15	e26	29	312	58	23	17	15
10	20	22	e19	e17	e16	e28	28	78	121	23	17	15
11	19	22	e19	e16	e16	e28	27	61	90	21	18	16
12	19	21	e19	e17	e16	e30	25	54	51	20	16	15
13	19	21	e18	e19	e15	e30	24	50	74	20	16	15
14	20	22	e17	e18	e15	e30	23	49	46	21	17	15
15	20	22	e18	e17	e14	e32	23	45	37	21	18	15
16	20	21	e19	e16	e16	e34	23	42	33	19	19	15
17	21	21	e18	e16	e18	e33	22	40	42	19	18	16
18	21	21	e18	e18	e19	e31	22	38	122	20	19	15
19	20	21	e17	e20	e19	e31	22	47	66	20	21	15
20	20	20	e16	e19	e19	e33	22	64	37	20	22	15
21	20	20	e15	e18	e16	32	21	48	29	20	20	15
22	19	20	e15	e16	e15	30	20	39	28	18	17	15
23	19	20	e17	e16	e14	28	20	39	28	17	16	15
24	21	20	e18	e15	e13	27	22	40	27	16	15	15
25	22	e19	e19	e14	e14	27	21	39	27	16	15	15
26	22	e19	e21	e14	e14	26	20	38	25	16	15	15
27	22	e19	e18	e13	e15	27	19	36	24	16	15	15
28	23	e19	e16	e16	e18	26	25	35	24	17	15	15
29	24	e20	e15	e19	---	25	29	34	25	16	15	15
30	25	e20	e16	e22	---	24	37	34	24	16	14	15
31	25	---	e16	e23	---	24	---	32	---	18	15	---
TOTAL	772.4	637	545	540	460	826	729	2,646	1,373	617	532	451
MEAN	24.9	21.2	17.6	17.4	16.4	26.6	24.3	85.4	45.8	19.9	17.2	15.0
MAX	108	24	21	23	22	34	37	781	122	25	22	16
MIN	8.4	19	15	13	13	15	19	21	24	16	14	14
AC-FT	1,530	1,260	1,080	1,070	912	1,640	1,450	5,250	2,720	1,220	1,060	895

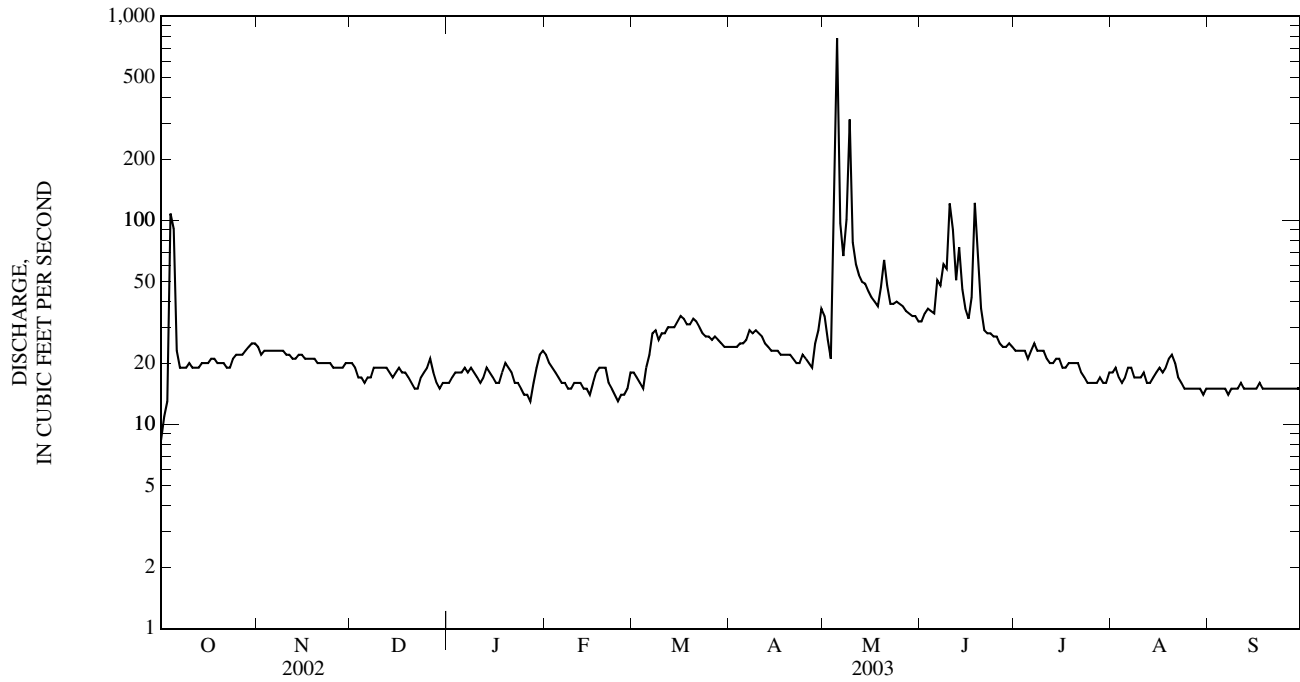
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1950 - 2003, BY WATER YEAR (WY)

MEAN	49.8	40.0	35.2	38.9	71.7	118	87.3	120	219	86.4	93.0	67.9
MAX	343	110	96.3	125	276	518	430	401	1,051	728	640	663
(WY)	(1987)	(1987)	(1985)	(1983)	(1983)	(1979)	(1978)	(1984)	(1963)	(1993)	(1959)	(1965)
MIN	8.39	11.3	10.1	10.7	13.2	16.6	19.6	16.3	18.6	10.6	9.27	6.95
(WY)	(1956)	(1956)	(1977)	(1957)	(1957)	(1957)	(1956)	(1955)	(1976)	(1956)	(1956)	(1956)

06804000 WAHOO CREEK AT ITHACA, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1950 - 2003	
ANNUAL TOTAL	13,396.4		10,128.4		85.5	
ANNUAL MEAN	36.7		27.7		207	
HIGHEST ANNUAL MEAN					15.3	
LOWEST ANNUAL MEAN					22,100	
HIGHEST DAILY MEAN	852	May 11	781	May 5	15.3	Jun 24, 1963
LOWEST DAILY MEAN	8.4	Oct 1	8.4	Oct 1	3.3	Jun 11, 1955
ANNUAL SEVEN-DAY MINIMUM	12	Sep 26	14	Feb 21	4.4	Oct 12, 1955
MAXIMUM PEAK FLOW			1,710	May 5	77,400	Jun 24, 1963
MAXIMUM PEAK STAGE			14.16	May 5	22.93	Jun 24, 1963
ANNUAL RUNOFF (AC-FT)	26,570		20,090		61,930	
10 PERCENT EXCEEDS	44		38		110	
50 PERCENT EXCEEDS	30		20		35	
90 PERCENT EXCEEDS	18		15		18	

e Estimated.



WATER-QUALITY RECORDS

Pesticide Reconnaissance Study

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	CIAT, water, fltrd, ug/L (04040)	CEAT, water, fltrd, ug/L (04038)	Aceto-chlor ESA, water, fltrd 0.7u GF ug/L (61029)	Aceto-chlor OA, water, fltrd 0.7u GF ug/L (61030)	Aceto-chlor, water, fltrd, ug/L (49260)	Ala-chlor ESA, water, fltrd 0.7u GF ug/L (50009)
OCT 04...	0930	4.75	77	725	9.9	7.0	472	0.09	0.08	0.20	0.22	<0.05	0.09

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ala-chlor OA, water, fltrd 0.7u GF ug/L (61031)	Ala-chlor, water, fltrd, ug/L (46342)	Ametryn water, fltrd, ug/L (38401)	Amino-methyl-phosphonic acid, wat flt ug/L (62649)	Atra-zine, water, fltrd, ug/L (39632)	Cyana-zine amide, water, fltrd, ug/L (61709)	Cyana-zine, water, fltrd, ug/L (04041)	Dimeth-enamid ESA, water, fltrd, ug/L (61951)	Dimeth-enamid OA, water, fltrd, ug/L (62482)	Dimeth-enamid water, fltrd, ug/L (61588)	Flufen-acet ESA, water, fltrd, ug/L (61952)	Flufe-nacet OA, water, fltrd, ug/L (62483)	Flufe-nacet, water, fltrd, ug/L (62481)
OCT 04...	<0.05	<0.05	<0.05	0.7	0.42	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Glufo-sinate, water, fltrd 0.7u GF ug/L (62721)	Glypho-sate, water, fltrd 0.7u GF ug/L (62722)	Metola-chlor ESA, water, fltrd 0.7u GF ug/L (61043)	Metola-chlor OA, water, fltrd 0.7u GF ug/L (61044)	Metola-chlor, water, fltrd, ug/L (39415)	Metri-buzin, water, fltrd, ug/L (82630)	Pendi-meth-alin, water, fltrd 0.7u GF ug/L (82683)	Prome-ton, water, fltrd, ug/L (04037)	Prome-tryn, water, fltrd, ug/L (04036)	Propa-chlor, water, fltrd, ug/L (04024)	Propa-zine, water, fltrd, ug/L (38535)	Sima-zine, water, fltrd, ug/L (04035)	Ter-butryn, water, fltrd, ug/L (38888)
OCT 04...	<0.1	<0.1	0.07	0.07	0.12	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Remark codes used in this table:
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06804000 WAHOO CREEK AT ITHACA, NE—Continued

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06804700 WAHOO CREEK AT ASHLAND, NE

LOCATION.--Lat 41° 03'13", long 96° 22'04", in SE 1/4 NE 1/4 sec.35, T.13 N., R.9 E., Saunders County, Hydrologic Unit 10200203, at right upstream side of bridge near end of guard rail on State Highway 63, 1 mi north of Ashland, and at mile 2.6.

DRAINAGE AREA.--416 mi².

PERIOD OF RECORD.--September 1990 to current year.

REVISED RECORDS.--WDR NE-99-1: Datum.

GAGE.--Water-stage recorder. Datum of gage is 1,048.77 ft above sea level.

REMARKS.--Records good except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32	43	41	41	e45	e37	45	65	55	50	24	21
2	36	42	e38	41	e44	e37	44	65	57	46	24	22
3	39	41	e38	41	e43	e40	44	53	58	43	25	23
4	178	42	39	43	e43	e41	46	232	59	40	25	23
5	191	42	38	42	e40	e41	47	1,000	57	40	22	20
6	82	42	38	43	e32	e40	49	211	70	44	22	21
7	50	42	e39	e40	e33	e41	54	142	82	47	23	20
8	43	41	39	e40	e35	e42	54	154	92	48	24	21
9	43	40	39	e42	e37	e64	54	462	95	42	23	23
10	43	40	41	e40	e37	e48	55	179	154	41	24	29
11	42	40	40	e37	e37	e44	53	111	171	36	24	40
12	41	40	40	e35	e37	e45	50	94	126	35	22	76
13	40	39	36	e34	e35	48	49	90	124	35	21	48
14	40	39	36	e32	e32	49	47	85	88	36	21	33
15	41	39	37	e32	e30	51	46	83	69	37	21	27
16	41	39	36	e32	e36	54	52	78	62	34	20	26
17	43	39	36	e33	e36	54	46	74	64	31	21	26
18	43	40	e35	e33	e37	51	46	71	126	32	22	26
19	41	39	e34	e34	e37	50	47	75	126	34	23	26
20	41	39	e32	e33	e36	53	47	89	88	31	27	26
21	40	39	e30	e32	e34	55	47	97	68	32	26	28
22	41	39	e29	e32	e33	51	46	76	62	31	24	29
23	41	38	e30	e31	e31	50	45	69	68	26	23	27
24	43	39	e32	e31	e31	47	48	68	59	25	22	27
25	44	39	e35	e30	e34	46	49	67	54	25	23	28
26	43	e36	e37	e34	e35	46	47	66	51	23	22	28
27	43	e36	e38	e38	e38	47	45	63	51	23	22	27
28	44	e37	e38	e41	e38	46	46	60	53	24	23	27
29	45	42	e38	e44	---	45	63	59	51	24	20	28
30	45	40	e38	e45	---	45	73	59	52	21	19	29
31	45	---	e39	e45	---	45	---	56	---	23	20	---
TOTAL	1,624	1,193	1,136	1,151	1,016	1,453	1,484	4,153	2,392	1,059	702	855
MEAN	52.4	39.8	36.6	37.1	36.3	46.9	49.5	134	79.7	34.2	22.6	28.5
MAX	191	43	41	45	45	64	73	1,000	171	50	27	76
MIN	32	36	29	30	30	37	44	53	51	21	19	20
AC-FT	3,220	2,370	2,250	2,280	2,020	2,880	2,940	8,240	4,740	2,100	1,390	1,700

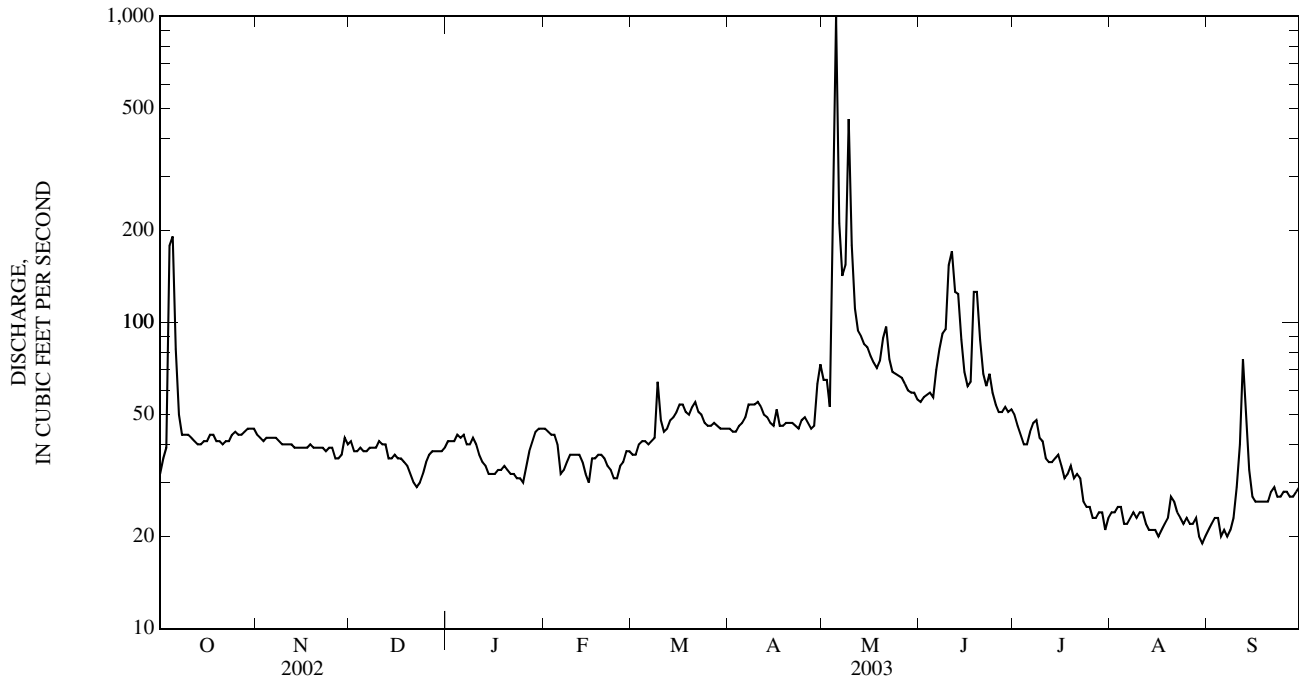
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2003, BY WATER YEAR (WY)

MEAN	56.1	65.9	58.4	60.5	89.9	141	114	194	330	199	98.1	59.0
MAX	98.2	125	85.9	91.5	199	580	247	552	1,031	1,032	341	150
(WY)	(1994)	(1999)	(1999)	(1995)	(1997)	(1993)	(1999)	(1995)	(1991)	(1993)	(1998)	(1993)
MIN	36.0	39.8	36.6	37.1	36.3	46.9	49.5	67.5	55.9	34.2	22.6	28.0
(WY)	(1992)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(1997)	(1992)	(2003)	(2003)	(1990)

06804700 WAHOO CREEK AT ASHLAND, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1990 - 2003	
ANNUAL TOTAL	21,818		18,218		122	
ANNUAL MEAN	59.8		49.9		223	
HIGHEST ANNUAL MEAN					49.9	
LOWEST ANNUAL MEAN					7,000	
HIGHEST DAILY MEAN	1,160	May 12	1,000	May 5	19	Aug 30, 2003
LOWEST DAILY MEAN	23	Aug 10	19	Aug 30	21	Aug 26, 2003
ANNUAL SEVEN-DAY MINIMUM	26	Aug 6	21	Aug 26	7,000	Jun 15, 1991
MAXIMUM PEAK FLOW			1,650	May 5	20.50	Jun 15, 1991
MAXIMUM PEAK STAGE			12.36	May 5		
ANNUAL RUNOFF (AC-FT)	43,280		36,140		88,600	
10 PERCENT EXCEEDS	79		69		174	
50 PERCENT EXCEEDS	48		40		68	
90 PERCENT EXCEEDS	31		24		38	

e Estimated.



PLATTE RIVER BASIN

06804900 JOHNSON CREEK NEAR MEMPHIS, NE

LOCATION.--Lat 41°08'48", long 96°23'12", in NW 1/4 NW 1/4 sec.35, T.14 N., R.9 E., Saunders County, Hydrologic Unit 10200203, on left downstream bank on Saunders County road No. 37, 3.5 mi north and 2 mi east of Memphis, and at mile 0.9.

DRAINAGE AREA.--21.5 mi².

PERIOD OF RECORD.--September 1990 to current year.

GAGE.--Water-stage recorder. Datum of gage is 1,070.00 ft above sea level. Data collection platform at station.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	1.1	0.67	0.65	0.79	0.78	1.1	1.6	1.1	2.1	1.4	1.6
2	2.0	1.1	0.67	0.64	0.81	0.77	1.0	1.4	1.3	2.1	1.4	1.7
3	1.5	1.1	0.63	0.65	0.82	0.81	1.0	1.5	1.2	1.9	1.4	1.7
4	7.4	1.1	0.62	0.67	0.78	0.78	1.2	4.6	1.1	1.7	1.5	1.7
5	1.6	1.1	0.63	0.68	0.78	0.80	1.1	2.7	1.2	1.7	1.6	1.7
6	1.3	1.0	0.66	0.64	e0.76	0.85	1.2	2.5	1.2	2.1	1.6	1.7
7	1.3	1.0	0.66	0.68	e0.76	0.83	1.4	2.7	1.4	1.9	1.6	1.7
8	1.3	0.95	0.66	0.66	0.77	0.83	1.6	7.3	1.4	1.8	1.6	1.7
9	1.4	0.90	0.66	0.67	0.78	0.81	1.7	3.7	1.3	2.0	1.5	1.8
10	1.4	0.85	0.67	e0.66	0.75	0.85	1.5	2.1	1.4	1.8	1.6	1.7
11	1.4	0.76	0.70	e0.66	0.78	0.94	1.4	2.0	1.2	1.7	1.5	1.9
12	1.4	0.76	0.69	e0.66	0.78	0.95	1.3	1.8	1.4	1.6	1.4	1.8
13	1.4	0.75	0.68	0.66	0.78	0.96	1.3	1.7	1.3	1.5	1.4	1.8
14	1.3	0.73	0.68	0.65	0.93	1.1	1.2	1.6	1.1	1.5	1.5	1.8
15	1.3	0.72	0.69	0.61	1.0	1.3	1.3	1.6	1.1	1.5	1.4	1.8
16	1.4	0.73	0.69	0.66	e1.1	1.3	1.2	1.5	1.1	1.6	1.4	1.8
17	1.4	0.72	0.70	e0.60	e0.82	1.2	1.1	1.4	1.1	1.6	1.4	1.8
18	1.4	0.71	0.72	0.68	0.81	1.1	1.1	1.4	1.3	1.5	1.5	1.8
19	1.3	0.72	0.69	0.59	0.80	1.2	1.2	2.0	1.5	1.5	1.7	1.8
20	1.3	0.71	0.67	0.70	1.3	1.4	1.2	1.6	1.4	1.6	1.6	1.8
21	1.3	0.69	0.64	0.67	1.4	1.3	1.1	1.5	1.5	1.6	1.5	1.8
22	1.2	0.67	0.60	e0.66	1.0	1.2	1.1	1.4	1.7	1.5	1.5	1.9
23	1.3	0.66	0.57	e0.66	0.86	1.2	1.1	1.4	1.8	1.5	1.5	1.9
24	1.3	0.64	0.60	0.75	e0.84	1.2	1.2	1.4	1.8	1.4	1.5	1.9
25	1.3	0.65	0.62	0.69	e0.84	1.2	1.1	1.3	1.9	1.4	1.5	1.9
26	1.2	0.67	e0.60	0.71	e0.82	1.2	1.1	1.3	1.9	1.4	1.5	1.9
27	1.3	e0.70	0.61	0.75	0.79	1.2	1.1	1.3	1.9	1.5	1.5	1.9
28	1.2	0.70	0.60	0.73	0.76	1.2	1.2	1.3	2.0	1.6	1.6	1.9
29	1.2	0.71	0.63	0.72	---	1.1	1.9	1.2	2.0	1.4	1.6	1.9
30	1.2	0.66	0.66	0.75	---	1.1	1.8	1.2	2.0	1.3	1.5	1.9
31	1.2	---	0.65	0.79	---	1.1	---	1.1	---	1.4	1.6	---
TOTAL	47.7	24.26	20.22	20.95	24.21	32.56	37.8	61.1	43.6	50.7	46.8	54.0
MEAN	1.54	0.81	0.65	0.68	0.86	1.05	1.26	1.97	1.45	1.64	1.51	1.80
MAX	7.4	1.1	0.72	0.79	1.4	1.4	1.9	7.3	2.0	2.1	1.7	1.9
MIN	1.2	0.64	0.57	0.59	0.75	0.77	1.0	1.1	1.1	1.3	1.4	1.6
AC-FT	95	48	40	42	48	65	75	121	86	101	93	107

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1991 - 2003, BY WATER YEAR (WY)

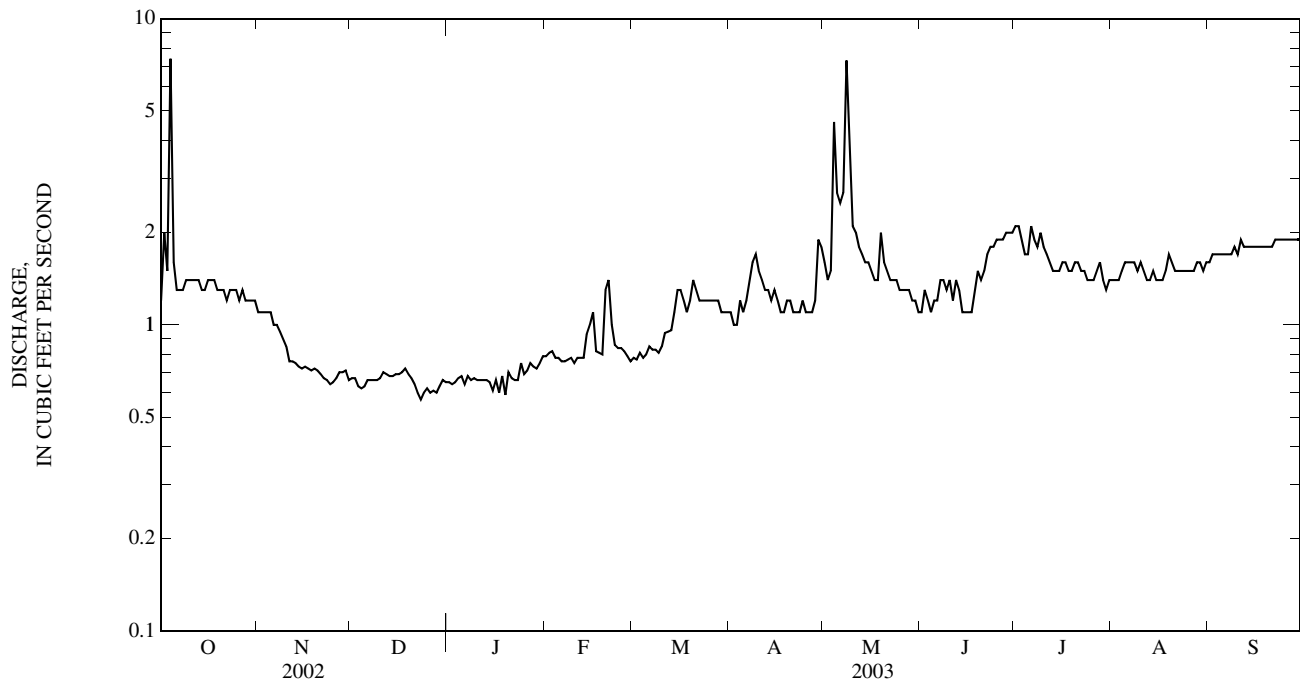
	MEAN	1.63	1.73	1.73	1.65	2.19	3.96	2.67	3.20	9.16	4.64	2.53	2.08
	MAX	2.56	3.04	3.82	2.24	5.20	17.8	7.67	6.61	26.9	26.1	11.1	5.11
(WY)	(1994)	(1998)	(1998)	(1998)	(1998)	(1998)	(1993)	(1999)	(2001)	(1991)	(1993)	(1998)	(1999)
	MIN	1.02	0.81	0.65	0.68	0.86	1.05	1.21	1.42	1.45	1.21	0.73	0.72
(WY)	(1993)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2000)	(1997)	(2003)	(1991)	(2002)	(1992)

06804900 JOHNSON CREEK NEAR MEMPHIS, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1991 - 2003	
ANNUAL TOTAL	568.42		463.90		3.05	
ANNUAL MEAN	1.56		1.27		6.79	
HIGHEST ANNUAL MEAN					1.27	
LOWEST ANNUAL MEAN					240	
HIGHEST DAILY MEAN	7.4	Oct 4	7.4	Oct 4	Jul 23, 1993	
LOWEST DAILY MEAN	0.37	Aug 15	0.57	Dec 23	0.36	
ANNUAL SEVEN-DAY MINIMUM	0.46	Aug 25	0.60	Dec 22	0.46	
MAXIMUM PEAK FLOW			19	Oct 4	*269	
MAXIMUM PEAK STAGE			5.72	Oct 4	10.49	
ANNUAL RUNOFF (AC-FT)	1,130		920		2,210	
10 PERCENT EXCEEDS	2.7		1.8		3.6	
50 PERCENT EXCEEDS	1.3		1.2		1.8	
90 PERCENT EXCEEDS	0.59		0.66		1.0	

e Estimated.

* Stage 10.25 ft.



PLATTE RIVER BASIN

06805500 PLATTE RIVER AT LOUISVILLE, NE
(National Stream-Quality Accounting Network, NASQAN, station)

(National Water-Quality Assessment, NAWQA, station)

LOCATION.--Lat 41°00'55", long 96°09'28", in NW 1/4 NW 1/4 sec.14, T.12 N., R.11 E., Sarpy County, Hydrologic Unit 10200202, on the left bank at the upstream side of bridge on Nebraska Highway 50, 1 mi north of Louisville, and at mile 16.5.

DRAINAGE AREA.--85,370 mi², approximately, of which about 71,000 mi² contributes directly to surface runoff.

WATER-DISCHARGE RECORDS

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

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

GAGE.--Water-stage recorder. 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. Data collection platform at station.

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

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,650	4,460	4,720	e3,900	e3,600	e3,500	6,150	15,400	4,570	5,320	2,180	744
2	3,620	4,190	3,550	e3,900	e3,900	e3,500	5,720	12,000	4,680	4,680	1,400	685
3	3,630	4,240	4,070	e3,900	e4,000	e3,800	5,380	11,000	4,420	4,580	1,630	1,130
4	6,220	4,470	4,640	e3,900	e3,600	e4,200	5,390	8,840	4,190	3,930	1,320	1,070
5	5,410	3,990	3,120	e3,900	e3,300	e4,300	5,390	18,700	5,340	3,680	1,340	1,380
6	3,830	4,190	2,070	e3,900	e3,100	e4,900	5,500	26,100	5,580	4,170	1,350	1,240
7	3,390	3,630	3,420	e3,900	e3,100	e5,200	5,910	18,300	5,680	6,350	1,510	1,270
8	3,520	4,050	4,000	e3,800	e3,200	e5,200	6,100	13,300	6,180	6,070	1,570	1,540
9	3,670	4,050	3,890	e3,500	e3,500	e5,400	6,150	13,900	6,060	4,800	1,330	1,610
10	3,410	3,990	3,880	e3,200	e4,400	e5,600	5,830	11,600	6,890	4,180	1,170	2,230
11	3,520	3,770	4,430	e2,900	e4,000	e5,800	6,200	11,200	11,800	4,060	1,300	2,540
12	3,400	3,850	4,890	e2,150	e3,900	e6,600	5,760	9,570	8,950	3,910	1,260	4,090
13	2,970	3,720	4,780	e2,150	e3,900	e6,800	5,950	10,100	10,600	3,440	1,530	4,960
14	2,930	4,270	4,780	e2,150	e4,200	e7,400	5,900	9,070	7,210	3,300	1,700	6,100
15	2,880	4,450	4,860	e2,100	e3,600	e8,400	5,770	8,930	6,390	2,960	1,760	6,010
16	3,030	4,220	5,090	e1,950	e3,400	e9,000	4,800	8,840	5,220	2,890	1,730	4,330
17	3,250	2,930	5,110	e1,900	e4,200	7,230	5,420	8,190	5,300	2,600	1,350	3,100
18	2,840	3,420	4,940	e1,900	e4,800	6,250	5,540	7,380	4,930	2,110	1,360	2,730
19	3,960	3,930	4,980	e1,800	e5,400	6,270	5,470	6,800	6,380	2,110	1,270	2,610
20	3,740	4,000	e4,800	e1,800	e6,200	6,370	6,090	9,270	5,210	2,010	2,020	2,470
21	3,540	3,970	e4,600	e1,900	e6,400	6,600	6,260	8,200	5,020	e1,750	1,900	2,500
22	3,490	4,260	e4,100	e1,950	e5,600	6,610	6,180	6,890	4,900	1,810	1,420	2,140
23	3,610	3,770	e3,100	e2,050	e4,900	6,860	6,340	6,410	6,520	1,710	1,460	2,400
24	3,630	4,470	e3,200	e2,000	e3,900	6,460	6,190	6,830	6,240	2,350	985	2,540
25	3,780	4,010	e3,200	e2,150	e2,900	6,330	5,960	6,590	4,800	1,810	1,030	2,320
26	4,110	3,590	e3,400	e2,250	e2,700	5,490	5,810	6,250	6,270	1,570	967	2,430
27	4,250	4,140	e3,500	e2,800	e3,000	5,550	6,030	5,470	5,390	1,810	1,170	2,440
28	4,070	3,790	e3,400	e3,100	e3,000	5,820	6,910	5,370	5,200	1,430	1,240	2,000
29	4,070	3,670	e3,600	e3,300	---	5,890	6,890	5,720	6,350	1,440	1,380	2,070
30	4,250	4,460	e3,700	e3,400	---	5,820	7,730	5,410	6,070	1,560	1,270	2,150
31	4,620	---	e3,700	e3,600	---	5,950	---	5,280	---	1,850	1,040	---
TOTAL	115,290	119,950	125,520	87,100	111,700	183,100	178,720	306,910	182,340	96,240	43,942	74,829
MEAN	3,719	3,998	4,049	2,810	3,989	5,906	5,957	9,900	6,078	3,105	1,417	2,494
MAX	6,220	4,470	5,110	3,900	6,400	9,000	7,730	26,100	11,800	6,350	2,180	6,100
MIN	2,650	2,930	2,070	1,800	2,700	3,500	4,800	5,280	4,190	1,430	967	685
AC-FT	228,700	237,900	249,000	172,800	221,600	363,200	354,500	608,800	361,700	190,900	87,160	148,400

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1953 - 2003, BY WATER YEAR (WY)

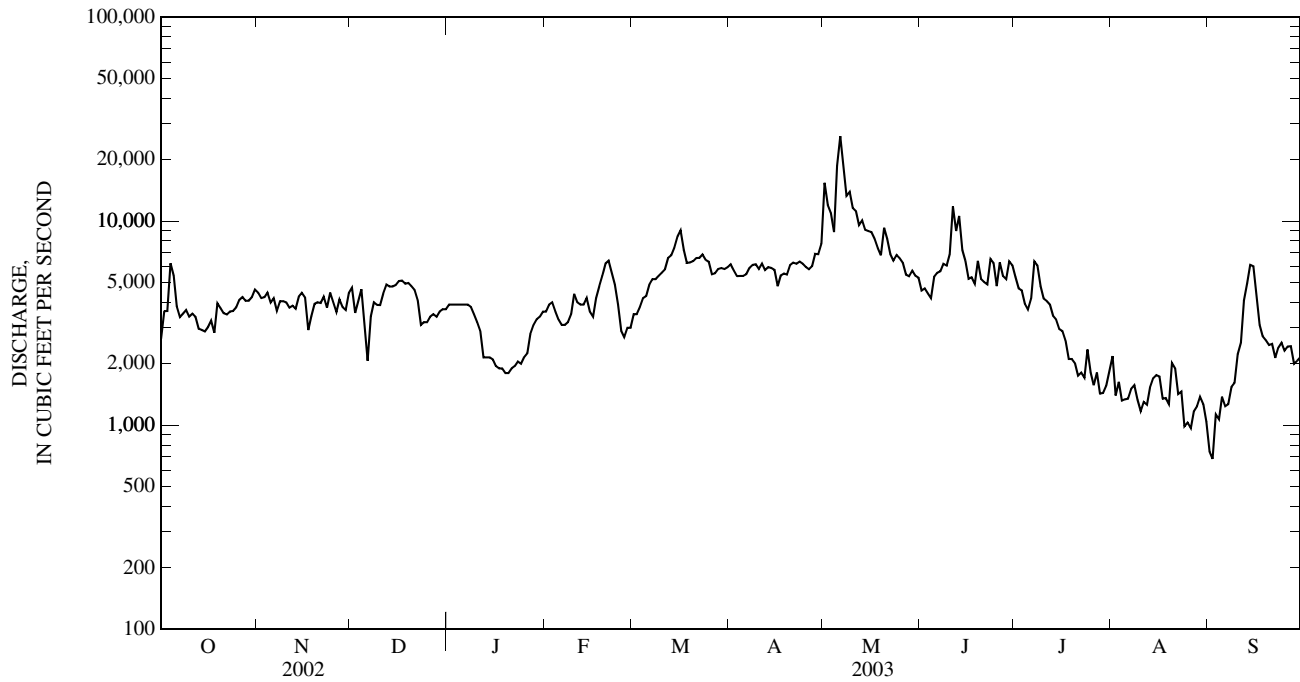
MEAN	5,153	5,515	4,919	4,791	7,474	11,070	9,924	9,880	11,170	6,220	4,104	4,269
MAX	15,630	10,580	10,910	10,810	17,270	27,010	34,250	35,350	39,430	43,440	13,890	12,870
(WY)	(1987)	(1987)	(1985)	(1998)	(1984)	(1993)	(1984)	(1984)	(1984)	(1993)	(1993)	(1993)
MIN	1,604	2,234	1,456	1,822	3,237	4,898	3,701	2,548	2,493	978	519	975
(WY)	(1957)	(1956)	(1956)	(1957)	(1955)	(1957)	(1967)	(1955)	(1981)	(1974)	(1955)	(1955)

06805500 PLATTE RIVER AT LOUISVILLE, NE—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 1953 - 2003	
ANNUAL TOTAL	1,555,891		1,625,641		7,052	
ANNUAL MEAN	4,263		4,454		16,210	
HIGHEST ANNUAL MEAN					2,885	
LOWEST ANNUAL MEAN					138,000	
HIGHEST DAILY MEAN	15,300	Mar 15	26,100	May 6	131	Jul 25, 1993
LOWEST DAILY MEAN	658	Jul 30	685	Sep 2	159	Sep 3, 1976
ANNUAL SEVEN-DAY MINIMUM	752	Jul 30	1,040	Aug 31	*160,000	Aug 29, 1976
MAXIMUM PEAK FLOW			34,200	May 6	**12.45	Jul 25, 1993
MAXIMUM PEAK STAGE			7.20	May 6	Mar 30, 1960	
ANNUAL RUNOFF (AC-FT)	3,086,000		3,224,000		5,109,000	
10 PERCENT EXCEEDS	6,930		6,800		12,900	
50 PERCENT EXCEEDS	4,000		4,000		5,310	
90 PERCENT EXCEEDS	1,460		1,590		2,040	

e Estimated.

* Stage 11.90 ft.

** Discharge 124,000 ft³/s.

06805500 PLATTE RIVER AT LOUISVILLE, NE—Continued
(National Water-Quality Assessment, NAWQA, station)

WATER-QUALITY RECORDS

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

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 1974 to September 1981.

WATER TEMPERATURES: November 1974 to September 1981.

SUSPENDED SEDIMENT DISCHARGE: October 1971 to September 1981.

REMARKS.--Prior to July 1, 1971, sediment records were obtained by the U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum daily, 3,450 microsiemens Sept. 1, 1976; minimum daily, 254 microsiemens Aug. 7, 1981.

WATER TEMPERATURES: Maximum, 36.0° C July 24, 1977, Aug. 19, 1979; minimum 0.0° C on many days during winter periods.

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

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

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Turbidity, water, unfltrd field, NTU (61028)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)
OCT													
10...	1000	3.12	3,000	48	739	10.7	110	8.4	676	--	15.0	148	176
NOV													
15...	1100	3.46	4,170	40	742	12.1	100	9.3	598	5.5	6.0	164	197
DEC													
12...	1000	3.62	4,810	60	737	13.8	99	8.3	654	0.0	0.5	166	201
JAN													
16...	1100	2.75	2,580	13	748	E11.0	--	7.9	766	-7.0	0.0	196	236
FEB													
13...	0930	4.15	7,240	17	743	12.9	90	8.6	649	-3.5	-0.2	176	212
MAR													
13...	1200	4.09	7,140	65	744	13.2	97	8.0	520	6.0	1.5	152	183
APR													
18...	1000	3.73	5,540	E61	733	10.2	99	8.4	592	--	12.2	158	172
MAY													
02...	0930	5.00	11,200	3,600	739	7.5	73	8.0	469	13.3	13.1	125	151
15...	1000	4.57	9,210	640	735	8.5	91	7.8	518	14.0	17.1	163	199
30...	0900	3.62	5,080	110	729	8.5	101	8.4	695	22.4	21.5	173	178
JUN													
12...	1030	4.29	8,100	2,800	732	7.0	81	8.0	409	19.7	19.9	124	151
26...	1200	3.98	7,190	730	740	8.1	95	8.4	596	24.0	21.5	190	213
JUL													
11...	1000	3.33	3,740	440	737	6.9	88	8.4	506	24.0	25.6	175	198
24...	1000	3.03	2,850	100	738	10.0	119	8.8	460	21.5	22.5	170	200
AUG													
07...	1030	2.78	1,940	78	736	9.1	114	8.9	435	27.0	25.0	168	189
21...	1000	2.79	2,230	76	732	9.0	118	8.2	706	28.7	26.8	161	176
SEP													
04...	1200	2.12	1,000	27	743	10.4	126	8.6	1,400	27.7	23.1	200	201
19...	1000	2.83	2,580	160	742	10.9	109	8.8	753	11.5	14.0	158	192

06805500 PLATTE RIVER AT LOUISVILLE, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Carbon- ate, wat flt incrm. titr., field, mg/L (00452)	Chlor- ide, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L (71846)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L (71851)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L (71856)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitro- gen, water, unfltrd mg/L (00605)	Ortho- phos- phate, water, fltrd, mg/L (00660)
OCT 10...	2	79.8	57.1	1.4	0.12	0.09	3.25	0.73	0.79	0.168	0.051	1.4	0.432
NOV 15...	2	57.0	43.9	0.76	0.16	0.12	6.36	1.44	1.45	0.056	0.017	0.64	0.782
DEC 12...	--	61.4	54.9	1.0	0.38	0.29	6.67	1.51	1.53	0.076	0.023	0.73	0.767
JAN 16...	1	82.8	60.2	0.37	0.16	0.12	8.12	1.83	1.86	0.089	0.027	0.24	0.825
FEB 13...	1	54.1	61.0	0.47	0.17	0.13	7.22	1.63	1.67	0.118	0.036	0.34	0.699
MAR 13...	1	35.4	53.5	1.0	0.24	0.18	7.11	1.61	1.64	0.105	0.032	0.84	0.797
APR 18...	10	53.0	57.3	1.4	--	<0.04	--	--	<0.06	--	E.007	--	0.239
MAY 02...	0.0	--	--	13	0.68	0.53	7.37	1.67	1.74	0.237	0.072	12	1.06
15...	0.0	19.9	55.1	2.8	--	E.03	8.44	1.91	1.95	0.128	0.039	--	0.920
30...	16	--	--	2.1	--	<0.04	0.775	0.18	0.20	0.072	0.022	--	0.184
JUN 12...	--	21.3	37.7	9.3	0.09	0.07	8.27	1.87	1.97	0.348	0.106	9.2	0.601
26...	9	--	--	3.8	--	<0.04	5.74	1.30	1.33	0.115	0.035	--	0.629
JUL 11...	8	66.0	59.1	2.5	--	<0.04	8.11	1.83	1.85	0.059	0.018	--	0.883
24...	3	--	--	1.6	--	<0.04	--	--	<0.06	--	<0.008	--	0.380
AUG 07...	8	85.7	50.4	1.7	--	<0.04	--	--	<0.06	--	E.007	--	0.497
21...	10	--	--	1.9	--	<0.04	--	--	<0.06	0.039	0.012	--	0.711
SEP 04...	21	276	84.3	1.4	--	<0.04	0.491	0.11	0.15	0.118	0.036	--	0.935
19...	0.0	--	--	3.1	--	<0.04	1.70	0.39	0.43	0.141	0.043	--	0.767

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Partic- ulate nitro- gen, susp, water, mg/L (49570)	Phos- phorus, water, unfltrd mg/L (00665)	Total nitro- gen, water, unfltrd mg/L (00600)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	2,6-Di- ethyl- aniline water fltrd 0.7u GF ug/L (82660)	CIAT, water, fltrd, ug/L (04040)	Aceto- chlor, water, fltrd, ug/L (49260)	Ala- chlor, water, fltrd, ug/L (46342)	alpha- HCH, water, fltrd, ug/L (34253)
OCT 10...	0.14	0.78	0.37	2.2	4.5	<0.1	4.5	3.1	<0.006	E.028	0.010	<0.004	<0.005
NOV 15...	0.26	0.46	0.36	2.2	3.0	<0.1	3.0	2.0	<0.006	E.016	<0.006	<0.004	<0.005
DEC 12...	0.25	0.58	0.37	2.6	4.4	<0.1	4.4	2.4	<0.006	E.019	<0.006	<0.004	<0.005
JAN 16...	0.27	0.11	0.32	2.2	0.7	<0.1	0.7	2.9	<0.006	E.024	<0.006	<0.004	<0.005
FEB 13...	0.23	0.15	0.28	2.1	1.1	<0.1	1.1	2.3	<0.006	E.022	<0.006	<0.004	<0.005
MAR 13...	0.26	0.38	0.44	2.7	2.8	<0.1	2.8	2.8	<0.006	E.026	<0.010	<0.004	<0.005
APR 18...	0.08	1.08	0.37	--	7.1	<0.1	7.1	3.5	<0.006	E.025	0.022	0.007	<0.005
MAY 02...	0.35	--	4.54	14	--	--	--	--	<0.006	E.145	14.2	0.798	<0.005
15...	0.30	2.24	0.99	4.8	18.1	0.1	17.9	6.4	<0.006	E.135	0.853	0.105	<0.005
30...	0.06	--	0.49	2.3	--	--	--	--	<0.006	E.115	0.161	0.018	<0.005
JUN 12...	0.20	4.22	3.77	11	35.8	0.4	35.5	5.6	<0.006	E.433	5.92	0.505	<0.005
26...	0.20	--	1.27	5.2	--	--	--	--	<0.006	E.057	0.121	0.030	<0.005
JUL 11...	0.29	1.72	0.89	4.3	14.6	E.3	E14.3	4.8	<0.006	E.127	0.171	0.010	<0.005
24...	0.12	--	0.52	--	--	--	--	--	<0.006	E.055	0.022	<0.004	<0.005
AUG 07...	0.16	1.58	0.47	--	10.4	<0.1	10.3	3.6	<0.006	E.025	0.011	<0.004	<0.005
21...	0.23	--	0.57	--	--	--	--	--	<0.006	E.018	0.008	<0.004	<0.005
SEP 04...	0.30	1.06	0.55	1.5	6.1	<0.1	6.1	3.6	<0.006	E.023	0.007	<0.004	<0.005
19...	0.25	--	0.73	3.6	--	--	--	--	<0.006	E.032	0.020	<0.007	<0.005

06805500 PLATTE RIVER AT LOUISVILLE, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Atra- zine, water, fltrd, ug/L (39632)	Azin- phos- methyl, water, fltrd 0.7u GF ug/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF ug/L (82673)	Butyl- ate, water, fltrd, ug/L (04028)	Car- baryl, water, fltrd 0.7u GF ug/L (82680)	Carbo- furan, water, fltrd 0.7u GF ug/L (82674)	Chlor- pyrifos water, fltrd, ug/L (38933)	cis- Per- methrin water fltrd 0.7u GF ug/L (82687)	Cyana- zine, water, fltrd, ug/L (04041)	DCPA, water fltrd 0.7u GF ug/L (82682)	Desulf- inyl fipronil, water, fltrd, ug/L (62170)	Diazi- non, water, fltrd, ug/L (39572)	Diel- drin, water, fltrd, ug/L (39381)
OCT 10...	0.150	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	E.009	<0.003	<0.004	E.004	<0.005
NOV 15...	0.042	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005
DEC 12...	0.046	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.006	<0.005
JAN 16...	0.060	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005
FEB 13...	0.054	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005
MAR 13...	0.050	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005
APR 18...	0.071	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005
MAY 02...	14.1	<0.050	<0.010	<0.002	<0.041	<0.020	<0.010	<0.006	<0.030	<0.003	<0.004	<0.005	<0.005
15...	3.80	<0.050	<0.010	<0.002	<0.041	<0.025	0.007	<0.006	E.018	E.003	<0.004	<0.005	<0.005
30...	1.96	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	E.005	<0.003	<0.004	E.003	<0.005
JUN 12...	11.8	<0.050	<0.010	<0.002	<0.041	<0.020	<0.010	<0.006	<0.100	<0.003	<0.004	E.004	<0.005
26...	2.00	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	E.004	<0.005
JUL 11...	2.02	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	0.005	<0.005
24...	0.563	<0.050	<0.010	<0.002	<0.041	<0.020	E.003	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005
AUG 07...	0.262	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	<0.005	<0.005
21...	0.183	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	0.007	<0.005
SEP 04...	0.223	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	0.007	<0.005
19...	0.169	<0.050	<0.010	<0.002	<0.041	<0.020	<0.005	<0.006	<0.018	<0.003	<0.004	E.004	<0.005

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Disul- foton, water, fltrd 0.7u GF ug/L (82677)	EPTC, water, fltrd 0.7u GF ug/L (82668)	Ethal- flur- alin, water, fltrd 0.7u GF ug/L (82663)	Etho- prop, water, fltrd 0.7u GF ug/L (82672)	Desulf- inyl- fipronil amide, wat flt ug/L (62169)	Fipronil sulfide water, fltrd, ug/L (62167)	Fipronil sulfone water, fltrd, ug/L (62168)	Fipronil, water, fltrd, ug/L (62166)	Fonofos water, fltrd, ug/L (04095)	Lindane water, fltrd, ug/L (39341)	Linuron water fltrd 0.7u GF ug/L (82666)	Malathion, water, fltrd, ug/L (39532)	Methyl para- thion, water, fltrd 0.7u GF ug/L (82667)
OCT 10...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
NOV 15...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
DEC 12...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
JAN 16...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
FEB 13...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
MAR 13...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
APR 18...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
MAY 02...	<0.02	0.004	<0.009	<0.005	<0.009	<0.005	<0.005	E.016	<0.003	<0.004	<0.035	<0.027	<0.006
15...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
30...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
JUN 12...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	E.008	<0.003	<0.004	<0.035	<0.027	<0.006
26...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
JUL 11...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
24...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
AUG 07...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
21...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
SEP 04...	<0.02	<0.002	<0.009	<0.005	<0.009	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006
19...	<0.02	<0.002	<0.009	<0.005	E.004	<0.005	<0.005	<0.007	<0.003	<0.004	<0.035	<0.027	<0.006

06805500 PLATTE RIVER AT LOUISVILLE, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Metola- chlor, water, fltrd, ug/L (39415)	Metri- buzin, water, fltrd, ug/L (82630)	Moli- nate, water, fltrd 0.7u GF ug/L (82671)	Naprop- amide, water, fltrd 0.7u GF ug/L (82684)	p,p'- DDE, water, fltrd, ug/L (34653)	Para- thion, water, fltrd, ug/L (39542)	Peb- ulate, water, fltrd 0.7u GF ug/L (82669)	Pendi- meth- alin, water, fltrd 0.7u GF ug/L (82683)	Phorate water fltrd 0.7u GF ug/L (82664)	Prome- ton, water, fltrd, ug/L (04037)	Pron- amide, water, fltrd 0.7u GF ug/L (82676)	Propa- chlor, water, fltrd, ug/L (04024)	Pro- panil, water, fltrd 0.7u GF ug/L (82679)
OCT 10...	0.024	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	E.01	<0.004	<0.010	<0.011
NOV 15...	E.011	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	E.01	<0.004	<0.010	<0.011
DEC 12...	E.003	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011
JAN 16...	E.007	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	M	<0.004	<0.010	<0.011
FEB 13...	0.014	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011
MAR 13...	0.015	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011
APR 18...	0.026	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	E.01	<0.004	<0.010	<0.011
MAY 02...	4.54	0.029	<0.002	<0.007	<0.003	<0.010	<0.004	E.017	<0.011	0.02	<0.004	<0.010	<0.300
15...	1.46	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	0.02	<0.004	<0.010	<0.011
30...	0.399	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	E.01	<0.004	<0.010	<0.011
JUN 12...	2.78	0.105	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	E.01	<0.004	<0.010	<0.011
26...	0.434	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	0.02	<0.004	<0.010	<0.011
JUL 11...	0.407	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	E.01	<0.004	<0.010	<0.011
24...	0.092	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	E.01	<0.004	<0.010	<0.011
AUG 07...	0.038	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	<0.01	<0.004	<0.010	<0.011
21...	0.034	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	0.02	<0.004	<0.010	<0.011
SEP 04...	0.022	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	E.01	<0.004	<0.010	<0.011
19...	0.113	<0.006	<0.002	<0.007	<0.003	<0.010	<0.004	<0.022	<0.011	E.01	<0.004	<0.010	<0.011

PLATTE RIVER BASIN

06805500 PLATTE RIVER AT LOUISVILLE, NE—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Propar- gite, water, fltrd 0.7u GF ug/L (82685)	Sima- zine, water, fltrd, ug/L (04035)	Tebu- thiuron water fltrd 0.7u GF ug/L (82670)	Terba- cil, water, fltrd 0.7u GF ug/L (82665)	Terbu- fos, water, fltrd 0.7u GF ug/L (82675)	Thio- bencarb water fltrd 0.7u GF ug/L (82681)	Tri- allate, water, fltrd 0.7u GF ug/L (82678)	Tri- flur- alin, water, fltrd 0.7u GF ug/L (82661)	Suspnd. sedi- ment, sieve diametr percent <.063mm (70331)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment load, tons/d (80155)
OCT 10...	<0.02	E.004	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	72	112	907
NOV 15...	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--	106	1,200
DEC 12...	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	84	103	1,340
JAN 16...	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--	408	2,840
FEB 13...	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	11	330	6,450
MAR 13...	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--	321	6,180
APR 18...	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	73	137	2,050
MAY 02...	<0.02	0.028	<0.02	<0.034	<0.02	<0.005	<0.002	0.014	90	3,740	113,000
15...	<0.02	0.016	<0.02	<0.034	<0.02	<0.005	<0.002	E.003	--	863	21,500
30...	<0.02	0.009	E.01	<0.034	<0.02	<0.005	<0.002	<0.009	--	347	4,760
JUN 12...	<0.02	0.045	<0.02	<0.034	<0.02	<0.005	<0.002	E.008	--	3,020	66,000
26...	<0.02	0.010	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--	--	--
JUL 11...	<0.02	0.013	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	82	501	5,060
24...	<0.02	0.009	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--	419	3,220
AUG 07...	<0.02	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	70	178	932
21...	<0.02	0.007	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--	274	1,650
SEP 04...	<0.29	<0.005	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	94	70	189
19...	<0.05	E.004	<0.02	<0.034	<0.02	<0.005	<0.002	<0.009	--	--	--

Remark codes used in this table:

< -- Less than

E -- Estimated value

M-- Presence verified, not quantified

06805500 PLATTE RIVER AT LOUISVILLE, NE—Continued

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