

STATE OF NEBRASKA

**DEPARTMENT OF NATURAL
RESOURCES**

**DISCHARGE RECORDS OF STREAMS, CANALS, PUMPS
AND STORAGE IN RESERVOIRS**

2006

**Prepared Under the Direction of Ann Bleed, Acting Director
Department of Natural Resources**

2006

HYDROGRAPHIC REPORT

STATE OF NEBRASKA

DEPARTMENT OF NATURAL RESOURCES

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HYDROGRAPHIC REPORT

2006

INTRODUCTION and EXPLANATION OF DATA

Most stream gaging data in Nebraska are published in the Nebraska Department of Natural Resource's Hydrographic Report and the Water Resources Data for Nebraska compiled by the U. S. Geological Survey.

The Water Resources Data for Nebraska, an online publication by the U. S. Geological Survey, includes stream and river data for gaging stations operated by the U. S. Geological Survey and its cooperators, including the Department of Natural Resources. Information can be obtained by contacting the Director, U. S. Geological Survey, Nebraska Water Science Center, 5231 South 19th Street, Lincoln, Nebraska 68512-1271. These data are not published in this report.

The Hydrographic Report for water year 2006 provides a record of stream flow, reservoir storage, and diversions for irrigation and power in Nebraska for gages operated by the Nebraska Department of Natural Resources according to statutory authority granted under Statutes 61-208, 61-211, 46-227, 46-256, and 46-261. This report also includes some records for gages operated by agencies other than the Department of Natural Resources and U.S. Geological Survey. These sites and the operating agency are identified in the station headings. Stations are listed in order from upstream to downstream (downstream order) according to the river basin map on the next page. Multiple gages on a canal system are also in downstream order on the canal. The data presented include mean daily discharges for streams and canals and both daily and monthly reservoir storage values. Instantaneous and daily discharge values are expressed in cubic feet per second (cfs), monthly and annual totals are cubic foot per second-days (cfs-days) and acre-feet. Reservoir storage values are in acre-feet. Zero means there is no flow, a blank indicates no record was made. An "e" next to a daily record indicates an estimated value. Estimated values usually result from either a poor stage-discharge relationship due to a backwater condition or a missing or poor gage height record. Headings describe the period of record, type of gage and locations of gage sites by legal coordinates of Section, Township, and Range, East or West of the 6th Principal Meridian. The "Remarks" section for stations operated year round includes a statement on the accuracy of daily records. U.S. Geological Survey criteria are adopted for these accuracy ratings: If 95 percent of daily discharges are within 5 percent of true values the record is rated "excellent," if they are within 10 percent, the rating is "good," within 15 percent is "fair," and less than 15 percent is "poor."

Data may be converted to other common units of measurement using the table of equivalents listed below:

1 cubic foot.....	7.48 gallons or 62.4 lbs. of water
1 cubic foot.....	0.02832 cubic meters
1 acre-foot.....	43,560 cubic feet or 325,851 gallons
1 cubic foot per second (cfs).....	448.8 gallons per minute
1 cfs for 24 hours.....	1.983 acre-feet
1,000 gallons per minute.....	2.23 cfs
1,000 gallons per minute.....	4.42 acre-feet per day

The Hydrographic Report is available on the internet at the department's web page address www.dnr.ne.gov. Copies of the Hydrographic Report can be obtained by contacting the Nebraska Department of Natural Resources, PO Box 94676, Lincoln, Nebraska 68509-4676 or by E-mail glindeman@dnr.state.ne.us. Questions or comments can be directed to Guy H. Lindeman at this address or call (402) 471-2363.

Gage records from this and previous years publications are also provided on the Nebraska Department of Natural Resources' computerized Data Bank. This information can be obtained on the internet at the Department of Natural Resources web page address www.dnr.ne.gov or by contacting the Data Bank Administrator, Nebraska Department of Natural Resources, PO Box 94676, Lincoln, Nebraska 68509-4676. For E-mail requests, use mbansal@dnr.ne.gov.

WHITE RIVER BASIN

WHITE RIVER at Crawford, 06444000

LOCATION.--SE1/4SW1/4 Sec. 3-31-52 W., Dawes County, Lat. 42° 41' 12", Long. 103° 25' 02", on right bank 15 feet downstream from bridge in city park at Crawford.

DRAINAGE AREA.--313 square miles.

GAGE.--Continuous stage recorder. Gage datum is 3,659.85 feet National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--Feb. 1931 to Sep. 1943, Oct. 1947 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 13,300 cubic feet per second May 10, 1991, gage height 16.32 feet from flood mark. Discharge calculated by indirect method from road overflow and contracted bridge opening. Minimum daily discharge 2.7 cubic feet per second August 13, 31, September 1, 1960.

EXTREMES FOR CURRENT YEAR.--Peak discharge 82 cubic feet per second August 22, gage height 3.38 feet; maximum gage height 3.56 feet due to backwater from ice; minimum daily discharge 3.7 cubic feet per second August 21.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	15	21	26	25	24	27	26	24	22	14	11	12
2	14	21	21	25	24	25	26	24	21	17	12	16
3	14	21	24	24	23	25	26	24	20	18	10	13
4	15	20	24	24	23	25	26	25	19	16	8.3	14
5	19	20	24e	24	24	25	25	27	19	14	7.3	15
6	18	21	23e	24	24	24	26	26	18	13	7.1	13
7	17	21	22e	24	24	25	33	25	18	11	8.0	13
8	17	21	18e	25	23	25	31	25	18	11	9.9	12
9	17	21	19e	24	23	26	27	26	18	10	9.7	14
10	22	21	20e	23	22	25	26	25	21	13	8.6	17
11	22	22	22	24	24	25	26	24	21	14	7.1	15
12	20	22	23	23	25	26	26	24	20	13	7.1	17
13	19	22	23	23	24	26	26	24	19	12	9.2	14
14	19	22	23	23	23	26	25	23	18	11	10	12
15	18	22	22	24	24	26	25	23	17	10	9.0	11
16	18	21	28	23	22	27	25	23	17	9.4	7.3	12
17	18	21	26e	23	27	26	25	23	19	8.8	6.1	12
18	18	21	25e	24	25e	25	25	23	19	10	5.1	14
19	18	22	20e	24	25e	27	24	22	18	9.3	5.8	14
20	19	21	20e	24	24e	27	24	22	18	9.6	4.6	14
21	19	22	22e	24	23e	26	24	23	17	13	3.7	15
22	19	22	24	23	26e	26	24	23	19	11	22	17
23	19	22	26	29	27	26	23	22	20	9.5	7.0	22
24	19	21	25	25	26	27	26	22	18	8.2	6.6	20
25	19	22	24	24	27	28	28	21	16	7.8	9.6	17
26	20	22	24	25	26	28	29	21	15	7.1	17	16
27	20	22	24	24	27	32	27	21	14	11	20	15
28	20	20	24	24	28	29	25	21	13	8.2	20	16
29	20	17	24	24	---	27	24	22	13	6.8	17	15
30	20	21	23	24	---	29	24	21	13	6.6	13	15
31	20	---	23	24	---	27	---	22	---	7.4	12	---
TOTAL	572	635	716	747	687	818	777	721	538	340.7	311.1	442
MEAN	18.5	21.0	23.1	24.1	24.5	26.4	25.9	23.2	17.8	11.0	10.0	14.8
MAX	22	22	28	29	28	32	33	27	22	18	22	22
MIN	14	17	18	23	22	24	23	21	13	6.6	3.7	11
AC-FT	1135	1260	1420	1482	1363	1622	1541	1430	1067	676	617	877
CAL YEAR 2005 TOTAL			8062	MEAN	22.1	MAX	62.0	MIN	11.0	AC-FT	15990	
WTR YEAR 2006 TOTAL			7305	MEAN	20.0	MAX	33.0	MIN	3.7	AC-FT	14490	

e indicates estimated discharge.

WHITE RIVER BASIN

WHITNEY RESERVOIR from White River, 00410000

LOCATION.--NW1/4SE1/4 Sec. 34-33-51 W. near Whitney

GAGE.--Staff gage

PERIOD OF RECORD.--1925 - 1929, 1933 - 1942, 1944 - present

STORAGE LEVEL	GAGE HEIGHT (Feet)	CONTENT (Acre-feet)
Top of conservation pool	17.70	10,700
Top of dead storage pool	5.00	500

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	9260	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	3072	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	9350	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	10790	---	---	---	---	---	---

NIOBRARA RIVER BASIN

NIOBRARA RIVER at Wyoming-Nebraska State Line, 06454000

LOCATION.--NE1/4NE1/4 Sec. 19-31-57 W., Sioux County, Nebraska, Lat. 42° 39' 10", Long. 104° 03' 07", on right bank 1 mile downstream from Van Tassel Creek on county road, 0.1 mile downstream from Wyoming-Nebraska State Line, and 2 miles east of Van Tassel, WY.

DRAINAGE AREA.--Approximately 455 square miles.

GAGE.--Continuous stage recorder. Gage datum is 4,682.70 feet National Geodetic Vertical Datum of 1929. Present gage moved 3/4 mile downstream September 17, 1996. Datum at previous gage location was 4,687.70 feet. Discharge at present site about one cubic foot per second greater than at old site.

PERIOD OF RECORD.--1955 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,120 cubic feet per second August 16, 1977, gage height 8.28 feet; minimum daily discharge 0.54 cubic feet per second August 9, 1975.

EXTREMES FOR CURRENT YEAR.--Peak discharge 7.5 cubic feet per second March 30, gage height 3.22 feet; maximum gage height 3.47 feet July 3 due to backwater from weeds; minimum daily discharge 0.96 cubic feet per second August 24.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.5	2.6	2.7	3.2	2.7	4.3	4.7	3.0	4.3	1.6	1.5	1.8
2	1.5	2.6	2.8	3.1	2.7	3.8	4.1	2.9	3.1	2.5	2.2	1.7
3	1.4	2.7	2.7	3.1	2.7	3.8	3.8	2.8	2.7	4.1	1.6	1.7
4	1.5	2.7	2.5	2.9	2.7	3.8	4.0	3.3	2.4	2.5	1.4	1.7
5	2.2	2.8	2.4	2.8	3.0	3.6	3.9	4.2	2.3	2.2	1.3	1.8
6	1.8	2.9	2.5	2.9	2.8	3.6	3.9	4.2	2.4	2.1	1.0	1.8
7	1.7	2.9	2.5	3.0	2.9	3.7	5.5	3.6	2.2	2.0	1.4	1.8
8	1.6	3.0	2.5	3.2	3.0	4.1	5.3	3.4	2.1	1.9	1.5	1.7
9	1.6	2.8	2.7	3.1	3.0	4.1	4.2	3.8	2.2	2.1	1.3	1.8
10	2.3	3.0	2.9	3.1	2.7	3.7	3.7	3.5	2.5	2.3	1.2	2.0
11	2.4	3.1	2.7	3.2	2.7	3.6	3.5	3.4	3.2	2.2	1.1	1.9
12	2.0	3.2	2.6	3.2	2.8	4.1	3.4	3.3	2.4	2.0	1.2	1.9
13	1.8	3.1	2.6	3.1	2.9	3.9	3.3	3.2	2.1	1.9	1.5	1.9
14	1.8	3.3	2.5	3.2	2.9	3.7	3.1	3.1	1.9	1.8	1.4	1.8
15	1.8	2.8	2.4	3.3	2.9e	3.9	3.1	3.1	1.8	1.8	1.2	1.8
16	1.8	2.8	2.3	3.2	3.0e	4.0	3.0	3.0	1.9	1.6	1.2	1.8
17	1.9	3.0	2.2	3.0	3.0e	3.7	2.9	2.9	1.9	1.5	1.2	1.8
18	2.0	3.1	2.2	3.1	3.0e	3.5	2.9	2.8	1.6	1.6	1.2	1.9
19	2.0	3.3	2.4	3.1	3.0e	4.1	2.8	2.7	1.5	1.5	1.3	1.9
20	2.1	3.2	2.6	3.0	3.0e	3.9	2.6	3.0	1.7	1.6	1.2	2.0
21	2.3	3.3	2.8	2.9	3.0e	3.7	2.7	3.5	1.5	1.7	1.2	2.0
22	2.3	3.3	2.8	2.7	3.0e	3.7	2.7	3.1	1.9	1.7	1.3	2.1
23	2.1	3.1	2.9	2.7	3.0	3.9	2.7	2.9	2.3	1.6	1.2	3.1
24	2.2	3.1	2.7	2.7	3.0	4.1	3.0	2.9	2.3	1.5	0.96	2.7
25	2.4	3.1	2.7	2.7	3.1	4.7	3.8	2.7	2.1	1.5	1.00	2.3
26	2.5	3.0	2.8	2.7	3.2	5.5	4.2	2.7	1.9	1.5	1.9	2.4
27	2.6	3.1	3.0	2.7	3.8	5.6	3.5	2.9	1.9	1.7	3.0	2.4
28	2.6	2.6	2.9	2.7	4.3	5.6	3.0	2.8	1.7	1.6	2.6	2.3
29	2.6	2.7	3.0	2.7	---	5.7	2.9	3.8	1.7	1.5	1.9	2.3
30	2.6	2.7	2.9	2.6	---	6.7	2.9	3.0	1.6	1.4	1.8	2.4
31	2.5	---	2.9	2.7	---	4.9	---	3.7	---	1.4	1.7	---
TOTAL	63.4	88.9	82.1	91.6	83.8	131	105.1	99.2	65.1	57.9	45.46	60.5
MEAN	2.0	3.0	2.7	2.9	3.0	4.2	3.5	3.2	2.2	1.9	1.5	2.0
MAX	2.6	3.3	3.0	3.3	4.3	6.7	5.5	4.2	4.3	4.1	3.0	3.1
MIN	1.4	2.6	2.2	2.6	2.7	3.5	2.6	2.7	1.5	1.4	0.96	1.7
AC-FT	126	176	163	182	166	260	208	197	129	115	90	120
CAL YEAR 2005	TOTAL		1003	MEAN	2.7	MAX	12.0	MIN	1.4	AC-FT	1990	
WTR YEAR 2006	TOTAL		974	MEAN	2.7	MAX	6.7	MIN	0.96	AC-FT	1932	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

JOHNSON CANAL from Niobrara River, 00072000

LOCATION.--NE1/4NE1/4 Sec. 1-30-57 W. near Harrison

GAGE.--Continuous stage recorder and 1.5 ft. Parshall flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	3.7	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.00	3.6	0.00	0.00	0.00
3	---	---	---	---	---	---	---	0.00	3.5	0.00	0.00	0.00
4	---	---	---	---	---	---	---	0.00	3.4	0.00	0.00	0.00
5	---	---	---	---	---	---	0.00	0.00	3.4	0.00	0.00	0.00
6	---	---	---	---	---	---	0.00	0.00	3.2	0.00	0.00	0.00
7	---	---	---	---	---	---	0.00	0.00	4.0	0.00	0.00	0.00
8	---	---	---	---	---	---	0.00	0.00	4.1	0.00	0.00	0.00
9	---	---	---	---	---	---	0.00	0.00	0.36	0.00	0.00	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	1.9	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	3.0	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	2.9	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	3.1	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	3.2	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	3.4	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	17.5	29.26	0	0	0
MEAN	---	---	---	---	---	---	0.000	0.57	0.98	0.000	0.000	0.000
MAX	---	---	---	---	---	---	0.00	3.4	4.1	0.00	0.00	0.00
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35	58	0.00	0.00	0.00
CAL YEAR 2005	MAX	7.3	MIN	0.000	AC-FT	164						
WTR YEAR 2006	MAX	4.1	MIN	0.000	AC-FT	93						

NIOBRARA RIVER BASIN

LAKOTA CANAL from Niobrara River, 00079000

LOCATION.--NE1/4NE1/4 Sec. 12-30-57 W. near Harrison

GAGE.--Continuous stage recorder and 2 ft. Parshall flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.94	1.9	1.0	---	---	---	---	2.6	0.02	0.83	0.08	1.2
2	0.93	1.9	1.0	---	---	---	---	2.3	0.02	1.3	0.21	1.3
3	0.92	1.9	1.0	---	---	---	---	2.4	0.02	1.3	0.22	1.1
4	0.93	1.9	1.1	---	---	---	---	2.4	0.02	1.4	0.23	0.98
5	0.99	1.9	1.0	---	---	---	3.6	2.5	0.02	1.2	0.19	0.93
6	1.1	1.9	0.17	---	---	---	3.3	2.5	0.02	1.3	0.20	0.94
7	1.2	1.9	0.00	---	---	---	2.8	2.5	0.02	1.6	0.19	0.96
8	1.2	1.9	0.00	---	---	---	0.61	2.5	0.02	1.2	0.19	0.98
9	1.2	1.8	0.00	---	---	---	3.8	2.5	0.13	1.1	0.17	0.96
10	1.4	1.7	0.00	---	---	---	3.8	2.4	0.99	1.0	0.16	0.96
11	1.5	1.8	0.00	---	---	---	3.8	2.3	1.1	0.95	0.14	1.0
12	1.6	2.5	0.00	---	---	---	3.6	2.1	1.1	0.93	0.13	1.1
13	1.6	2.1	---	---	---	---	3.5	2.0	1.1	0.87	0.16	1.1
14	1.6	1.3	---	---	---	---	3.3	1.9	1.1	0.78	0.18	1.1
15	1.7	1.4	---	---	---	---	3.1	1.7	1.0	0.76	0.18	1.0
16	1.7	1.3	---	---	---	---	2.9	1.5	1.0	0.68	0.18	1.1
17	1.6	1.3	---	---	---	---	2.7	1.4	1.00	0.61	0.22	1.1
18	1.6	1.5	---	---	---	---	2.6	1.3	0.97	0.52	0.25	1.1
19	1.6	1.5	---	---	---	---	2.6	1.2	0.83	0.44	0.24	1.1
20	1.7	1.8	---	---	---	---	2.5	1.1	0.78	0.43	0.26	1.2
21	1.7	1.6	---	---	---	---	2.5	1.0	0.70	0.32	0.27	1.4
22	1.7	1.4	---	---	---	---	2.5	1.0	0.77	0.22	0.27	1.7
23	1.7	1.4	---	---	---	---	2.5	1.1	0.81	0.23	0.28	2.3
24	1.8	1.4	---	---	---	---	2.7	1.0	0.94	0.21	0.26	2.4
25	1.8	1.3	---	---	---	---	2.9	0.95	1.0	0.19	0.25	1.6
26	1.8	1.4	---	---	---	---	3.2	0.91	1.0	0.17	0.35	1.7
27	1.8	1.2	---	---	---	---	3.1	0.47	1.0	0.19	0.40	1.7
28	1.8	1.0	---	---	---	---	2.9	0.07	0.95	0.16	0.50	1.7
29	1.9	1.00	---	---	---	---	3.0	0.02	0.92	0.12	0.60	1.5
30	1.9	1.0	---	---	---	---	2.8	0.02	0.85	0.07	0.77	1.4
31	1.9	---	---	---	---	---	---	0.02	---	0.02	1.00	---
TOTAL	46.81	47.9	5.27	0	0	0	76.61	47.66	20.2	21.1	8.73	38.61
MEAN	1.5	1.6	0.44	---	---	---	3.0	1.5	0.68	0.68	0.28	1.3
MAX	1.9	2.5	1.1	---	---	---	3.8	2.6	1.1	1.6	1.00	2.4
MIN	0.92	1.00	0.00	---	---	---	0.61	0.02	0.02	0.02	0.08	0.93
AC-FT	93	95	10	0.00	0.00	0.00	152	95	40	42	17	77
CAL YEAR 2005	MAX	7.9	MIN	0.000	AC-FT	1172						
WTR YEAR 2006	MAX	3.8	MIN	0.000	AC-FT	621						

NIOBRARA RIVER BASIN

EARNEST CANAL (SOUTH) from Niobrara River, 00038100

LOCATION.--SW1/4SE1/4 Sec. 9-29-56 W. near Harrison

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.7	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
2	1.6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
3	1.6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
4	1.5	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
5	1.5	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
6	1.6	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
7	1.7	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
8	1.7	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	1.7	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
10	1.9	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
11	2.0	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
12	2.1	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
13	2.4	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
14	2.4	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
15	2.4	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
16	2.3	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
17	2.3	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
18	2.4	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
19	2.5	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
20	2.3	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	1.7	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
22	1.6	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
23	1.6	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
24	1.6	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
25	1.6	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
26	1.6	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
27	1.6	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
28	1.6	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
29	1.3	---	---	---	---	---	0.00	2.1	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	3.4	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	4.3	---	0.00	0.00	---
TOTAL	53.8	0	0	0	0	0	0	9.8	0	0	0	0
MEAN	1.9	---	---	---	---	---	0.000	0.32	0.000	0.000	0.000	0.000
MAX	2.5	---	---	---	---	---	0.00	4.3	0.00	0.00	0.00	0.00
MIN	1.3	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	107	0.00	0.00	0.00	0.00	0.00	0.00	19	0.00	0.00	0.00	0.00
CAL YEAR 2005	MAX	5.3	MIN	0.000	AC-FT	749						
WTR YEAR 2006	MAX	4.3	MIN	0.000	AC-FT	126						

NIOBRARA RIVER BASIN

EARNEST CANAL (NORTH) from Niobrara River, 00038200

LOCATION.--NE1/4SE1/4 Sec. 9-29-56 W. near Harrison

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.87	---	---	---	---	---	---	2.4e	0.00e	0.00	0.00	0.57
2	0.82	---	---	---	---	---	---	2.5e	0.00e	0.00	0.00	0.53
3	0.78	---	---	---	---	---	---	2.5e	0.00e	0.00	0.00	0.49
4	0.76	---	---	---	---	---	---	2.5e	0.00e	0.00	0.00	0.45
5	1.0	---	---	---	---	---	---	2.6e	0.00e	0.00	0.00	0.47
6	1.1	---	---	---	---	---	---	2.8e	0.00e	0.00	0.00	0.52
7	1.2	---	---	---	---	---	---	2.9e	0.00e	0.00	0.00	0.29
8	1.3	---	---	---	---	---	---	3.0e	2.2	0.00	0.00	0.02
9	1.4	---	---	---	---	---	---	3.0	0.99	0.00	0.00	0.02e
10	1.5	---	---	---	---	---	---	3.0	0.66	0.00	0.00	0.02e
11	1.7	---	---	---	---	---	2.2e	2.9	0.80	0.00	0.00	0.06e
12	1.2	---	---	---	---	---	2.2e	2.9	0.54	0.00	0.00	0.06e
13	---	---	---	---	---	---	2.2e	2.8	0.42	0.00	0.00	0.07
14	---	---	---	---	---	---	2.2e	2.6	0.35	0.00	0.00	0.07
15	---	---	---	---	---	---	2.2e	2.5	0.16	0.00	0.00	0.08e
16	---	---	---	---	---	---	2.2e	2.4	0.00	0.00	0.00	0.09e
17	---	---	---	---	---	---	2.2e	2.2	0.00	0.00	0.00	0.17e
18	---	---	---	---	---	---	2.3e	2.9	0.00	0.00	0.00	0.17e
19	---	---	---	---	---	---	2.3e	4.2	0.00	0.00	0.00	0.18
20	---	---	---	---	---	---	2.3	4.5	0.00	0.00	0.00	0.23
21	---	---	---	---	---	---	2.3	4.5	0.00	0.00	0.00	0.31
22	---	---	---	---	---	---	2.4	4.5	0.00	0.00	0.00	0.47
23	---	---	---	---	---	---	2.3	1.7e	0.00	0.00	0.00	0.77
24	---	---	---	---	---	---	2.2	1.7e	0.00	0.00	0.00	1.1
25	---	---	---	---	---	---	2.3	1.7e	0.00	0.00	0.00	1.3
26	---	---	---	---	---	---	2.4	1.7e	0.00	0.00	0.00	1.4
27	---	---	---	---	---	---	2.3e	1.7e	0.00	0.00	0.00	1.5
28	---	---	---	---	---	---	2.3e	1.7e	0.00	0.00	0.44	1.7
29	---	---	---	---	---	---	2.3e	1.3e	0.00	0.00	1.0	1.7
30	---	---	---	---	---	---	2.4e	0.00e	0.00	0.00	0.57	1.5
31	---	---	---	---	---	---	---	0.00e	---	0.00	0.61	---
TOTAL	13.63	0	0	0	0	0	45.5	77.6	6.12	0	2.62	16.31
MEAN	1.1	---	---	---	---	---	2.3	2.5	0.20	0.000	0.085	0.54
MAX	1.7	---	---	---	---	---	2.4	4.5	2.2	0.00	1.0	1.7
MIN	0.76	---	---	---	---	---	2.2	0.00	0.00	0.00	0.00	0.02
AC-FT	27	0.00	0.00	0.00	0.00	0.00	90	154	12	0.00	5.2	32
CAL YEAR 2005	MAX		3.9	MIN	0.000	AC-FT	122					
WTR YEAR 2006	MAX		4.5	MIN	0.000	AC-FT	321					

e indicates estimated discharge.

NIOBRARA RIVER BASIN

McGINLEY-STOVER CANAL from Niobrara River, 00084000

LOCATION.--NE1/4SE1/4 Sec. 25-29-56 W. near Agate

GAGE.--Continuous stage recorder and 2 ft. Parshall flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	2.0	0.00	5.3	0.49
2	---	---	---	---	---	---	---	0.00	0.00	0.00	5.5	0.00
3	---	---	---	---	---	---	---	0.00	0.00	0.00	5.4	0.00
4	---	---	---	---	---	---	---	0.00	0.00	0.00	5.3	0.00
5	---	---	---	---	---	---	---	0.00	0.00	0.00	5.4	0.00
6	---	---	---	---	---	---	---	0.00	0.00	0.00	5.5	0.00
7	---	---	---	---	---	---	---	0.00	0.00	0.00	5.7	2.1
8	---	---	---	---	---	---	---	0.00	0.00	0.00	5.6	3.0
9	---	---	---	---	---	---	---	0.00	0.00	0.00	3.3	3.0
10	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	3.0
11	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	2.9
12	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	4.4
13	---	---	---	---	---	---	0.00	0.00	4.0	0.00	0.00	4.6
14	---	---	---	---	---	---	0.00	0.00	4.7	0.00	0.00	4.2
15	---	---	---	---	---	---	0.00	0.00	4.0	0.00	0.00	3.9
16	---	---	---	---	---	---	0.00	0.00	3.8	0.00	0.00	3.5
17	---	---	---	---	---	---	0.00	0.00	3.6	0.45	0.00	3.1
18	---	---	---	---	---	---	0.00	4.0	3.1	1.7	0.00	2.7
19	---	---	---	---	---	---	0.00	5.2	2.8	1.8	0.00	1.2
20	---	---	---	---	---	---	0.00	5.4	2.5	2.9	0.00	0.00
21	---	---	---	---	---	---	0.00	5.0	2.1	4.6	0.00	0.00
22	---	---	---	---	---	---	0.00	4.6	2.2	4.6	0.00	0.00
23	---	---	---	---	---	---	0.00	5.2	2.0	4.4	0.00	0.00
24	---	---	---	---	---	---	0.00	4.4	1.3	4.6	0.00	0.00
25	---	---	---	---	---	---	0.00	4.0	0.00	4.6	0.00	0.00
26	---	---	---	---	---	---	0.00	3.7	0.00	4.7	1.0	0.00
27	---	---	---	---	---	---	0.00	3.5	0.00	4.8	2.6	0.00
28	---	---	---	---	---	---	0.00	3.2	0.00	4.7	2.1	0.00
29	---	---	---	---	---	---	0.00	3.3	0.00	4.7	1.8	0.00
30	---	---	---	---	---	---	0.00	2.7	0.00	4.8	1.8	0.00
31	---	---	---	---	---	---	---	2.6	---	5.0	1.7	---
TOTAL	0	0	0	0	0	0	0	56.8	38.1	58.35	58	42.09
MEAN	---	---	---	---	---	---	0.000	1.8	1.3	1.9	1.9	1.4
MAX	---	---	---	---	---	---	0.00	5.4	4.7	5.0	5.7	4.6
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113	76	116	115	83
CAL YEAR 2005	MAX	6.2	MIN	0.000	AC-FT	409						
WTR YEAR 2006	MAX	5.7	MIN	0.000	AC-FT	502						

NIOBRARA RIVER BASIN

COOK CANAL NO. 1 from Niobrara River, 00029000

LOCATION.--SE1/4NE1/4 Sec. 2-28-56 W.

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - 1982, 1985 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.33	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.33	0.22	0.00	0.00
3	---	---	---	---	---	---	---	0.00	0.34	1.1	0.00	0.00
4	---	---	---	---	---	---	---	0.00	0.35	0.72	0.00	0.00
5	---	---	---	---	---	---	---	0.00	0.35	0.65	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.34	0.61	0.00	0.00
7	---	---	---	---	---	---	---	0.00	0.32	0.72	0.00	0.00
8	---	---	---	---	---	---	---	0.00	0.31	0.94	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.32	0.86	0.00	0.00
10	---	---	---	---	---	---	0.00	0.22	0.42	0.71	0.00	0.00
11	---	---	---	---	---	---	0.00	0.52	0.46	0.62	0.00	0.00
12	---	---	---	---	---	---	0.00	0.50	0.41	0.55	0.00	0.00
13	---	---	---	---	---	---	0.00	0.49	0.38	0.46	0.00	0.00
14	---	---	---	---	---	---	0.00	0.47	0.26	0.42	0.00	0.00
15	---	---	---	---	---	---	0.00	0.46	0.19	0.44	0.00	0.00
16	---	---	---	---	---	---	0.00	0.46	0.00	0.38	0.00	0.00
17	---	---	---	---	---	---	0.00	0.45	0.04	0.28	0.00	0.00
18	---	---	---	---	---	---	0.00	0.45	0.30	0.05	0.00	0.00
19	---	---	---	---	---	---	0.00	0.38	0.28	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.34	0.26	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	0.33	0.20	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	0.30	0.25	0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	0.30	0.35	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	0.31	0.32	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	0.26	0.32	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	0.24	0.37	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	0.28	0.22	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	0.29	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	0.26	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	0.24	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.29	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	7.84	8.02	9.73	0	0
MEAN	---	---	---	---	---	---	0.000	0.25	0.27	0.32	0.000	0.000
MAX	---	---	---	---	---	---	0.00	0.52	0.46	1.1	0.00	0.00
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16	16	19	0.00	0.00
CAL YEAR 2005	MAX	1.7	MIN	0.000	AC-FT	56						
WTR YEAR 2006	MAX	1.1	MIN	0.000	AC-FT	51						

NIOBRARA RIVER BASIN

HARRIS-NEECE CANAL from Niobrara River, 00062000

LOCATION.--NW1/4SE1/4 Sec. 3-28-55 W. near Agate

GAGE.--Continuous stage recorder and 30 inch cutthroat flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	7.3	7.4	3.2	0.00
2	---	---	---	---	---	---	---	0.00	7.2	8.8	3.7	0.00
3	---	---	---	---	---	---	---	0.00	7.1	14	4.0	0.00
4	---	---	---	---	---	---	---	0.00	7.3	14	4.1	0.00
5	---	---	---	---	---	---	---	0.00	7.5	12	3.9	0.00
6	---	---	---	---	---	---	---	0.00	7.9	9.8	3.7	0.00
7	---	---	---	---	---	---	---	0.00	8.0	8.3	3.8	0.00
8	---	---	---	---	---	---	---	0.00	8.3	7.2	3.7	0.00
9	---	---	---	---	---	---	---	0.00	8.1	6.6	3.3	0.00
10	---	---	---	---	---	---	0.00	0.00	9.5	6.5	3.0	0.00
11	---	---	---	---	---	---	0.00	0.00	10	6.1	2.6	0.00
12	---	---	---	---	---	---	0.00	0.00	10.0	5.2	2.2	0.70
13	---	---	---	---	---	---	0.00	0.00	4.1	4.2	2.0	1.5
14	---	---	---	---	---	---	0.00	0.00	0.00	3.2	1.8	1.5
15	---	---	---	---	---	---	0.00	0.00	0.00	2.6	0.57	1.5
16	---	---	---	---	---	---	0.00	0.00	2.7	1.3	0.00	1.5
17	---	---	---	---	---	---	0.00	7.5	6.2	0.00	0.00	1.6
18	---	---	---	---	---	---	0.00	10	5.9	0.86	0.00	1.6
19	---	---	---	---	---	---	0.00	10	5.8	1.0	0.00	1.7
20	---	---	---	---	---	---	0.00	9.9	5.8	1.4	0.00	2.1
21	---	---	---	---	---	---	0.00	9.4	5.8	2.4	0.00	2.4
22	---	---	---	---	---	---	0.00	8.3	6.0	2.0	0.00	2.4
23	---	---	---	---	---	---	0.00	7.5	6.3	1.6	0.00	2.5
24	---	---	---	---	---	---	0.00	7.1	6.6	2.3	0.00	2.6
25	---	---	---	---	---	---	0.00	6.8	6.7	2.4	0.00	2.7
26	---	---	---	---	---	---	0.00	6.4	6.6	2.5	0.00	3.2
27	---	---	---	---	---	---	0.00	6.7	6.6	2.5	0.00	3.5
28	---	---	---	---	---	---	0.00	7.2	6.7	2.7	0.00	3.2
29	---	---	---	---	---	---	0.00	6.8	6.8	2.6	0.00	2.9
30	---	---	---	---	---	---	0.00	6.7	7.0	2.5	0.00	2.6
31	---	---	---	---	---	---	---	7.1	---	2.6	0.00	---
TOTAL	0	0	0	0	0	0	0	117.4	193.8	146.56	45.57	41.7
MEAN	---	---	---	---	---	---	0.000	3.8	6.5	4.7	1.5	1.4
MAX	---	---	---	---	---	---	0.00	10	10	14	4.1	3.5
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	233	384	291	90	83
CAL YEAR 2005	MAX	15.0	MIN	0.000	AC-FT	1170						
WTR YEAR 2006	MAX	14.0	MIN	0.000	AC-FT	1081						

LABELLE CANAL from Niobrara River, 00078000

LOCATION.--NW1/4NW1/4 Sec. 6-28-54 W. near Agate

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

MEAN DAILY VALUES

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	5.3	MIN	0.000	AC-FT	104
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00

NIOBRARA RIVER BASIN

METTLEN CANAL from Niobrara River, 00089000

LOCATION.--NW1/4NE1/4 Sec. 4-28-54 W. near Agate

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.57	6.1	1.4	1.1	0.00
2	0.00	---	---	---	---	---	---	0.57	6.7	1.7	1.5	0.00
3	0.00	---	---	---	---	---	---	0.57	7.2	2.9	1.2	0.00
4	0.00	---	---	---	---	---	---	0.57	3.9	4.1	0.90	0.00
5	---	---	---	---	---	---	---	0.57	1.3	5.4	0.65	0.00
6	---	---	---	---	---	---	---	0.57	0.96	5.8	0.44	0.00
7	---	---	---	---	---	---	---	0.57	0.94	5.1	0.44	0.00
8	---	---	---	---	---	---	---	0.47	0.91	4.1	0.53	0.00
9	---	---	---	---	---	---	---	0.44	1.0	2.0	0.54	0.00
10	---	---	---	---	---	---	1.5	0.44	1.4	1.9	0.52	0.00
11	---	---	---	---	---	---	1.3	0.42	1.5	1.7	0.53	0.00
12	---	---	---	---	---	---	1.2	0.41	0.84	1.7	0.60	0.00
13	---	---	---	---	---	---	1.1	0.42	0.67	1.7	0.41	0.00
14	---	---	---	---	---	---	0.91	0.42	0.67	1.9	0.00	0.00
15	---	---	---	---	---	---	0.77	0.40	1.9	1.7	0.00	0.00
16	---	---	---	---	---	---	0.67	0.41	2.1	1.6	0.00	0.00
17	---	---	---	---	---	---	0.65	0.40	2.2	1.5	0.00	0.00
18	---	---	---	---	---	---	0.62	0.44	3.9	2.1	0.00	0.00
19	---	---	---	---	---	---	0.61	1.7	2.9	3.7	0.00	0.00
20	---	---	---	---	---	---	0.47	3.1	2.4	3.3	0.00	0.00
21	---	---	---	---	---	---	0.53	4.4	2.2	3.8	0.00	0.00
22	---	---	---	---	---	---	0.59	2.3	2.4	2.4	0.00	0.00
23	---	---	---	---	---	---	0.56	2.2	3.3	2.2	0.00	0.00
24	---	---	---	---	---	---	0.57	4.1	3.1	3.3	0.00	0.00
25	---	---	---	---	---	---	0.57	1.8	2.9	2.6	0.00	0.00
26	---	---	---	---	---	---	0.57	3.7	2.4	1.4	0.00	0.00
27	---	---	---	---	---	---	0.57	3.9	2.1	1.4	0.00	0.00
28	---	---	---	---	---	---	0.57	3.8	1.8	1.2	0.00	0.00
29	---	---	---	---	---	---	0.57	4.1	2.0	0.79	0.00	0.00
30	---	---	---	---	---	---	0.57	4.1	1.7	0.59	0.00	0.00
31	---	---	---	---	---	---	---	5.0	---	0.59	0.00	---
TOTAL	0	0	0	0	0	0	15.47	52.86	73.39	75.57	9.36	0
MEAN	0.000	---	---	---	---	---	0.74	1.7	2.4	2.4	0.30	0.000
MAX	0.00	---	---	---	---	---	1.5	5.0	7.2	5.8	1.5	0.00
MIN	0.00	---	---	---	---	---	0.47	0.40	0.67	0.59	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	31	105	146	150	19	0.00
CAL YEAR 2005	MAX	8.5	MIN	0.000	AC-FT	444						
WTR YEAR 2006	MAX	7.2	MIN	0.000	AC-FT	450						

NIOBRARA RIVER BASIN

BENNETT-KAY CANAL from Niobrara River, 00013000

LOCATION.--SE1/4SE1/4 Sec. 1-28-54 W. near Agate

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1958 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	2.1	0.00	0.00	0.00
2	0.00	---	---	---	---	---	---	0.00	2.0	0.00	0.00	0.00
3	0.00	---	---	---	---	---	---	0.00	2.1	0.00	0.72	0.00
4	0.00	---	---	---	---	---	---	0.00	2.0	0.00	1.7	0.00
5	---	---	---	---	---	---	---	0.00	2.0	0.00	1.6	0.00
6	---	---	---	---	---	---	---	0.00	1.6	0.00	1.5	0.00
7	---	---	---	---	---	---	---	0.00	0.00	0.00	1.5	0.00
8	---	---	---	---	---	---	---	0.00	0.00	0.00	1.4	0.00
9	---	---	---	---	---	---	---	0.00	0.00	0.00	1.4	0.00
10	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.4	0.00
11	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.2	0.00
12	---	---	---	---	---	---	0.00	0.00	0.00	0.00	1.3	0.00
13	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.46	0.00
14	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	0.95	0.00	0.00	0.00
17	---	---	---	---	---	---	0.00	0.00	2.6	0.00	0.00	0.00
18	---	---	---	---	---	---	0.00	0.00	2.1	0.00	0.00	0.00
19	---	---	---	---	---	---	0.00	0.00	1.5	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	1.8	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	1.9	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	0.68	2.0	0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	1.2	1.9	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	0.81	1.8	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	0.58	1.6	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	2.1	0.81	0.33	0.00	0.00
27	---	---	---	---	---	---	0.00	2.3	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	2.1	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	2.1	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	1.9	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	2.0	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	15.77	30.76	0.33	14.18	0
MEAN	0.000	---	---	---	---	---	0.000	0.51	1.0	0.011	0.46	0.000
MAX	0.00	---	---	---	---	---	0.00	2.3	2.6	0.33	1.7	0.00
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31	61	0.7	28	0.00
CAL YEAR 2005	MAX		4.2	MIN	0.000	AC-FT	163					
WTR YEAR 2006	MAX		2.6	MIN	0.000	AC-FT	121					

NIOBRARA RIVER BASIN

MOORE - KAY CANAL from Niobrara River, 00104000

LOCATION.--SE1/4NE1/4 Sec. 9-28-53 W. near Marsland

GAGE.--Continuous stage recorder and 2 ft. flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.4	---	---	---	---	---	---	0.55	0.90	---	---	---
2	1.3	---	---	---	---	---	---	0.45	0.67	---	---	---
3	1.3	---	---	---	---	---	---	0.39	0.61	---	---	---
4	1.2	---	---	---	---	---	---	0.40	0.48	---	---	---
5	1.3	---	---	---	---	---	---	0.51	0.38	---	---	---
6	1.3	---	---	---	---	---	---	0.30	0.29	---	---	---
7	1.3	---	---	---	---	---	---	0.30	0.29	---	---	---
8	1.3	---	---	---	---	---	---	0.30	0.46	---	---	---
9	1.3	---	---	---	---	---	---	0.30	---	---	---	---
10	1.6	---	---	---	---	---	---	0.26	---	0.62	---	---
11	1.8	---	---	---	---	---	---	0.14	---	1.1	---	---
12	1.7	---	---	---	---	---	---	0.06	3.1	1.1	---	---
13	1.6	---	---	---	---	---	---	0.03	4.2	0.98	---	---
14	1.5	---	---	---	---	---	---	---	3.0	1.0	---	---
15	1.4	---	---	---	---	---	---	---	2.2	1.0	---	---
16	1.6	---	---	---	---	---	---	---	2.2	1.0	---	---
17	1.9	---	---	---	---	---	---	---	2.2	0.99	---	---
18	2.4	---	---	---	---	---	---	---	1.9	1.0	---	---
19	4.4	---	---	---	---	---	---	---	2.0	1.0	---	---
20	5.7	---	---	---	---	---	---	---	2.3	1.1	---	---
21	---	---	---	---	---	---	---	---	---	1.2	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	5.1	---	---	---	---
24	---	---	---	---	---	---	0.18	5.0	---	---	---	---
25	---	---	---	---	---	---	0.66	4.4	---	---	---	---
26	---	---	---	---	---	---	1.0	4.6	---	---	---	---
27	---	---	---	---	---	---	1.1	4.4	---	---	---	---
28	---	---	---	---	---	---	0.80	4.6	---	---	---	---
29	---	---	---	---	---	---	0.62	2.5	---	---	---	---
30	---	---	---	---	---	---	0.61	0.96	---	---	---	---
31	---	---	---	---	---	---	---	0.99	---	---	---	---
TOTAL	37.3	0	0	0	0	0	4.97	36.54	27.18	12.09	0	0
MEAN	1.9	---	---	---	---	---	0.72	1.7	1.6	1.0	---	---
MAX	5.7	---	---	---	---	---	1.1	5.1	4.2	1.2	---	---
MIN	1.2	---	---	---	---	---	0.18	0.03	0.29	0.62	---	---
AC-FT	74	0.00	0.00	0.00	0.00	0.00	9.9	72	54	24	0.00	0.00
CAL YEAR 2005	MAX		5.8	MIN	0.000	AC-FT	444					
WTR YEAR 2006	MAX		5.7	MIN	0.030	AC-FT	234					

NIOBRARA RIVER BASIN

GEO. HITSHEW CANAL from Niobrara River, 00063000

LOCATION.--NE1/4SE1/4 Sec. 6-28-52 W. near Marsland

GAGE.--Continuous stage recorder and 30 inch cutthroat flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.72	---	---	---	---
2	---	---	---	---	---	---	---	1.3	---	---	---	---
3	---	---	---	---	---	---	---	1.6	---	---	---	---
4	---	---	---	---	---	---	---	1.0	---	---	---	---
5	---	---	---	---	---	---	---	0.81	---	---	---	---
6	---	---	---	---	---	---	---	0.79	---	---	---	---
7	---	---	---	---	---	---	---	0.41	---	---	---	---
8	---	---	---	---	---	---	---	0.07	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	0.03	---
16	---	---	---	---	---	---	---	---	---	---	0.06	---
17	---	---	---	---	---	---	---	---	---	---	0.07	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	0	0	0	0	0	0	0	6.7	0	0	0.16	0
MEAN	---	---	---	---	---	---	---	0.83	---	---	0.054	---
MAX	---	---	---	---	---	---	---	1.6	---	---	0.07	---
MIN	---	---	---	---	---	---	---	0.07	---	---	0.03	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.3	0.00
CAL YEAR 2005	MAX	3.7	MIN	0.000	AC-FT	30						
WTR YEAR 2006	MAX	1.6	MIN	0.030	AC-FT	14						

NIOBRARA RIVER BASIN

McLAUGHLIN CANAL from Niobrara River, 00086000

LOCATION.--NW1/4SE1/4 Sec. 9-28-52 W. near Marsland

GAGE.--Continuous stage recorder and 30 inch cutthroat flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.72	---	---	---	---
2	---	---	---	---	---	---	---	1.3	---	---	---	---
3	---	---	---	---	---	---	---	1.6	---	---	---	---
4	---	---	---	---	---	---	---	1.0	---	---	---	---
5	---	---	---	---	---	---	---	0.81	---	---	---	---
6	---	---	---	---	---	---	---	0.79	---	---	---	---
7	---	---	---	---	---	---	---	0.41	---	---	---	---
8	---	---	---	---	---	---	---	0.07	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	0.03	---
16	---	---	---	---	---	---	---	---	---	---	0.06	---
17	---	---	---	---	---	---	---	---	---	---	0.07	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
TOTAL	0	0	0	0	0	0	0	6.7	0	0	0.16	0
MEAN	---	---	---	---	---	---	---	0.83	---	---	0.054	---
MAX	---	---	---	---	---	---	---	1.6	---	---	0.07	---
MIN	---	---	---	---	---	---	---	0.07	---	---	0.03	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	0.00	0.00	0.3	0.00
CAL YEAR 2005	MAX	3.7	MIN	0.000	AC-FT	30						
WTR YEAR 2006	MAX	1.6	MIN	0.030	AC-FT	14						

EXCELSIOR CANAL from Niobrara River, 00046000

LOCATION.--SE1/4NE1/4 Sec. 10-28-52 W. near Marsland

GAGE.--Continuous stage recorder and 28 inch cutthroat flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00

NIOBRARA RIVER BASIN

HUGHES CANAL from Niobrara River, 00069000

LOCATION.--SW1/4SE1/4 Sec. 1-28-52 W. near Marsland

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
NO WATER WAS DIVERTED IN 2006												
CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00						

NIOBRARA RIVER BASIN

PIONEER CANAL from Niobrara River, 00123000

LOCATION.--NE1/4NE1/4 Sec. 36-29-51 W. near Marsland

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - 1982, 1986 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.03	4.6	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.00	4.8	0.00	0.00	0.00
3	---	---	---	---	---	---	---	0.00	4.8	0.00	0.00	0.00
4	---	---	---	---	---	---	---	0.00	4.6	0.00	0.00	0.00
5	---	---	---	---	---	---	---	0.00	4.5	0.00	0.00	0.00
6	---	---	---	---	---	---	---	0.00	4.4	0.00	0.00	0.00
7	---	---	---	---	---	---	---	0.00	4.3	0.00	0.00	0.00
8	---	---	---	---	---	---	---	0.00	4.3	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	4.3	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	4.4	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	3.7	0.00	0.00	0.00
12	---	---	---	---	---	---	0.00	0.72	0.10	0.00	0.00	0.00
13	---	---	---	---	---	---	0.00	5.7	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	0.00	5.9	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	0.00	5.9	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	0.00	5.8	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	0.00	5.0	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	0.00	4.6	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	0.00	4.4	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	4.8	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	2.8	5.0	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	4.4	5.0	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	4.3	5.0	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	4.1	5.0	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	4.1	4.7	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	4.1	4.4	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	4.1	4.3	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	4.1	4.0	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	4.0	4.1	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	2.3	4.1	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	4.3	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	38.3	92.75	48.8	0	0	0
MEAN	---	---	---	---	---	---	2.0	3.0	1.6	0.000	0.000	0.000
MAX	---	---	---	---	---	---	4.4	5.9	4.8	0.00	0.00	0.00
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	76	184	97	0.00	0.00	0.00
CAL YEAR 2005	MAX	5.4	MIN	0.000	AC-FT	167						
WTR YEAR 2006	MAX	5.9	MIN	0.000	AC-FT	357						

NIOBRARA RIVER BASIN

NIOBRARA RIVER above Box Butte Reservoir, 06454500

LOCATION.--NEL/4 Sec. 27-29-50 W., Dawes County, Lat. 42° 27' 35", Long. 103° 10' 16", on right bank
1 mile upstream from high-water line of Box Butte Reservoir and 6 miles east of Marsland.

DRAINAGE AREA.--Approximately 1,400 square miles.

GAGE.--Continuous stage recorder. Gage datum 4,012.47 feet above sea level.

PERIOD OF RECORD.--Oct. 1946 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 4,950 cubic feet per second July 28, 1951, gage height 10.30 feet; minimum daily discharge 1.6 cubic feet per second September 26, 1953.

EXTREMES FOR CURRENT YEAR.--Peak discharge 167 cubic feet per second November 28, gage height 5.53 feet; maximum gage height 5.64 feet February 10 due to backwater from ice; minimum daily discharge 6.7 cubic feet per second June 6 & 7.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	19	12e	19	23	30	38	34	10e	11	8.6	8.8
2	14	19	13e	17	24	34	37	34e	8.6	13	9.2	8.9
3	14	19	13e	20	21	37	33	34e	8.6	12	8.7	8.9
4	14e	19	15e	21	22	34	33	34e	7.8	12	8.4	8.8
5	14e	18	15e	21	22	40	31	30e	7.3	11	8.2	8.7
6	14e	18	15e	21	21	42	30	25e	6.7	11	7.9	8.7
7	14e	18	16e	21	22	39	38	20e	6.7	11	7.9	10.0
8	15e	19	16e	24	23	38	39	15e	7.1	10	8.0	9.9
9	15e	19	15e	24e	27	40	38	15e	7.9	9.9	7.7	11
10	15e	19	15	24e	26e	39	38	15e	9.1	10	7.3	11
11	15e	19	15	23e	26e	37	38	12e	10.0	11	7.1	11
12	16e	20	17	22e	25e	39	38	12e	22	11	6.9	10
13	16e	19	17	20e	24e	38	36	12e	13	10	7.1	10
14	16e	20	17	20e	24e	34	34	12e	13	9.4	7.1	9.8
15	17e	20	17e	19e	23e	36	32	11e	13	9.0	7.0	9.8
16	17e	18	17e	19e	23e	36	30	11e	12	8.5	6.9	9.9
17	17e	19	17e	18e	23e	35	29	11e	12	8.2	7.1	9.7
18	17e	22	18e	18e	23e	31	29	11e	12	8.1	7.5	9.7
19	17e	23	18e	17e	22e	33	28	11e	11	8.1	7.9	9.8
20	17e	23e	17e	17e	22e	34	26	11e	11	8.2	8.0	9.9
21	18e	22e	15e	20e	22e	27	22	11e	12	9.1	8.1	10
22	18e	20e	15e	21	22e	23	11	11e	12	9.0	8.0	11
23	18e	20e	16	26	22	28	18	11e	13	8.5	7.7	12
24	18e	18e	16	13	19	34	19	11e	13	8.5	7.5	12
25	18e	18e	17	12	19	34	17	10e	12	8.6	7.5	11
26	18e	18e	16	16	20	35	20	10e	12	8.8	8.9	11
27	18e	17e	17	18	23	42	21	10e	12	9.2	10	11
28	19e	15e	18	18	26	42	21	10e	12	8.6	11	11
29	19e	15e	21	19	---	42	20	10e	11	8.3	9.6	11
30	19e	14e	21	23	---	42	27	10e	11	8.2	8.8	11
31	19e	---	18	23	---	40	---	10e	---	8.3	8.8	---
TOTAL	510	567	505	614	639	1115	871	484	328.8	297.5	250.4	305.3
MEAN	16.5	18.9	16.3	19.9	22.8	35.9	29.0	15.6	11.0	9.6	8.1	10.1
MAX	19	23	21	26	27	42	39	34	22	13	11	12
MIN	14	14	12	12	19	23	11	10	6.7	8.1	6.9	8.7
AC-FT	1012	1125	1002	1218	1267	2212	1728	960	652	590	497	606
CAL YEAR 2005 TOTAL			7718	MEAN	21.1	MAX	72.0	MIN	9.6	AC-FT	15310	
WTR YEAR 2006 TOTAL			6487	MEAN	17.8	MAX	42.0	MIN	6.7	AC-FT	12870	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

BOX BUTTE RESERVOIR from Niobrara River, 06455000

LOCATION.--SW1/4NE1/4 Sec. 28-29-49 W., Dawes County, near Dunlap, Lat. 42° 27' 30", Long. 103° 04' 03"

GAGE.--Reference point

PERIOD OF RECORD.--1946 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains web page.

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6050	7140	8190	9200	10400	11500	13600	14700	14900	13500	5970	4300
2	6080	7170	8230	9240	10500	11600	13600	14700	14900	13200	5900	4320
3	6100	7210	8260	9290	10500	11600	13600	14800	14900	13000	5850	4340
4	6150	7250	8300	9330	10500	11700	13700	14800	14900	12500	5700	4370
5	6160	7290	8320	9370	10600	11800	13800	14900	14900	12600	5550	3960
6	6190	7320	8360	9420	10600	11800	13900	14900	14900	12400	5360	3760
7	6210	7360	8390	9470	10700	11900	13900	14900	14900	12000	5070	3760
8	6240	7400	8420	9500	10700	12000	13900	15000	14900	11700	4890	3660
9	6290	7430	8460	9550	10800	12000	14000	15000	14900	11500	4760	3610
10	6370	7460	8480	9580	10800	12100	14100	15000	14900	10800	4490	3600
11	6410	7510	8500	9630	10800	12100	14100	15000	14900	10300	4310	3690
12	6450	7560	8540	9670	10800	12200	14100	15100	14900	9860	4120	3720
13	6490	7570	8590	9700	10900	12300	14200	15100	14900	9590	4150	3740
14	6520	7670	8630	9750	10900	12300	14200	15100	14900	9590	4000	3770
15	6550	7640	8630	9810	11000	12400	14300	15100	14800	9320	3830	3800
16	6600	7680	8650	9830	11000	12400	14300	15100	14800	8720	3520	3840
17	6620	7710	8670	9860	11100	12500	14400	15100	14800	8280	3850	3860
18	6650	7780	8700	9900	11100	12600	14400	15100	14800	7970	3890	3860
19	6680	7780	8740	9930	11100	12600	14400	15100	14700	8750	3910	3880
20	6720	7830	8760	9980	11200	12700	14400	15000	14700	8590	3950	3910
21	6760	7870	8780	10000	11200	12800	14400	15000	14600	8540	3980	3950
22	6790	7910	8820	10000	11200	12800	14400	15000	14600	8380	4000	3930
23	6820	7940	8880	10100	11300	12900	14400	15000	14600	8250	4020	3920
24	6860	7980	8890	10100	11300	13000	14500	15000	14600	7700	4030	3900
25	6890	8020	8930	10100	11400	13000	14500	15000	14500	7430	4060	3870
26	6920	8050	8970	10200	11400	13200	14600	15000	14500	7160	4100	3810
27	6960	8140	9010	10200	11400	13200	14600	15000	14400	6940	4170	3790
28	7000	8110	9050	10300	11500	13300	14600	15000	14400	6690	4210	4090
29	7040	8110	9100	10300	---	13300	14700	14900	14000	6450	4230	3880
30	7070	8150	9120	10300	---	13500	14700	14900	13700	6170	4260	3820
31	7110	---	9170	10400	---	13500	---	14900	---	5960	4280	---
MEAN	6572	7668	8662	9811	10960	12470	14210	14970	14700	9481	4465	3891
MAX	7110	8150	9170	10400	11500	13500	14700	15100	14900	13500	5970	4370
MIN	6050	7140	8190	9200	10400	11500	13600	14700	13700	5960	3520	3600
CAL YEAR 2005	MEAN	9800	MAX	15200	MIN	5270	AC-FT	7095000				
WTR YEAR 2006	MEAN	9809	MAX	15100	MIN	3520	AC-FT	7101000				

NIOBRARA RIVER BASIN

NIOBRARA RIVER below Box Butte Reservoir, 06455500

LOCATION.--SE1/4 Sec. 28-29-49 W., Dawes County, Lat. 42° 27' 23", Long. 103° 04' 10", on left bank 0.2 mile downstream from Box Butte Reservoir and nine miles north of Hemingford.

DRAINAGE AREA.--Approximately 460 square miles.

GAGE.--Continuous stage recorder. Gage datum is 3,950.08 feet above sea level.

PERIOD OF RECORD.--Oct. 1946 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Flow completely regulated from Box Butte Reservoir. Records are good, except discharges below 2.0 cfs are fair and estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 616 cubic feet per second July 2, 1968, gage height 5.04 feet; minimum daily discharge 0.10 cubic feet per second for many days in 1947 and 1951.

EXTREMES FOR CURRENT YEAR.--Peak discharge 164 cubic feet per second July 17, gage height 4.26 feet; minimum daily discharge 0.70 cubic feet per second on August 23.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.75	0.80	0.80	0.82	0.81	0.81	0.85	1.00	0.96	80	109	0.90
2	0.75	0.80	0.79	0.84	0.81	0.83	0.85	0.98	0.91	88	92	0.86
3	0.75	0.80	0.85	0.81	0.81	0.83	0.87	0.97	0.88	96	84	0.81
4	0.76	0.81	0.85	0.72	0.81	0.83	0.89	1.0	0.88	107	79	0.77
5	0.80	0.80	0.85	0.73	0.81	0.83	0.88	1.1	0.87	105	78	38
6	0.77	0.76	0.83	0.72	0.80	0.83	0.90	1.0	0.88	92	79	77
7	0.77	0.74	0.82	0.73	0.80	0.83	0.92	0.98	0.86	94	87	72
8	0.77	0.74	0.82	0.74	0.80	0.84	0.90	1.0	0.88	100	94	63
9	0.78	0.74	0.82	0.72	0.82	0.86	0.91	1.0	0.91	107	91	61
10	0.89	0.74	0.82	0.72	1.1	0.86	0.89	0.98	0.99	117	90	55
11	0.87	0.74	0.81	0.73	0.82	0.86	0.90	0.95	0.95	136	92	35
12	0.82	0.77	0.82	0.73	0.80	0.87	0.90	0.92	0.96	145	91	0.90
13	0.79	0.75	0.82	0.72	0.80	0.86	0.88	0.93	0.91	151	80	0.81
14	0.77	0.81	0.81	0.73	0.82	0.86	0.89	0.93	0.90	143	69	0.77
15	0.77	0.75	1.1	0.74	0.84	0.86	0.88	0.90	1.7	133	71	0.79
16	0.76	0.76	0.82	0.72	0.84	0.86	0.88	0.91	9.2	140	81	0.81
17	0.74	0.77	0.85	0.77	0.83	0.86	0.89	0.89	0.92	155	79	0.76
18	0.74	0.77	0.81	0.81	0.83	0.86	0.93	0.88	0.85	158	1.2	0.77
19	0.74	0.74	0.79	0.80	0.81	0.86	0.93	0.88	8.6	119	8.6	0.77
20	0.74	0.75	0.79	0.78	0.80	0.86	0.91	0.89	16	83	0.79	0.77
21	0.74	0.76	0.79	0.78	0.80	0.86	0.92	0.89	8.0	78	0.81	0.77
22	0.74	0.76	0.82	0.78	0.80	0.86	0.91	0.87	15	70	0.76	0.79
23	0.77	0.77	0.80	0.78	0.80	0.86	0.92	0.87	20	70	0.70	0.81
24	0.77	0.76	0.81	0.79	0.80	0.85	0.99	0.86	16	85	0.79	0.78
25	0.77	0.76	0.81	0.78	0.80	0.85	1.00	0.86	13	107	0.87	0.76
26	0.77	0.78	0.81	0.78	0.80	0.85	1.0	0.87	11	114	0.93	0.74
27	0.77	0.79	0.82	0.78	0.80	0.85	0.98	0.88	11	118	1.0	0.75
28	0.77	1.1	0.81	0.79	0.80	0.85	0.98	0.91	8.3	116	0.98	0.73
29	0.77	0.91	0.83	0.80	---	0.85	0.99	0.90	58	115	0.95	0.72
30	0.79	0.82	0.81	0.80	---	0.85	0.99	0.90	69	117	0.93	0.73
31	0.80	---	0.81	0.81	---	0.85	---	0.97	---	119	0.91	---
TOTAL	23.99	23.55	25.59	23.75	22.96	26.34	27.53	28.87	279.31	3458	1458.47	419.07
MEAN	0.77	0.79	0.83	0.77	0.82	0.85	0.92	0.93	9.3	111.6	47.0	14.0
MAX	0.89	1.1	1.1	0.84	1.1	0.87	1.0	1.1	69	158	109	77
MIN	0.74	0.74	0.79	0.72	0.80	0.81	0.85	0.86	0.85	70	0.70	0.72
AC-FT	48	47	51	47	46	52	55	57	554	6859	2893	831
CAL YEAR 2005	TOTAL		5350	MEAN	14.7	MAX	140.0	MIN	0.69	AC-FT	10610	
WTR YEAR 2006	TOTAL		5817	MEAN	15.9	MAX	158.0	MIN	0.70	AC-FT	11540	

MONTAGUE CANAL from Niobrara River, 00102000

LOCATION.--SW1/4NW1/4 Sec. 27-29-48 W. near Dunlap

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - 1957, 1959 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep

NO WATER WAS DIVERTED IN 2006.												
CAL YEAR 2005	TOTAL		0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT		0.00
WTR YEAR 2006	TOTAL		0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT		0.00

NIOBRARA RIVER BASIN

LICHTE CANAL from Niobrara River, 00081000

LOCATION.--NW1/4SW1/4 Sec. 26-29-48 W. near Dunlap

GAGE.--Continuous stage recorder and 3 ft. Parshall flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.00	0.00	0.91	0.00
7	---	---	---	---	---	---	---	0.00	0.00	0.00	3.4	0.00
8	---	---	---	---	---	---	---	0.00	0.00	0.00	3.5	0.00
9	---	---	---	---	---	---	---	0.00	0.00	0.00	3.4	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.00	2.9	0.00
11	---	---	---	---	---	---	---	0.00	0.00	1.2	3.3	0.00
12	---	---	---	---	---	---	---	0.00	1.1	3.6	4.2	0.00
13	---	---	---	---	---	---	---	0.00	2.4	3.5	4.1	0.00
14	---	---	---	---	---	---	---	0.00	2.6	3.4	4.0	0.00
15	---	---	---	---	---	---	---	0.00	1.3	2.5	3.9	0.00
16	---	---	---	---	---	---	---	0.00	0.83	0.00	3.9	0.00
17	---	---	---	---	---	---	---	0.00	2.2	0.00	3.0	0.00
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	---	0.00	2.6	0.00	0.00	0.00
21	---	---	---	---	---	---	---	0.00	3.7	0.00	0.00	0.00
22	---	---	---	---	---	---	---	0.00	3.5	0.00	0.00	0.00
23	---	---	---	---	---	---	---	0.00	3.0	0.00	0.00	0.00
24	---	---	---	---	---	---	---	0.00	2.9	0.00	0.00	0.00
25	---	---	---	---	---	---	---	0.00	3.4	0.00	0.00	0.00
26	---	---	---	---	---	---	---	0.00	3.5	0.00	0.00	0.00
27	---	---	---	---	---	---	---	0.00	3.6	0.00	0.00	0.00
28	---	---	---	---	---	---	---	0.00	3.6	0.00	0.00	0.00
29	---	---	---	---	---	---	---	0.00	3.7	0.00	0.00	0.00
30	---	---	---	---	---	---	---	0.00	1.4	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	45.33	14.2	40.51	0
MEAN	---	---	---	---	---	---	---	0.000	1.5	0.46	1.3	0.000
MAX	---	---	---	---	---	---	---	0.00	3.7	3.6	4.2	0.00
MIN	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90	28	80	0.00
CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2006	MAX	4.2	MIN	0.000	AC-FT	198						

NIOBRARA RIVER BASIN

MIRAGE FLATS CANAL from Niobrara River, 00100000

LOCATION.--SE1/4NW1/4 Sec 26-29-48 W. near Dunlap

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1948 - present

REMARKS.--Values furnished by United States Bureau of Reclamation.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	0.00	140	0.00
2	---	---	---	---	---	---	---	---	---	0.00	122	0.00
3	---	---	---	---	---	---	---	---	---	0.00	86	0.00
4	---	---	---	---	---	---	---	---	---	0.00	67	0.00
5	---	---	---	---	---	---	---	---	---	48	69	11
6	---	---	---	---	---	---	---	---	---	88	67	78
7	---	---	---	---	---	---	---	---	---	92	72	84
8	---	---	---	---	---	---	---	---	---	106	84	71
9	---	---	---	---	---	---	---	---	---	112	84	71
10	---	---	---	---	---	---	---	---	---	119	93	67
11	---	---	---	---	---	---	---	---	---	144	104	56
12	---	---	---	---	---	---	---	---	---	147	100	12
13	---	---	---	---	---	---	---	---	---	153	96	0.00
14	---	---	---	---	---	---	---	---	---	151	81	0.00
15	---	---	---	---	---	---	---	---	---	142	79	---
16	---	---	---	---	---	---	---	---	---	138	85	---
17	---	---	---	---	---	---	---	---	---	149	88	---
18	---	---	---	---	---	---	---	---	---	154	39	---
19	---	---	---	---	---	---	---	---	---	142	0.00	---
20	---	---	---	---	---	---	---	---	---	105	0.00	---
21	---	---	---	---	---	---	---	---	---	101	0.00	---
22	---	---	---	---	---	---	---	---	---	89	0.00	---
23	---	---	---	---	---	---	---	---	---	85	0.00	---
24	---	---	---	---	---	---	---	---	---	87	0.00	---
25	---	---	---	---	---	---	---	---	---	110	0.00	---
26	---	---	---	---	---	---	---	---	---	120	0.00	---
27	---	---	---	---	---	---	---	---	---	136	0.00	---
28	---	---	---	---	---	---	---	---	---	129	0.00	---
29	---	---	---	---	---	---	---	---	---	130	0.00	---
30	---	---	---	---	---	---	---	---	---	133	0.00	---
31	---	---	---	---	---	---	---	---	---	140	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	3250	1556	450
MEAN	---	---	---	---	---	---	---	---	---	104.8	50.2	32.2
MAX	---	---	---	---	---	---	---	---	---	154	140	84
MIN	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6446	3086	893
CAL YEAR 2005	MAX	137.0	MIN	0.000	AC-FT	10620						
WTR YEAR 2006	MAX	154.0	MIN	0.000	AC-FT	10430						

NIOBRARA RIVER BASIN

POTMESIL CANAL from Niobrara River, 00124000

LOCATION.--SE1/4 NW1/4 Sec. 26-29-48 W. near Dunlap

GAGE.--Continuous stage recorder and 3 ft. Parshall flume

PERIOD OF RECORD.--1956 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.9	---	---	---	---	---	---	0.00	0.00	6.1	7.7	0.00
2	4.9	---	---	---	---	---	---	0.00	0.00	6.1	7.4	0.00
3	4.9	---	---	---	---	---	---	0.00	0.00	5.2	7.3	0.00
4	1.0	---	---	---	---	---	---	0.00	4.5	0.00	8.4	0.00
5	0.00	---	---	---	---	---	---	0.00	6.0	0.00	8.6	0.00
6	0.00	---	---	---	---	---	---	0.00	5.7	0.00	7.5	0.00
7	---	---	---	---	---	---	---	0.00	5.5	5.2	6.8	0.00
8	---	---	---	---	---	---	---	0.00	5.6	5.2	6.4	0.00
9	---	---	---	---	---	---	---	0.00	5.9	5.8	6.1	0.00
10	---	---	---	---	---	---	---	0.00	0.00	5.5	6.0	0.00
11	---	---	---	---	---	---	---	0.00	0.00	5.9	5.9	0.00
12	---	---	---	---	---	---	---	0.00	0.00	5.8	6.0	0.00
13	---	---	---	---	---	---	---	0.00	0.00	5.7	5.9	0.00
14	---	---	---	---	---	---	---	0.00	5.1	5.5	5.3	0.00
15	---	---	---	---	---	---	---	0.00	5.5	5.7	5.0	0.00
16	---	---	---	---	---	---	---	0.00	6.8	6.9	5.2	0.00
17	---	---	---	---	---	---	---	0.00	6.6	7.3	5.9	0.00
18	---	---	---	---	---	---	---	0.00	5.5	7.7	6.5	0.00
19	---	---	---	---	---	---	---	4.0	5.3	7.0	8.2	0.00
20	---	---	---	---	---	---	---	9.1	6.9	4.1	7.9	0.00
21	---	---	---	---	---	---	0.00	7.3	5.0	5.9	7.3	0.00
22	---	---	---	---	---	---	0.00	0.00	6.0	5.9	6.7	0.00
23	---	---	---	---	---	---	0.00	2.2	5.2	6.0	6.2	0.00
24	---	---	---	---	---	---	0.00	4.7	5.8	5.9	6.0	0.00
25	---	---	---	---	---	---	0.00	5.2	5.3	5.8	5.9	0.00
26	---	---	---	---	---	---	0.00	4.7	6.1	6.2	5.9	0.00
27	---	---	---	---	---	---	0.00	0.00	6.0	7.7	6.2	0.00
28	---	---	---	---	---	---	0.00	0.00	5.2	6.8	6.0	0.00
29	---	---	---	---	---	---	0.00	0.00	5.4	7.0	3.5	0.00
30	---	---	---	---	---	---	0.00	0.00	6.0	7.0	1.2	0.00
31	---	---	---	---	---	---	---	0.00	---	7.3	0.23	---
TOTAL	15.7	0	0	0	0	0	0	37.2	130.9	172.2	189.13	0
MEAN	2.6	---	---	---	---	---	0.000	1.2	4.4	5.6	6.1	0.000
MAX	4.9	---	---	---	---	---	0.00	9.1	6.9	7.7	8.6	0.00
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.23	0.00
AC-FT	31	0.00	0.00	0.00	0.00	0.00	0.00	74	260	342	375	0.00
CAL YEAR 2005	MAX		7.9	MIN	0.000	AC-FT	875					
WTR YEAR 2006	MAX		9.1	MIN	0.000	AC-FT	1081					

NIOBRARA RIVER BASIN

SNAKE RIVER at Doughboy, 06459175

LOCATION.--NE1/4NW1/4 Sec. 2-30-34 W., Cherry County, Lat. 42°36'51", Long. 101°16'38", on left bank 21 feet downstream from centerline of Doughboy bridge, 24 miles southwest of Nenzel.

DRAINAGE AREA.--Approximately 405 square miles, about 26 square miles of contributing drainage area.

GAGE.--Continuous stage recorder. Datum of gage is 3,095.92 ft. above National Geodetic Vertical Datum of 1929. Gage Datum was 3097.92 ft. from October 1, 1988 to May 17, 1994. Before October 1, 1988, gage datum was 3,098.92 ft.

PERIOD OF RECORD.--1981 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 469 cubic feet per second June 18, 2003, gage height 2.08 feet; maximum gage height 5.92 feet, present datum, January 7, 1982, due to backwater from ice; minimum daily discharge 79 cubic feet per second March 12, 1988.

EXTREMES FOR CURRENT YEAR.--Peak discharge 260 cubic feet per second April 8, gage height 0.96 feet; minimum daily discharge 119 cubic feet per second estimated September 19.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	166	142	155e	163	147	167	175	172	159	144	149	148
2	162	144	154e	164	145	164	173	170	155	158	157	145
3	161	143	149e	165	145	152	164	166	156	180	165	143
4	161	143	149e	164	142	144	164	163	158	178	169	141
5	162	144	147e	156	142	146	165	166	160	164	168	129
6	155	143	151e	156	144	148	171	169	150	154	161	139
7	156	146	149e	158	145	147	219	170	151	147	159	147
8	156	148	150e	159	143	147	241	168	151	143	165	145
9	156	146	162e	156	141	144	239	166	146	141	166	145
10	157	151	169	154	135e	139	205	162	172	144	157	134
11	160	154	172	156	133e	148	184	160	190	148	149	132
12	158	160	172	156	135e	156	171	161	169	149	155	134
13	159	161	171	152	138	151	167	163	160	146	152	129
14	158	157	166	155	146	153	166	159	154	143	147	124
15	156	152	163	156	146	156	165	157	155	141	143	125
16	156	146	156e	155	142e	159	168	159	184	133	145	133
17	157	153	151e	146	133e	164	170	160	201	136	154	131
18	154	158	148e	147	127e	159	167	159	171	137	156	125
19	151	159	151e	154	129e	160	158	159	162	144	153	119
20	151	159	152e	151	132e	159	160	158	159	148	145	124
21	152	162	154	146	133	155	163	158	160	152	157	127
22	150	164	161	145	140	164	162	158	158	145	160	157
23	141	164	165	146	142	169	164	159	158	147	152	166
24	146	164	165	145	152	168	169	161	165	146	149	150
25	148	165	170	151	149	172	172	161	155	150	147	145
26	148	168	169	153	143	174	184	166	146	147	152	139
27	147	168	168	151	155	192	190	172	146	149	167	144
28	142	164e	165	153	161	208	198	176	142	161	190	149
29	147	164e	163	147	---	236	185	160	142	149	164	146
30	145	157e	161	147	---	241	179	161	142	142	147	149
31	143	---	154	151	---	198	---	162	---	141	132	---
TOTAL	4761	4649	4932	4758	3965	5140	5358	5061	4777	4607	4832	4164
MEAN	153.5	155.1	159.1	153.4	141.6	165.8	178.5	163.3	159.2	148.6	155.9	138.8
MAX	166	168	172	165	161	241	241	176	201	180	190	166
MIN	141	142	147	145	127	139	158	157	142	133	132	119
AC-FT	9443	9221	9782	9437	7864	10200	10630	10040	9475	9138	9584	8259
CAL YEAR 2005	TOTAL		61776	MEAN	169.2	MAX	319.0	MIN	138.0	AC-FT	122500	
WTR YEAR 2006	TOTAL		57004	MEAN	156.2	MAX	241.0	MIN	119.0	AC-FT	113100	

e indicates estimated discharge.

NIOBRARA RIVER BASIN

MERRITT RESERVOIR from Snake River, 06459300

LOCATION.--SW1/4NW1/4 Sec. 29-31-30 W.

GAGE.--Reference point

PERIOD OF RECORD.--1965 - present

REMARKS.--Values furnished by Ainsworth Irrigation District

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	2946.0	74,486
Top of dead storage	2875.0	1,614

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	42550	52720	60560	61370	61100	61370	62460	65860	66730	64710	41810	28720
2	42930	53170	60560	61370	61100	61640	62460	66150	66730	64140	41080	28850
3	43310	53400	60830	61370	61100	61640	62740	65860	66730	63580	40180	29260
4	43690	53860	60830	61370	61100	61640	62740	65860	66730	63020	39470	29530
5	44070	54090	60830	61370	61100	61640	62740	65860	66730	62460	38770	29950
6	44260	54560	60830	61370	61370	61640	62740	65860	66730	61910	38080	30080
7	44650	54790	60830	61370	61370	61370	63300	65860	66730	61370	37240	30360
8	45040	55030	60830	61370	61100	61370	63300	66150	66440	60560	36580	30650
9	45240	55260	60830	61370	61100	61370	63580	66150	66730	59770	36090	30930
10	45630	55740	60830	61370	61100	61370	63860	66150	66730	58990	35540	31220
11	46020	55980	60830	61370	61100	61370	63860	66150	66730	58480	34970	31500
12	46220	56230	60830	61100	61100	61640	64140	66150	67020	57710	34350	31790
13	46620	56470	60830	61100	61100	61640	64140	66150	67020	56720	33880	30080
14	47030	56960	60830	61100	61100	61370	64430	66150	67020	55980	33430	32380
15	47230	57210	61100	61100	61100	61640	64430	65860	66730	55030	32980	32530
16	47630	57710	61100	61100	61100	61370	64430	65860	67020	54090	32380	32980
17	48040	57970	61100	61100	61100	61370	64710	66150	67020	53170	31940	33430
18	48250	58480	61100	61100	61100	61370	64710	66150	67020	52500	31650	33730
19	48660	58730	61100	61100	60830	61370	64710	66150	66730	51620	31500	24190
20	48870	58990	61100	61100	61100	61640	64710	66150	66730	50760	31500	24660
21	49080	59510	61100	61100	61100	61910	64710	66150	66730	50130	31360	35130
22	49280	59770	61100	61100	61100	61910	64710	66150	66730	49490	31070	35770
23	49700	60030	61100	60830	61370	61910	64710	66150	66730	48660	30500	36420
24	50130	60030	61100	60830	61370	61640	65000	66150	66730	47840	29950	37080
25	50550	60300	61370	60830	61370	61640	65280	66150	66730	47230	29530	37410
26	50760	60300	61640	60830	61370	61910	65570	66150	66730	46420	29120	37920
27	51190	60300	61640	60830	61370	61910	65570	66150	66730	45630	28720	38430
28	51410	60300	61370	61100	61370	62190	65570	66440	66150	44840	28580	38770
29	51840	60560	61370	61100	---	61910	65860	66440	65570	44070	28580	39470
30	52280	60560	61370	61100	---	62190	65860	66730	66150	43310	28580	39820
31	52500	---	61370	61100	---	62460	---	66730	---	42550	28580	---
MEAN	47570	57300	61040	61150	61170	61660	64230	66130	66700	54090	33480	32770
MAX	52500	60560	61640	61370	61370	62460	65860	66730	67020	64710	41810	39820
MIN	42550	52720	60560	60830	60830	61370	62460	65860	65570	42550	28580	24190
CAL YEAR 2005	MEAN	55280	MAX	61640	MIN	42550						
WTR YEAR 2006	MEAN	55570	MAX	67020	MIN	24190						

NIOBRARA RIVER BASIN

AINSWORTH CANAL from Merritt Reservoir, 00001000

LOCATION.--NW1/4NE1/4 Sec. 29-31-30 W. near Valentine

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1965 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	164	490	632	172
2	---	---	---	---	---	---	---	0.00	172	502	627	96
3	---	---	---	---	---	---	---	0.00	200	518	614	96
4	---	---	---	---	---	---	---	0.00	196	508	596	101
5	---	---	---	---	---	---	---	0.00	189	486	611	120
6	---	---	---	---	---	---	---	0.00	200	492	616	140
7	---	---	---	---	---	---	---	0.00	194	518	618	139
8	---	---	---	---	---	---	---	0.00	108	549	574	115
9	---	---	---	---	---	---	---	0.00	80	567	551	101
10	---	---	---	---	---	---	---	0.00	80	581	569	110
11	---	---	---	---	---	---	---	0.00	80	600	503	110
12	---	---	---	---	---	---	---	0.00	80	614	506	106
13	---	---	---	---	---	---	---	0.00	80	624	505	104
14	---	---	---	---	---	---	---	14	85	617	492	101
15	---	---	---	---	---	---	---	125	96	631	472	66
16	---	---	---	---	---	---	---	99	88	632	493	0.00
17	---	---	---	---	---	---	0.00	106	80	633	500	0.00
18	---	---	---	---	---	---	0.00	119	80	632	265	0.00
19	---	---	---	---	---	---	---	141	80	632	270	5.3
20	---	---	---	---	---	---	---	149	90	630	315	5.3
21	---	---	---	---	---	---	---	160	101	612	397	---
22	---	---	---	---	---	---	---	177	101	621	478	---
23	---	---	---	---	---	---	0.00	182	119	630	513	---
24	---	---	---	---	---	---	0.00	170	135	631	537	---
25	---	---	---	---	---	---	0.00	161	170	632	430	---
26	---	---	---	---	---	---	---	132	245	630	430	---
27	---	---	---	---	---	---	---	120	328	620	430	---
28	---	---	---	---	---	---	---	120	388	631	403	---
29	---	---	---	---	---	---	0.00	120	417	629	319	---
30	---	---	---	---	---	---	0.00	136	444	632	284	---
31	---	---	---	---	---	---	---	158	---	631	264	---
TOTAL	0	0	0	0	0	0	0	2389	4870	18355	14814	1687.6
MEAN	---	---	---	---	---	---	0.000	77.1	162.2	592.0	477.9	84.4
MAX	---	---	---	---	---	---	0.00	182	444	633	632	172
MIN	---	---	---	---	---	---	0.00	0.00	80	486	264	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4739	9660	36410	29380	3347
CAL YEAR 2005	MAX	625.0	MIN	0.000	AC-FT	71910						
WTR YEAR 2006	MAX	633.0	MIN	0.000	AC-FT	83540						

NIOBRARA RIVER BASIN

SNAKE RIVER near Burge, 06459500

LOCATION.--NE1/4 Sec. 20, T. 31N, R. 30 W., Cherry County, Lat. 42° 39' 15", Long. 100° 51' 28", at right bank 150 ft. downstream from Nebraska National Forest boundary, 2.1 miles downstream from Merritt Dam, 6.5 miles southwest of Burge, and 22 miles southwest of Valentine.

DRAINAGE AREA.--Approximately 660 square miles, of which 44 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder, datum of gage is 2,805.36 ft. above sea level (levels by U. S. Bureau of Reclamation).

PERIOD OF RECORD.--June 1947 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Record are good. Natural flow affected since February 1964 by storage in Merritt Reservoir (station 06459300) 2.1 miles upstream.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,170 cubic feet per second February 7, 1963, gage height 6.96 feet from release of storage behind a temporary construction dike. Determined from extending rating curve above 520 cubic feet per second on basis of slope-area measurement at gage height 5.39 feet. Minimum daily discharge 5.8 cubic feet per second May 24-27, 1964.

EXTREMES FOR CURRENT YEAR.--Peak discharge 275 cubic feet per second March 30, gage height 2.01 feet; minimum daily discharge 11 cubic feet per second July 28-31, August 1-3.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	22	61	158	266	225	268	270	208	64	16	11	13
2	23	61	159	267	234	269	269	227	51	16	11	13
3	40	62	160	269	240	270	269	227	30	16	11	13
4	59	62	191	271	240	270	268	228	23	16	12	13
5	52	62	212	272	240	270	267	228	25	16	13	13
6	52	62	215	271	240	270	260	228	24	16	13	14
7	52	62	217	271	240	270	225	229	26	15	14	14
8	52	62	218	270	240	270	223	227	29	15	14	14
9	53	62	218	268	240	270	222	226	41	16	14	14
10	53	62	218	269	241	270	222	225	74	16	14	14
11	54	62	219	269	241	270	222	224	131	16	14	14
12	54	62	220	268	242	269	222	223	140	15	14	14
13	54	62	221	268	242	269	224	222	143	15	14	14
14	55	62	222	267	243	269	224	193	144	15	13	14
15	54	62	223	266	243	269	224	143	137	15	13	14
16	54	62	223	267	243	269	223	107	170	15	13	14
17	54	62	243	266	244	269	223	93	196	15	13	14
18	56	62	257	258	235	269	225	59	191	15	13	14
19	57	62	257	255	227	272	225	59	185	15	13	14
20	57	62	237	252	227	273	225	60	156	14	13	14
21	57	62	223	251	227	275	213	60	120	14	13	14
22	58	75	224	251	227	275	174	54	119	14	13	14
23	58	133	224	239	237	275	174	37	95	14	13	14
24	59	152	224	232	245	275	175	33	74	13	13	13
25	59	151	224	232	245	275	176	33	53	13	13	13
26	59	153	247	229	244	274	196	39	27	12	13	13
27	60	126	265	226	258	272	222	40	22	12	13	12
28	60	118	265	226	268	272	222	43	18	11	14	12
29	60	157	266	226	---	272	224	39	17	11	14	12
30	60	157	267	225	---	271	224	41	16	11	13	12
31	61	---	267	225	---	271	---	55	---	11	13	---
TOTAL	1658	2522	6984	7892	6718	8402	6732	4110	2541	444	405	404
MEAN	53.5	84.1	225.2	254.5	239.9	271.0	224.3	132.7	84.6	14.3	13.1	13.6
MAX	61	157	267	272	268	275	270	229	196	16	14	14
MIN	22	61	158	225	225	268	174	33	16	11	11	12
AC-FT	3289	5002	13850	15650	13320	16670	13350	8152	5040	881	803	801
CAL YEAR 2005	TOTAL		56073	MEAN	153.6	MAX	444.0	MIN	10.0	AC-FT	111200	
WTR YEAR 2006	TOTAL		48812	MEAN	133.7	MAX	275.0	MIN	11.0	AC-FT	96820	

NIOBRARA RIVER BASIN

KEYA PAHA RIVER near Naper, 06464900

LOCATION.--SE1/4SE1/4 Sec. 17-34-15 W., Boyd County, Lat. 42°55'00", Long. 99°05'50", on left upstream bank near highway bridge abutment, 3.3 miles south of Naper, and 8.8 miles upstream from mouth.

DRAINAGE AREA.--1,690 square miles (as revised in 1994 by U. S. Geological Survey).

GAGE.--Continuous stage recorder. Datum of gage is 1,680 feet above sea level, from topographic map. Non-recording gage at same site and datum before May 2, 1958.

PERIOD OF RECORD.--1957 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 9,280 cubic feet per second July 1, 1962, gage height 10.91 feet; maximum gage height 13.34 feet March 23, 1960, due to backwater from ice jam; no flow July 22-30, August 10, 11, 1976, August 3, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,070 cubic feet per second March 30, gage height 7.30 feet; minimum daily discharge 6.7 cubic feet per second July 30.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	56	68	32e	94e	146	164e	470	188	67	50	20	48
2	53	66	48e	104e	138	203e	454	179	66	45	27	53
3	52	67	48e	95e	141	177e	467	170	63	41	20	55
4	52	69	63e	115e	122e	170	389	166	60	39	15	48
5	53	70	39e	127e	128e	155	378	156	59	38	13	43
6	57	70	24e	88e	120e	146	410	145	57	35	12	42
7	58	68	45e	108e	127e	134	865	139	57	31	12	40
8	58	68	43e	117e	100e	127	888	136	81	35	14	37
9	57	68	66e	94e	131e	122	546	133	89	34	14	37
10	57	67	79e	116e	123e	114	594	131	83	34	22	38
11	58	68	82e	143e	69e	114	526	126	91	31	50	40
12	59	71	82e	130e	140e	124	406	124	89	28	105	41
13	59	72	77e	83e	172e	102e	392	121	79	26	78	40
14	60	73	63e	115e	151e	95e	354	120	70	24	59	36
15	60	76	55e	140e	175e	132e	316	120	62	21	46	35
16	59	66e	37e	194e	123e	126e	292	119	75	17	38	54
17	58	38e	34e	206	99e	117e	246	116	103	13	37	53
18	58	63e	41e	209	89e	149e	232	110	122	11	40	45
19	60	72e	31e	219	138e	166e	218	106	132	10	43	39
20	60	63e	45e	179	161e	138e	216	106	114	10	35	38
21	61	63e	33e	143	170e	72e	229	104	101	12	31	45
22	63	63e	64e	145	182e	101e	205	98	102	13	29	75
23	64	63e	71e	131	186e	138e	182	95	98	12	25	117
24	65	63e	50e	150	167e	128e	180	107	87	12	24	114
25	66	56e	60e	142	157e	160e	204	90	79	12	25	108
26	67	46e	87e	161	139e	223	220	83	75	14	26	95
27	68	40e	68e	201	176e	238	221	78	70	13	27	88
28	68	30e	62e	193	181e	266	218	72	65	11	31	87
29	67	28e	95e	188	---	438	209	68	58	8.9	39	75
30	69	28e	103e	170	---	836	200	66	54	6.7	34	68
31	70	---	81e	158	---	763	---	67	---	7.5	30	---
TOTAL	1872	1823	1808	4458	3951	6138	10727	3639	2408	695.1	1021	1734
MEAN	60.5	60.8	58.4	143.8	141.0	197.9	357.6	117.4	80.2	22.4	32.9	57.9
MAX	70	76	103	219	186	836	888	188	132	50	105	117
MIN	52	28	24	83	69	72	180	66	54	6.7	12	35
AC-FT	3713	3616	3586	8842	7837	12170	21280	7218	4776	1379	2025	3439
CAL YEAR 2005	TOTAL		50208	MEAN	137.6	MAX	1290	MIN	20.0	AC-FT	99590	
WTR YEAR 2006	TOTAL		40274	MEAN	110.3	MAX	888.0	MIN	6.7	AC-FT	79880	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River, 00052000

LOCATION.--SW1/4NW1/4 Sec. 11-26-65 W., Wyo.

GAGE.--Continuous stage recorder and parshall flume

PERIOD OF RECORD.--1918 - 1928, 1933 - present

REMARKS.--Values furnished by U.S. Bureau of Reclamation.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	1500	1440	1240
2	---	---	---	---	---	---	---	0.00	0.00	1500	1440	1240
3	---	---	---	---	---	---	---	431	0.00	1500	1450	1230
4	---	---	---	---	---	---	---	691	0.00	1500	1470	999
5	---	---	---	---	---	---	---	702	0.00	1500	1480	604
6	---	---	---	---	---	---	---	702	0.00	1500	1480	95
7	---	---	---	---	---	---	---	700	0.00	1490	1480	0.00
8	---	---	---	---	---	---	---	764	0.00	1490	1470	0.00
9	---	---	---	---	---	---	---	905	0.00	1500	1470	0.00
10	---	---	---	---	---	---	---	925	0.00	1500	1470	0.00
11	---	---	---	---	---	---	---	933	0.00	1490	1480	0.00
12	---	---	---	---	---	---	---	1030	0.00	1460	1480	0.00
13	---	---	---	---	---	---	---	1140	0.00	1440	1480	0.00
14	---	---	---	---	---	---	---	1230	0.00	1440	1480	0.00
15	---	---	---	---	---	---	---	1250	0.00	1440	1470	0.00
16	---	---	---	---	---	---	---	1290	0.00	1450	1470	0.00
17	---	---	---	---	---	---	---	1360	178	1450	1470	0.00
18	---	---	---	---	---	---	---	1390	731	1450	1470	0.00
19	---	---	---	---	---	---	---	1370	838	1440	1460	0.00
20	---	---	---	---	---	---	---	1340	936	1410	1460	0.00
21	---	---	---	---	---	---	---	1330	1050	1410	1470	0.00
22	---	---	---	---	---	---	---	1340	1080	1400	1470	0.00
23	---	---	---	---	---	---	---	1320	1030	1410	1470	0.00
24	---	---	---	---	---	---	---	1260	1090	1420	1460	0.00
25	---	---	---	---	---	---	---	1210	1170	1430	1440	0.00
26	---	---	---	---	---	---	---	975	1260	1430	1440	0.00
27	---	---	---	---	---	---	---	600	1370	1430	1390	0.00
28	---	---	---	---	---	---	---	132	1430	1410	1370	0.00
29	---	---	---	---	---	---	---	0.00	1460	1420	1350	0.00
30	---	---	---	---	---	---	---	0.00	1500	1440	1330	0.00
31	---	---	---	---	---	---	---	0.00	---	1440	1280	---
TOTAL	0	0	0	0	0	0	0	26320	15123	45090	44840	5408
MEAN	---	---	---	---	---	---	---	849.2	503.5	1454	1445	179.9
MAX	---	---	---	---	---	---	---	1390	1500	1500	1480	1240
MIN	---	---	---	---	---	---	---	0.00	0.00	1400	1280	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52200	30000	89430	88940	10730
CAL YEAR 2005	MAX	1510	MIN	0.000	AC-FT	199400						
WTR YEAR 2006	MAX	1500	MIN	0.000	AC-FT	271300						

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River @ Mile Post 85.3, 00052200

LOCATION.--NE1/4NE1/4 Sec. 10-21-60 W. near Wyo. - Neb. State line

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1981 - present

REMARKS.--Values furnished by the U.S. Bureau of Reclamation.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	583	592	536
2	---	---	---	---	---	---	---	0.00	0.00	596	588	529
3	---	---	---	---	---	---	---	0.00	0.00	599	583	498
4	---	---	---	---	---	---	---	0.00	0.00	599	585	489
5	---	---	---	---	---	---	---	0.00	0.00	594	581	469
6	---	---	---	---	---	---	---	16	0.00	596	583	341
7	---	---	---	---	---	---	---	439	0.00	603	585	201
8	---	---	---	---	---	---	---	412	0.00	601	588	34
9	---	---	---	---	---	---	---	364	0.00	592	585	0.00
10	---	---	---	---	---	---	---	404	0.00	601	581	0.00
11	---	---	---	---	---	---	---	404	0.00	614	579	0.00
12	---	---	---	---	---	---	---	381	0.00	621	579	0.00
13	---	---	---	---	---	---	---	372	0.00	621	579	0.00
14	---	---	---	---	---	---	---	392	0.00	612	577	0.00
15	---	---	---	---	---	---	---	441	0.00	608	577	0.00
16	---	---	---	---	---	---	---	463	0.00	605	583	0.00
17	---	---	---	---	---	---	---	457	0.00	599	599	0.00
18	---	---	---	---	---	---	---	471	0.00	608	592	0.00
19	---	---	---	---	---	---	---	494	0.00	623	590	0.00
20	---	---	---	---	---	---	---	485	105	623	588	0.00
21	---	---	---	---	---	---	---	485	406	605	590	0.00
22	---	---	---	---	---	---	---	477	437	592	588	0.00
23	---	---	---	---	---	---	---	498	427	592	592	0.00
24	---	---	---	---	---	---	---	492	404	594	592	0.00
25	---	---	---	---	---	---	---	487	396	605	585	0.00
26	---	---	---	---	---	---	---	477	431	596	592	0.00
27	---	---	---	---	---	---	---	419	475	605	581	0.00
28	---	---	---	---	---	---	---	288	519	601	570	0.00
29	---	---	---	---	---	---	---	163	555	583	555	0.00
30	---	---	---	---	---	---	---	67	572	572	540	0.00
31	---	---	---	---	---	---	---	14	---	583	538	---
TOTAL	0	0	0	0	0	0	0	9862	4727	18626	18017	3097
MEAN	---	---	---	---	---	---	---	318.1	157.6	600.8	581.2	103.2
MAX	---	---	---	---	---	---	---	498	572	623	599	536
MIN	---	---	---	---	---	---	---	0.00	0.00	572	538	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19560	9376	36940	35740	6143
CAL YEAR 2005	MAX	648.0	MIN	0.000	AC-FT	83790						
WTR YEAR 2006	MAX	623.0	MIN	0.000	AC-FT	107800						

NORTH PLATTE RIVER BASIN

INTERSTATE CANAL from North Platte River, 00071000

LOCATION.--SW1/4 Sec. 12-26-65 W., Wyo.

GAGE.--Continuous stage recorder and concrete siphon

PERIOD OF RECORD.--1915 - present

REMARKS.--Values furnished by the U.S. Bureau of Reclamation.

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	979	892	1780	---	---
2	---	---	---	---	---	---	0.00	969	897	1720	---	---
3	---	---	---	---	---	---	0.00	997	899	1740	---	---
4	---	---	---	---	---	---	0.00	997	889	1770	---	---
5	---	---	---	---	---	---	0.00	994	870	1770	---	---
6	---	---	---	---	---	---	0.00	1000	837	1770	---	---
7	---	---	---	---	---	---	0.00	1040	543	1720	---	---
8	---	---	---	---	---	---	0.00	1240	0.00	1720	---	---
9	---	---	---	---	---	---	0.00	1290	0.00	1720	---	---
10	---	---	---	---	---	---	0.00	1290	0.00	1720	---	---
11	---	---	---	---	---	---	0.00	1300	0.00	---	---	---
12	---	---	---	---	---	---	0.00	1350	0.00	---	---	---
13	---	---	---	---	---	---	0.00	1390	0.00	---	---	---
14	---	---	---	---	---	---	0.00	1420	0.00	---	---	---
15	---	---	---	---	---	---	0.00	1450	0.00	---	---	---
16	---	---	---	---	---	---	0.00	1490	0.00	---	---	---
17	---	---	---	---	---	---	0.00	1470	0.00	---	---	---
18	---	---	---	---	---	---	543	1470	0.00	---	---	---
19	---	---	---	---	---	---	933	1520	746	---	---	---
20	---	---	---	---	---	---	979	1520	1060	---	---	---
21	---	---	---	---	---	---	964	1510	1310	---	---	---
22	---	---	---	---	---	---	1000	1520	1550	---	---	---
23	---	---	---	---	---	---	1020	1500	1540	---	---	---
24	---	---	---	---	---	---	1030	1160	1550	---	---	---
25	---	---	---	---	---	---	1000	894	1540	---	---	---
26	---	---	---	---	---	---	964	894	1540	---	---	---
27	---	---	---	---	---	---	969	899	1600	---	---	---
28	---	---	---	---	---	---	967	899	1620	---	---	---
29	---	---	---	---	---	---	969	897	1630	---	---	---
30	---	---	---	---	---	---	969	894	1720	---	---	---
31	---	---	---	---	---	---	---	891	---	---	---	---
TOTAL	0	0	0	0	0	0	12307	37134	23233	17430	0	0
MEAN	---	---	---	---	---	---	410.8	1197	774.7	1745	---	---
MAX	---	---	---	---	---	---	1030	1520	1720	1780	---	---
MIN	---	---	---	---	---	---	0.00	891	0.00	1720	---	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	24410	73650	46080	34570	0.00	0.00
CAL YEAR 2005	MAX	2010	MIN	0.000	AC-FT	334900						
WTR YEAR 2006	MAX	1780	MIN	0.000	AC-FT	178700						

NORTH PLATTE RIVER BASIN

LAKE ALICE RESERVOIR from North Platte, 00400300

LOCATION.--Sec. 8 & 15-23-54 W. near Scottsbluff

GAGE.--Reference point

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by U.S. Bureau of Reclamation.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	4192.0	11,100
Top of dead storage pool	4159.0	0

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	82	82	84	84	84	84	84	4410	3154	7131	4122	1744
2	82	82	84	84	84	84	84	4532	3149	7198	4099	1377
3	82	82	84	84	84	84	84	4656	3170	7131	4082	1221
4	82	82	84	84	84	84	84	4811	3128	6970	4071	978
5	82	82	84	84	84	84	84	4985	3096	6843	4048	591
6	82	82	84	84	84	84	84	5162	3185	6711	4026	476
7	82	82	84	84	84	84	84	5309	3467	6572	3998	437
8	82	82	84	84	84	84	84	5390	4191	6421	3964	444
9	82	82	84	84	84	84	84	5402	4550	6225	3913	451
10	82	82	84	84	84	84	84	5402	4591	6017	3852	454
11	82	82	84	84	84	84	84	5340	4527	5780	3807	459
12	82	82	84	84	84	84	84	5272	4474	5540	3757	456
13	82	82	84	84	84	84	84	5150	4410	5322	3730	451
14	82	82	84	84	84	84	84	5052	4369	5186	3697	449
15	82	84	84	84	84	84	84	4955	4294	5040	3664	449
16	82	84	84	84	84	84	84	4841	4231	4925	3647	449
17	82	84	84	84	84	84	84	4704	4168	4680	3636	432
18	82	84	84	84	84	84	84	4527	4116	4532	3609	422
19	82	84	84	84	84	84	84	4381	4048	4404	3609	425
20	82	84	84	84	84	84	84	4191	3981	4306	3609	415
21	82	84	84	84	84	84	862	4037	4077	4271	3620	430
22	82	84	84	84	84	84	1474	3880	4835	4265	3538	427
23	82	84	84	84	84	84	1927	3768	5540	4271	3424	404
24	82	84	84	84	84	84	2015	3691	6244	4283	3301	404
25	82	84	84	84	84	84	2437	3527	6585	4288	3191	397
26	82	84	84	84	84	84	2865	3200	6750	4294	3060	388
27	82	84	84	84	84	84	3227	3164	6863	4311	2835	378
28	82	84	84	84	84	84	3554	3175	6910	4300	2606	370
29	82	84	84	84	---	84	3902	3159	6910	4265	2427	361
30	82	84	84	84	---	84	4231	3164	7010	4225	2304	356
31	82	---	84	84	---	84	---	3154	---	4162	2051	---
MEAN	82	83	84	84	84	84	939	4400	4667	5286	3526	550
MAX	82	84	84	84	84	84	4231	5402	7010	7198	4122	1744
MIN	82	82	84	84	84	84	84	3154	3096	4162	2051	356
CAL YEAR 2005	MEAN	1141	MAX	6166	MIN	0.00						
WTR YEAR 2006	MEAN	1670	MAX	7198	MIN	82						

NORTH PLATTE RIVER BASIN

LITTLE LAKE ALICE RESERVOIR from North Platte River, 00405200

LOCATION.-- Sec.15 & 16-23-54 w.

GAGE.--Slope gage

PERIOD OF RECORD.--1992 - present

REMARKS.--Values furnished by U.S. Bureau of Reclamation.

STORAGE LEVEL	ELEVATION (FEET)			CONTENT (Acre-feet)								
Top of conservation pool	4140			1605								
Top of dead storage pool	4127			0								
STORAGE (ACFT), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	291	203	82	81	55	56	55	408	334	343	355	335
2	292	204	81	80	55	56	55	411	335	351	355	324
3	290	202	84	79	55	56	55	388	341	351	357	307
4	294	202	81	77	55	56	55	384	338	350	353	298
5	293	198	80	77	56	56	55	387	342	354	354	274
6	293	194	80	75	56	56	55	391	343	339	354	258
7	292	192	80	73	56	56	55	396	335	346	353	272
8	290	196	79	73	56	56	55	405	292	346	351	278
9	296	193	80	71	56	55	55	411	290	346	352	283
10	302	189	80	69	56	55	55	415	296	349	376	286
11	289	188	79	68	56	55	55	400	293	344	358	288
12	264	181	81	67	56	55	55	386	297	339	353	288
13	247	175	80	65	56	55	55	381	293	335	360	288
14	242	177	77	68	56	55	55	375	294	328	345	287
15	229	168	76	66	56	55	55	371	290	335	339	289
16	228	164	76	64	56	55	55	368	288	342	337	287
17	223	162	77	64	56	55	55	365	286	342	337	284
18	217	159	79	61	56	55	55	360	283	342	337	283
19	215	156	79	63	56	55	55	366	280	341	339	284
20	213	156	79	61	56	55	55	361	251	341	339	287
21	211	156	78	60	56	55	55	359	192	338	341	289
22	210	150	79	54	56	55	55	353	170	338	341	291
23	209	141	83	52	56	55	55	354	164	339	344	291
24	208	138	81	43	56	55	344	352	164	345	342	292
25	210	132	81	55	56	55	373	345	312	349	343	293
26	210	120	81	55	56	55	380	338	369	352	365	293
27	208	102	80	55	56	55	402	333	367	353	376	295
28	208	90	80	55	56	55	391	334	368	354	351	296
29	208	88	80	55	---	55	391	332	369	355	341	298
30	206	84	81	55	---	55	400	336	349	355	336	301
31	206	---	81	55	---	55	---	336	---	354	342	---
MEAN	245	162	80	64	56	55	132	371	298	345	349	291
MAX	302	204	84	81	56	56	402	415	369	355	376	335
MIN	206	84	76	43	55	55	55	332	164	328	336	258
CAL YEAR 2005	MEAN	348	MAX	390	MIN	18						
WTR YEAR 2006	MEAN	205	MAX	415	MIN	43						

NORTH PLATTE RIVER BASIN

LAKE MINATARE RESERVOIR from North Platte, 00406300

LOCATION.--Sec. 32-23-53 W. near Scottsbluff

GAGE.--Staff gage

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by U.S. Bureau of Reclamation.

STORAGE LEVEL	ELEVATION			CONTENT								
	(Feet)			(Acre-feet)								
Top of conservation pool	4125.0			60,770								
Top of dead storage pool	4075.0			300								
STORAGE (ACFT), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16160	15900	15360	15080	14720	14490	14380	20640	39810	41390	25190	16370
2	16190	15780	15360	15080	14710	14460	14370	21530	40670	40870	24720	16760
3	16150	15750	15350	15080	14690	14440	14370	22400	41440	40340	24250	17270
4	16110	15690	15350	15080	14670	14440	14340	23240	42170	39770	23810	17860
5	16000	15630	15340	14990	14670	14440	14370	24090	42940	39190	23380	18370
6	16020	15630	15340	14970	14650	14470	14370	24940	43620	38630	22950	18590
7	16020	15530	15340	14940	14660	14460	14360	25810	44060	38120	22520	18580
8	16020	15530	15340	14960	14610	14460	14360	26650	44020	37590	22120	18580
9	16000	15530	15330	14950	14590	14460	14350	27340	43940	37000	21690	18580
10	16000	15530	15330	14940	14620	14450	14350	27990	43940	36410	21250	18570
11	16260	15530	15330	14940	14600	14450	14340	28600	43890	35850	20760	18550
12	16240	15530	15260	14940	14600	14440	14330	29130	43830	35290	20310	18540
13	16230	15530	15260	14940	14600	14440	14210	29610	43770	34710	19840	18510
14	16170	15470	15260	14940	14590	14430	14170	30010	43720	34180	19400	18500
15	16130	15470	15260	14940	14600	14430	14210	30480	43600	33630	18950	18500
16	16110	15470	15260	14940	14600	14430	14170	30920	43490	33060	18530	18490
17	16100	15470	15240	14940	14590	14440	14250	31310	43410	32470	18070	18440
18	16080	15460	15240	14940	14590	14440	14110	31620	43340	31930	17670	18380
19	16070	15460	15240	14790	14580	14440	14100	31930	43260	31420	17220	18260
20	16070	15450	15240	14820	14580	14430	14030	32250	43110	30960	16810	18230
21	16050	15430	15230	14780	14580	14430	14030	32530	42940	30390	16390	18200
22	16040	15430	15230	14780	14580	14420	14350	32770	42830	29920	16060	18160
23	16040	15430	15220	14760	14580	14420	14960	33060	42680	29460	15820	18140
24	15980	15420	15220	14740	14580	14420	15650	33330	42510	28990	15540	18130
25	15940	15410	15210	14720	14580	14410	16330	33760	42360	28780	15280	18110
26	15940	15400	15210	14720	14580	14410	17080	34590	42410	28300	15110	18100
27	15940	15400	15210	14730	14540	14420	17820	35500	42430	27800	15240	18060
28	15940	15400	15110	14730	14510	14410	18460	36380	42390	27280	15330	18040
29	15920	15380	15110	14740	---	14390	19160	37140	42260	26740	15490	18020
30	15920	15360	15090	14740	---	14390	19880	38070	41930	26210	15700	18000
31	15940	---	15080	14710	---	14390	---	38930	---	25670	16000	---
MEAN	16060	15510	15260	14880	14610	14430	15110	30210	42890	33300	19080	18160
MAX	16260	15900	15360	15080	14720	14490	19880	38930	44060	41390	25190	18590
MIN	15920	15360	15080	14710	14510	14390	14030	20640	39810	25670	15110	16370
CAL YEAR 2005	MEAN	15200	MAX	38480	MIN	7006						
WTR YEAR 2006	MEAN	20820	MAX	44060	MIN	14030						

NORTH PLATTE RIVER BASIN

WINTERS CREEK RESERVOIR, 00412000

LOCATION.--Sec. 13 &24-23-54 W.

GAGE.--Reference point

PERIOD OF RECORD.--1992 - present

REMARKS.--Values furnished by U.S. Bureau of Reclamation.

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	4130	3474
Top of dead storage pool		

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162	1027	912	632	485
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	173	1025	906	626	479
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	382	1025	906	622	479
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	434	1020	902	620	484
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	489	1027	899	615	487
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	552	1027	895	607	492
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	617	1025	886	602	502
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	680	1018	871	592	506
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	734	1023	863	588	515
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	789	1029	852	581	518
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	850	1036	833	579	523
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	908	1032	826	572	525
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	966	1025	816	566	529
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1016	1013	805	539	532
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1043	1007	795	539	541
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1027	1000	783	534	536
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1018	991	770	530	537
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1007	988	742	525	536
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1050	975	734	522	536
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1046	964	732	518	537
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1048	964	718	508	537
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1046	964	712	508	536
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1046	955	692	504	536
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1046	955	692	502	536
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1039	955	692	501	537
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1029	952	684	487	536
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1029	941	678	492	536
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1027	939	670	492	536
29	0.00	0.00	0.00	0.00	---	0.00	0.00	1027	932	655	492	536
30	0.00	0.00	0.00	0.00	---	0.00	0.00	1027	923	643	490	536
31	0.00	---	0.00	0.00	---	0.00	---	1027	---	636	489	---
MEAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	849	992	781	548	521
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1050	1036	912	632	541
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162	923	636	487	479
CAL YEAR 2005	MEAN	0.00	MAX	0.00	MIN	0.00						
WTR YEAR 2006	MEAN	309	MAX	1050	MIN	0.00						

NORTH PLATTE RIVER BASIN

MITCHELL & GERING CANAL from North Platte River, 00101100

LOCATION.--SW1/4NE1/4 Sec. 10-23-60 W. near Henry

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1916 - present

REMARKS.--Values shown here are the total headgate diversions for Mitchell and Gering District lands. Values published before 1985 for this diversion site did not include the delivery and carriage losses charged to the Gering Irrigation District.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	45	---	---	---	---	---	---	116	159	187	211	240
2	45	---	---	---	---	---	---	115	158	172	208	224
3	45	---	---	---	---	---	---	149	159	174	209	225
4	---	---	---	---	---	---	---	172	160	174	208	224
5	---	---	---	---	---	---	---	172	---	48	207	224
6	---	---	---	---	---	---	---	174	---	95	207	225
7	---	---	---	---	---	---	---	173	---	201	207	216
8	---	---	---	---	---	---	---	173	---	267	208	187
9	---	---	---	---	---	---	---	194	112	295	207	187
10	---	---	---	---	---	---	---	201	---	294	202	51
11	---	---	---	---	---	---	---	202	---	86	263	49
12	---	---	---	---	---	---	---	203	---	139	302	48
13	---	---	---	---	---	---	---	202	---	---	300	48
14	---	---	---	---	---	---	---	195	145	177	301	---
15	---	---	---	---	---	---	---	203	145	178	303	---
16	---	---	---	---	---	---	---	200	145	175	304	---
17	---	---	---	---	---	---	0.82	200	145	193	295	---
18	---	---	---	---	---	---	0.82	200	55	198	292	---
19	---	---	---	---	---	---	0.82	199	62	199	292	---
20	---	---	---	---	---	---	0.82	198	159	199	284	---
21	---	---	---	---	---	---	0.82	198	153	208	279	---
22	---	---	---	---	---	---	0.82	197	210	214	255	---
23	---	---	---	---	---	---	0.82	200	---	215	209	---
24	---	---	---	---	---	---	45	204	---	215	208	---
25	---	---	---	---	---	---	89	199	---	215	209	---
26	---	---	---	---	---	---	76	171	---	214	211	---
27	---	---	---	---	---	---	134	159	318	215	209	---
28	---	---	---	---	---	---	117	159	319	215	215	---
29	---	---	---	---	---	---	115	160	270	215	268	---
30	---	---	---	---	---	---	115	159	258	215	275	---
31	---	---	---	---	---	---	---	159	---	214	280	---
TOTAL	135	0	0	0	0	0	696.74	5606	3132	5806	7628	2148
MEAN	44.8	---	---	---	---	---	49.8	180.9	174.1	193.5	246.1	165.4
MAX	45	---	---	---	---	---	134	204	319	295	304	240
MIN	45	---	---	---	---	---	0.82	115	55	48	202	48
AC-FT	268	0.00	0.00	0.00	0.00	0.00	1382	11120	6212	11520	15130	4260
CAL YEAR 2005	MAX	350.0	MIN	0.000	AC-FT	56160						
WTR YEAR 2006	MAX	319.0	MIN	0.82	AC-FT	49890						

NORTH PLATTE RIVER BASIN

GERING CANAL from North Platte River via Mitchell and Gering Canal, 00056000

LOCATION.--SW1/4NE1/4 Sec. 29-22-55 W. near Gering

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1916 - present

REMARKS.--Values published before 1985 were adjusted to include carriage losses between the Mitchell & Gering canal and Gering canal flumes.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.8	---	---	---	---	---	---	47	62	157	161	95
2	6.4	---	---	---	---	---	---	34	57	163	158	84
3	5.9	---	---	---	---	---	---	28	55	159	155	84
4	---	---	---	---	---	---	---	63	60	157	158	84
5	---	---	---	---	---	---	---	68	61	156	158	78
6	---	---	---	---	---	---	---	73	56	149	158	72
7	---	---	---	---	---	---	---	71	40	145	156	64
8	---	---	---	---	---	---	---	56	33	149	151	43
9	---	---	---	---	---	---	---	62	33	155	151	43
10	---	---	---	---	---	---	---	71	33	158	159	35
11	---	---	---	---	---	---	---	77	83	154	161	5.2
12	---	---	---	---	---	---	---	81	63	147	170	---
13	---	---	---	---	---	---	---	81	43	154	162	---
14	---	---	---	---	---	---	---	78	127	162	163	---
15	---	---	---	---	---	---	---	76	99	153	165	---
16	---	---	---	---	---	---	---	80	93	148	165	---
17	---	---	---	---	---	---	---	80	74	146	164	---
18	---	---	---	---	---	---	---	80	58	152	158	---
19	---	---	---	---	---	---	---	77	44	151	153	---
20	---	---	---	---	---	---	---	79	61	148	148	---
21	---	---	---	---	---	---	---	81	68	151	142	---
22	---	---	---	---	---	---	---	83	81	161	140	---
23	---	---	---	---	---	---	---	89	94	160	97	---
24	---	---	---	---	---	---	---	87	155	162	81	---
25	---	---	---	---	---	---	---	85	151	159	79	---
26	---	---	---	---	---	---	---	84	154	163	90	---
27	---	---	---	---	---	---	---	59	160	165	90	---
28	---	---	---	---	---	---	53	58	151	162	86	---
29	---	---	---	---	---	---	52	64	146	162	97	---
30	---	---	---	---	---	---	50	61	149	165	101	---
31	---	---	---	---	---	---	---	58	---	163	94	---
TOTAL	19.1	0	0	0	0	0	155	2171	2544	4836	4271	687.2
MEAN	6.4	---	---	---	---	---	51.8	70.0	84.8	156.0	137.8	62.6
MAX	6.8	---	---	---	---	---	53	89	160	165	170	95
MIN	5.9	---	---	---	---	---	50	28	33	145	79	5.2
AC-FT	38	0.00	0.00	0.00	0.00	0.00	307	4306	5046	9592	8471	1363
CAL YEAR 2005	MAX	202.0	MIN	0.000	AC-FT	26550						
WTR YEAR 2006	MAX	170.0	MIN	5.2	AC-FT	29120						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from North Platte River, 00145100

LOCATION.--NE1/4NE1/4 SEC. 10-23-58 W. Near Henry

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1916, 1919 - present

REMARKS.--Total diversion from North Platte River for both Farmers and Northport Irrigation Districts. Deliveries to Northport District shown separately in this report. Values published before 1985 for this diversion site did not include the delivery and carriage losses charged to Northport Irrigation District.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	1120	1220	282
2	---	---	---	---	---	---	---	0.00	0.00	1120	1150	282
3	---	---	---	---	---	---	---	0.00	0.00	1210	1150	282
4	---	---	---	---	---	---	---	0.00	0.00	1210	1150	282
5	---	---	---	---	---	---	---	348	0.00	1290	1150	282
6	---	---	---	---	---	---	---	522	0.00	1310	1150	282
7	---	---	---	---	---	---	---	596	0.00	1330	1150	282
8	---	---	---	---	---	---	---	687	0.00	1390	1150	282
9	---	---	---	---	---	---	---	721	0.00	1420	1130	282
10	---	---	---	---	---	---	---	699	0.00	1420	1130	460
11	---	---	---	---	---	---	---	641	0.00	1420	1150	398
12	---	---	---	---	---	---	---	618	0.00	1420	1150	407
13	---	---	---	---	---	---	---	596	30	1440	1150	390
14	---	---	---	---	---	---	---	629	0.00	1330	1150	381
15	---	---	---	---	---	---	---	641	0.00	1330	1150	356
16	---	---	---	---	---	---	---	618	0.00	1330	1150	348
17	---	---	---	---	---	---	---	596	0.00	1320	1120	332
18	---	---	---	---	---	---	---	641	0.00	1320	1160	324
19	---	---	---	---	---	---	---	699	0.00	1220	1160	316
20	---	---	---	---	---	---	---	676	244	1250	1130	308
21	---	---	---	---	---	---	---	687	574	1250	1130	301
22	---	---	---	---	---	---	---	492	750	1250	1130	301
23	---	---	---	---	---	---	---	0.00	810	1230	1130	293
24	---	---	---	---	---	---	---	0.00	750	1230	1050	286
25	---	---	---	---	---	---	---	0.00	850	1230	1110	286
26	---	---	---	---	---	---	---	0.00	850	1230	1130	286
27	---	---	---	---	---	---	---	0.00	850	1160	1130	286
28	---	---	---	---	---	---	---	0.00	1040	1230	870	279
29	---	---	---	---	---	---	---	0.00	1120	1230	342	272
30	---	---	---	---	---	---	---	0.00	1100	1220	339	272
31	---	---	---	---	---	---	---	0.00	---	1190	282	---
TOTAL	0	0	0	0	0	0	0	11107	8968	39650	32643	9420
MEAN	---	---	---	---	---	---	---	358.3	298.7	1277	1053	314.0
MAX	---	---	---	---	---	---	---	721	1120	1440	1220	460
MIN	---	---	---	---	---	---	---	0.00	0.00	1120	282	272
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22030	17790	78640	64750	18680
CAL YEAR 2005	MAX	1350	MIN	0.000	AC-FT	169900						
WTR YEAR 2006	MAX	1440	MIN	0.000	AC-FT	201900						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Sheep Creek, 00144700

LOCATION.--NE1/4NW1/4 Sec. 17-23-57 W. near Morrill

GAGE.--Continuous Stage Recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the U.S. Bureau of Reclamation. Data before 1986 available from the Bureau.

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	20	31	38
2	---	---	---	---	---	---	---	0.00	0.00	20	31	40
3	---	---	---	---	---	---	---	0.00	0.00	21	30	39
4	---	---	---	---	---	---	---	0.00	0.00	23	29	39
5	---	---	---	---	---	---	---	0.00	0.00	26	29	39
6	---	---	---	---	---	---	---	0.00	0.00	25	30	39
7	---	---	---	---	---	---	---	0.00	0.00	25	30	38
8	---	---	---	---	---	---	---	0.00	0.00	25	30	34
9	---	---	---	---	---	---	---	0.00	0.00	27	30	42
10	---	---	---	---	---	---	---	0.00	0.00	29	28	43
11	---	---	---	---	---	---	---	0.00	0.00	27	27	42
12	---	---	---	---	---	---	---	0.00	0.00	27	30	42
13	---	---	---	---	---	---	---	25	0.00	29	29	41
14	---	---	---	---	---	---	---	24	0.00	25	26	40
15	---	---	---	---	---	---	---	21	0.00	27	28	38
16	---	---	---	---	---	---	---	23	0.00	29	30	34
17	---	---	---	---	---	---	---	22	0.00	28	32	40
18	---	---	---	---	---	---	---	22	0.00	25	30	38
19	---	---	---	---	---	---	---	22	0.00	25	29	40
20	---	---	---	---	---	---	---	21	0.00	25	30	40
21	---	---	---	---	---	---	---	21	20	26	31	36
22	---	---	---	---	---	---	---	0.00	25	27	31	40
23	---	---	---	---	---	---	---	0.00	25	28	29	41
24	---	---	---	---	---	---	---	0.00	24	29	25	40
25	---	---	---	---	---	---	---	0.00	25	30	27	39
26	---	---	---	---	---	---	---	0.00	22	29	34	39
27	---	---	---	---	---	---	---	0.00	21	28	34	39
28	---	---	---	---	---	---	---	0.00	21	28	36	38
29	---	---	---	---	---	---	---	0.00	19	27	38	38
30	---	---	---	---	---	---	---	0.00	19	26	38	38
31	---	---	---	---	---	---	---	0.00	---	27	38	---
TOTAL	0	0	0	0	0	0	0	201	221	813	950	1174
MEAN	---	---	---	---	---	---	---	6.5	7.4	26.2	30.6	39.1
MAX	---	---	---	---	---	---	---	25	25	30	38	43
MIN	---	---	---	---	---	---	---	0.00	0.00	20	25	34
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	399	438	1613	1884	2329
CAL YEAR 2005	MAX	52.0	MIN	0.000	AC-FT	6474						
WTR YEAR 2006	MAX	43.0	MIN	0.000	AC-FT	6662						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Akers Draw, 00144500

LOCATION.--NE1/4SE1/4 Sec. 11-23-57 W. near Morrill

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the U.S. Bureau of Reclamation. Data before 1986 available from the Bureau.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	7.0	6.0	7.0	6.0	6.0
2	---	---	---	---	---	---	---	7.0	6.0	7.0	6.0	6.0
3	---	---	---	---	---	---	---	7.0	6.0	7.0	6.0	6.0
4	---	---	---	---	---	---	---	7.0	6.0	7.0	6.0	6.0
5	---	---	---	---	---	---	---	7.0	6.0	6.0	6.0	6.0
6	---	---	---	---	---	---	---	7.0	6.0	7.0	6.0	6.0
7	---	---	---	---	---	---	---	7.0	6.0	7.0	6.0	6.0
8	---	---	---	---	---	---	---	7.0	6.0	7.0	6.0	6.0
9	---	---	---	---	---	---	---	7.0	6.0	7.0	6.0	6.0
10	---	---	---	---	---	---	---	7.0	7.0	7.0	6.0	6.0
11	---	---	---	---	---	---	---	7.0	7.0	7.0	6.0	6.0
12	---	---	---	---	---	---	---	7.0	7.0	7.0	6.0	6.0
13	---	---	---	---	---	---	---	7.0	7.0	7.0	6.0	6.0
14	---	---	---	---	---	---	---	7.0	7.0	7.0	6.0	6.0
15	---	---	---	---	---	---	---	7.0	7.0	7.0	6.0	6.0
16	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
17	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
18	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
19	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
20	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
21	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
22	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
23	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
24	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
25	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
26	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
27	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
28	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
29	---	---	---	---	---	---	---	6.0	7.0	7.0	6.0	6.0
30	---	---	---	---	---	---	---	6.0	6.0	7.0	6.0	6.0
31	---	---	---	---	---	---	---	6.0	---	6.0	6.0	---
TOTAL	0	0	0	0	0	0	0	201	200	215	186	180
MEAN	---	---	---	---	---	---	---	6.5	6.7	6.9	6.0	6.0
MAX	---	---	---	---	---	---	---	7.0	7.0	7.0	6.0	6.0
MIN	---	---	---	---	---	---	---	6.0	6.0	6.0	6.0	6.0
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	399	397	426	369	357
CAL YEAR 2005	MAX	11.0	MIN	6.0	AC-FT	2305						
WTR YEAR 2006	MAX	7.0	MIN	6.0	AC-FT	1948						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Dry Spotted Tail Creek, 00144600

LOCATION.--SW1/4SW1/4 Sec. 4-23-56 W. near Mitchell

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the U.S. Bureau of Reclamation. Data before 1986 available from the Bureau.

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	4.0	16	14
2	---	---	---	---	---	---	---	0.00	0.00	4.0	15	15
3	---	---	---	---	---	---	---	0.00	0.00	0.00	14	16
4	---	---	---	---	---	---	---	0.00	0.00	4.0	14	14
5	---	---	---	---	---	---	---	0.00	0.00	7.0	14	11
6	---	---	---	---	---	---	---	0.00	0.00	8.0	14	11
7	---	---	---	---	---	---	---	0.00	0.00	9.0	14	11
8	---	---	---	---	---	---	---	0.00	0.00	9.0	13	10
9	---	---	---	---	---	---	---	0.00	0.00	11	12	10
10	---	---	---	---	---	---	---	0.00	0.00	13	13	10
11	---	---	---	---	---	---	---	0.00	0.00	11	13	9.0
12	---	---	---	---	---	---	---	0.00	0.00	10	13	9.0
13	---	---	---	---	---	---	---	0.00	0.00	10	13	9.0
14	---	---	---	---	---	---	---	0.00	0.00	11	13	8.0
15	---	---	---	---	---	---	---	0.00	0.00	12	14	8.0
16	---	---	---	---	---	---	---	0.00	0.00	13	15	8.0
17	---	---	---	---	---	---	---	0.00	0.00	12	14	8.0
18	---	---	---	---	---	---	---	0.00	0.00	13	13	7.0
19	---	---	---	---	---	---	---	0.00	0.00	13	14	7.0
20	---	---	---	---	---	---	---	0.00	0.00	15	14	7.0
21	---	---	---	---	---	---	---	0.00	3.0	16	15	7.0
22	---	---	---	---	---	---	---	0.00	4.0	16	16	7.0
23	---	---	---	---	---	---	---	0.00	5.0	16	14	7.0
24	---	---	---	---	---	---	---	0.00	5.0	18	13	6.0
25	---	---	---	---	---	---	---	0.00	4.0	17	15	6.0
26	---	---	---	---	---	---	---	0.00	0.00	17	16	6.0
27	---	---	---	---	---	---	---	0.00	4.0	18	16	6.0
28	---	---	---	---	---	---	---	0.00	4.0	16	16	5.0
29	---	---	---	---	---	---	---	0.00	0.00	15	15	0.00
30	---	---	---	---	---	---	---	0.00	0.00	16	14	0.00
31	---	---	---	---	---	---	---	0.00	---	17	14	---
TOTAL	0	0	0	0	0	0	0	0	29	371	439	252
MEAN	---	---	---	---	---	---	---	0.000	0.97	12.0	14.2	8.4
MAX	---	---	---	---	---	---	---	0.00	5.0	18	16	16
MIN	---	---	---	---	---	---	---	0.00	0.00	0.00	12	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58	736	871	500
CAL YEAR 2005	MAX	11.0	MIN	0.000	AC-FT	922						
WTR YEAR 2006	MAX	18.0	MIN	0.000	AC-FT	2164						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Wet Spotted Tail Creek, 00144900

LOCATION.--NW1/4NE1/4 Sec. 10-23-56 W. near Mitchell

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the U.S. Bureau of Reclamation. Data before 1986 available from the Bureau.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	5.0	8.0	6.0	6.0	8.0
2	---	---	---	---	---	---	0.00	5.0	7.0	4.0	5.0	10
3	---	---	---	---	---	---	0.00	4.0	6.0	4.0	5.0	14
4	---	---	---	---	---	---	0.00	5.0	6.0	3.0	5.0	11
5	---	---	---	---	---	---	0.00	5.0	6.0	4.0	6.0	8.0
6	---	---	---	---	---	---	0.00	5.0	5.0	4.0	6.0	6.0
7	---	---	---	---	---	---	0.00	4.0	5.0	3.0	7.0	6.0
8	---	---	---	---	---	---	0.00	4.0	5.0	3.0	7.0	6.0
9	---	---	---	---	---	---	0.00	4.0	4.0	3.0	4.0	7.0
10	---	---	---	---	---	---	0.00	4.0	5.0	4.0	4.0	7.0
11	---	---	---	---	---	---	0.00	4.0	5.0	5.0	5.0	7.0
12	---	---	---	---	---	---	0.00	4.0	4.0	5.0	5.0	7.0
13	---	---	---	---	---	---	0.00	4.0	4.0	5.0	5.0	6.0
14	---	---	---	---	---	---	0.00	4.0	3.0	4.0	5.0	5.0
15	---	---	---	---	---	---	0.00	4.0	3.0	6.0	5.0	5.0
16	---	---	---	---	---	---	0.00	4.0	3.0	4.0	6.0	5.0
17	---	---	---	---	---	---	0.00	4.0	3.0	4.0	6.0	6.0
18	---	---	---	---	---	---	0.00	5.0	3.0	4.0	5.0	5.0
19	---	---	---	---	---	---	5.0	5.0	3.0	5.0	6.0	5.0
20	---	---	---	---	---	---	6.0	6.0	3.0	4.0	7.0	5.0
21	---	---	---	---	---	---	7.0	7.0	3.0	4.0	7.0	5.0
22	---	---	---	---	---	---	5.0	8.0	4.0	4.0	7.0	4.0
23	---	---	---	---	---	---	5.0	8.0	4.0	4.0	7.0	5.0
24	---	---	---	---	---	---	5.0	8.0	3.0	5.0	8.0	6.0
25	---	---	---	---	---	---	5.0	8.0	4.0	5.0	9.0	5.0
26	---	---	---	---	---	---	5.0	8.0	18	5.0	12	5.0
27	---	---	---	---	---	---	5.0	8.0	4.0	6.0	17	5.0
28	---	---	---	---	---	---	6.0	7.0	3.0	6.0	16	4.0
29	---	---	---	---	---	---	5.0	8.0	0.00	6.0	9.0	4.0
30	---	---	---	---	---	---	5.0	8.0	0.00	5.0	11	4.0
31	---	---	---	---	---	---	---	11	---	6.0	10	---
TOTAL	0	0	0	0	0	0	64	178	134	140	223	186
MEAN	---	---	---	---	---	---	2.1	5.7	4.5	4.5	7.2	6.2
MAX	---	---	---	---	---	---	7.0	11	18	6.0	17	14
MIN	---	---	---	---	---	---	0.00	4.0	0.00	3.0	4.0	4.0
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	127	353	266	278	442	369
CAL YEAR 2005	MAX	21.0	MIN	0.000	AC-FT	1426						
WTR YEAR 2006	MAX	18.0	MIN	0.000	AC-FT	1835						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Tub Springs, 00144800

LOCATION.--SE1/4SW1/4 Sec. 27-23-55 W. near Scottsbluff

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

REMARKS.--Values provided by the U.S. Bureau of Reclamation. Data before 1986 available from the Bureau.

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	21	28	21
2	---	---	---	---	---	---	---	0.00	0.00	21	26	19
3	---	---	---	---	---	---	---	0.00	0.00	22	26	21
4	---	---	---	---	---	---	---	0.00	0.00	21	33	21
5	---	---	---	---	---	---	---	0.00	0.00	22	34	19
6	---	---	---	---	---	---	---	0.00	0.00	23	32	17
7	---	---	---	---	---	---	---	0.00	0.00	25	32	17
8	---	---	---	---	---	---	---	0.00	0.00	26	27	17
9	---	---	---	---	---	---	---	0.00	0.00	28	27	17
10	---	---	---	---	---	---	---	0.00	0.00	29	26	16
11	---	---	---	---	---	---	---	0.00	0.00	26	26	16
12	---	---	---	---	---	---	---	0.00	0.00	25	26	16
13	---	---	---	---	---	---	---	21	0.00	25	26	16
14	---	---	---	---	---	---	---	21	0.00	25	27	14
15	---	---	---	---	---	---	---	23	0.00	27	27	7.0
16	---	---	---	---	---	---	---	8.0	0.00	27	26	6.0
17	---	---	---	---	---	---	---	10	0.00	25	25	14
18	---	---	---	---	---	---	---	10	0.00	25	26	15
19	---	---	---	---	---	---	---	10	0.00	25	26	15
20	---	---	---	---	---	---	---	10	0.00	26	25	15
21	---	---	---	---	---	---	---	10	6.0	25	25	11
22	---	---	---	---	---	---	---	6.0	13	25	25	14
23	---	---	---	---	---	---	---	0.00	14	26	25	13
24	---	---	---	---	---	---	---	0.00	17	25	25	13
25	---	---	---	---	---	---	---	0.00	16	24	25	13
26	---	---	---	---	---	---	---	0.00	13	25	26	13
27	---	---	---	---	---	---	---	0.00	14	27	27	10
28	---	---	---	---	---	---	---	0.00	16	27	24	12
29	---	---	---	---	---	---	---	0.00	17	27	23	12
30	---	---	---	---	---	---	---	0.00	19	27	23	12
31	---	---	---	---	---	---	---	0.00	---	28	22	---
TOTAL	0	0	0	0	0	0	0	129	145	780	821	442
MEAN	---	---	---	---	---	---	---	4.2	4.8	25.2	26.5	14.7
MAX	---	---	---	---	---	---	---	23	19	29	34	21
MIN	---	---	---	---	---	---	---	0.00	0.00	21	22	6.0
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	256	288	1547	1628	877
CAL YEAR 2005	MAX	22.0	MIN	0.000	AC-FT	2989						
WTR YEAR 2006	MAX	34.0	MIN	0.000	AC-FT	4596						

NORTH PLATTE RIVER BASIN

NORTHPORT CANAL from North Platte River and Drains via Tri-State Canal, 00115100

LOCATION.--SW1/4SW1/4 Sec. 14-21-51 W. near Bayard

GAGE.--Continuous stage recorder and 12 ft. Parshall flume with modified rating

PERIOD OF RECORD.--1920, 1922 - present

REMARKS.--Published record before 1985 was for Northport Canal from North Platte River. Values published were adjusted to include carriage losses and contributions from drains between the Tri-State diversion from the North Platte River and the Northport Canal gage.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	219	270	228
2	---	---	---	---	---	---	---	0.00	0.00	214	270	237
3	---	---	---	---	---	---	---	0.00	0.00	217	263	251
4	---	---	---	---	---	---	---	0.00	0.00	225	264	231
5	---	---	---	---	---	---	---	0.00	0.00	227	254	224
6	---	---	---	---	---	---	---	0.00	0.00	227	244	215
7	---	---	---	---	---	---	---	0.00	0.00	243	259	204
8	---	---	---	---	---	---	---	124	0.00	253	262	200
9	---	---	---	---	---	---	---	123	0.00	243	259	199
10	---	---	---	---	---	---	---	188	0.00	260	257	192
11	---	---	---	---	---	---	---	181	0.00	275	262	195
12	---	---	---	---	---	---	---	149	0.00	268	268	172
13	---	---	---	---	---	---	---	157	0.00	269	267	130
14	---	---	---	---	---	---	---	154	0.00	274	261	122
15	---	---	---	---	---	---	---	154	0.00	268	262	111
16	---	---	---	---	---	---	---	150	0.00	269	261	101
17	---	---	---	---	---	---	---	145	0.00	276	260	92
18	---	---	---	---	---	---	---	150	0.00	275	263	85
19	---	---	---	---	---	---	---	143	0.00	270	264	88
20	---	---	---	---	---	---	0.00	156	0.00	270	263	97
21	---	---	---	---	---	---	0.00	167	0.00	273	261	99
22	---	---	---	---	---	---	0.00	168	4.0	276	259	97
23	---	---	---	---	---	---	0.00	164	178	266	259	100
24	---	---	---	---	---	---	0.00	97	181	250	250	104
25	---	---	---	---	---	---	0.00	22	191	258	243	108
26	---	---	---	---	---	---	0.00	0.00	205	247	243	104
27	---	---	---	---	---	---	0.00	0.00	219	248	262	99
28	---	---	---	---	---	---	0.00	0.00	222	251	263	94
29	---	---	---	---	---	---	0.00	0.00	246	256	250	93
30	---	---	---	---	---	---	0.00	0.00	238	262	264	89
31	---	---	---	---	---	---	---	0.00	---	264	242	---
TOTAL	0	0	0	0	0	0	0	2592	1684	7893	8029	4361
MEAN	---	---	---	---	---	---	0.000	83.6	56.1	254.5	259.1	145.4
MAX	---	---	---	---	---	---	0.00	188	246	276	270	251
MIN	---	---	---	---	---	---	0.00	0.00	0.00	214	242	85
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5141	3340	15660	15930	8650
CAL YEAR 2005	MAX	280.0	MIN	0.000	AC-FT	35290						
WTR YEAR 2006	MAX	276.0	MIN	0.000	AC-FT	48710						

NORTH PLATTE RIVER BASIN

HORSE CREEK near Lyman, 06677500

LOCATION.--SE1/4NE1/4 Sec. 25-23-58 W., Scotts Bluff County, Lat. 41° 56' 21", Long. 103° 59' 13", on right bank 50 feet upstream from county highway bridge, 1.8 miles upstream from mouth, 2.2 miles downstream from Owl Creek and 3.2 miles northeast of Lyman.

DRAINAGE AREA.--1,707 square miles, approximately 1,667 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 3,992.84 feet above mean sea level.

PERIOD OF RECORD.--Feb. 1931 to present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 5,110 cubic feet per second June 6, 1967, gage height 10.82 feet; minimum daily discharge 0.40 cubic feet per second February 1, 1949.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,350 cubic feet per second June 12, gage height 9.60 feet; minimum daily discharge 5 cubic feet per second on April 28.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	34	19	12	16	20	8.0e	12	6.1	62	86	53	135
2	31	19	12	16	17	8.0e	11	6.7	36	83	42	141
3	29	18	11	15	18	8.0e	10	8.7	25	87	49	140
4	28	18	12	14	17	8.0e	9.4	12	19	59	33	167
5	30	18	14	13	21	10	8.8	14	16	55	33	168
6	28	18	13e	14	19	8.5	7.7	15	13	55	60	152
7	27	18	13e	14	16	8.3	7.2	63	11	50	86	201
8	28	17	13e	14	12	8.9	6.8	286	10	52	81	293
9	27	17	13e	14	22	9.7	6.4	238	9.3	59	70	209
10	42	17	13e	13	21	9.2	6.0	188	10	64	50	116
11	44	18	13e	14	21	8.7	5.7	232	101	58	32	86
12	31	18	13e	14	11	9.8	5.6	134	1310	79	25	74
13	27	17	11	12	7.2	9.3	5.5	66	330	85	30	67
14	26	18	11	13	7.7	9.1	5.6	46	42	67	48	62
15	25	18	13e	13	8.0e	9.3	5.9	38	29	52	49	54
16	24	17	13e	13	8.0e	8.8	6.2	37	23	51	51	50
17	24	18	13e	15	8.0e	8.6	7.1	41	20	55	50	46
18	23	17	13e	14	8.0e	8.4	8.0	37	19	51	52	43
19	24	16	13e	14	8.0e	9.8	7.7	39	17	53	58	42
20	25	15	13e	12	8.0e	8.7	8.0	51	15	85	55	40
21	26	15	13e	15	8.0e	9.5	8.6	58	100	90	52	38
22	27	15	16	15	8.0e	9.7	8.5	44	263	78	53	38
23	24	14	15	22	8.0e	9.9	8.4	46	371	71	51	42
24	25	14	14	15	8.0e	10	64	57	333	67	52	40
25	26	15	13	15	8.0e	11	107	69	197	62	51	36
26	26	14	14	15	8.0e	13	66	75	115	76	67	34
27	23	13	14	19	8.0e	22	5.4	61	92	89	73	33
28	21	15	15	17	8.0e	26	5.0	91	59	48	95	32
29	21	14e	15	17	---	16	5.4	188	96	39	104	31
30	20	15	14	18	---	15	6.1	177	103	58	115	29
31	19	---	14	24	---	13	---	107	---	51	130	---
TOTAL	835	495	409	469	341.9	332.2	435	2531.5	3846.3	2015	1850	2639
MEAN	26.9	16.5	13.2	15.0	12.3	10.7	14.6	81.7	128.3	65.0	59.7	88.0
MAX	44	19	16	24	22	26	107	286	1310	90	130	293
MIN	19	13	11	12	7.2	8.0	5.0	6.1	9.3	39	25	29
AC-FT	1656	982	811	930	678	659	863	5021	7629	3997	3669	5234
CAL YEAR 2005	TOTAL		11926	MEAN	32.7	MAX	397.0	MIN	2.7	AC-FT	23660	
WTR YEAR 2006	TOTAL		16199	MEAN	44.4	MAX	1310	MIN	5.0	AC-FT	32130	

e indicates estimated discharge.

SHEEP CREEK near Morrill, 06678000

LOCATION.--NW1/4SW1/4 Sec. 16-23-57 W., Scotts Bluff County, Lat. 41° 57' 50", Long. 103° 56' 20", on left bank 40 feet upstream from Burlington Northern Inc. railroad bridge, 50 feet downstream and 20 feet east from bridge on U.S. Highway 26, one mile west of Morrill and 1.5 miles upstream from the mouth.

DRAINAGE AREA.--362 square miles, approximately 337 square miles contributes to surface runoff.

GAGE.--Continuous stage recorder. Gage datum 3,995.04 feet above sea level.

PERIOD OF RECORD.--Oct. 1931 to present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good except estimated records poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 516 cubic feet per second July 21, 1978, gage height 6.62 feet; minimum daily discharge 0.1 cubic feet per second December 16, 23, 1956, January 18, March 12, 1957, result of diversion for construction upstream.

EXTREMES FOR CURRENT YEAR.--Peak discharge 165 cubic feet per second October 10, gage height 2.72 feet; minimum daily discharge 3.3 cubic feet per second July 17.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	45	46e	45	42	43	45	33	42	12	8.9	12
2	14	45	46e	41	42	42	45	32	40	11	8.6	11
3	14	46e	46e	42	41	42	42	33	36	12	9.0	11
4	14	47e	45e	41	41	43	43	35	34	11	9.4	11
5	13	49	45e	40	42	42	41	34	39	9.6	10	11
6	11	50	44e	42	41	43	38	35	39	8.9	11	11
7	9.9	45	43e	44	41	43	38	35	45	8.5	11	11
8	9.3	41	44e	44	41	45	37	35	44	8.4	12	11
9	8.7	40	44e	41	42	44	37	34	44	8.7	12	11
10	51	43	44e	44	42	43	34	34	39	8.0	11	11
11	70	46	45e	46	42	42	35	35	43	7.1	11	11
12	62	45	45e	45	42	42	33	25	47	6.5	12	12
13	58	44	45e	42	42	41	33	11	42	5.8	12	11
14	54	46	45e	44	42	41	33	9.9	41	5.1	9.8	11
15	51	46	45e	46	44	41	36	9.5	39	4.8	10	11
16	50	47	45e	45	42e	40	36	9.5	39	4.1	11	11
17	48	46e	45e	45	42e	41	35	9.6	40	3.3	11	11
18	46	46e	45e	48	41e	41	36	9.8	39	5.1	11	10
19	46	46e	45e	45	41e	46	38	9.7	39	10	12	9.9
20	47	46e	45e	42	40e	45	37	9.5	23	12	12	10
21	47	46e	45e	45	40	42	34	9.5	12	12	12	11
22	46	46e	45	43	40	42	30	28	11	12	12	10
23	46	46e	45	44	40	42	27	35	11	11	11	10
24	46	46e	43	42	41	42	32	34	12	10	8.8	10
25	45	46e	44	38	40	43	37	34	12	11	12	10
26	45	46e	45	42	40	45	38	32	12	10	12	10
27	46	46e	44	41	41	46	36	33	13	11	12	10
28	45	46e	45	42	42	45	32	33	14	11	12	11
29	49	46e	44	41	---	46	34	35	12	11	12	10
30	47	46e	41	42	---	49	34	36	12	11	12	10
31	47	---	43	42	---	46	---	41	---	11	12	---
TOTAL	1199.9	1369	1381	1334	1157	1338	1086	829	915	282.9	342.5	320.9
MEAN	38.7	45.6	44.6	43.0	41.2	43.2	36.2	26.8	30.5	9.1	11.1	10.8
MAX	70	50	46	48	44	49	45	41	47	12	12	12
MIN	8.7	40	41	38	40	40	27	9.5	11	3.3	8.6	9.9
AC-FT	2380	2715	2739	2646	2295	2654	2154	1644	1815	561	679	636
CAL YEAR 2005	TOTAL		10612	MEAN	29.1	MAX	82.0	MIN	2.7	AC-FT	21050	
WTR YEAR 2006	TOTAL		11555	MEAN	31.7	MAX	70.0	MIN	3.3	AC-FT	22920	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from North Platte River, 00040000

LOCATION.--NE1/4NW1/4 Sec. 27-23-57 W. near Morrill

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916, 1919 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	29	---	---	---	---	---	8.9	49	69	105	91	96
2	29	---	---	---	---	---	8.9	48	65	103	84	94
3	32	---	---	---	---	8.5	8.9	48	64	106	85	92
4	38	---	---	---	---	8.5	8.9	59	63	101	86	92
5	39	---	---	---	---	8.6	8.9	74	65	98	86	90
6	37	---	---	---	---	8.6	8.9	56	72	99	85	91
7	37	---	---	---	---	8.6	9.0	60	76	97	84	93
8	37	---	---	---	---	8.6	9.0	81	81	96	84	100
9	37	---	---	---	---	8.6	9.0	80	85	96	83	99
10	37	---	---	---	---	8.6	9.0	77	87	105	80	94
11	38	---	---	---	---	8.6	9.0	77	93	117	79	93
12	38	---	---	---	---	8.6	9.0	74	92	130	79	94
13	30	---	---	---	---	8.6	9.0	67	56	133	78	89
14	9.5	---	---	---	---	8.7	9.0	63	60	137	77	86
15	6.8	---	---	---	---	8.7	9.1	69	57	128	76	82
16	6.8	---	---	---	---	8.7	9.1	73	51	107	76	77
17	6.9	---	---	---	---	8.7	9.1	75	50	107	84	71
18	49	---	---	---	---	8.7	9.1	76	48	110	88	72
19	---	---	---	---	---	8.7	9.1	76	47	109	88	73
20	---	---	---	---	---	8.7	9.1	82	52	115	90	73
21	---	---	---	---	---	8.7	9.1	91	73	136	90	74
22	---	---	---	---	---	8.8	60	94	140	138	90	73
23	---	---	---	---	---	8.8	86	110	168	138	90	72
24	---	---	---	---	---	8.8	91	87	136	132	86	73
25	---	---	---	---	---	8.8	86	85	126	123	85	73
26	---	---	---	---	---	8.8	70	82	113	109	86	68
27	---	---	---	---	---	8.8	66	81	112	105	88	62
28	---	---	---	---	---	8.8	57	78	105	108	88	62
29	---	---	---	---	---	8.8	53	78	104	109	91	62
30	---	---	---	---	---	8.9	50	78	111	112	100	61
31	---	---	---	---	---	8.9	---	74	---	119	100	---
TOTAL	537	0	0	0	0	252.2	808.1	2302	2521	3528	2657	2431
MEAN	30.0	---	---	---	---	8.7	26.9	74.2	83.9	113.8	85.7	81.0
MAX	49	---	---	---	---	8.9	91	110	168	138	100	100
MIN	6.8	---	---	---	---	8.5	8.9	48	47	96	76	61
AC-FT	1065	0.00	0.00	0.00	0.00	500	1603	4566	5000	6998	5270	4822
CAL YEAR 2005	MAX	168.0	MIN	0.000	AC-FT	22660						
WTR YEAR 2006	MAX	168.0	MIN	6.8	AC-FT	29820						

DRY SPOTTED TAIL CREEK at Mitchell, 06679000

LOCATION.--SE1/4SE1/4 SEC. 20-23-56 W., Scotts Bluff County, Lat. 41° 56' 45", Long. 103° 49' 35", on right bank 5 feet upstream from bridge on county road, 0.8 mile upstream from mouth, and 1 mile west of the intersection of U.S. Highway 26 and State Highway 29 in Mitchell.

DRAINAGE AREA.--77.2 square miles.

GAGE.--Continuous stage recorder. Gage datum is 3,943.75 feet National Geodetic Vertical Datum. Datum 1.00 foot higher before October 1, 1958.

PERIOD OF RECORD.--1948 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1979. Records are fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,010 cubic feet per second June 24, 1951, gage height 8.55 feet; minimum daily discharge 1.6 cubic feet per second June 28, 1966.

EXTREMES FOR CURRENT YEAR.--Peak discharge 114 cubic feet per second June 24, gage height 1.49 feet; minimum daily discharge, 2.3 cubic feet per second April 19.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16	16	16	13	9.2	12	13	31	23	58	66	72
2	16	16	17	13	6.2	12	12	14	21	49	58	75
3	18	15	16	9.4	7.0	12	12	13	19	49	56	72
4	18	14	14	5.8	8.0	12	12	13	19	50	54	54
5	33	15	13	5.8	8.1	12	11	17	19	49	49	35
6	47	17	12	5.8	8.3	13	14	12	18	48	47	30
7	47	16	13	6.1	9.6	13	13	11	17	48	43	28
8	47	17	13	6.2	9.5	13	13	18	16	50	42	31
9	48	16	13	5.9	11	13	14	19	16	52	42	28
10	54	16	12	6.3	11	12	14	25	17	58	39	24
11	53	15	12	6.6	13	13	13	30	21	62	40	21
12	50	15	11	7.7	12	12	12	23	23	63	44	21
13	42	17	11	8.1	13	11	11	17	13	65	44	19
14	21	17	11	8.3	12	9.8	10	16	13	65	43	19
15	21	16	12	8.4	12	9.6	9.9	18	13	60	42	20
16	20	12	11	8.7	12	9.4	9.1	20	13	52	41	24
17	20	8.5	11	9.4	12	9.5	8.8	21	13	55	43	25
18	19	8.7	10	9.6	12	10.0	5.1	21	13	57	43	24
19	19	8.6	9.9	9.0	12	10	2.3	15	12	61	43	24
20	19	9.0	10	9.0	12	9.2	3.8	19	13	69	43	25
21	19	9.1	11	9.0	12	10	4.7	26	29	77	45	24
22	18	9.2	12	9.2	12	10	36	35	58	79	42	20
23	18	9.2	13	9.3	12	10	79	59	92	81	42	22
24	18	9.4	13	10	12	11	86	43	89	76	40	22
25	18	9.6	13	11	12	11	87	35	79	70	47	20
26	18	9.9	13	11	12	12	76	33	67	66	57	19
27	18	9.9	13	12	12	13	71	30	58	67	60	17
28	18	9.3	13	12	12	12	60	28	55	66	62	15
29	18	9.9	13	13	---	12	57	26	59	68	61	14
30	17	13	12	12	---	12	57	26	60	66	66	13
31	17	---	13	12	---	13	---	25	---	68	68	---
TOTAL	825	383.3	386.9	282.6	305.9	353.5	826.7	739	978	1904	1512	857
MEAN	26.6	12.8	12.5	9.1	10.9	11.5	27.5	23.9	32.6	61.4	48.8	28.5
MAX	54	17	17	13	13	13	87	59	92	81	68	75
MIN	16	8.5	9.9	5.8	6.2	9.2	2.3	11	12	48	39	13
AC-FT	1636	760	767	561	607	701	1640	1466	1940	3777	2999	1700
CAL YEAR 2005	TOTAL		8267	MEAN	22.6	MAX	98.0	MIN	2.2	AC-FT	16400	
WTR YEAR 2006	TOTAL		9354	MEAN	25.6	MAX	92.0	MIN	2.3	AC-FT	18550	

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Mitchell, 06679500

LOCATION.--NE1/4NE1/4 Sec. 33-23-56 W., Scotts Bluff County, Lat. 41° 55' 38", Long. 103° 48' 48", on right bank 10 feet downstream from bridge on County Highway, 0.5 mile south of Mitchell.

DRAINAGE AREA.--24,300 square miles, approximately 22,300 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 3,928.3 feet above sea level.

PERIOD OF RECORD.--June 1901 to September 1910, periodic record 1911 to 1918, continuous May 1920 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 27,500 cubic feet per second June 3, 1909, gage height 6.45 feet, datum then in use; maximum gage height 7.80 feet May 29, 1984; minimum daily discharge 54 cubic feet per second May 3, 1965.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,370 cubic feet per second June 12, gage height 4.91 feet; minimum daily discharge 104 cubic feet per second May 4.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	184	395	336	300	271	270	272	137	244	198	269	391
2	172	390	335	298	270	262	273	110	206	183	320	385
3	165	388	331	297	267	259	270	105	180	183	315	346
4	187	379	328	294	268	258	271	104	162	179	301	334
5	254	382	324	293	270	254	269	124	151	175	296	313
6	293	381	311	293	267	250	265	111	139	175	287	299
7	286	379	279	293	268	250	265	107	132	179	285	306
8	284	381	254	292	266	253	263	195	127	184	290	417
9	298	379	279	293	265	262	262	264	124	184	288	367
10	363	379	325	292	262	256	257	289	123	205	261	281
11	483	378	333	292	254	253	254	299	162	231	253	246
12	464	375	330	289	263	255	248	279	1410	260	257	229
13	463	369	323	285	262	253	244	183	528	279	272	213
14	456	371	316	286	264	251	239	154	270	299	259	202
15	449	370	307	286	268	250	241	141	214	272	252	193
16	448	367	305	284	261	247	238	128	188	208	243	187
17	428	359	307	279	249	246	236	126	173	199	245	182
18	427	366	298	282	213	245	234	125	162	214	240	178
19	429	358	278	282	206	260	233	117	154	229	247	174
20	430	353	292	279	234	267	234	120	157	251	255	170
21	414	353	313	276	260	258	212	133	164	302	246	169
22	413	350	305	276	267	257	231	138	339	328	233	163
23	412	349	308	275	273	256	241	264	495	345	215	166
24	413	345	308	275	271	253	248	358	438	310	186	165
25	413	345	305	276	270	255	269	344	367	283	185	159
26	412	343	304	278	271	262	256	328	301	246	220	156
27	409	340	302	277	274	280	257	334	252	237	279	152
28	406	330	303	275	274	296	212	314	243	245	288	149
29	406	317	303	275	---	292	169	338	217	236	313	147
30	401	346	300	271	---	290	162	332	209	233	471	144
31	397	---	299	273	---	278	---	299	---	251	457	---
TOTAL	11459	10917	9541	8816	7308	8078	7325	6400	8031	7303	8528	6983
MEAN	369.6	363.9	307.7	284.4	261.0	260.5	244.2	206.5	267.6	235.6	275.1	232.8
MAX	483	395	336	300	274	296	273	358	1410	345	471	417
MIN	165	317	254	271	206	245	162	104	123	175	185	144
AC-FT	22730	21650	18920	17490	14500	16020	14530	12690	15930	14490	16920	13850
CAL YEAR 2005	TOTAL		94512	MEAN	258.9	MAX	862.0	MIN	80.0	AC-FT	187500	
WTR YEAR 2006	TOTAL		100689	MEAN	275.9	MAX	1410	MIN	104.0	AC-FT	199700	

NORTH PLATTE RIVER BASIN

TUB SPRINGS near Scottsbluff, 06680000

LOCATION.--SW1/4SW1/4 Sec. 33-23-55 W., Scotts Bluff County, Lat. 41° 54' 55", Long. 103° 42' 55", upstream from bridge, 0.2 miles downstream from headgates of Enterprise Canal, 1.5 miles upstream from mouth, and 3.5 miles northwest of Scottsbluff.

DRAINAGE AREA.--Undetermined, channel serves as a drain for return flow from irrigation districts.

GAGE.--Continuous stage recorder; datum of gage is 3,926.54 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1948 - present

REMARKS.--Published by United States Geological Survey from 1948 - 1979. Records are good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1610 cubic feet per second, June 21, 1952 on basis of slope-area measurement of peak flow caused by break in Interstate Canal, no gage height determined; minimum daily discharge 0.70 cubic feet per second May 7, 1965.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 128 cubic feet per second August 27, gage height 1.55 feet; minimum daily discharge 12 cubic feet per second April 17 & 18.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25	24	19	18	16	16	15	23	34	31	34	40
2	29	24	19	18	15	16	15	40	30	31	29	42
3	39	24	19	19	15	16	15	27	30	32	28	38
4	41	23	19	19	15	16	15	29	30	32	29	38
5	44	23	18	18	15	16	14	49	30	31	27	38
6	34	23	18	18	15	16	14	45	31	33	26	39
7	33	23	17	18	15	16	14	43	30	32	27	39
8	31	23	17	18	15	16	14	53	31	33	29	44
9	31	22	17	18	16	17	14	57	31	32	27	48
10	37	23	17	17	16	16	14	56	32	31	26	48
11	35	23	17	17	15	16	13	57	35	31	24	46
12	31	23	17	17	15	16	13	57	40	29	25	45
13	30	22	17	17	15	16	13	50	33	31	25	45
14	28	22	17	17	15	16	13	44	30	32	25	45
15	27	22	19	17	15	16	13	44	31	32	24	44
16	27	22	19	17	16	16	13	48	33	30	24	41
17	27	22	19	17	16	16	12	46	34	30	25	39
18	27	22	19	17	16	16	12	43	34	32	27	38
19	27	22	19	17	16	17	13	39	33	33	28	38
20	27	21	19	17	16	17	13	40	34	35	28	37
21	27	21	19	17	16	16	14	41	33	38	29	35
22	27	21	19	16	16	16	14	41	38	40	30	39
23	26	22	19	16	16	16	14	60	46	40	31	40
24	26	21	19	17	17	16	15	43	52	40	32	39
25	26	20	19	17	17	16	16	37	48	40	31	38
26	26	20	19	16	16	16	16	34	48	41	33	37
27	26	20	19	16	16	16	16	34	47	38	48	39
28	26	19	18	16	16	16	16	35	38	34	36	45
29	26	20	18	16	---	15	17	35	39	35	37	54
30	26	20	18	16	---	15	17	37	31	36	40	57
31	25	---	18	16	---	15	---	41	---	34	38	---
TOTAL	917	657	567	530	438	496	427	1328	1066	1049	922	1255
MEAN	29.6	21.9	18.2	17.0	15.6	16.0	14.2	42.8	35.5	34.0	29.7	41.8
MAX	44	24	19	19	17	17	17	60	52	41	48	57
MIN	25	19	17	16	15	15	12	23	30	29	24	35
AC-FT	1819	1303	1125	1051	869	984	847	2634	2114	2081	1829	2489
CAL YEAR 2005	TOTAL		8452	MEAN	23.2	MAX	98.0	MIN	11.0	AC-FT	16760	
WTR YEAR 2006	TOTAL		9652	MEAN	26.4	MAX	60.0	MIN	12.0	AC-FT	19140	

NORTH PLATTE RIVER BASIN

WINTERS CREEK CANAL from North Platte River, 00148000

LOCATION.--NE1/4SE1/4 Sec. 17-22-55 W. near Scottsbluff

GAGE.--Continuous stage recorder and 8 ft. Parshall flume

PERIOD OF RECORD.--1916, 1918 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	---	18	15	29	24
2	0.00	---	---	---	---	---	---	---	17	15	30	25
3	0.00	---	---	---	---	---	---	---	17	18	30	24
4	0.00	---	---	---	---	---	---	---	16	20	30	23
5	0.00	---	---	---	---	---	---	---	16	21	30	22
6	---	---	---	---	---	---	---	---	15	24	29	22
7	---	---	---	---	---	---	---	---	14	25	29	22
8	---	---	---	---	---	---	---	---	12	28	29	24
9	---	---	---	---	---	---	---	---	12	26	28	24
10	---	---	---	---	---	---	---	---	11	28	27	22
11	---	---	---	---	---	---	---	---	12	31	26	21
12	---	---	---	---	---	---	---	---	22	32	27	20
13	---	---	---	---	---	---	---	---	21	33	27	20
14	---	---	---	---	---	---	---	---	18	32	26	19
15	---	---	---	---	---	---	---	---	17	32	26	14
16	---	---	---	---	---	---	---	12	16	29	26	13
17	---	---	---	---	---	---	---	12	16	27	26	14
18	---	---	---	---	---	---	---	12	16	28	26	15
19	---	---	---	---	---	---	---	10	15	27	25	15
20	---	---	---	---	---	---	---	13	14	27	25	14
21	---	---	---	---	---	---	---	17	14	29	25	13
22	---	---	---	---	---	---	---	18	17	31	24	13
23	---	---	---	---	---	---	---	24	19	32	23	13
24	---	---	---	---	---	---	---	23	19	31	22	13
25	---	---	---	---	---	---	---	21	18	30	21	4.9
26	---	---	---	---	---	---	---	20	17	29	22	0.00
27	---	---	---	---	---	---	---	19	16	28	24	0.00
28	---	---	---	---	---	---	---	19	16	28	27	0.00
29	---	---	---	---	---	---	---	19	15	28	27	0.00
30	---	---	---	---	---	---	---	19	15	27	27	0.00
31	---	---	---	---	---	---	---	19	---	28	25	---
TOTAL	0	0	0	0	0	0	0	277	481	839	818	453.9
MEAN	0.000	---	---	---	---	---	---	17.3	16.1	27.0	26.4	15.0
MAX	0.00	---	---	---	---	---	---	24	22	33	30	25
MIN	0.00	---	---	---	---	---	---	10	11	15	21	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	549	954	1664	1622	900
CAL YEAR 2005	MAX	38.0	MIN	0.000	AC-FT	5559						
WTR YEAR 2006	MAX	33.0	MIN	0.000	AC-FT	5690						

NORTH PLATTE RIVER BASIN

WINTERS CREEK CANAL from Winters Creek, 00149000

LOCATION.--SW1/4NE1/4 SEC. 19-22-54 W. near Scottsbluff

GAGE.--Continuous stage recorder and 8 ft. Parshall flume

PERIOD OF RECORD.--1919 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	---	0.00	23	27	41	31
2	0.00	---	---	---	---	---	---	0.00	19	8.6	41	27
3	0.00	---	---	---	---	---	---	0.00	18	0.00	41	27
4	0.00	---	---	---	---	---	---	0.00	35	0.00	41	26
5	0.00	---	---	---	---	---	---	0.00	35	0.00	41	20
6	---	---	---	---	---	---	---	0.00	35	28	42	16
7	---	---	---	---	---	---	0.00	0.00	34	38	47	16
8	---	---	---	---	---	---	0.00	0.00	34	38	47	19
9	---	---	---	---	---	---	0.00	0.00	34	42	48	22
10	---	---	---	---	---	---	0.00	0.00	37	45	49	21
11	---	---	---	---	---	---	0.00	0.00	34	40	50	21
12	---	---	---	---	---	---	0.00	0.00	0.00	43	47	21
13	---	---	---	---	---	---	0.00	0.00	0.00	42	46	21
14	---	---	---	---	---	---	0.00	0.00	0.00	38	46	21
15	---	---	---	---	---	---	0.00	0.00	0.00	40	45	21
16	---	---	---	---	---	---	0.00	0.00	0.00	40	43	21
17	---	---	---	---	---	---	0.00	5.7	0.00	41	42	17
18	---	---	---	---	---	---	0.00	8.5	0.00	43	42	14
19	---	---	---	---	---	---	0.00	13	16	45	43	12
20	---	---	---	---	---	---	0.00	0.00	28	45	43	7.6
21	---	---	---	---	---	---	0.00	0.00	28	46	43	5.5
22	---	---	---	---	---	---	0.00	35	36	44	43	5.0
23	---	---	---	---	---	---	0.00	31	30	45	43	2.0
24	---	---	---	---	---	---	0.00	27	15	44	41	0.00
25	---	---	---	---	---	---	0.00	28	14	44	40	0.00
26	---	---	---	---	---	---	0.00	32	18	44	42	0.00
27	---	---	---	---	---	---	0.00	31	16	42	45	0.00
28	---	---	---	---	---	---	0.00	32	19	40	46	0.00
29	---	---	---	---	---	---	0.00	33	22	40	48	0.00
30	---	---	---	---	---	---	0.00	40	26	41	37	0.00
31	---	---	---	---	---	---	---	27	---	39	36	---
TOTAL	0	0	0	0	0	0	0	343.2	606	1112.6	1349	414.1
MEAN	0.000	---	---	---	---	---	0.000	11.1	20.2	35.8	43.6	13.8
MAX	0.00	---	---	---	---	---	0.00	40	37	46	50	31
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	36	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	681	1202	2207	2676	821
CAL YEAR 2005	MAX	55.0	MIN	0.000	AC-FT	8140						
WTR YEAR 2006	MAX	50.0	MIN	0.000	AC-FT	7587						

NORTH PLATTE RIVER BASIN

CENTRAL CANAL from North Platte River, 00022000

LOCATION.--NW1/4NW1/4 Sec. 36-22-55 W. near Gering

GAGE.--Continuous stage recorder and concrete box

PERIOD OF RECORD.--1919 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.6	---	---	---	---	---	---	---	27	28	31	28
2	7.5	---	---	---	---	---	---	---	27	28	32	28
3	7.4	---	---	---	---	---	---	---	27	29	32	28
4	---	---	---	---	---	---	---	---	27	27	34	28
5	---	---	---	---	---	---	---	---	26	21	34	27
6	---	---	---	---	---	---	---	---	26	29	35	26
7	---	---	---	---	---	---	---	---	25	29	35	27
8	---	---	---	---	---	---	---	---	25	30	35	26
9	---	---	---	---	---	---	---	---	25	30	35	23
10	---	---	---	---	---	---	---	---	26	30	34	22
11	---	---	---	---	---	---	---	---	26	31	32	17
12	---	---	---	---	---	---	---	---	17	30	33	17
13	---	---	---	---	---	---	---	---	18	30	32	18
14	---	---	---	---	---	---	---	---	4.1	30	31	18
15	---	---	---	---	---	---	---	---	8.7	29	30	18
16	---	---	---	---	---	---	---	---	16	30	29	15
17	---	---	---	---	---	---	---	---	19	30	29	9.6
18	---	---	---	---	---	---	---	---	19	31	27	9.1
19	---	---	---	---	---	---	---	0.26	22	31	25	7.8
20	---	---	---	---	---	---	---	5.6	25	22	27	13
21	---	---	---	---	---	---	---	7.2	27	9.1	28	20
22	---	---	---	---	---	---	---	14	19	23	26	14
23	---	---	---	---	---	---	---	19	25	28	27	13
24	---	---	---	---	---	---	---	21	24	28	26	12
25	---	---	---	---	---	---	---	21	25	29	24	9.8
26	---	---	---	---	---	---	---	21	27	33	24	9.5
27	---	---	---	---	---	---	---	22	26	33	25	9.4
28	---	---	---	---	---	---	---	21	26	33	25	9.7
29	---	---	---	---	---	---	---	20	26	34	26	10
30	---	---	---	---	---	---	---	23	27	34	29	11
31	---	---	---	---	---	---	---	25	---	33	28	---
TOTAL	22.5	0	0	0	0	0	0	220.06	687.8	892.1	920	523.9
MEAN	7.5	---	---	---	---	---	---	16.9	23.0	28.8	29.7	17.5
MAX	7.6	---	---	---	---	---	---	25	27	34	35	28
MIN	7.4	---	---	---	---	---	---	0.26	4.1	9.1	24	7.8
AC-FT	45	0.00	0.00	0.00	0.00	0.00	0.00	436	1364	1769	1825	1039
CAL YEAR 2005	MAX		34.0	MIN	0.000	AC-FT	6627					
WTR YEAR 2006	MAX		35.0	MIN	0.26	AC-FT	6479					

WINTERS CREEK near Scottsbluff, 06681000

LOCATION.--NW1/4SE1/4 Sec. 30-22-54 W., Scotts Bluff County, Lat. 41° 51' 08", Long. 103° 37' 35", on right bank 700 feet downstream from bridge on U.S. Highway 26, one mile upstream from mouth, 1.5 miles east of Scottsbluff.

GAGE.--Continuous stage recorder. Gage datum is 3,859.8 feet National Geodetic Datum of 1929.

PERIOD OF RECORD.--1931 - present

REMARKS.--Published by U.S. Geological Survey up to October 1, 1979. Records are good.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1,160 cubic feet per second June 21, 1977, gage height 8.07 feet; maximum gage height 9.34 feet, present datum, January 7, 1949 due to backwater from snow drifts; minimum daily discharge 0.9 cubic feet per second July 5, 1961.

EXTREMES FOR CURRENT YEAR.--Peak discharge 201 cubic feet per second May 6, gage height 3.66 feet; minimum daily discharge 4.2 cubic feet per second June 21.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	61	46	39	28	29	26	22	27	31	20	35	73
2	61	47	39	28	29	26	22	27	37	35	36	80
3	57	46	38	29	29	25	22	28	32	44	36	63
4	51	44	38	29	29	24	23	40	15	44	35	59
5	49	43	37	29	29	24	20	41	13	46	33	59
6	52	43	40	29	29	24	19	50	12	30	32	57
7	51	43	37	29	29	24	19	34	11	19	28	70
8	49	42	35	30	29	25	19	70	11	17	26	74
9	50	42	34	30	29	25	18	162	12	12	26	65
10	93	42	35	30	30	24	18	45	13	12	29	67
11	114	41	34	30	28	24	19	43	21	9.6	31	64
12	61	40	27	30	29	24	19	45	66	15	33	61
13	48	39	21	30	28	23	19	44	54	18	35	62
14	46	40	21	30	28	23	20	43	51	20	33	62
15	45	38	20	30	28	23	20	41	49	22	32	63
16	45	36	21	30	28	23	20	43	46	22	31	63
17	45	36	21	30	28	23	21	31	42	24	32	69
18	44	35	21	29	26	23	21	27	39	23	33	97
19	44	34	21	29	27	26	22	32	17	21	34	113
20	44	34	21	30	26	25	22	46	5.3	22	34	117
21	44	33	22	30	28	25	26	47	4.2	26	32	109
22	44	33	23	30	28	25	26	32	66	25	32	114
23	45	32	23	30	28	24	26	16	107	28	32	133
24	45	32	23	31	26	24	28	12	83	27	34	127
25	46	32	24	31	26	24	27	8.9	76	26	36	94
26	45	32	25	31	27	24	27	9.4	77	26	39	72
27	46	31	26	31	26	25	27	10	59	29	52	71
28	47	33	27	31	26	23	27	11	25	31	59	80
29	47	40	29	32	---	23	26	9.2	18	34	78	86
30	47	40	27	31	---	23	27	12	21	35	62	80
31	46	---	28	30	---	22	---	30	---	33	63	---
TOTAL	1612	1149	877	927	782	746	672	1116.5	1113.5	795.6	1163	2404
MEAN	52.0	38.3	28.2	29.8	27.8	24.1	22.4	36.1	37.1	25.6	37.6	80.1
MAX	114	47	40	32	30	26	28	162	107	46	78	133
MIN	44	31	20	28	26	22	18	8.9	4.2	9.6	26	57
AC-FT	3197	2279	1740	1839	1551	1480	1333	2215	2209	1578	2307	4768
CAL YEAR 2005	TOTAL		12590	MEAN	34.5	MAX	123.0	MIN	2.8	AC-FT	24970	
WTR YEAR 2006	TOTAL		13358	MEAN	36.6	MAX	162.0	MIN	4.2	AC-FT	26490	

NORTH PLATTE RIVER BASIN

MINATARE CANAL from North Platte River, 00099000

LOCATION.--NW1/4SW1/4 Sec. 33-22-54 W. near Scottsbluff

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1919 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	54	---	---	---	---	---	---	29	64	74	108	90
2	51	---	---	---	---	---	---	35	68	76	111	91
3	51	---	---	---	---	---	---	35	69	77	107	81
4	53	---	---	---	---	---	---	38	69	78	103	73
5	58	---	---	---	---	---	---	42	72	78	102	72
6	56	---	---	---	---	---	---	42	73	78	101	74
7	54	---	---	---	---	---	0.05	43	75	80	100	74
8	50	---	---	---	---	---	0.05	45	78	90	101	78
9	47	---	---	---	---	---	0.05	44	78	100	102	82
10	45	---	---	---	---	---	0.04	43	79	104	101	80
11	38	---	---	---	---	---	0.01	44	81	107	99	75
12	38	---	---	---	---	---	0.01	45	77	107	100	75
13	42	---	---	---	---	---	0.01	43	65	102	98	70
14	44	---	---	---	---	---	0.00	42	64	103	97	69
15	18	---	---	---	---	---	0.00	48	61	104	94	64
16	0.97	---	---	---	---	---	---	50	69	97	93	60
17	0.97	---	---	---	---	---	---	47	75	95	96	61
18	16	---	---	---	---	---	---	51	71	96	98	63
19	17	---	---	---	---	---	---	52	71	98	100	59
20	17	---	---	---	---	---	---	50	75	102	101	56
21	17	---	---	---	---	---	---	52	79	103	101	54
22	17	---	---	---	---	---	---	56	74	106	101	55
23	16	---	---	---	---	---	---	67	69	108	99	57
24	---	---	---	---	---	---	---	68	62	102	93	58
25	---	---	---	---	---	---	---	67	57	100	89	57
26	---	---	---	---	---	---	5.0	70	59	97	95	57
27	---	---	---	---	---	---	19	74	65	96	98	56
28	---	---	---	---	---	---	13	69	65	102	89	57
29	---	---	---	---	---	---	19	66	71	105	87	57
30	---	---	---	---	---	---	23	67	73	105	94	57
31	---	---	---	---	---	---	---	67	---	106	93	---
TOTAL	800.94	0	0	0	0	0	79.22	1591	2108	2976	3051	2012
MEAN	34.9	---	---	---	---	---	5.6	51.3	70.4	96.0	98.4	67.1
MAX	58	---	---	---	---	---	23	74	81	108	111	91
MIN	0.97	---	---	---	---	---	0.00	29	57	74	87	54
AC-FT	1589	0.00	0.00	0.00	0.00	0.00	157	3156	4181	5903	6052	3991
CAL YEAR 2005	MAX	115.0	MIN	0.000	AC-FT	21200						
WTR YEAR 2006	MAX	111.0	MIN	0.000	AC-FT	25030						

GERING CREEK near Gering, 06681500

LOCATION.--SE1/4NE1/4 Sec. 6-21-54 W., Scotts Bluff County, Lat. 41° 49' 20", Long 103° 37' 02", on right bank 200 feet downstream from county road bridge, 0.2 mile downstream from bridge on State Highway 92, one mile upstream from the mouth, and two miles east of Gering.

GAGE.--Continuous stage recorder. Gage datum is 3,850.62 feet National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--Feb. 1931 - Sep. 1945, Oct. 1948 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 9,560 cubic feet per second June 8, 1958, gage height 18.3 ft. from high water mark; minimum daily discharge 5.0 cubic feet per second August 13, 16, 19, 1940.

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,100 cubic feet per second June 12, gage height 10.89 feet; minimum daily discharge 9.6 cubic feet per second April 18.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24	21	19	21	16	16	16	18	19	95	79	97
2	24	21	19	21	16	15	16	30	18	77	80	100
3	24	21	19	21	15	15	16	18	18	78	81	104
4	24	21	18	20	15	16	16	21	18	80	81	97
5	25	21	18	20	15	16	15	28	18	87	74	101
6	23	21	18	21	15	15	15	29	16	86	71	106
7	23	21	16	21	14	16	15	38	16	83	73	90
8	23	20	16	21	15	16	14	91	16	82	74	71
9	23	20	18	20	15	17	14	158	19	84	74	31
10	41	19	19	21	15	16	13	129	17	81	73	28
11	29	20	19	21	14	16	12	93	111	79	71	27
12	24	20	19	21	14	16	12	77	454	82	72	26
13	24	19	19	20	14	16	11	73	42	76	76	25
14	24	19	19	20	15	16	11	44	36	77	75	24
15	24	19	19	20	15	16	11	39	34	79	74	22
16	24	18	18	20	14	16	11	44	34	84	70	22
17	24	18	18	20	12	16	10	46	35	84	72	22
18	23	18	18	21	12	16	9.6	33	34	85	73	23
19	23	19	17	21	13	17	9.9	32	32	86	77	22
20	23	18	19	18	13	17	13	38	32	87	75	22
21	23	19	19	17	14	16	12	37	31	86	75	23
22	22	19	20	17	15	16	15	31	202	84	76	22
23	22	19	20	17	15	16	15	41	124	81	76	24
24	22	19	20	17	16	15	16	53	179	77	78	22
25	22	19	20	16	15	16	15	54	139	81	79	22
26	22	19	20	16	15	16	15	48	124	84	91	22
27	22	20	20	16	15	19	17	73	120	79	113	22
28	21	19	20	16	15	17	17	53	100	77	102	22
29	21	19	20	16	---	16	17	38	92	76	94	22
30	21	19	20	16	---	16	16	20	74	77	95	22
31	21	---	20	16	---	16	---	19	---	76	96	---
TOTAL	735	585	584	589	407	499	415.5	1546	2204	2530	2470	1283
MEAN	23.7	19.5	18.9	18.9	14.6	16.0	13.9	49.9	73.4	81.5	79.5	42.8
MAX	41	21	20	21	16	19	17	158	454	95	113	106
MIN	21	18	16	16	12	15	9.6	18	16	76	70	22
AC-FT	1458	1160	1158	1168	807	990	824	3066	4372	5018	4899	2545
CAL YEAR 2005 TOTAL			13429	MEAN	36.8	MAX	295.0	MIN	10.0	AC-FT	26640	
WTR YEAR 2006 TOTAL			13848	MEAN	37.9	MAX	454.0	MIN	9.6	AC-FT	27470	

NORTH PLATTE RIVER BASIN

CASTLE ROCK - STEAMBOAT CANAL from North Platte River, 00021000

LOCATION.--NE1/4SE1/4 Sec. 14-21-54 W. near Melbeta

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916, 1918 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.7	---	---	---	---	---	---	49	65	87	90	68
2	0.00	---	---	---	---	---	---	48	60	78	85	66
3	0.00	---	---	---	---	---	---	50	58	78	79	68
4	---	---	---	---	---	---	---	49	60	77	78	68
5	---	---	---	---	---	---	---	51	58	78	76	68
6	---	---	---	---	---	---	---	54	55	79	84	67
7	---	---	---	---	---	---	---	52	55	84	87	65
8	---	---	---	---	---	---	---	51	55	83	86	66
9	---	---	---	---	---	---	---	50	55	79	85	67
10	---	---	---	---	---	---	---	60	61	79	84	66
11	---	---	---	---	---	---	---	58	72	81	81	59
12	---	---	---	---	---	---	---	57	59	82	82	54
13	---	---	---	---	---	---	0.00	57	63	85	82	52
14	---	---	---	---	---	---	3.4	52	56	89	81	51
15	---	---	---	---	---	---	10	55	59	91	81	51
16	---	---	---	---	---	---	14	56	39	86	79	51
17	---	---	---	---	---	---	22	67	75	81	80	50
18	---	---	---	---	---	---	23	74	74	82	83	50
19	---	---	---	---	---	---	22	77	71	83	85	50
20	---	---	---	---	---	---	27	78	70	85	86	49
21	---	---	---	---	---	---	33	79	69	92	87	49
22	---	---	---	---	---	---	41	75	78	93	87	48
23	---	---	---	---	---	---	54	75	70	93	91	48
24	---	---	---	---	---	---	43	79	60	90	90	46
25	---	---	---	---	---	---	32	74	58	88	88	45
26	---	---	---	---	---	---	33	69	63	84	91	44
27	---	---	---	---	---	---	45	66	79	84	93	43
28	---	---	---	---	---	---	53	67	78	85	82	43
29	---	---	---	---	---	---	54	68	82	84	73	43
30	---	---	---	---	---	---	52	68	83	82	72	43
31	---	---	---	---	---	---	---	69	---	61	71	---
TOTAL	5.7	0	0	0	0	0	561.4	1934	1940	2583	2579	1638
MEAN	1.9	---	---	---	---	---	31.1	62.3	64.7	83.3	83.1	54.6
MAX	5.7	---	---	---	---	---	54	79	83	93	93	68
MIN	0.00	---	---	---	---	---	0.00	48	39	61	71	43
AC-FT	11	0.00	0.00	0.00	0.00	0.00	1114	3836	3848	5123	5115	3249
CAL YEAR 2005	MAX		94.0	MIN	0.000	AC-FT	21920					
WTR YEAR 2006	MAX		93.0	MIN	0.000	AC-FT	22300					

NORTH PLATTE RIVER near Minatare, 06682000

LOCATION.--Main channel gage: SW1/4SW1/4 Sec. 18-21-53 W., Scotts Bluff County, Lat. 41° 47' 24", Long. 103° 31' 08", on right bank 15 feet downstream from bridge on State Highway 326, 1.8 mile southwest of Minatare; Nine Mile channel gage: NE1/4SE1/4 Sec. 13-21-54 W., Scotts Bluff County, Lat. 41° 47' 32", Long. 103° 31' 08", on left bank 20 feet upstream from bridge on State Highway 326 and 750 feet north of main channel bridge.

GAGE.--Continuous stage recorders operated on Main and Nine Mile channels. Main channel gage datum 3,807.0 feet above sea level; Nine Mile Channel gage datum 3,812.3 feet above sea level.

PERIOD OF RECORD.--Irrigation season 1916 - 1919 & 1922, June 1923 - present (monthly discharges only for some periods)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 19,500 cubic feet per second July 2, 1917, combined channel discharge; minimum daily discharge 11 cubic feet per second August 16 - 18, 1940, combined channel discharge.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,530 cubic feet per second June 12, combined channel discharge; minimum daily discharge 148 cubic feet per second June 21, combined channel discharge.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	371	582	524	474	415	407	413	255	325	305	230	520
2	350	576	524	468	413	402	409	225	290	279	261	517
3	336	571	519	467	409	415	401	210	268	281	281	518
4	340	561	507	461	405	426	407	205	233	262	292	497
5	373	555	504	459	410	424	412	237	220	263	278	493
6	398	571	496	460	405	406	403	268	198	231	258	485
7	427	575	477	458	405	400	401	253	179	199	245	453
8	443	571	431	461	407	410	395	259	171	187	251	476
9	457	560	468	465	407	411	397	489	197	172	252	501
10	568	544	476	466	394	405	393	448	206	177	243	463
11	657	547	499	466	395	402	384	420	224	200	234	375
12	642	546	504	456	396	399	382	422	1020	204	243	343
13	618	533	499	449	399	396	382	389	1050	211	253	328
14	615	539	486	451	402	394	370	309	611	232	253	321
15	624	537	475	450	404	396	360	264	464	243	251	307
16	638	540	480	443	398	393	359	254	402	213	237	310
17	634	548	473	435	387	391	350	231	315	179	231	297
18	628	551	469	438	336	390	335	204	260	181	216	294
19	621	550	484	430	378	405	331	176	200	186	229	301
20	624	541	493	423	388	411	327	183	150	190	235	301
21	622	539	472	422	388	398	322	183	148	227	228	294
22	616	541	477	418	390	393	310	183	432	240	225	292
23	609	535	479	421	399	386	304	191	620	261	213	308
24	607	538	477	420	407	379	324	284	745	262	201	303
25	611	536	478	419	400	384	345	316	657	252	192	300
26	606	536	474	424	400	392	346	308	587	241	225	296
27	601	533	473	423	402	410	308	340	507	229	330	286
28	601	517	479	422	408	427	310	344	426	225	370	286
29	600	530	481	420	---	436	299	330	380	214	386	292
30	589	521	469	416	---	424	278	328	317	216	452	290
31	585	---	473	417	---	416	---	348	---	233	528	---
TOTAL	17011	16424	15020	13702	11147	12528	10757	8856	11802	6995	8323	11047
MEAN	548.7	547.5	484.5	442.0	398.1	404.1	358.6	285.7	393.5	225.6	268.5	368.2
MAX	657	582	524	474	415	436	413	489	1050	305	528	520
MIN	336	517	431	416	336	379	278	176	148	172	192	286
AC-FT	33740	32580	29790	27180	22110	24850	21340	17570	23410	13870	16510	21910
CAL YEAR 2005	TOTAL		141841	MEAN	388.6	MAX	833.0	MIN	47.0	AC-FT	281300	
WTR YEAR 2006	TOTAL		143612	MEAN	393.5	MAX	1050	MIN	148.0	AC-FT	284900	

NORTH PLATTE RIVER BASIN

NINE MILE CANAL from North Platte River, 00106000

LOCATION.--SW1/4SW1/4 SEC. 16-21-53 W. near Minatare

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1918 - 1919, 1921 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.8	9.0	---	---	---	---	---	7.8	43	36	11	36
2	7.4	8.6	---	---	---	---	---	3.5	40	35	11	35
3	7.0	8.7	---	---	---	---	---	0.03	40	34	13	35
4	7.0	8.7	---	---	---	---	---	0.02	37	33	13	34
5	7.0	8.7	---	---	---	---	---	0.01	37	34	13	31
6	7.0	8.7	---	---	---	---	0.01	0.15	37	36	13	21
7	10	8.2	---	---	---	---	0.01	5.8	38	36	15	21
8	10	7.9	---	---	---	---	0.01	11	35	38	19	21
9	10	7.9	---	---	---	---	0.01	19	37	38	29	23
10	12	7.8	---	---	---	---	0.01	9.4	34	39	36	23
11	12	7.8	---	---	---	---	0.00	13	33	40	33	22
12	12	7.8	---	---	---	---	0.00	17	33	42	2.3	22
13	12	7.7	---	---	---	---	0.00	19	31	44	3.6	22
14	12	7.7	---	---	---	---	0.00	16	19	46	9.2	20
15	13	7.7	---	---	---	---	0.00	14	2.3	43	14	19
16	11	7.6	---	---	---	---	0.00	13	0.08	40	26	20
17	9.7	7.6	---	---	---	---	0.00	13	0.08	35	26	19
18	5.2	---	---	---	---	---	0.00	14	6.7	28	26	19
19	0.04	---	---	---	---	---	0.00	21	30	4.8	27	19
20	0.04	---	---	---	---	---	0.00	29	28	7.2	28	19
21	0.04	---	---	---	---	---	0.00	33	36	7.4	28	18
22	0.04	---	---	---	---	---	0.00	36	33	7.0	27	19
23	0.05	---	---	---	---	---	0.00	44	32	7.6	25	20
24	0.05	---	---	---	---	---	0.00	52	29	7.6	24	20
25	6.8	---	---	---	---	---	0.00	49	25	9.1	23	20
26	10	---	---	---	---	---	2.9	53	30	8.6	24	20
27	10	---	---	---	---	---	9.0	52	32	9.5	28	20
28	10	---	---	---	---	---	15	50	31	10	28	19
29	10	---	---	---	---	---	16	47	37	10	24	20
30	10	---	---	---	---	---	13	45	39	10	25	20
31	9.5	---	---	---	---	---	---	45	---	9.9	32	---
TOTAL	238.66	138.1	0	0	0	0	55.95	731.71	885.16	785.7	656.1	677
MEAN	7.8	8.1	---	---	---	---	2.3	23.6	29.5	25.3	21.2	22.5
MAX	13	9.0	---	---	---	---	16	53	43	46	36	36
MIN	0.04	7.6	---	---	---	---	0.00	0.01	0.08	4.8	2.3	18
AC-FT	473	274	0.00	0.00	0.00	0.00	111	1451	1756	1558	1301	1343
CAL YEAR 2005	MAX	42.0	MIN	0.000	AC-FT	8603						
WTR YEAR 2006	MAX	53.0	MIN	0.000	AC-FT	8268						

NORTH PLATTE RIVER BASIN

NINE MILE CANAL from Ninemile Creek, 00106100

LOCATION.--SE1/4SW1/4 SEC. 10-21-53 W. near Minatare

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1988 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.5	18	---	---	---	---	---	7.8	52	53	---	48
2	7.5	16	---	---	---	---	---	9.6	50	52	---	46
3	6.9	16	---	---	---	---	---	15	46	50	---	45
4	17	16	---	---	---	---	---	13	47	49	---	50
5	15	16	---	---	---	---	---	8.8	49	52	---	50
6	11	16	---	---	---	---	---	7.9	48	53	---	47
7	18	14	---	---	---	---	---	15	45	53	6.6	47
8	22	14	---	---	---	---	---	17	44	52	29	49
9	22	15	---	---	---	---	---	19	45	53	42	47
10	31	16	---	---	---	---	---	3.9	49	56	45	48
11	35	16	---	---	---	---	---	17	50	58	48	47
12	23	16	---	---	---	---	---	23	52	58	---	47
13	17	15	---	---	---	---	---	8.7	46	59	---	44
14	16	16	---	---	---	---	---	6.4	45	59	---	41
15	16	15	---	---	---	---	---	4.7	44	58	38	41
16	16	15	---	---	---	---	---	23	42	57	34	40
17	16	15	---	---	---	---	---	43	43	58	33	39
18	20	---	---	---	---	---	---	41	43	54	34	38
19	21	---	---	---	---	---	---	38	41	---	38	41
20	21	---	---	---	---	---	---	38	44	---	38	38
21	20	---	---	---	---	---	9.7	37	47	---	40	35
22	20	---	---	---	---	---	12	41	57	---	42	34
23	20	---	---	---	---	---	8.6	53	41	---	40	37
24	19	---	---	---	---	---	10	48	42	---	37	38
25	19	---	---	---	---	---	7.1	46	56	---	40	36
26	19	---	---	---	---	---	6.3	45	56	---	46	34
27	19	---	---	---	---	---	9.8	44	55	---	56	34
28	18	---	---	---	---	---	9.4	48	54	---	56	37
29	17	---	---	---	---	---	9.4	51	54	---	43	36
30	17	---	---	---	---	---	9.1	52	53	---	38	35
31	18	---	---	---	---	---	---	55	---	---	50	---
TOTAL	564.9	265	0	0	0	0	91.4	879.8	1440	984	873.6	1249
MEAN	18.3	15.6	---	---	---	---	9.2	28.3	48.1	54.7	39.6	41.7
MAX	35	18	---	---	---	---	12	55	57	59	56	50
MIN	6.9	14	---	---	---	---	6.3	3.9	41	49	6.6	34
AC-FT	1120	526	0.00	0.00	0.00	0.00	181	1745	2856	1952	1733	2477
CAL YEAR 2005	MAX	95.0	MIN	0.000	AC-FT	12970						
WTR YEAR 2006	MAX	59.0	MIN	3.9	AC-FT	12590						

NORTH PLATTE RIVER BASIN

NINE MILE CREEK near McGrew, 06682500

LOCATION.--SE1/4SE1/4 Sec. 23-21-53 W., Scotts Bluff County, Lat. 41° 46' 15", Long. 103° 25' 18", on right bank 65 feet upstream from county highway bridge, 0.5 mile upstream from mouth, and 1.5 miles north of McGrew.

PERIOD OF RECORD.--1932 - present

GAGE.--Continuous stage recorder. Altitude of gage is 3,780 feet from topographic map.

REMARKS.--Published by the U. S. Geological Survey up to October 1, 1979. Records are fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,470 cubic feet per second, May 24, 1987, gage height 6.69 feet; minimum daily discharge 12 cubic feet per second May 13 & 14, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 323 cubic feet per second August 29, gage height 3.88 feet; minimum daily discharge 13 cubic feet per second June 16.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	60	47	52	50	45	42e	40	33	67	50	118	111
2	59	52	52	48	45	41e	39	34	68	53	120	115
3	57	51	52	49	45	41e	38	48	66	46	115	116
4	84	51	51	48	44	41e	39	47	64	43	107	105
5	84	49	52	48	45	40e	39	49	61	60	102	99
6	62	48	51	48	42	40e	39	48	57	61	103	84
7	62	50	48	49	42	40	41	59	54	71	100	83
8	60	50	46	49	41	42	38	63	45	69	69	86
9	60	46	49	48	40e	42	38	129	49	71	56	92
10	97	49	50	48	40e	42	39	71	55	67	58	98
11	115	47	50	49	40e	41	40	107	57	74	66	96
12	84	46	49	48	40e	42	39	134	75	70	115	94
13	65	47	49	46	42e	40	40	90	51	71	114	88
14	61	52	50	46	42e	40	41	80	29	68	119	85
15	61	50	49	45	43e	40	42	82	16	63	102	84
16	59	47	48	45	44e	39	41	68	13	58	68	81
17	55	48	46	44	44e	39	42	27	14	58	70	78
18	52	48	44	44	43e	39	41	21	16	61	71	78
19	52	47	43	44	43e	43	40	22	40	98	73	87
20	54	45	43	43	43e	42	39	34	19	102	76	83
21	56	45	43	44	43e	40	34	37	26	110	78	81
22	55	45	44	43	43e	40	33	38	81	101	80	77
23	50	44	47	43	43e	39	32	43	134	101	81	82
24	50	43	47	44	43e	39	36	45	63	101	77	79
25	51	39	48	43	42e	39	34	53	42	95	77	74
26	53	46	49	45	42e	42	37	69	43	93	89	76
27	52	57	48	44	42e	44	43	68	37	92	131	75
28	49	52	49	45	42e	41	45	63	26	94	151	76
29	47	55	49	44	---	42	46	60	34	98	223	74
30	45	54	48	44	---	40	39	62	54	101	129	69
31	44	---	48	45	---	40	---	72	---	103	111	---
TOTAL	1895	1450	1494	1423	1193	1262	1174	1856	1456	2403	3049	2606
MEAN	61.1	48.4	48.2	45.9	42.5	40.7	39.1	59.9	48.5	77.6	98.3	86.8
MAX	115	57	52	50	45	44	46	134	134	110	223	116
MIN	44	39	43	43	40	39	32	21	13	43	56	69
AC-FT	3759	2876	2963	2822	2366	2503	2329	3681	2888	4766	6048	5169
CAL YEAR 2005	TOTAL		23243	MEAN	63.7	MAX	448.0	MIN	2.9	AC-FT	46100	
WTR YEAR 2006	TOTAL		21261	MEAN	58.2	MAX	223.0	MIN	13.0	AC-FT	42170	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

SHORT LINE CANAL from North Platte River, 00133000

LOCATION.--NW1/4SE1/4 Sec. 25-21-53 W. near McGrew

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1916, 1920 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24	17	---	---	---	---	---	---	40	38	4.1	30
2	22	19	---	---	---	---	---	---	43	39	4.1	30
3	16	19	---	---	---	---	---	---	41	35	4.2	30
4	25	20	---	---	---	---	---	---	39	34	4.3	29
5	25	20	---	---	---	---	---	1.2	38	45	29	28
6	20	20	---	---	---	---	---	6.7	36	46	51	25
7	20	21	---	---	---	---	---	9.7	35	46	53	24
8	20	20	---	---	---	---	---	28	30	46	47	25
9	20	20	---	---	---	---	---	36	27	43	42	26
10	20	20	---	---	---	---	---	28	26	44	44	27
11	20	20	---	---	---	---	---	43	16	46	30	27
12	12	20	---	---	---	---	---	43	15	45	5.2	27
13	9.0	20	---	---	---	---	---	41	24	48	6.7	26
14	8.6	21	---	---	---	---	---	44	24	48	16	25
15	8.1	21	---	---	---	---	---	45	17	44	21	24
16	7.0	20	---	---	---	---	---	41	15	42	17	24
17	6.0	---	---	---	---	---	---	26	16	43	20	22
18	8.9	---	---	---	---	---	---	22	19	42	20	22
19	17	---	---	---	---	---	---	22	36	1.2	21	23
20	17	---	---	---	---	---	---	27	22	1.4	23	23
21	17	---	---	---	---	---	---	28	29	1.7	25	22
22	17	---	---	---	---	---	---	28	29	1.3	25	22
23	17	---	---	---	---	---	---	30	30	1.2	26	23
24	17	---	---	---	---	---	---	31	39	1.5	26	23
25	17	---	---	---	---	---	---	33	43	2.0	26	23
26	18	---	---	---	---	---	---	41	45	18	28	24
27	18	---	---	---	---	---	---	40	43	43	24	24
28	17	---	---	---	---	---	---	37	35	33	26	25
29	18	---	---	---	---	---	---	36	37	3.9	33	18
30	17	---	---	---	---	---	---	35	40	4.1	26	1.6
31	17	---	---	---	---	---	---	39	---	4.1	31	---
TOTAL	515.6	318	0	0	0	0	0	841.6	929	890.4	758.6	722.6
MEAN	16.7	19.7	---	---	---	---	---	31.2	31.0	28.7	24.5	24.0
MAX	25	21	---	---	---	---	---	45	45	48	53	30
MIN	6.0	17	---	---	---	---	---	1.2	15	1.2	4.1	1.6
AC-FT	1023	631	0.00	0.00	0.00	0.00	0.00	1669	1843	1766	1505	1433
CAL YEAR 2005	MAX	38.0	MIN	0.000	AC-FT	9005						
WTR YEAR 2006	MAX	53.0	MIN	1.2	AC-FT	9869						

NORTH PLATTE RIVER BASIN

CHIMNEY ROCK CANAL from North Platte River, 00024000

LOCATION.--NE1/4SE1/4 Sec. 1-20-53 W. near Bayard

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	34	---	---	---	---	---	---	50	58	66	51	42
2	34	---	---	---	---	---	---	50	59	70	51	33
3	34	---	---	---	---	---	---	52	58	79	66	25
4	37	---	---	---	---	---	---	50	53	83	82	26
5	40	---	---	---	---	---	4.4	53	53	86	88	32
6	41	---	---	---	---	---	4.5	51	55	80	91	35
7	43	---	---	---	---	---	4.5	49	56	69	91	36
8	43	---	---	---	---	---	4.5	45	58	90	91	40
9	40	---	---	---	---	---	4.5	43e	57	90	93	42
10	38	---	---	---	---	---	4.6	43e	57	76	93	38
11	26	---	---	---	---	---	4.6	44e	59	92	93	33
12	27	---	---	---	---	---	4.6	45e	58	92	95	34
13	16	---	---	---	---	---	4.7	46e	58	73	94	36
14	16	---	---	---	---	---	4.7	50e	59	85	93	37
15	20	---	---	---	---	---	4.7	52	61	75	90	36
16	21	---	---	---	---	---	4.8	53	62	74	89	36
17	21	---	---	---	---	---	4.8	50	65	74	88	36
18	22	---	---	---	---	---	4.8	47	63	73	85	36
19	22	---	---	---	---	---	4.9	45	62	66	85	44
20	19	---	---	---	---	---	4.9	60	61	38	82	48
21	17	---	---	---	---	---	17	62	57	24	80	47
22	15	---	---	---	---	---	26	64	59	23	79	45
23	14	---	---	---	---	---	24	64	61	59	78	44
24	13	---	---	---	---	---	26	64	61	57	77	43
25	12	---	---	---	---	---	27	59	60	58	76	42
26	---	---	---	---	---	---	28	58	61	77	77	42
27	---	---	---	---	---	---	41	60	64	88	75	41
28	---	---	---	---	---	---	41	60	63	89	52	39
29	---	---	---	---	---	---	49	59	63	92	41	31
30	---	---	---	---	---	---	50	59	64	92	40	31
31	---	---	---	---	---	---	---	58	---	76	41	---
TOTAL	665	0	0	0	0	0	403.5	1645	1785	2266	2407	1130
MEAN	26.7	---	---	---	---	---	15.5	53.0	59.5	73.0	77.6	37.7
MAX	43	---	---	---	---	---	50	64	65	92	95	48
MIN	12	---	---	---	---	---	4.4	43	53	23	40	25
AC-FT	1319	0.00	0.00	0.00	0.00	0.00	800	3263	3540	4495	4774	2241
CAL YEAR 2005	MAX		76.0	MIN	0.000	AC-FT	16550					
WTR YEAR 2006	MAX		95.0	MIN	4.4	AC-FT	20430					

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Bayard Creek, 00002000

LOCATION.--NW1/4SW1/4 Sec. 4-20-52 W. near Bayard

GAGE.--Continuous stage recorder and concrete box

PERIOD OF RECORD.--1924 - 1926, 1928 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	28	3.9	---	---	---	---	---	8.3	13	32	0.00	31
2	28	3.9	---	---	---	---	---	9.5	11	32	0.00	31
3	27	---	---	---	---	---	---	9.5	10	33	0.00	31
4	27	---	---	---	---	---	---	11	10	32	0.00	31
5	28	---	---	---	---	---	---	13	9.9	30	1.4	31
6	28	---	---	---	---	---	0.00	15	7.3	29	14	29
7	28	---	---	---	---	---	0.00	18	5.2	30	15	30
8	28	---	---	---	---	---	0.00	8.8	4.2	30	14	29
9	27	---	---	---	---	---	0.00	19	3.2	30	17	28
10	32	---	---	---	---	---	0.00	19	2.2	33	19	29
11	32	---	---	---	---	---	3.4	21	3.8	36	21	29
12	30	---	---	---	---	---	8.3	22	6.5	38	18	31
13	26	---	---	---	---	---	11	21	7.0	38	18	30
14	24	---	---	---	---	---	11	20	7.6	40	19	29
15	24	---	---	---	---	---	12	18	7.4	42	22	28
16	23	---	---	---	---	---	14	16	9.1	42	23	30
17	22	---	---	---	---	---	13	16	10	41	25	30
18	22	---	---	---	---	---	14	19	11	19	23	30
19	22	---	---	---	---	---	11	18	13	0.00	23	30
20	23	---	---	---	---	---	7.8	17	13	0.00	24	30
21	28	---	---	---	---	---	7.7	15	16	0.00	24	29
22	28	---	---	---	---	---	7.6	14	23	0.00	25	28
23	28	---	---	---	---	---	7.6	21	26	0.00	26	30
24	28	---	---	---	---	---	8.6	21	32	0.00	26	30
25	28	---	---	---	---	---	9.4	19	32	0.00	27	29
26	29	---	---	---	---	---	9.1	18	35	5.5	29	28
27	13	---	---	---	---	---	8.6	18	36	15	33	28
28	3.9	---	---	---	---	---	8.4	18	34	10	33	28
29	3.9	---	---	---	---	---	8.1	16	33	0.00	32	28
30	3.9	---	---	---	---	---	8.0	15	34	0.00	29	28
31	3.9	---	---	---	---	---	---	15	---	0.00	30	---
TOTAL	726.6	7.8	0	0	0	0	188.6	509.1	465.4	637.5	610.4	883
MEAN	23.5	3.9	---	---	---	---	7.5	16.4	15.6	20.6	19.7	29.4
MAX	32	3.9	---	---	---	---	14	22	36	42	33	31
MIN	3.9	3.9	---	---	---	---	0.00	8.3	2.2	0.00	0.00	28
AC-FT	1441	15	0.00	0.00	0.00	0.00	374	1010	923	1264	1211	1751
CAL YEAR 2005	MAX	32.0	MIN	0.000	AC-FT	8211						
WTR YEAR 2006	MAX	42.0	MIN	0.000	AC-FT	7990						

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Red Willow Creek, 00003000

LOCATION.--NW1/4SW1/4 Sec. 6-20-51 W. near Bayard

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1918 - 1926, 1928 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	9.1	---	---	---	---	---	0.00	10.0	18	0.24	17
2	9.0	9.7	---	---	---	---	---	0.00	7.0	20	0.33	24
3	11	10	---	---	---	---	---	0.00	8.4	19	0.44	25
4	15	9.7	---	---	---	---	---	0.00	8.9	18	0.54	25
5	10	9.3	---	---	---	---	---	0.00	9.2	20	9.1	18
6	9.6	8.9	---	---	---	---	0.00	0.00	12	20	21	18
7	8.4	8.4	---	---	---	---	0.00	0.00	15	21	24	18
8	7.4	7.9	---	---	---	---	0.00	0.00	14	20	26	19
9	9.0	7.8	---	---	---	---	0.00	0.00	14	21	25	21
10	11	8.0	---	---	---	---	0.00	4.7	14	23	28	22
11	13	8.0	---	---	---	---	0.00	34	13	23	28	20
12	8.3	8.0	---	---	---	---	0.00	20	2.3	24	28	15
13	9.5	7.8	---	---	---	---	0.00	25	11	24	29	10
14	8.7	8.3	---	---	---	---	0.00	27	7.8	26	33	12
15	6.4	8.8	---	---	---	---	0.00	26	5.9	28	32	14
16	4.6	8.6	---	---	---	---	0.00	26	6.0	24	27	17
17	6.5	8.8	---	---	---	---	0.00	21	9.6	24	28	18
18	8.1	8.8	---	---	---	---	0.00	20	9.8	15	21	19
19	7.4	---	---	---	---	---	0.00	19	10.0	1.3	23	20
20	7.4	---	---	---	---	---	0.00	19	11	0.00	28	20
21	7.2	---	---	---	---	---	0.00	18	12	0.00	29	21
22	7.1	---	---	---	---	---	0.00	14	16	0.00	28	21
23	6.9	---	---	---	---	---	0.00	15	21	0.00	28	22
24	6.9	---	---	---	---	---	0.00	12	19	0.00	29	21
25	6.9	---	---	---	---	---	0.00	10	24	0.04	31	20
26	7.3	---	---	---	---	---	0.00	15	31	20	34	20
27	7.8	---	---	---	---	---	0.00	14	31	33	36	20
28	7.8	---	---	---	---	---	0.00	13	26	22	34	21
29	7.9	---	---	---	---	---	0.00	12	21	0.03	32	20
30	7.9	---	---	---	---	---	0.00	11	19	0.09	29	20
31	8.5	---	---	---	---	---	---	12	---	0.16	27	---
TOTAL	263.5	155.9	0	0	0	0	0	387.7	418.9	464.62	748.65	578
MEAN	8.5	8.7	---	---	---	---	0.000	12.5	13.9	15.0	24.1	19.2
MAX	15	10	---	---	---	---	0.00	34	31	33	36	25
MIN	4.6	7.8	---	---	---	---	0.00	0.00	2.3	0.00	0.24	10
AC-FT	523	309	0.00	0.00	0.00	0.00	0.00	769	831	922	1485	1146
CAL YEAR 2005	MAX	35.0	MIN	0.000	AC-FT	7293						
WTR YEAR 2006	MAX	36.0	MIN	0.000	AC-FT	5985						

BAYARD CREEK near Bayard, 06683000

LOCATION.--NW1/4SW1/4 Sec. 4-20-52 W., Morrill County, Lat. 41° 44' 10", Long. 103° 19' 53", on left bank 600 feet upstream from mouth and 1.2 mile south of Bayard. Reached by driving one mile south of railroad tracks at Bayard on Highway 26 to access right-of-way road where Alliance Canal crosses highway. Then west on right-of-way along canal access road to abandoned canal siphon. Gage on left bank of stream in center of concrete box flume.

DRAINAGE AREA.--No definite drainage area. Flows affected by ground water withdrawals and irrigation diversion return flows.

GAGE.--Continuous stage recorder. Gage datum is 3,746.28 feet above sea level.

PERIOD OF RECORD.--1931 - present

REMARKS.--Published by U.S. Geological Survey up to October 1, 1979 as Bayard Sugar Factory Drain near Bayard. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 391 cubic feet per second July 3, 1956, gage height 4.32 feet; no flow June 1, 2, July 4 - 8, 1934, May 16, 17, 1936, August 8, 9, 1960, April 29, 30, May 4, 5, 1962, May 23 - 31, 1973.

EXTREMES FOR CURRENT YEAR.--Peak discharge 77 cubic feet per second July 18, gage height 1.56 feet; minimum daily discharge 0.30 April 21.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.7	31	15	15	11	9.9	9.3	0.45	3.7	0.63	20	4.5
2	8.8	28	15	14	10	9.0	9.2	0.49	2.4	0.75	19	4.1
3	5.8	29	15	13	9.8	8.8	8.8	0.50	3.4	1.8	18	4.0
4	7.2	28	14	13	9.4	8.9	8.9	0.55	4.3	1.4	13	3.6
5	9.4	23	13	12	10.0	8.8	8.8	0.63	6.3	0.67	11	3.1
6	7.4	24	13	12	9.1	8.6	8.7	1.1	4.9	0.41	7.2	2.0
7	8.0	22	13e	12	9.0	8.8	9.7	4.0	3.2	0.59	7.3	2.2
8	8.2	22	13e	13	8.6	9.0	8.8	0.43	2.9	0.49	7.4	1.7
9	5.1	21	13e	12	8.2	9.2	8.5	2.1	2.8	0.43	7.5	1.9
10	21	19	13e	13	6.7	8.8	8.1	0.68	4.0	0.88	7.9	2.2
11	22	19	12	14	6.3	8.7	3.3	1.4	6.1	3.0	8.1	3.0
12	12	20	13	13	5.5	8.8	0.64	2.2	12	8.5	6.9	6.6
13	5.0	19	13	12	5.6	8.8	0.67	1.1	9.0	6.2	6.6	4.1
14	2.5	21	13	12	5.6	8.6	0.65	0.75	8.1	8.2	5.3	2.2
15	1.8	20	12	12	5.6	8.8	0.62	0.56	3.3	9.2	1.7	2.0
16	1.5	20	12	12	5.7	8.6	0.74	0.65	2.1	6.7	2.0	3.6
17	1.1	17	12	11	6.0e	8.5	0.71	1.7	1.6	7.9	2.6	3.6
18	0.96	17	12	13	8.0e	8.6	0.76	5.4	0.93	20	1.8	4.0
19	0.94	17	12	12	10e	9.3	0.50	7.8	1.3	22	1.9	3.8
20	2.5	19	13	12	10e	9.2	0.32	8.6	0.92	19	2.8	3.6
21	10	19	13	12	10	8.9	0.30	8.2	0.75	20	2.8	3.0
22	10	18	14	11	11	8.7	0.32	6.8	1.5	19	4.3	2.8
23	9.5	17	15	11	12	8.9	0.32	2.1	1.3	21	4.9	5.3
24	9.4	16	14	11	13	9.0	0.32	2.7	3.7	19	4.4	5.0
25	8.4	13	14	12	13	9.6	0.35	2.1	0.90	17	4.1	3.9
26	9.8	9.2	14	12	12	12	0.35	1.6	1.0	10	6.4	3.2
27	25	5.5	14	12	12	13	0.34	3.8	2.0	5.6	13	3.2
28	30	22	14	11	11	11	0.40	4.1	0.98	10	13	3.2
29	29	16	15	11	---	10	0.45	2.9	0.88	17	11	4.0
30	30	14	14	11	---	9.9	0.44	3.3	2.5	16	4.6	3.3
31	31	---	14	11	---	9.3	---	4.8	---	16	4.0	---
TOTAL	341	585.7	416	377	254.1	288	101.3	83.49	98.76	289.35	230.5	102.7
MEAN	11.0	19.6	13.4	12.2	9.1	9.3	3.4	2.7	3.3	9.4	7.4	3.4
MAX	31	31	15	15	13	13	9.7	8.6	12	22	20	6.6
MIN	0.94	5.5	12	11	5.5	8.5	0.30	0.43	0.75	0.41	1.7	1.7
AC-FT	676	1162	825	748	504	571	201	166	196	574	457	204
CAL YEAR 2005	TOTAL		3635	MEAN	10.0	MAX	70.0	MIN	0.000	AC-FT	7210	
WTR YEAR 2006	TOTAL		3168	MEAN	8.7	MAX	31.0	MIN	0.30	AC-FT	6283	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

RED WILLOW CREEK near Bayard, 06684000

LOCATION.--NE1/4NE1/4 SEC. 13-20-52 W., Morrill County, Lat. 41° 42' 51", Long. 103° 15' 10", on left bank 30 feet upstream from timber bridge, 0.2 mile downstream from Wild Horse Creek, 0.8 mile upstream from mouth, and 4.5 miles southeast of Bayard.

GAGE.--Continuous stage recorder. Gage datum is 3,717.29 feet above sea level.

PERIOD OF RECORD.--1931 - present

REMARKS.--Published by U.S. Geological Survey up to October 1, 1979. Records are fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,320 cubic feet per second July 3, 1956, gage height 8.33 feet, present datum; maximum gage height 8.8 feet May 10, 1942, from flood mark, present datum; minimum daily discharge 15 cubic feet per second April 23, 1935, April 26, 1962.

EXTREMES FOR CURRENT YEAR.--Peak discharge 161 cubic feet per second May 11, gage height 3.25 feet; minimum daily discharge 12 cubic feet per second May 3 & 7.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	64	45	53	45e	44	35	37	15	27	39	78	45
2	66	45	53	45e	44	35	36	13	26	38	83	40
3	67	44	52	45e	43	34	37	12	34	38	78	47
4	87	46	51	44e	44	34	37	13	48	34	66	69
5	97	46	50	42e	44	34	35	13	42	42	40	55
6	90	46	51	42e	44	36	35	13	41	34	23	51
7	84	47	50e	41e	43	36	40	12	41	44	37	59
8	73	47	50e	42	44	38	37	54	37	46	50	60
9	64	44	50e	41e	43	39	35	101	34	46	54	65
10	96	44	49e	44e	43	38	34	15	32	51	43	71
11	123	45	49e	48e	44	37	34	111	25	46	53	61
12	102	45	49e	47	44	39	39	127	41	43	59	63
13	85	46	49e	47	44	40	35	98	22	46	65	68
14	77	48	48e	48	44	39	33	72	20e	48	66	73
15	79	48	48e	48	45	39	32	49	20e	56	57	73
16	85	49	47e	47	44	38	32	42	20e	58	41	65
17	80	50	47e	48	40	38	32	36	20e	49	33	60
18	76	50	46e	48	47	39	32	20	20e	69	32	62
19	74	48	46e	47	78	43	32	22	21e	95	28	67
20	75	49	46e	47	41	43	32	32	20	83	36	72
21	64	49	46e	47	42	41	31	41	17	86	39	75
22	65	49	45e	46	42	40	28	47	20	78	40	71
23	64	50	45e	46	41	39	28	55	48	61	31	83
24	59	48	45e	45	41	38	31	33	58	58	33	84
25	61	50	45e	45	39	38	32	33	95	64	36	78
26	67	51	45e	45	38	41	31	29	92	47	45	78
27	66	50	45e	44	38	43	29	21	66	34	76	80
28	53	50e	45e	44	37	40	26	19	54	47	123	82
29	46	51e	45e	44	---	39	21	17	32	80	123	81
30	44	52e	45e	44	---	38	18	24	33	79	88	81
31	45	---	45e	44	---	37	---	34	---	66	75	---
TOTAL	2278	1432	1480	1400	1225	1188	971	1223	1106	1705	1731	2019
MEAN	73.5	47.7	47.8	45.2	43.7	38.4	32.4	39.4	36.8	55.0	55.9	67.2
MAX	123	52	53	48	78	43	40	127	95	95	123	84
MIN	44	44	45	41	37	34	18	12	17	34	23	40
AC-FT	4518	2840	2936	2777	2430	2356	1926	2426	2194	3382	3433	4005
CAL YEAR 2005	TOTAL		19068	MEAN	52.2	MAX	293.0	MIN	18.0	AC-FT	37820	
WTR YEAR 2006	TOTAL		17758	MEAN	48.7	MAX	127.0	MIN	12.0	AC-FT	35220	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

BELMONT CANAL from North Platte River, 00009000

LOCATION.--NW1/4SW1/4 Sec. 20-20-51 W. near Bridgeport

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1916 - 1950, 1962 - present

REMARKS.--Published as Belmont - Empire Canal from 1951 - 1961

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	61	---	---	---	---	---	---	34	78	87	92	61
2	60	---	---	---	---	---	---	38	78	88	72	64
3	56	---	---	---	---	---	21	53	84	87	73	70
4	57	---	---	---	---	---	25	60	86	85	94	68
5	60	---	---	---	---	---	39	55	41	88	89	58
6	61	---	---	---	---	---	38	54	78	89	69	56
7	61	---	---	---	---	---	33	55	78	86	80	53
8	61	---	---	---	---	---	29	55	78	80	94	56
9	62	---	---	---	---	---	29	66	82	88	91	65
10	63	---	---	---	---	---	32	57	82	94	86	62
11	65	---	---	---	---	---	37	50	80	94	92	49
12	65	---	---	---	---	---	37	61	90	94	104	54
13	62	---	---	---	---	---	37	65	87	92	90	60
14	60	---	---	---	---	---	37	64	78	92	87	60
15	---	---	---	---	---	---	36	63	80	91	81	61
16	---	---	---	---	---	---	36	61	84	89	65	58
17	---	---	---	---	---	---	36	57	83	85	73	55
18	---	---	---	---	---	---	35	58	86	85	80	57
19	---	---	---	---	---	---	35	62	84	89	86	58
20	---	---	---	---	---	---	35	63	81	89	89	56
21	---	---	---	---	---	---	35	70	83	---	84	54
22	---	---	---	---	---	---	35	73	89	---	76	54
23	---	---	---	---	---	---	35	73	109	---	78	59
24	---	---	---	---	---	---	35	74	95	21	79	53
25	---	---	---	---	---	---	35	74	87	45	79	47
26	---	---	---	---	---	---	48	72	81	70	89	51
27	---	---	---	---	---	---	53	75	85	78	96	50
28	---	---	---	---	---	---	45	76	87	97	93	52
29	---	---	---	---	---	---	46	68	87	105	---	52
30	---	---	---	---	---	---	41	76	85	103	---	52
31	---	---	---	---	---	---	---	81	---	---	54	---
TOTAL	854	0	0	0	0	0	1015	1943	2486	2291	2415	1705
MEAN	61.0	---	---	---	---	---	36.2	62.7	82.9	84.9	83.3	56.9
MAX	65	---	---	---	---	---	53	81	109	105	104	70
MIN	56	---	---	---	---	---	21	34	41	21	54	47
AC-FT	1694	0.00	0.00	0.00	0.00	0.00	2013	3854	4931	4544	4790	3382
CAL YEAR 2005	MAX	102.0	MIN	0.000	AC-FT	24740						
WTR YEAR 2006	MAX	109.0	MIN	21.0	AC-FT	25210						

NORTH PLATTE RIVER BASIN

BELMONT CANAL from Cedar Creek, 00010000

LOCATION.--NE1/4SW1/4 Sec. 23-18-48 W. near Broadwater

GAGE.--Continuous stage recorder and concrete box

PERIOD OF RECORD.--1919, 1922 - 1923, 1926 - 1927, 1929 - 1943, 1948 - 1952, 1955 - 1964, 1966 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.4e	---	---	---	---	---	---	3.0e	1.8	1.2	2.6	4.0
2	1.4e	---	---	---	---	---	---	4.0e	1.6	1.7	3.7	4.5
3	1.4e	---	---	---	---	---	---	5.0e	1.6	1.7	3.4	4.4
4	1.4e	---	---	---	---	---	---	6.0e	2.4	1.5	2.8	4.6
5	1.3e	---	---	---	---	---	---	7.8e	2.8	2.4	2.7	4.3
6	1.3e	---	---	---	---	---	---	3.1	2.6	2.3	2.9	4.0
7	1.3e	---	---	---	---	---	---	1.8	2.6	2.3	3.1	4.6
8	1.2e	---	---	---	---	---	---	1.7	2.5	2.0	2.4	4.0
9	1.2e	---	---	---	---	---	---	2.0	1.8	1.4	2.9	3.3
10	1.1	---	---	---	---	---	---	2.1	1.5	1.4	2.9	2.9
11	1.1e	---	---	---	---	---	---	2.4	1.3	1.4	2.3	2.8
12	1.1e	---	---	---	---	---	---	2.5	1.3	1.5	2.8	2.6
13	1.1e	---	---	---	---	---	---	2.6	2.6	1.7	2.9	2.6
14	1.1e	---	---	---	---	---	---	2.4	3.2	2.0	2.2	2.5
15	1.1e	---	---	---	---	---	---	2.2	2.2	2.0	3.2	2.4
16	1.0e	---	---	---	---	---	---	2.2	2.3	2.4	2.6	2.4
17	1.0e	---	---	---	---	---	---	2.5	2.2	2.9	2.9	2.4
18	1.0e	---	---	---	---	---	---	2.2	3.1	3.1	2.6	2.4
19	---	---	---	---	---	---	---	1.9	3.0	3.9	2.7	2.5
20	---	---	---	---	---	---	---	2.8	2.1	3.7	3.3	2.3
21	---	---	---	---	---	---	---	4.3	2.2	2.2	2.8	2.0
22	---	---	---	---	---	---	---	5.4	3.3	1.9	3.5	2.4
23	---	---	---	---	---	---	---	4.8	3.3	1.8	3.3	2.3
24	---	---	---	---	---	---	---	1.8	3.2	2.4	3.0	2.2
25	---	---	---	---	---	---	---	0.88	2.8	3.0	2.4	2.1
26	---	---	---	---	---	---	---	0.64	2.1	4.4	3.3	2.1
27	---	---	---	---	---	---	2.0	0.63	2.1	2.7	7.2	2.0
28	---	---	---	---	---	---	2.0e	0.75	1.9	2.2	4.1	1.9
29	---	---	---	---	---	---	2.0e	0.72	1.7	2.4	4.3	1.9
30	---	---	---	---	---	---	3.0e	1.3	1.5	2.2	4.0	1.8
31	---	---	---	---	---	---	---	1.3	---	2.8	4.3	---
TOTAL	21.5	0	0	0	0	0	9	82.72	68.6	70.5	99.1	86.2
MEAN	1.2	---	---	---	---	---	2.3	2.7	2.3	2.3	3.2	2.9
MAX	1.4	---	---	---	---	---	3.0	7.8	3.3	4.4	7.2	4.6
MIN	1.0	---	---	---	---	---	2.0	0.63	1.3	1.2	2.2	1.8
AC-FT	43	0.00	0.00	0.00	0.00	0.00	18	164	136	140	197	171
CAL YEAR 2005	MAX	6.9	MIN	0.000	AC-FT	822						
WTR YEAR 2006	MAX	7.8	MIN	0.63	AC-FT	868						

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

EMPIRE CANAL from North Platte River, 00039000

LOCATION.--SE1/4NE1/4 Sec. 19-20-51 W. near Bridgeport

GAGE.--Continuous stage recorder and 4 ft. Parshall flume

PERIOD OF RECORD.--1916, 1918 - 1919, 1921 - 1926, 1929 - 1945, 1948 - 1950, 1962 - present

REMARKS.--Published as Belmont - Empire Canal, 1951 - 1961

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24	---	---	---	---	---	---	8.7	28	19	---	32
2	23	---	---	---	---	---	---	16	28	19	---	30
3	23	---	---	---	---	---	---	23	24	24	17	31
4	22	---	---	---	---	---	---	22	21	29	23	31
5	23	---	---	---	---	---	0.00	20	23	27	24	29
6	22	---	---	---	---	---	0.00	21	26	25	17	29
7	22	---	---	---	---	---	0.00	23	26	25	18	30
8	22	---	---	---	---	---	0.00	21	25	24	21	29
9	23	---	---	---	---	---	0.00	34	26	25	23	28
10	23	---	---	---	---	---	0.00	36	26	26	22	27
11	24	---	---	---	---	---	0.00	24	26	26	22	23
12	24	---	---	---	---	---	0.00	27	26	26	23	32
13	24	---	---	---	---	---	0.00	27	26	26	25	46
14	15	---	---	---	---	---	0.00	27	26	25	27	47
15	0.00	---	---	---	---	---	0.00	27	26	26	26	40
16	0.00	---	---	---	---	---	0.00	28	26	26	23	28
17	0.00	---	---	---	---	---	0.00	27	26	26	25	28
18	0.00	---	---	---	---	---	0.00	28	26	26	28	28
19	0.00	---	---	---	---	---	0.00	29	25	14	31	28
20	---	---	---	---	---	---	0.00	29	24	0.00	42	27
21	---	---	---	---	---	---	0.00	30	25	0.00	35	27
22	---	---	---	---	---	---	0.00	31	25	0.00	28	24
23	---	---	---	---	---	---	0.00	30	26	0.00	28	23
24	---	---	---	---	---	---	0.00	30	20	0.00	29	22
25	---	---	---	---	---	---	0.00	30	20	0.00	31	14
26	---	---	---	---	---	---	0.00	30	23	0.00	32	8.5
27	---	---	---	---	---	---	0.00	30	24	12	26	8.5
28	---	---	---	---	---	---	0.00	33	22	20	0.00	8.5
29	---	---	---	---	---	---	0.00	32	16	23	0.00	8.4
30	---	---	---	---	---	---	0.00	31	18	24	0.00	7.9
31	---	---	---	---	---	---	---	28	---	23	20	---
TOTAL	314	0	0	0	0	0	0	832.7	729	566	666	774.8
MEAN	16.5	---	---	---	---	---	0.000	26.8	24.3	18.2	22.9	25.8
MAX	24	---	---	---	---	---	0.00	36	28	29	42	47
MIN	0.00	---	---	---	---	---	0.00	8.7	16	0.00	0.00	7.9
AC-FT	623	0.00	0.00	0.00	0.00	0.00	0.00	1652	1446	1123	1321	1537
CAL YEAR 2005	MAX	33.0	MIN	0.000	AC-FT	6405						
WTR YEAR 2006	MAX	47.0	MIN	0.000	AC-FT	7701						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Bridgeport, 06684500

LOCATION.--Main channel gage: NW1/4NW1/4 Sec. 28-20-50 W., Morrill County, Lat. 41° 40' 54", Long. 103° 05' 52", on left bank 0.3 miles upstream from bridge on U.S. Highway 26, 0.8 miles north of Bridgeport.
Browns Creek channel gage: NW1/4NW1/4 Sec. 28-20-50 W., Morrill County, Lat. 41° 40' 55", Long. 103° 05' 53", on right bank 0.2 miles upstream from culvert on U.S. Highway 26, 0.8 miles north of Bridgeport.

DRAINAGE AREA.--25,300 square miles, of which approximately 23,300 square miles contributes directly to surface runoff.

GAGE.--Main channel: Continuous stage recorder. Datum is 3,656.14 feet National Geodetic Vertical Datum of 1929. Browns Creek channel: Continuous stage recorder. Datum is 3,662.51 feet National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1896 - Oct. 1900, May 1902 - Nov. 1906, June to Aug. 1915, May 1916 - present. Published as "near Camp Clark" 1896 - 1900, (some years did not have winter record and some years only had a monthly record).

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 24,900 cubic feet per second June 26, 1899, gage height 5.39 feet at site and datum then in use, from graph based on gage readings; minimum daily discharge 55 cubic feet per second May 28, 1934, August 15, 1940, but may have been less for periods of no record for Browns Creek channel.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,370 cubic feet per second June 13, combined channel flow; minimum daily discharge 131 cubic feet per second June 21, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	530	795	683	705	563	549	620	376	285	285	379	709
2	492	789	680	689	597	533	576	333	270	253	401	667
3	479	770	661	641	620	544	524	308	268	237	429	668
4	464	744	636	614	631	557	550	294	273	211	393	670
5	456	721	627	618	636	553	562	299	246	195	383	649
6	420	713	640	663	604	547	575	340	210	184	350	683
7	459	728	630	705	557	553	612	339	187	170	331	691
8	498	746	674	713	511	573	621	346	156	171	266	668
9	507	765	688e	706	508	587	641	508	175	161	235	708
10	621	770	702e	686	504	599	632	624	181	158	233	761
11	829	779	716e	673	487	626	606	682	182	167	229	728
12	844	763	730	674	522	628	587	684	395	186	251	665
13	821	701	699	676	533	620	573	594	1110	205	299	604
14	814	693	691	686	533	633	529	498	869	210	321	563
15	888	674	661	668	536	644	486	424	545	224	308	559
16	897	655	637	636	539	627	482	382	376	229	289	585
17	887	673	666	617	541e	606	527	345	284	227	266	558
18	855	692	657	624	543e	608	487	282	225	240	265	551
19	835	696	684e	633	544e	650	482	250	189	289	288	542
20	856	708	712e	639	546e	671	498	222	160	435	315	528
21	885	734	740e	626	548e	613	474	207	131	533	324	537
22	893	742	767	607	549e	553	454	201	146	549	301	507
23	884	737	737	614	551e	508	442	202	431	525	289	513
24	896	722	736	619	553e	495	430	192	620	508	287	523
25	890	706	727	589	554	500	439	237	707	459	278	573
26	892	702	702	554	507	539	430	248	654	385	290	589
27	832	722	666	535	524	612	417	260	559	261	374	594
28	809	683	658	535	549	634	395	282	457	194	722	604
29	803	630	686	551	---	634	395	274	392	214	805	628
30	793	685	691	545	---	648	398	282	344	226	841	603
31	795	---	699	542	---	636	---	286	---	244	773	---
TOTAL	22824	21638	21283	19583	15390	18280	15444	10801	11027	8535	11515	18428
MEAN	736.2	721.3	686.5	631.7	549.6	589.7	514.8	348.3	367.4	275.3	371.4	614.2
MAX	897	795	767	713	636	671	641	684	1110	549	841	761
MIN	420	630	627	535	487	495	395	192	131	158	229	507
AC-FT	45270	42920	42210	38840	30530	36260	30630	21420	21870	16930	22840	36550
CAL YEAR 2005	TOTAL		202059	MEAN	553.6	MAX	1090	MIN	106.0	AC-FT	400800	
WTR YEAR 2006	TOTAL		194748	MEAN	533.6	MAX	1110	MIN	131.0	AC-FT	386300	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

BROWNS CREEK CANAL from North Platte River, 00019000

LOCATION.--NW1/4SE1/4 Sec. 28-20-50 W. near Bridgeport

GAGE.--Continuous stage recorder and 8 ft. Parshall flume with modified rating

PERIOD OF RECORD.--1916 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	39	---	---	---	---	---	---	51	63	80	54	28
2	38	---	---	---	---	---	---	57	63	80	75	27
3	37	---	---	---	---	---	---	41	63	79	71	30
4	38	---	---	---	---	---	---	36	63	78	73	29
5	20	---	---	---	---	---	---	36	55	76	84	25
6	5.5	---	---	---	---	---	---	38	52	77	79	22
7	5.2	---	---	---	---	---	---	40	51	78	77	20
8	5.1	---	---	---	---	---	---	46	47	80	69	18
9	5.1	---	---	---	---	---	---	43	52	79	75	19
10	5.1	---	---	---	---	---	---	39	57	79	79	22
11	5.1	---	---	---	---	---	---	39	56	79	78	23
12	4.9	---	---	---	---	---	---	41	39	80	78	22
13	4.8	---	---	---	---	---	---	48	42	82	78	18
14	---	---	---	---	---	---	---	52	43	83	78	25
15	---	---	---	---	---	---	---	53	44	87	78	29
16	---	---	---	---	---	---	---	57	48	88	77	30
17	---	---	---	---	---	---	---	59	55	87	75	30
18	---	---	---	---	---	---	---	54	56	87	75	31
19	---	---	---	---	---	---	0.41	57	61	72	74	32
20	---	---	---	---	---	---	1.5	62	65	58	72	32
21	---	---	---	---	---	---	3.3	69	69	59	71	32
22	---	---	---	---	---	---	6.0	72	65	73	70	31
23	---	---	---	---	---	---	9.3	73	71	74	71	30
24	---	---	---	---	---	---	13	71	70	74	70	30
25	---	---	---	---	---	---	17	75	67	78	72	29
26	---	---	---	---	---	---	22	74	64	84	76	29
27	---	---	---	---	---	---	27	75	70	84	61	29
28	---	---	---	---	---	---	32	73	71	84	50	28
29	---	---	---	---	---	---	38	64	75	87	40	27
30	---	---	---	---	---	---	44	63	78	86	36	20
31	---	---	---	---	---	---	---	63	---	68	31	---
TOTAL	212.8	0	0	0	0	0	213.51	1721	1775	2440	2147	797
MEAN	16.3	---	---	---	---	---	17.9	55.5	59.1	78.6	69.3	26.6
MAX	39	---	---	---	---	---	44	75	78	88	84	32
MIN	4.8	---	---	---	---	---	0.41	36	39	58	31	18
AC-FT	422	0.00	0.00	0.00	0.00	0.00	423	3414	3521	4840	4259	1581
CAL YEAR 2005	MAX	99.0	MIN	0.000	AC-FT	17720						
WTR YEAR 2006	MAX	88.0	MIN	0.41	AC-FT	18460						

NORTH PLATTE RIVER BASIN

COURTHOUSE ROCK CANAL from Pumpkin Creek, 00030000

LOCATION.--SE1/4SW1/4 Sec. 30-19-50 W. near Bridgeport

GAGE.--Continuous stage recorder and concrete box

PERIOD OF RECORD.--1917 - 1927, 1930 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	1.3	0.11	---	---	0.00
2	---	---	---	---	---	---	---	1.2	0.06	---	---	0.00
3	---	---	---	---	---	---	---	1.2	0.05	---	---	0.00
4	---	---	---	---	---	---	---	1.2	---	0.00	---	0.00
5	---	---	---	---	---	---	0.00	1.1	---	0.00	---	0.00
6	---	---	---	---	---	---	0.00	1.1	---	---	---	---
7	---	---	---	---	---	---	0.00	1.1	---	---	---	---
8	---	---	---	---	---	---	0.00	1.1	---	---	---	---
9	---	---	---	---	---	---	0.00	1.2	---	---	---	---
10	---	---	---	---	---	---	0.00	1.2	---	---	---	---
11	---	---	---	---	---	---	0.00	1.2	0.00	---	---	---
12	---	---	---	---	---	---	0.00	1.2	0.00	---	---	---
13	---	---	---	---	---	---	0.00	1.1	---	---	---	---
14	---	---	---	---	---	---	0.86	1.1	---	---	---	---
15	---	---	---	---	---	---	1.0	1.0	---	---	---	---
16	---	---	---	---	---	---	0.72	0.99	---	---	---	---
17	---	---	---	---	---	---	0.93	0.99	---	---	---	---
18	---	---	---	---	---	---	0.87	0.99	---	---	---	---
19	---	---	---	---	---	---	0.49	1.0	---	---	0.00	---
20	---	---	---	---	---	---	0.44	1.0	---	---	0.00	---
21	---	---	---	---	---	---	0.56	0.92	---	---	0.00	---
22	---	---	---	---	---	---	0.50	0.66	---	---	0.00	---
23	---	---	---	---	---	---	0.46	0.55	---	---	0.00	---
24	---	---	---	---	---	---	0.46	0.47	---	---	0.00	---
25	---	---	---	---	---	---	0.43	0.39	---	---	0.00	---
26	---	---	---	---	---	---	0.49	0.30	---	---	0.00	---
27	---	---	---	---	---	---	0.76	0.26	---	---	0.00	---
28	---	---	---	---	---	---	1.1	0.22	---	---	0.00	---
29	---	---	---	---	---	---	1.2	0.17	---	---	0.00	---
30	---	---	---	---	---	---	1.3	0.17	---	---	0.00	---
31	---	---	---	---	---	---	---	0.14	---	---	0.00	---
TOTAL	0	0	0	0	0	0	12.57	26.52	0.22	0	0	0
MEAN	---	---	---	---	---	---	0.49	0.86	0.045	0.000	0.000	0.000
MAX	---	---	---	---	---	---	1.3	1.3	0.11	0.00	0.00	0.00
MIN	---	---	---	---	---	---	0.00	0.14	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	25	53	0.4	0.00	0.00	0.00
CAL YEAR 2005	MAX	2.0	MIN	0.000	AC-FT	177						
WTR YEAR 2006	MAX	1.3	MIN	0.000	AC-FT	78						

NORTH PLATTE RIVER BASIN

LAST CHANCE CANAL from Pumpkin Creek, 00080000

LOCATION.--SE1/4NW1/4 Sec. 27-19-50 W. near Bridgeport

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1921 - 1922, 1931 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	1.8	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.00	2.2	0.00	0.00	0.00
3	---	---	---	---	---	---	---	0.00	1.5	0.00	0.00	0.00
4	---	---	---	---	---	---	---	0.00	0.59	0.00	0.00	0.00
5	---	---	---	---	---	---	---	0.00	0.44	0.00	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.72	0.00	0.00	0.00
7	---	---	---	---	---	---	---	0.00	0.91	0.00	0.00	0.00
8	---	---	---	---	---	---	---	0.00	0.29	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.09	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.15	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.72	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	2.0	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	1.6	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	1.5	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.72	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.20	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	1.3	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	1.2	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	1.4	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	1.5	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	1.6	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	1.8	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	1.6	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	1.4	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	1.4	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	1.8	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	1.7	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	16.7	15.43	0	0	0
MEAN	---	---	---	---	---	---	0.000	0.54	0.51	0.000	0.000	0.000
MAX	---	---	---	---	---	---	0.00	1.8	2.2	0.00	0.00	0.00
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33	31	0.00	0.00	0.00
CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00						
WTR YEAR 2006	MAX	2.2	MIN	0.000	AC-FT	64						

NORTH PLATTE RIVER BASIN

TRINNIER CANAL from Greenwood Creek, 00144200

LOCATION.--SE1/4NE1/4 Sec. 28-18-50 W. near Bridgeport

GAGE.--Continuous stage recorder and 3 ft. Cipolletti weir

PERIOD OF RECORD.--1998 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.4	1.1	---	---	---	---	---	---	---	---	---	---
2	1.3	1.1	---	---	---	---	---	---	---	---	---	---
3	1.4	1.1	---	---	---	---	---	---	---	---	---	---
4	1.5	1.1	---	---	---	---	---	---	---	---	---	---
5	1.6	1.2	---	---	---	---	---	---	---	---	---	---
6	1.6	1.2	---	---	---	---	---	---	---	---	---	---
7	1.5	1.1	---	---	---	---	---	---	---	---	---	---
8	1.4	1.1	---	---	---	---	---	---	---	---	---	---
9	1.4	1.2	---	---	---	---	---	---	---	---	---	---
10	1.7	1.0	---	---	---	---	---	---	---	---	---	---
11	1.6	0.93	---	---	---	---	---	---	---	---	---	---
12	1.5	0.99	---	---	---	---	---	---	---	---	---	---
13	1.4	1.2	---	---	---	---	---	---	---	---	---	---
14	1.3	1.2	---	---	---	---	---	---	---	---	---	---
15	1.3	1.4	---	---	---	---	---	---	---	---	---	---
16	1.2	1.2	---	---	---	---	---	---	---	---	---	---
17	1.2	1.2	---	---	---	---	---	---	---	---	---	---
18	1.2	1.2	---	---	---	---	---	---	---	---	---	---
19	1.4	1.1	---	---	---	---	---	---	---	---	---	---
20	1.3	1.1	---	---	---	---	---	---	---	---	---	---
21	1.3	1.1	---	---	---	---	---	---	---	---	---	---
22	1.4	1.1	---	---	---	---	---	---	---	---	---	---
23	1.6	1.1	---	---	---	---	---	---	---	---	---	---
24	1.5	1.1	---	---	---	---	---	---	---	---	---	---
25	1.4	1.1	---	---	---	---	---	---	---	---	---	---
26	1.4	1.1	---	---	---	---	---	---	---	---	---	---
27	1.3	1.2	---	---	---	---	---	---	---	---	---	---
28	1.1	1.4	---	---	---	---	---	---	---	---	---	---
29	1.1	6.6	---	---	---	---	---	---	---	---	---	---
30	1.2	---	---	---	---	---	---	---	---	---	---	---
31	1.2	---	---	---	---	---	---	---	---	---	---	---
TOTAL	42.7	38.52	0	0	0	0	0	0	0	0	0	0
MEAN	1.4	1.3	---	---	---	---	---	---	---	---	---	---
MAX	1.7	6.6	---	---	---	---	---	---	---	---	---	---
MIN	1.1	0.93	---	---	---	---	---	---	---	---	---	---
AC-FT	85	76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2005	MAX	6.6	MIN	0.000	AC-FT	466						
WTR YEAR 2006	MAX	6.6	MIN	0.93	AC-FT	161						

NELSON CANAL from Greenwood Creek, 00105500

LOCATION.--SE1/4SE1/4 Sec. 33-18-50 W. near Bridgeport

GAGE.--Continuous stage recorder and 4 ft. Cipolletti weir

PERIOD OF RECORD.--1998 - present

DISCHARGE (CFS), WATER YEAR 2006

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	4.5	MIN	0.000	AC-FT	491
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NORTH PLATTE RIVER BASIN

MEREDITH-AMMER CANAL from Pumpkin Creek, 00088000

LOCATION.--NE1/4NE1/4 Sec. 23-19-50 W. near Bridgeport

GAGE.--Continuous stage recorder and 2.5 ft. Parshall flume

PERIOD OF RECORD.--1931 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
2	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
3	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
4	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
5	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
6	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
7	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
8	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
11	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
12	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
13	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
14	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
15	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
16	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
17	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
18	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
19	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00
20	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
21	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
22	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
27	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
28	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
29	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
30	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
31	---	---	---	---	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	---	---	---	---	---	---	0.000	0.000	0.000	0.000	0.000	0.000
MAX	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2005	MAX	4.3	MIN	0.000	AC-FT	121						
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00						

NORTH PLATTE RIVER BASIN

PUMPKIN CREEK near Bridgeport, 06685000

LOCATION.--SE1/4SW1/4 Sec. 12-19-50 W., Morrill County, Lat. 41° 37' 38", Long. 103° 02' 10", on right bank 250 feet downstream from bridge on U.S. Highway 385 and State Highway 92, 0.5 mile upstream from mouth, and 4 miles southeast of Bridgeport.

DRAINAGE AREA.--Approximately 1,020 square miles.

GAGE.--Continuous stage recorder. Gage datum is 3,635.99 feet above sea level.

PERIOD OF RECORD.--Feb. 1931 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 7,880 cubic feet per second June 9, 1965, gage height 9.98 feet, present datum; no flow many years since 1975.

EXTREMES FOR CURRENT YEAR.--Peak discharge 32 cubic feet per second April 7, gage height 2.28 feet; no flow many days October - January, May - September.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00e	0.00e	4.0	5.4	4.1	5.1	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00e	0.00e	3.8	4.4	3.8	4.5	0.00	0.00	0.00	2.1
3	0.00	0.00	0.00e	0.00e	3.9	4.3	4.5	4.2	0.00	0.00	0.00	12
4	0.00	0.00	0.00e	8.0	4.1	3.9	4.4	5.0	0.00	0.00	0.00	11
5	0.00	0.00	0.00e	4.3	4.4	3.4	8.6	6.6	0.00	0.00	0.00	4.0
6	0.00	0.00	0.00e	3.6	6.1	3.0	27	6.2	0.00	9.4	0.00	0.48
7	0.00	0.00	0.00e	3.3	3.9	2.8	30	6.0	0.00	18	0.00	0.24
8	0.00	0.00	0.00e	3.5	4.1	3.5	23	6.3	0.00	19	0.00	0.12
9	0.05	0.00	0.00e	2.6	4.0	4.2	22	7.0	0.00	19	0.00	3.1
10	0.08	0.00	0.00e	2.1	3.1	3.2	16	5.8	0.00	0.00	0.00	11
11	0.35	0.00	0.00e	2.3	3.0e	2.5	22	6.5	0.00	0.00	0.00	5.4
12	0.97	0.00	0.00e	1.5	3.0e	1.6	26	6.8	0.00	0.00	0.00	0.48
13	0.32	0.00e	0.00e	1.1	3.0e	1.9	20	5.9	0.00	0.00	0.00	5.2
14	22	0.00e	0.00e	1.2	3.0e	2.0e	16	4.2	0.00	0.00	0.00	4.4
15	11	0.00e	0.00e	0.96	3.0e	2.0e	16	3.3	0.00	0.00	0.00	8.2
16	0.00	0.00e	0.00e	0.52	3.0e	2.0e	12	2.2	0.00	0.00	0.00	9.5
17	0.00	0.00e	0.00e	0.49	3.0e	2.0e	9.4	1.9	0.00	0.00	0.00	5.2
18	0.00	0.00e	0.00e	1.5	4.0e	2.0e	8.5	1.7	0.00	0.00	0.00	7.7
19	0.00	0.00e	0.00e	1.4	4.0e	2.0e	12	1.2	0.00	0.00	0.00	9.6
20	0.00	0.00e	0.00e	3.4	4.0e	3.0e	15	0.78	0.00	0.00	0.00	10
21	0.00	0.00e	0.00e	3.8	4.0e	7.0e	21	0.31	0.00	0.00	0.00	7.2
22	0.00	0.00e	0.00e	4.2	4.0e	6.0e	18	0.16	0.00	0.00	0.00	10.0
23	0.00	0.00e	0.00e	4.7	4.0e	5.0e	17	0.09	0.00	0.00	0.00	17
24	0.00	0.00e	0.00e	5.3	5.0e	4.0e	20	0.01	0.00	0.00	0.00	26
25	0.00	0.00e	0.00e	4.4	5.0e	4.0e	28	0.00	0.00	0.00	0.00	11
26	0.00	0.00e	0.00e	4.5	5.0e	4.0e	18	0.00	0.00	0.00	0.00	8.5
27	0.00	0.00e	0.00e	3.8	6.0e	4.7	5.1	0.00	0.00	0.00	0.00	9.7
28	0.00	0.00e	0.00e	3.6	6.3	4.9	4.9	0.00	0.00	0.00	0.00	12
29	0.00	0.00e	0.00e	3.6	---	5.1	4.8	0.00	0.00	0.00	0.00	21
30	0.00	0.00e	0.00e	4.0	---	4.3	5.3	0.00	0.00	0.00	0.00	16
31	0.00	---	0.00e	3.8	---	4.2	---	0.00	---	0.00	0.00	---
TOTAL	34.77	0	0	87.47	113.7	112.3	442.4	91.75	0	65.4	0	248.12
MEAN	1.1	0.000	0.000	2.8	4.1	3.6	14.8	3.0	0.000	2.1	0.000	8.2
MAX	22	0.00	0.00	8.0	6.3	7.0	30	7.0	0.00	19	0.00	26
MIN	0.00	0.00	0.00	0.00	3.0	1.6	3.8	0.00	0.00	0.00	0.00	0.00
AC-FT	69	0.00	0.00	173	226	223	877	182	0.00	130	0.00	492
CAL YEAR 2005	TOTAL		3959	MEAN	10.8	MAX	52.0	MIN	0.000	AC-FT	7852	
WTR YEAR 2006	TOTAL		1196	MEAN	3.3	MAX	30.0	MIN	0.000	AC-FT	2372	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

BEERLINE CANAL from North Platte River, 00007000

LOCATION.--SE1/4NE1/4 Sec. 24-19-49 W. near Broadwater

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1919 - 1922, 1924 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	10	---	---	---	---	---	---	0.00	6.2	3.5	6.5	4.8
2	10	---	---	---	---	---	---	0.00	6.1	3.1	6.5	4.8
3	10	---	---	---	---	---	---	0.00	6.1	3.0	6.5	4.7
4	10	---	---	---	---	---	---	0.00	6.0	2.8	5.8	4.6
5	11	---	---	---	---	---	---	0.00	6.1	2.5	5.0	4.5
6	11	---	---	---	---	---	---	0.00	6.1	2.5	4.4	4.0
7	11	---	---	---	---	---	0.00	0.00	6.1	2.1	3.7	3.9
8	11	---	---	---	---	---	0.00	0.00	5.9	2.1	3.0	3.8
9	11	---	---	---	---	---	0.00	0.00	5.8	4.3	2.6	3.8
10	11	---	---	---	---	---	0.00	0.00	5.8	4.7	2.0	3.9
11	12	---	---	---	---	---	0.00	0.00	5.8	4.3	2.0	4.0
12	12	---	---	---	---	---	0.00	0.00	5.7	4.6	2.3	3.7
13	12	---	---	---	---	---	0.00	0.00	8.7	5.0	3.5	3.3
14	12	---	---	---	---	---	0.00	0.00	12	5.2	3.7	3.0
15	12	---	---	---	---	---	0.00	0.00	10	5.6	3.6	2.9
16	12	---	---	---	---	---	0.00	0.38	9.4	5.8	3.6	3.1
17	12	---	---	---	---	---	0.00	0.18	13	5.6	3.1	3.1
18	12	---	---	---	---	---	0.00	4.2	7.5	5.4	2.8	3.2
19	11	---	---	---	---	---	0.00	7.1	6.7	5.6	3.0	5.1
20	11	---	---	---	---	---	0.00	6.4	15	6.3	3.2	7.1
21	11	---	---	---	---	---	0.00	6.3	15	6.7	3.1	7.1
22	11	---	---	---	---	---	0.00	6.2	15	6.4	2.9	6.9
23	11	---	---	---	---	---	0.00	2.0	17	6.2	2.5	7.7
24	6.2	---	---	---	---	---	0.00	5.5	16	5.9	2.3	8.6
25	1.6	---	---	---	---	---	0.00	6.0	8.2	5.5	1.9	9.0
26	1.9	---	---	---	---	---	0.00	6.5	7.2	5.1	2.0	9.0
27	---	---	---	---	---	---	0.00	6.5	6.2	4.6	3.2	8.9
28	---	---	---	---	---	---	0.00	6.5	5.6	3.7	4.5	8.9
29	---	---	---	---	---	---	0.00	6.3	4.7	3.7	4.9	9.3
30	---	---	---	---	---	---	0.00	6.2	4.0	4.2	5.1	9.3
31	---	---	---	---	---	---	---	6.1	---	4.6	5.1	---
TOTAL	266.7	0	0	0	0	0	0	82.36	252.9	140.6	114.3	166
MEAN	10.3	---	---	---	---	---	0.000	2.7	8.4	4.5	3.7	5.5
MAX	12	---	---	---	---	---	0.00	7.1	17	6.7	6.5	9.3
MIN	1.6	---	---	---	---	---	0.00	0.00	4.0	2.1	1.9	2.9
AC-FT	529	0.00	0.00	0.00	0.00	0.00	0.00	163	502	279	227	329
CAL YEAR 2005	MAX		12.0	MIN	0.000	AC-FT	1983					
WTR YEAR 2006	MAX		17.0	MIN	0.000	AC-FT	2029					

NORTH PLATTE RIVER BASIN

LISCO CANAL from North Platte River, 00082000

LOCATION.--NW1/4NW1/4 Sec. 24-18-47 W. near Lisco

GAGE.--Continuous stage recorder and weir

PERIOD OF RECORD.--1918 - 1927, 1929 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	24	---	---	---	---	---	---	0.00	0.00	17	0.00e	17
2	22	---	---	---	---	---	---	0.00	0.00	20	0.00e	19
3	20	---	---	---	---	---	---	0.00	4.2	23	0.00e	19
4	18	---	---	---	---	---	---	0.00	20	19	0.00e	19
5	24	---	---	---	---	---	---	0.00	33	16	0.00e	17
6	25	---	---	---	---	---	---	0.00	42	17	0.00e	16
7	25	---	---	---	---	---	---	0.00	15	14	6.8	14
8	22	---	---	---	---	---	---	0.00	14	16	12	16
9	19	---	---	---	---	---	---	0.00	16	13	15	20
10	17	---	---	---	---	---	0.00	0.00	16	14	17	20
11	6.8	---	---	---	---	---	0.00	0.00	13	15	16	16
12	0.00e	---	---	---	---	---	0.00	0.00	15	14	0.00e	13
13	0.00e	---	---	---	---	---	0.00	0.00	18	14	0.00e	12
14	0.00e	---	---	---	---	---	0.00	0.00	14	13	0.00	14
15	0.00e	---	---	---	---	---	0.00	0.00	21	14	5.6	20
16	0.00e	---	---	---	---	---	0.00	0.00	21	14	15	22
17	0.00e	---	---	---	---	---	0.00	0.00	16	13	18	17
18	0.00e	---	---	---	---	---	0.00	0.00	19	6.9	25	19
19	---	---	---	---	---	---	0.00	0.00	17	0.00e	28	20
20	---	---	---	---	---	---	0.00	0.00	17	0.00e	30	19
21	---	---	---	---	---	---	0.00	0.00	15	0.00e	30	17
22	---	---	---	---	---	---	0.00	0.00	15	0.00e	30	15
23	---	---	---	---	---	---	0.00	0.00	16	0.00e	20	11
24	---	---	---	---	---	---	0.00	0.00	31	0.00e	13	13
25	---	---	---	---	---	---	0.00	0.00	18	0.00e	12	18
26	---	---	---	---	---	---	0.00	0.00	12	0.00e	13	18
27	---	---	---	---	---	---	0.00	0.00	13	6.3	16	16
28	---	---	---	---	---	---	0.00	0.00	15	8.9	19	16
29	---	---	---	---	---	---	0.00	0.00	19	0.00e	9.9	16
30	---	---	---	---	---	---	0.00	0.00	17	0.00e	20	13
31	---	---	---	---	---	---	---	0.00	---	0.00e	20	---
TOTAL	222.8	0	0	0	0	0	0	0	502.2	288.1	391.3	502
MEAN	12.3	---	---	---	---	---	0.000	0.000	16.8	9.3	12.6	16.8
MAX	25	---	---	---	---	---	0.00	0.00	42	23	30	22
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	11
AC-FT	442	0.00	0.00	0.00	0.00	0.00	0.00	0.00	996	571	776	996

CAL YEAR 2005 MAX 40.0 MIN 0.000 AC-FT 5045
WTR YEAR 2006 MAX 42.0 MIN 0.000 AC-FT 3781

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Lisco, 06686000

LOCATION.--SW1/4NE1/4 Sec. 33-18-46 W., Garden County, Lat. 41° 29' 24", Long. 102° 37' 29", on left bank 40 feet downstream of highway bridge, and 0.5 mile south of Lisco.

DRAINAGE AREA.--Approximately 26,700 square miles.

GAGE.--Continuous stage recorder. Gage datum 3,475.5 feet above sea level.

PERIOD OF RECORD.--May to September 1916, June to October 1917, September 1931 - present. Monthly discharge only some periods, published in WSP 1310.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 20,100 cubic feet per second June 27, 29 1917 from rating extended above 15.0 ft. Minimum daily discharge 8 cubic feet per second August 4, 1934.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,220 cubic feet per second October 12, gage height 1.71 feet; minimum daily discharge 114 cubic feet per second July 19.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	599	827	770e	764	730	694	773	506	276	204	180	725
2	606	827	770e	752	713	664	743	462	296	176	329	684
3	565	810	770e	707	697	662	687	397	256	167	330	691
4	538	800	770e	672	699	660	679	338	210	160	340	706
5	572	800	770e	670	723	671	685	371	268	151	301	716
6	633e	780	770e	677	721	678	680	385	214	144	279	668
7	695e	771	770e	696	703	683	740	399	197	162	247	636
8	756	782	770e	750	685	687	706	387	186	151	237	628
9	751	781	770e	733	660	693	699	414	167	147	216	688
10	959	808	770e	715	594	646	700	610	133	142	173	725
11	1080	823	770e	718	661	641	667	769	134	136	141	737
12	1140	869	770e	707	595	657	660	849	172	126	151	679
13	1080	807	770e	684	609	664	671	845	268	127	173	594
14	988	783	770e	701	586	665	660	726	576	122	237	570
15	939	785	770e	712	573	672	653	634	443	123	246	556
16	957	804	770e	691	672	655	628	547	318	129	240	642
17	950	743	770e	667	448	636	613	480	272	123	250	567
18	923	756	770e	669	434	646	583	408	219	118	210	548
19	870	760	770e	673	577	684	575	330	191	114	203	547
20	913	764	770e	656	568	732	585	282	158	137	228	515
21	945	761	770e	651	691	815	603	245	136	289	245	511
22	918	757	770e	621	828	709	618	225	139	388	249	509
23	868	750	770e	683	887	670	610	225	133	399	211	506
24	865	747	770e	726	904	650	595	206	346	370	228	503
25	876	757	770e	730	1000	653	584	189	562	345	212	508
26	842	771	770e	747	734	708	610	208	612	291	198	523
27	851	771	770e	748	693	806	595	231	516	308	272	517
28	845	720	770e	754	696	799	562	233	392	210	454	508
29	852	695	770	760	---	807	519	236	312	145	688	512
30	839	738	728	738	---	809	511	245	249	135	762	532
31	834	---	721	743	---	782	---	250	---	134	793	---
TOTAL	26049	23347	23779	21915	19081	21598	19194	12632	8351	5873	9023	17951
MEAN	840.0	778.2	767.1	706.9	681.5	696.7	639.8	407.4	278.3	189.5	291.0	598.3
MAX	1140	869	770	764	1000	815	773	849	612	399	793	737
MIN	538	695	721	621	434	636	511	189	133	114	141	503
AC-FT	51670	46310	47160	43470	37850	42840	38070	25060	16560	11650	17900	35610
CAL YEAR 2005	TOTAL		224055	MEAN	613.8	MAX	1170	MIN	107.0	AC-FT	444400	
WTR YEAR 2006	TOTAL		208793	MEAN	572.0	MAX	1140	MIN	114.0	AC-FT	414100	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

MIDLAND-OVERLAND CANAL from North Platte River, 00098000

LOCATION.--NE1/4SE1/4 Sec. 2-16-44 W. near Oshkosh

GAGE.--Continuous stage recorder and 3 ft. Parshall flume

PERIOD OF RECORD.--1924 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	3.9	0.39	0.01	7.3
2	---	---	---	---	---	---	---	0.00	1.5	0.10	1.9	7.3
3	---	---	---	---	---	---	---	0.00	1.7	0.00	1.6	7.3
4	---	---	---	---	---	---	---	0.00	1.8	0.09	1.7	7.3
5	---	---	---	---	---	---	---	0.00	2.3	0.00	1.8	7.3
6	---	---	---	---	---	---	---	0.00	2.3	0.00	1.6	7.3
7	---	---	---	---	---	---	---	0.00	2.0	0.00	1.5	7.3
8	---	---	---	---	---	---	---	0.00	1.4	0.00	1.3	5.5
9	---	---	---	---	---	---	---	0.00	2.2	0.00	1.00	4.0
10	---	---	---	---	---	---	---	0.00	2.0	0.00	6.1	3.8
11	---	---	---	---	---	---	---	0.00	1.9	0.00	7.6	3.7
12	---	---	---	---	---	---	---	0.00	1.6	2.3	0.39	3.7
13	---	---	---	---	---	---	---	0.00	1.9	6.8	0.90	3.6
14	---	---	---	---	---	---	---	0.00	2.1	5.2	1.1	3.5
15	---	---	---	---	---	---	---	0.00	4.8	2.8	1.1	3.4
16	---	---	---	---	---	---	---	0.00	7.1	0.01	1.1	3.4
17	---	---	---	---	---	---	---	0.00	6.8	0.01	1.1	3.4
18	---	---	---	---	---	---	---	0.00	6.8	0.00	0.94	4.6
19	---	---	---	---	---	---	0.00	0.00	5.7	0.00	0.74	5.4
20	---	---	---	---	---	---	0.00	0.00	0.37	0.00	0.62	5.3
21	---	---	---	---	---	---	0.00	0.00	0.02	0.88	0.62	5.1
22	---	---	---	---	---	---	0.00	0.00	0.02	1.8	0.72	5.3
23	---	---	---	---	---	---	0.00	0.00	0.00	1.5	0.81	5.2
24	---	---	---	---	---	---	0.00	0.60	0.24	1.5	0.77	1.9
25	---	---	---	---	---	---	0.00	11	0.47	1.5	0.80	0.00
26	---	---	---	---	---	---	0.00	19	0.65	1.5	0.89	0.00
27	---	---	---	---	---	---	0.00	17	0.61	1.4	1.2	0.00
28	---	---	---	---	---	---	0.00	11	0.62	1.0	1.2	0.00
29	---	---	---	---	---	---	0.00	11	0.69	0.68	3.1	0.00
30	---	---	---	---	---	---	0.00	12	0.56	0.26	7.0	0.00
31	---	---	---	---	---	---	---	11	---	0.01	7.2	---
TOTAL	0	0	0	0	0	0	0	92.6	64.05	29.73	58.41	121.9
MEAN	---	---	---	---	---	---	0.000	3.0	2.1	0.96	1.9	4.1
MAX	---	---	---	---	---	---	0.00	19	7.1	6.8	7.6	7.3
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.01	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	184	127	59	116	242
CAL YEAR 2005	MAX	15.0	MIN	0.000	AC-FT	752						
WTR YEAR 2006	MAX	19.0	MIN	0.000	AC-FT	727						

NORTH PLATTE RIVER BASIN

PAISLEY CANAL from Blue Creek, 00120000

LOCATION.--SE1/4NW1/4 Sec. 6-16-42 W. near Lewellen

GAGE.--Continuous stage recorder and 4 ft. Parshall flume with modified rating

PERIOD OF RECORD.--1917 - 1919, 1921, 1923, 1925 - 1927, 1931 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.8	---	---	---	---	---	---	0.00	6.4	0.00	0.00	11
2	6.8	---	---	---	---	---	---	0.00	6.7	0.00	0.00	15
3	6.7	---	---	---	---	---	---	0.00	2.4	0.00	0.00	15
4	6.5	---	---	---	---	---	---	0.00	0.12	0.00	0.00	15
5	3.9	---	---	---	---	---	---	0.00	0.24	0.00	0.00	15
6	0.00	---	---	---	---	---	---	0.00	0.02	0.00	0.00	15
7	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	15
8	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	15
9	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	15
10	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	16
11	---	---	---	---	---	---	---	0.00	0.17	0.00	0.00	16
12	---	---	---	---	---	---	---	0.00	0.26	0.00	0.00	16
13	---	---	---	---	---	---	---	0.00	0.22	0.00	0.00	16
14	---	---	---	---	---	---	---	0.00	2.7	0.00	0.00	17
15	---	---	---	---	---	---	---	0.00	5.9	0.00	0.00	17
16	---	---	---	---	---	---	---	0.00	10	0.00	0.00	17
17	---	---	---	---	---	---	---	0.00	9.6	0.00	0.00	17
18	---	---	---	---	---	---	---	0.00	2.2	0.00	0.00	18
19	---	---	---	---	---	---	---	0.00	0.07	0.00	0.00	17
20	---	---	---	---	---	---	---	0.00	0.00	0.00	0.00	17
21	---	---	---	---	---	---	0.00	1.1	6.2	0.00	0.00	18
22	---	---	---	---	---	---	0.00	6.6	10	0.00	0.00	16
23	---	---	---	---	---	---	0.00	7.7	7.3	0.00	0.00	11
24	---	---	---	---	---	---	0.00	5.3	0.21	0.00	0.00	11
25	---	---	---	---	---	---	0.00	4.1	0.22	0.00	0.00	11
26	---	---	---	---	---	---	0.00	7.7	5.8	0.00	0.00	11
27	---	---	---	---	---	---	0.00	7.5	8.7	0.00	0.00	10
28	---	---	---	---	---	---	0.00	8.7	8.2	0.00	0.00	11
29	---	---	---	---	---	---	0.00	9.2	5.5	0.00	0.00	11
30	---	---	---	---	---	---	0.00	9.3	0.00	0.00	0.00	9.9
31	---	---	---	---	---	---	---	7.7	---	0.00	0.00	---
TOTAL	30.7	0	0	0	0	0	0	74.9	99.13	0	0	434.9
MEAN	5.1	---	---	---	---	---	0.000	2.4	3.3	0.000	0.000	14.4
MAX	6.8	---	---	---	---	---	0.00	9.3	10	0.00	0.00	18
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	9.9
AC-FT	61	0.00	0.00	0.00	0.00	0.00	0.00	149	197	0.00	0.00	863
CAL YEAR 2005	MAX	14.0	MIN	0.000	AC-FT	1112						
WTR YEAR 2006	MAX	18.0	MIN	0.000	AC-FT	1269						

NORTH PLATTE RIVER BASIN

BLUE CREEK & HOOPER CANAL from Blue Creek, 00017200

LOCATION.--SW1/4NE1/4 Sec. 6-16-42 W. near Lewellen

GAGE.--Continuous stage recorder and 8 ft. Parshall Flume with modified rating

PERIOD OF RECORD.--1917 - 1919, 1921 - present

REMARKS.--Total diversion from Blue Creek for both Blue Creek Canal and Hooper Canal. Diversion at this site before 1996 was for Blue Creek Canal only. Starting in 1996 Blue Creek Canal also started diverting water for the Hooper Canal. Hooper Canal has a separate measuring device. Deliveries to Hooper Canal shown separately in this report. Starting in 2003, the Blue Creek Canal also delivers water to lands formerly served by the Graf Canal. There is no longer a Graf Canal diversion.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	23	---	---	---	---	---	---	0.00	15	45	0.05	35
2	20	---	---	---	---	---	---	0.00	0.06	42	0.08	34
3	17	---	---	---	---	---	---	0.00	0.00	36	0.10	34
4	---	---	---	---	---	---	---	5.2	20	36	0.13	34
5	---	---	---	---	---	---	---	9.3	38	37	0.16	34
6	---	---	---	---	---	---	---	11	35	40	7.4	33
7	---	---	---	---	---	---	---	7.5	29	44	21	33
8	---	---	---	---	---	---	---	5.9	28	44	42	28
9	---	---	---	---	---	---	---	6.7	28	44	45	24
10	---	---	---	---	---	---	---	8.0	28	37	49	26
11	---	---	---	---	---	---	---	12	31	35	32	26
12	---	---	---	---	---	---	---	18	32	39	0.00	25
13	---	---	---	---	---	---	---	22	35	37	0.00	24
14	---	---	---	---	---	---	---	29	35	35	0.00	24
15	---	---	---	---	---	---	---	41	33	41	47	23
16	---	---	---	---	---	---	---	43	35	45	61	24
17	---	---	---	---	---	---	---	43	32	45	43	24
18	---	---	---	---	---	---	---	48	31	27	43	24
19	---	---	---	---	---	---	---	51	30	0.00	44	23
20	---	---	---	---	---	---	---	54	27	0.00	44	22
21	---	---	---	---	---	---	---	52	9.6	0.00	44	19
22	---	---	---	---	---	---	---	51	5.4	0.00	44	20
23	---	---	---	---	---	---	---	48	15	0.00	43	20
24	---	---	---	---	---	---	---	33	25	0.00	43	19
25	---	---	---	---	---	---	---	25	25	0.00	43	19
26	---	---	---	---	---	---	---	17	24	6.8	44	18
27	---	---	---	---	---	---	---	18	26	11	46	19
28	---	---	---	---	---	---	---	19	37	6.1	48	19
29	---	---	---	---	---	---	---	19	43	0.01	48	19
30	---	---	---	---	---	---	---	19	47	0.02	47	19
31	---	---	---	---	---	---	---	19	---	0.03	42	---
TOTAL	60	0	0	0	0	0	0	734.6	799.06	732.96	970.92	745
MEAN	20.1	---	---	---	---	---	---	23.7	26.6	23.7	31.4	24.7
MAX	23	---	---	---	---	---	---	54	47	45	61	35
MIN	17	---	---	---	---	---	---	0.00	0.00	0.00	0.00	18
AC-FT	119	0.00	0.00	0.00	0.00	0.00	0.00	1457	1585	1454	1926	1478
CAL YEAR 2005	MAX	54.0	MIN	0.000	AC-FT	7695						
WTR YEAR 2006	MAX	61.0	MIN	0.000	AC-FT	8018						

NORTH PLATTE RIVER BASIN

HOOPER CANAL from Blue Creek via Blue Creek Canal, 00067000

LOCATION.--SE1/4NE1/4 Sec. 7-16-42 W. near Lewellen

GAGE.--Continuous stage recorder and 4 ft. rectangular weir

PERIOD OF RECORD.--1917 - 1919, 1921 - 1923, 1925 - 1927, 1931 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.2	---	---	---	---	---	---	0.00	0.00	3.0	---	3.5
2	0.90	---	---	---	---	---	---	0.00	0.00	3.1	---	3.5
3	0.00	---	---	---	---	---	---	0.00	0.00	6.7	---	3.5
4	---	---	---	---	---	---	---	3.0	4.9	9.5	---	4.9
5	---	---	---	---	---	---	---	6.4	6.8	9.4	---	5.7
6	---	---	---	---	---	---	---	8.0	4.7	9.7	7.8	4.9
7	---	---	---	---	---	---	---	5.7	0.85	10	8.5	4.5
8	---	---	---	---	---	---	---	4.9	0.00	10	9.1	1.4
9	---	---	---	---	---	---	---	4.0	0.00	10	6.2	0.00
10	---	---	---	---	---	---	---	3.5	0.00	9.1	6.1	0.00
11	---	---	---	---	---	---	---	2.7	0.00	6.4	3.7	0.00
12	---	---	---	---	---	---	---	3.9	0.00	6.9	---	0.00
13	---	---	---	---	---	---	0.00	4.1	1.9	5.6	---	0.00
14	---	---	---	---	---	---	0.00	4.2	3.3	6.1	---	0.00
15	---	---	---	---	---	---	0.00	6.6	5.4	6.3	3.0	0.00
16	---	---	---	---	---	---	0.00	6.0	5.7	8.3	3.6	0.00
17	---	---	---	---	---	---	0.00	6.0	6.3	9.0	4.2	0.00
18	---	---	---	---	---	---	0.00	7.2	5.1	6.6	4.2	0.00
19	---	---	---	---	---	---	0.00	8.5	3.1	0.00	6.0	0.00
20	---	---	---	---	---	---	0.00	7.5	0.00	0.00	7.1	0.00
21	---	---	---	---	---	---	0.00	5.0	0.00	0.00	9.0	0.00
22	---	---	---	---	---	---	0.00	2.2	0.00	0.00	9.7	0.00
23	---	---	---	---	---	---	0.00	0.00	0.00	0.00	9.5	0.00
24	---	---	---	---	---	---	0.00	0.00	0.00	0.00	9.0	0.00
25	---	---	---	---	---	---	0.00	0.00	0.00	0.00	9.0	0.00
26	---	---	---	---	---	---	0.00	0.00	0.00	3.2	6.6	0.00
27	---	---	---	---	---	---	0.00	3.0	0.00	8.4	4.8	0.00
28	---	---	---	---	---	---	0.00	4.7	0.00	6.9	4.1	0.00
29	---	---	---	---	---	---	0.00	5.1	1.1	0.10	4.2	0.00
30	---	---	---	---	---	---	0.00	4.5	2.6	---	4.1	0.00
31	---	---	---	---	---	---	---	3.1	---	---	4.0	---
TOTAL	3.1	0	0	0	0	0	0	119.8	51.75	154.3	143.5	31.9
MEAN	1.0	---	---	---	---	---	0.000	3.9	1.7	5.3	6.2	1.1
MAX	2.2	---	---	---	---	---	0.00	8.5	6.8	10	9.7	5.7
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	3.0	0.00
AC-FT	6.1	0.00	0.00	0.00	0.00	0.00	0.00	238	103	306	285	63
CAL YEAR 2005	MAX	12.0	MIN	0.000	AC-FT	1162						
WTR YEAR 2006	MAX	10.0	MIN	0.000	AC-FT	1000						

NORTH PLATTE RIVER BASIN

UNION CANAL from Blue Creek, 00146000

LOCATION.--NE1/4SW1/4 Sec. 18-16-42 W. near Lewellen

GAGE.--Continuous stage recorder and 3 ft. Parshall flume

PERIOD OF RECORD.--1917 - 1919, 1921 - 1927, 1930 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.5	---	---	---	---	---	---	0.00	14	7.0	0.00	16
2	8.7	---	---	---	---	---	---	0.00	14	7.4	0.00	12
3	8.9	---	---	---	---	---	---	0.00	6.5	11	8.7	9.6
4	12	---	---	---	---	---	---	0.00	7.7	8.0	18	8.8
5	14	---	---	---	---	---	---	0.00	3.7	11	18	2.5
6	14	---	---	---	---	---	---	0.00	7.6	7.9	18	3.3
7	10.0	---	---	---	---	---	---	0.00	5.9	3.8	15	8.5
8	10	---	---	---	---	---	---	0.00	5.4	5.8	16	0.00
9	11	---	---	---	---	---	---	0.00	5.5	3.0	18	0.00
10	4.6	---	---	---	---	---	---	0.00	5.3	2.0	17	0.00
11	0.00	---	---	---	---	---	---	7.9	3.8	3.2	15	0.00
12	0.00	---	---	---	---	---	---	11	2.5	6.6	11	0.00
13	0.00	---	---	---	---	---	---	11	2.4	11	17	0.00
14	0.00	---	---	---	---	---	---	11	4.5	14	16	0.00
15	0.00	---	---	---	---	---	---	10	7.3	13	13	0.00
16	0.00	---	---	---	---	---	---	9.1	4.9	13	15	0.00
17	0.00	---	---	---	---	---	---	8.9	4.0	15	14	0.00
18	0.00	---	---	---	---	---	---	6.9	4.7	16	13	0.00
19	---	---	---	---	---	---	0.00	9.9	1.4	16	15	0.00
20	---	---	---	---	---	---	0.00	13	1.8	8.6	15	0.00
21	---	---	---	---	---	---	0.00	14	6.2	0.00	12	0.00
22	---	---	---	---	---	---	0.00	12	2.1	0.00	13	0.00
23	---	---	---	---	---	---	0.00	12	4.0	0.00	15	0.00
24	---	---	---	---	---	---	0.00	15	0.00	0.00	14	0.00
25	---	---	---	---	---	---	0.00	13	0.00	12	15	0.00
26	---	---	---	---	---	---	0.00	11	0.00	16	15	0.00
27	---	---	---	---	---	---	0.00	11	0.27	16	17	0.00
28	---	---	---	---	---	---	0.00	11	4.1	14	17	0.00
29	---	---	---	---	---	---	0.00	12	3.7	14	15	0.00
30	---	---	---	---	---	---	0.00	11	5.0	12	16	0.00
31	---	---	---	---	---	---	---	11	---	8.2	20	---
TOTAL	101.7	0	0	0	0	0	0	231.7	138.27	275.5	441.7	60.7
MEAN	5.6	---	---	---	---	---	0.000	7.6	4.6	8.9	14.3	2.0
MAX	14	---	---	---	---	---	0.00	15	14	16	20	16
MIN	0.00	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	202	0.00	0.00	0.00	0.00	0.00	0.00	460	274	546	876	120
CAL YEAR 2005	MAX	16.0	MIN	0.000	AC-FT	1924						
WTR YEAR 2006	MAX	20.0	MIN	0.000	AC-FT	2478						

NORTH PLATTE RIVER BASIN

BLUE CREEK near Lewellen, 06687000

LOCATION.--NEL/4 Sec. 30-16-42 W., Garden County, Lat. 41° 20' 08", Long. 102° 10' 21", on left bank five feet downstream from county highway bridge, 0.5 mile downstream from bridge on U.S. Highway 26, 0.8 mile upstream from mouth, and 1.5 miles west of Lewellen.

DRAINAGE AREA.--1,120 square miles, of which approximately 80 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum 3,310.04 feet above sea level.

PERIOD OF RECORD.--Oct. 1930 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records good, except records below 5 cubic feet per second are fair and estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 720 cubic feet per second May 20, 1938, gage height 6.46 feet; maximum gage height 7.28 feet December 17, 1985, backwater from ice; no flow for short periods many years since 1940.

EXTREMES FOR CURRENT YEAR.--Peak discharge 110 cubic feet per second October 12, gage height 4.12 feet; maximum gage height 5.98 feet February 19 due to backwater from ice; minimum daily discharge 4.6 cubic feet per second May 23.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	41	87	92	87	88	93e	92	82	50	18	67	27
2	44	87	82	94	89e	91e	92	80	69	17	69	23
3	45	86	71	93	88e	89e	91	79	75	23	64	25
4	49	86	79	89	88e	89e	90	73	65	24	55	26
5	52	85	77	87	87e	89e	91	73	48	37	53	25
6	59	85	80e	86	87e	87e	91	72	43	42	49	25
7	69	85	80e	87	87e	88	100	76	44	30	44	30
8	71	85	80e	90	88e	90	101	75	46	32	21	32
9	72	83	80e	93	88e	96	95	76	42	27	14	40
10	93	83	80e	92	86e	93	92	77	36	28	5.8	42
11	108	84	85e	91	83e	91	91	66	44	36	7.5	41
12	105	88	85e	92	83e	92	89	53	48	26	52	41
13	97	89	90e	91	87e	90	89	46	45	28	62	38
14	90	87	91e	91	88e	90	89	41	35	29	58	36
15	88	84	81	92	87e	90	88	27	25	21	43	36
16	88	82	91e	93	86e	90	88	24	32	12	19	37
17	88	79	90e	91	87e	90	88	24	34	7.0	18	39
18	89	81	90e	90	98e	90	85	23	39	13	15	41
19	88	81	90e	95	95e	93	83	16	43	50	14	38
20	88	81	90e	93	95e	94	81	8.2	40	56	16	39
21	90	82	90e	91	95e	93	83	7.5	50	71	17	42
22	89	80	85e	91	95e	94	84	6.7	57	72	14	45
23	88	80	87e	89	94e	95	83	4.6	58	72	11	51
24	86	78	87	89	94e	96	85	20	59	71	10	50
25	87	77	86	90	94e	99	86	40	56	59	11	49
26	87	77	85	91	92e	99	89	46	49	48	13	48
27	87	76	86	92	92e	100	87	43	42	42	18	48
28	88	73	85	90	93e	101	85	36	24	46	26	47
29	88	63	85	90	---	98	83	37	18	53	28	47
30	88	75	85	89	---	95	83	49	16	52	26	47
31	87	---	85	88	---	94	---	47	---	56	25	---
TOTAL	2489	2449	2630	2807	2514	2879	2654	1428	1332	1198	945.3	1155
MEAN	80.3	81.6	84.9	90.6	89.8	92.8	88.4	46.2	44.4	38.6	30.4	38.5
MAX	108	89	92	95	98	101	101	82	75	72	69	51
MIN	41	63	71	86	83	87	81	4.6	16	7.0	5.8	23
AC-FT	4937	4858	5217	5568	4986	5710	5264	2832	2642	2376	1875	2291
CAL YEAR 2005	TOTAL		26343	MEAN	72.2	MAX	216.0	MIN	1.5	AC-FT	52250	
WTR YEAR 2006	TOTAL		24480	MEAN	67.1	MAX	108.0	MIN	4.6	AC-FT	48560	

e indicates estimated discharge.

NORTH PLATTE RIVER at Lewellen, 06687500

LOCATION.--SEL/4NW1/4 Sec. 34-16-42 W., Garden County, Lat. 41° 19' 01", Long. 102° 07' 32", on left bank 19 feet downstream from bridge on State Highway 26, one mile southeast of Lewellen and approximately 0.5 mile upstream from highwater line of Lake McConaughy.

DRAINAGE AREA.--28,600 square miles, approximately 25,400 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum 3285.88 feet above sea level.

PERIOD OF RECORD.--1931 irrigation season, 1940 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 13,500 cubic feet per second June 4, 1971, at different datum; minimum daily discharge 38 cubic feet per second June 24, 2002.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,180 cubic feet per second October 11, gage height 5.89 feet; maximum gage height 7.52 feet December 16 due to backwater from ice; minimum daily discharge 86 cubic feet per second July 17.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	595	993	882e	969e	799	851	780	591	245	319	141	657
2	602	977	891e	954e	777	817	782	567	263	259	165	667
3	601	959	886e	941e	793	794	764	525	261	223	286	676
4	596	982	882e	932e	804	779	766	497	233	204	292	688
5	617	988	796e	928	818	770	757	503	227	237	311	698
6	647	975	742e	895	832	764	741	523	219	201	314	710
7	711	958	671e	895	829	768	818	508	192	181	284	748
8	750	956	517e	917	816	778	792	508	194	254	227	746
9	774	929	553e	982	821	823	732	507	169	212	200	743
10	1010	903	685e	952	833	798	720	520	169	192	153	820
11	1170	890	773e	925	777	774	715	621	181	184	115	799
12	1100	910	871e	912	807	750	710	680	167	159	143	787
13	1090	944	941e	876	901	750	696	684	177	142	152	750
14	1060	962	964e	838	851	754	697	645	228	123	158	696
15	995	1000	983e	824	831	769	693	590	479	105	169	647
16	978	932	992e	830	826e	783e	677	530	557	89	152	665
17	965	875	983e	849	771e	796e	664	478	448	86	161	642
18	930	868	890e	848	706e	819e	660	433	350	90	163	578
19	920	850	860e	897	646e	842e	612	378	258	115	152	535
20	953	850	838e	890	589e	866e	588	322	215	122	143	531
21	971	869	859e	878	550e	890e	589	289	229	228	133	557
22	986	899	952e	874	579e	893e	597	251	237	286	132	582
23	970	914	989e	831	656e	794e	616	236	234	383	161	589
24	953	925	995e	811	752e	767	646	239	373	395	163	582
25	961	938	991e	802	813e	793	678	225	406	339	168	569
26	976	948	998e	803	926e	812	679	195	507	299	176	552
27	990	952	991e	807	999e	869	689	184	563	299	212	552
28	1000	946	998e	809	888e	893	668	185	521	256	335	567
29	1020	877	1010e	814	---	871	634	172	456	201	406	565
30	1020	881	945e	812	---	843	608	184	413	151	531	565
31	1010	---	978e	797	---	812	---	219	---	127	588	---
TOTAL	27921	27850	27306	27092	21990	25082	20768	12989	9171	6461	6886	19463
MEAN	900.4	928.5	880.9	873.9	785.4	809.1	692.2	419.0	305.6	208.4	222.1	648.8
MAX	1170	1000	1010	982	999	893	818	684	563	395	588	820
MIN	595	850	517	797	550	750	588	172	167	86	115	531
AC-FT	55380	55240	54160	53740	43620	49750	41190	25760	18190	12820	13660	38600
CAL YEAR 2005	TOTAL		257756	MEAN	706.2	MAX	1170	MIN	82.0	AC-FT	511300	
WTR YEAR 2006	TOTAL		232979	MEAN	638.3	MAX	1170	MIN	86.0	AC-FT	462100	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

KINGSLEY RESERVOIR from North Platte River, 06690000

LOCATION.--NW1/4SW1/4 Sec. 3-14-38 W. near Ogallala

GAGE.--Electric tape gage read once daily

PERIOD OF RECORD.--1941 - 1988, 1990 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of flood pool	3277.5	2,179,800
Top of conservation pool	3270.0	1,948,000
Dead storage	3130.0	Negligible

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	442400	491800	542600	582100	622800	645300	696900	733500	702300	602300	430800	359000
2	443800	494900	544200	583800	622800	647000	698700	733500	698700	595500	425100	359000
3	443800	496400	545900	587100	622800	648800	700500	733500	696900	590500	420900	359000
4	443800	498000	547500	587100	624500	650500	702300	733500	693200	585500	416600	359000
5	443800	501100	547500	588800	624500	652300	702300	733500	689600	578800	412400	360300
6	443800	501100	549100	590500	626200	654000	705900	733500	687800	572100	406900	360300
7	443800	504300	549100	590500	627900	655800	707800	733500	682400	568800	402700	360300
8	443800	504300	549100	592200	627900	657500	707800	731600	680600	560600	400000	360300
9	446700	507400	550700	593900	629700	659300	709600	733500	678800	555700	397200	360300
10	449700	509000	552400	595500	631400	659300	711400	733500	677000	549100	394600	360300
11	451100	512200	552400	597200	631400	661100	713200	731600	673500	545900	390500	360300
12	454000	513700	552400	597200	631400	664600	715100	731600	671700	541000	389200	360300
13	457000	513700	555700	598900	631400	666300	715100	731600	668100	536100	387800	359000
14	458500	516900	559000	600600	633100	666300	716900	731600	662800	531300	383800	359000
15	460000	516900	557300	602300	633100	669900	718700	731600	659300	526500	381100	360300
16	463000	520100	560600	602300	634800	669900	718700	731600	657500	523300	379800	359000
17	464400	521700	560600	604000	634800	669900	720600	731600	655800	516900	377200	357700
18	465900	524900	562200	605700	636600	669900	722400	731600	652300	512200	375900	356500
19	467400	524900	562200	607400	636600	673500	722400	729800	647000	505800	374500	356500
20	470400	526500	562200	607400	636600	675300	722400	726100	645300	498000	371900	356500
21	471900	528100	563900	609100	638300	678800	724200	728000	640100	493400	370600	357700
22	473400	529700	563900	610800	638300	678800	726100	726100	638300	488700	369300	357700
23	475000	532900	565500	612500	638300	680600	728000	724200	633100	482600	366700	356500
24	478000	532900	567200	612500	636600	682400	728000	722400	631400	478000	365400	357700
25	479500	536100	568800	614200	638300	684200	729800	720600	627900	471900	364200	359000
26	481000	537800	570500	615900	640100	687800	729800	716900	624500	465900	362900	360300
27	482600	542600	573800	615900	643500	687800	729800	715100	621100	461500	362900	361600
28	485600	541000	575500	617600	645300	689600	731600	713200	617600	455500	360300	361600
29	487200	542600	577100	619300	---	693200	731600	709600	612500	449700	359000	364200
30	488700	542600	578800	619300	---	696900	731600	709600	607400	443800	357700	364200
31	491800	---	580400	621100	---	695000	---	704100	---	436600	357700	---
MEAN	463000	518900	559600	602700	632800	670100	717300	726800	657800	520100	384400	359400
MAX	491800	542600	580400	621100	645300	696900	731600	733500	702300	602300	430800	364200
MIN	442400	491800	542600	582100	622800	645300	696900	704100	607400	436600	357700	356500
CAL YEAR 2005	MEAN	547200	MAX	657500	MIN	439500						
WTR YEAR 2006	MEAN	567300	MAX	733500	MIN	356500						

NORTH PLATTE RIVER BASIN

SUTHERLAND CANAL from North Platte River and Kingsley Reservoir, 00138000

LOCATION.--NW1/4NW1/4 Sec. 7-14-37 W. near Keystone

GAGE.--Continuous stage recorder and concrete control section

PERIOD OF RECORD.--1936 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	403	27	6.5	261	247	32	13	262	1340	1650	1680	203
2	400	26	6.5	263	291	31	12	350	1360	1650	1590	219
3	401	24	6.5	264	336	29	12	340	1370	1640	1560	224
4	408	23	6.5	259	333	28	11	357	1380	1640	1590	253
5	409	21	6.5	255	323	27	10	506	1390	1630	1570	295
6	354	20	6.5	259	315	26	9.9	605	1400	1630	1560	417
7	245	19	6.5	240	312	24	9.4	652	1410	1630	1570	497
8	85	17	6.5	220	308	23	8.9	656	1420	1630	1440	614
9	28	16	6.5	217	310	22	8.4	659	1440	1630	1290	702
10	28	15	6.5	197	311	21	8.0	664	1450	1620	1140	807
11	28	14	6.5	210	299	21	7.9	661	1470	1620	1050	836
12	28	12	6.5	222	305	20	7.7	639	1480	1610	1020	838
13	28	11	88	227	306	20	7.7	631	1560	1610	1010	837
14	28	10	241	227	306	20	7.7	632	1700	1610	1010	837
15	28	9.2	251	225	333	19	7.7	631	1850	1600	1010	838
16	28	8.3	305	224	370	19	7.7	628	1870	1600	969	842
17	28	7.4	304	227	387	19	7.7	685	1780	1630	798	846
18	28	6.6	329	228	380	18	7.7	720	1740	1670	675	850
19	28	6.5	329	229	373	18	7.7	808	1720	1690	680	759
20	28	6.5	331	230	369	18	7.7	937	1730	1710	678	643
21	28	6.5	316	229	366	18	7.7	935	1720	1710	670	583
22	28	6.5	269	227	365	17	7.7	989	1710	1700	666	462
23	28	6.5	242	218	364	17	7.7	1130	1700	1700	660	341
24	28	6.5	250	241	362	17	7.7	1120	1690	1700	655	192
25	28	6.5	264	265	321	16	7.7	1120	1690	1700	656	147
26	29	6.5	262	264	195	16	42	1140	1680	1700	650	147
27	29	6.5	262	256	52	16	208	1280	1680	1690	647	147
28	29	6.5	260	258	33	15	223	1330	1670	1690	646	147
29	29	6.5	260	252	---	14	228	1330	1660	1690	567	147
30	29	6.5	259	252	---	14	229	1330	1660	1690	392	147
31	29	---	260	249	---	13	---	1340	---	1690	255	---
TOTAL	3355	364.5	5160	7395	8572	628	1148.3	25067	47720	51360	30354	14817
MEAN	108.1	12.2	166.4	238.6	306.1	20.3	38.3	808.2	1591	1657	979.1	493.9
MAX	409	27	331	265	387	32	229	1340	1870	1710	1680	850
MIN	28	6.5	6.5	197	33	13	7.7	262	1340	1600	255	147
AC-FT	6655	723	10230	14670	17000	1246	2278	49720	94650	101900	60210	29390
CAL YEAR 2005	TOTAL		159448	MEAN	438.0	MAX	1750	MIN	6.5	AC-FT	316300	
WTR YEAR 2006	TOTAL		195941	MEAN	536.8	MAX	1870	MIN	6.5	AC-FT	388600	

SOUTH PLATTE RIVER BASIN

SOUTH PLATTE SUPPLY CANAL (Korty) from South Platte River, 06764900

LOCATION.--SE1/4 Sec. 8-13-36 W. near Paxton

GAGE.--Continuous stage recorder and 25 ft. Parshall flume

PERIOD OF RECORD.--1947 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	32	125	---	74	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	36	110	---	72	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	36	86	---	70	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	33	69	---	67	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	32	53	---	55	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	32	40	---	51	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	38	31	---	---	45	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	67	29	---	58	38	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	59	29	---	67	23	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	52	29	---	68	16	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	45	24	---	70	16	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	37	24	---	71	23	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	36	38	---	72	28	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	38	45	---	74	30	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	39	32	---	76	32	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	34	---	---	75	19	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	29	---	---	76	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	30	---	---	78	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	28	---	---	77	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	28	---	---	78	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	26	---	---	79	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	26	---	---	80	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	26	15	---	80	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	29	44	---	80	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	26	80	---	80	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	28	99	---	78	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	29	108	---	79	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	29	132	---	78	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	28	---	---	77	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	27	---	---	76	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	31	---	---	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	865	960	483	1727	659	0	0	0	0
MEAN	0.000	0.000	0.000	28.0	45.7	80.7	75.2	21.3	0.000	0.000	0.000	0.000
MAX	0.00	0.00	0.00	67	132	125	80	74	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	15	40	58	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	1716	1904	958	3425	1307	0.00	0.00	0.00	0.00
CAL YEAR 2005	TOTAL		16193	MEAN	44.4	MAX	747.0	MIN	0.000	AC-FT	32120	
WTR YEAR 2006	TOTAL		4694	MEAN	14.4	MAX	132.0	MIN	0.000	AC-FT	9310	

SUTHERLAND RESERVOIR from North & South Platte Rivers, 00409100

LOCATION.--NE1/4 Township 13, Range 33 W. near Sutherland

GAGE.--Staff gage

PERIOD OF RECORD.--1936 - present

REMARKS.--Published as combined total of Sutherland and Maloney Reservoirs before 1988. Values furnished by Central Nebraska Public Power and Irrigation District.

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Normal maximum operating level	3055.0	64,720
Normal minimum operating level	3041.6	28,350

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	53130	50050	43520	46130	51230	59510	52700	40790	42660	46430	38910	37620
2	53910	49890	43090	46190	51400	59360	52280	39980	43040	45670	39200	37500
3	54420	49690	43200	46630	51820	59190	52080	39120	43330	45510	38600	37320
4	54940	49470	43380	46820	52080	58950	51850	38320	43810	45020	38270	37220
5	54600	49220	42880	46900	52420	58710	51650	37730	44050	44830	38060	37240
6	54910	48970	42690	47060	52700	58480	51740	37340	44640	44380	37880	37220
7	54910	48720	42720	47280	53020	58240	51320	37110	45080	44130	38550	37550
8	54890	48500	42720	47420	53300	58040	51320	37110	45400	43920	39900	38990
9	54630	48250	42240	47670	53710	57800	51060	37320	45780	43570	41160	40110
10	54570	48030	42030	47750	53820	57540	50700	37830	46240	43200	41310	41260
11	54400	47780	41810	47940	53880	57270	50500	38190	46080	42900	41310	42400
12	55060	47560	41680	48190	54250	57010	50360	38680	46190	42580	41450	43600
13	54940	47260	41580	48330	54600	56830	50190	39220	45780	42130	41230	44780
14	54710	47060	41390	48470	54830	56450	50020	39720	45050	42190	41160	45810
15	54450	46740	41390	48630	55150	55700	50020	40160	44430	41920	41420	46980
16	54250	46630	41810	48720	55440	55380	49830	40240	44510	41680	41680	48080
17	54050	46460	42270	48860	55750	55230	49720	40210	45130	41680	42320	49190
18	53730	46220	42770	48990	56220	55320	49270	40320	45730	41680	42400	50360
19	53480	45970	43280	49130	56720	55230	49050	40000	46760	40530	42450	50980
20	53190	45810	43490	49270	57100	55170	48860	40000	47500	40260	42420	51800
21	53020	45650	44080	49380	57450	54940	48770	40060	48330	40030	42190	52080
22	52790	45430	44510	49520	57860	55000	48970	40000	48970	39790	41160	53220
23	52360	45180	44750	49610	58240	54650	49050	40260	49860	39460	40290	53220
24	52110	44970	44890	49750	58600	54370	48610	40660	50810	39270	39510	53420
25	51880	44750	45080	49910	59040	54140	48360	41000	50610	39330	38630	53530
26	51600	44620	45240	50110	59310	54050	47530	41420	50110	41020	38090	53530
27	51290	44540	45400	50330	59450	53790	46160	41290	49470	40110	38010	52960
28	51030	44130	45510	50330	59630	53560	45080	41680	48900	39920	37780	52760
29	50870	43920	45730	50720	---	53390	43700	41840	47920	39870	37850	52620
30	50580	43780	45780	50810	---	53020	42690	42130	47280	39460	37780	52480
31	50330	---	45920	51030	---	52730	---	42370	---	39040	37880	---
MEAN	53390	46840	43440	48640	55320	56100	49450	39740	46450	41980	39960	46190
MAX	55060	50050	45920	51030	59630	59510	52700	42370	50810	46430	42450	53530
MIN	50330	43780	41390	46130	51230	52730	42690	37110	42660	39040	37780	37220

CAL YEAR 2005	MEAN	50290	MAX	61690	MIN	41050
WTR YEAR 2006	MEAN	47230	MAX	59630	MIN	37110

NORTH & SOUTH PLATTE RIVER BASIN

MALONEY RESERVOIR from North & South Platte Rivers, 00405500

LOCATION.--NW1/4NW1/4 Sec. 5-12-30 W. near North Platte

GAGE.--Staff gage

PERIOD OF RECORD.--1936 - present

REMARKS.--Published as combined total of Sutherland and Maloney Reservoirs before 1988. Values furnished by Central Nebraska Public Power and Irrigation District.

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Maximum normal operating level	3006.0	19,450
Normal operating level	3005.0	17,800

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16680	13490	11280	10890	9625	9625	9625	9750	17320	17160	17000	18300
2	16520	13490	11150	10890	9625	9625	9625	11150	17320	17160	17320	18300
3	16680	13490	11280	10890	9625	9625	9625	12080	17320	17480	17480	18300
4	16200	13350	11280	10890	9625	9625	9625	12780	17320	17800	17480	18460
5	16050	13200	11150	10890	9625	9625	9625	13780	17480	17640	17480	18460
6	16050	13200	11020	10890	9625	9625	9625	14650	17640	17640	17480	18630
7	15890	13060	11020	10890	9625	9625	4950	15580	17480	17640	17800	18630
8	15740	13060	11020	10890	9625	9625	4950	16360	17480	17800	17970	18460
9	15580	12920	10890	10890	9625	9625	4950	16680	17320	17640	17970	18460
10	15580	12920	10890	10890	9625	9625	4950	17000	17320	17640	18130	18460
11	15580	12780	10890	10890	9625	9625	4950	17320	17480	17640	18130	18300
12	15430	12640	10630	10890	9625	9625	4950	17480	17480	17640	18300	18130
13	15430	12640	10890	10890	9625	9625	4950	17480	17480	17480	17970	17800
14	15270	12500	10890	10890	9625	9625	4950	17640	16840	17480	17640	17640
15	15120	12360	10890	6580	9625	9625	4950	17320	16520	17480	17480	17480
16	15120	12360	10630	6580	9625	9625	4950	17320	17160	17640	17480	17480
17	14960	12220	10760	10000	9625	9625	4950	17480	17640	17640	17480	17320
18	14810	12220	10630	10000	9625	9625	4950	17480	17800	17640	17480	17000
19	14810	12220	10630	10000	9625	9625	4950	17640	18130	17640	17640	17000
20	14650	12080	10630	10000	9625	9625	4950	17640	17970	17640	17800	16840
21	14510	11940	10890	10000	9625	9625	4950	17800	18130	17640	17800	17000
22	14510	11940	10890	10000	9625	9625	4950	17970	18130	17480	17800	16840
23	14360	11800	10890	10000	9625	9625	4950	17800	17970	17480	17800	16840
24	14360	11800	10890	10000	9625	9625	4950	17480	18130	17320	17640	16680
25	14220	11670	10630	10000	9625	9625	4950	17480	17970	17320	17800	16680
26	14070	11670	10630	10000	9625	9625	3625	17320	17800	16840	17800	16520
27	14070	11540	10630	10000	9625	9625	4590	17480	17480	16680	17800	16360
28	13930	11540	10890	10000	9625	9625	6160	17320	17480	16680	17640	16360
29	13780	11540	10890	10000	---	9625	6160	17320	17320	16680	17640	16200
30	13640	11280	10890	10000	---	9625	8675	17320	17160	16680	17800	16050
31	13640	---	10890	9625	---	9625	---	17320	---	16840	18130	---
MEAN	15070	12430	10890	10170	9625	9625	6034	16360	17540	17390	17710	17500
MAX	16680	13490	11280	10890	9625	9625	9625	17970	18130	17800	18300	18630
MIN	13640	11280	10630	6580	9625	9625	3625	9750	16520	16680	17000	16050
CAL YEAR 2005	MEAN	14680	MAX	18630	MIN	10630						
WTR YEAR 2006	MEAN	13390	MAX	18630	MIN	3625						

SUTHERLAND POWER RETURN to the South Platte River, 00140000

LOCATION.--NE1/4 Sec. 21-13-30 W. at North Platte

GAGE.--Differential pressure recorder

PERIOD OF RECORD.--1939 - present

REMARKS.--Values furnished by the Nebraska Public Power District

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	853	1700	1490	226
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	846	1700	1340	203
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	840	1540	1270	114
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	840	1550	1460	57
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	847	1540	1440	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	799	1540	1460	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	768	1530	1370	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	826	1540	1060	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	754	1540	886	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	774	1540	628	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	726	1530	796	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	990	1520	797	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	979	1530	1010	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1350	1310	996	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	196	1470	1310	796	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	191	1400	1310	597	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	276	1300	1320	595	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	351	1100	1530	371	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	456	1080	1390	372	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	612	940	1520	367	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	597	941	1520	375	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	497	941	1520	706	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	746	937	1520	855	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	749	935	1510	836	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	623	928	1500	852	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	716	1050	1450	834	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	747	1350	1440	702	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	885	1520	1450	570	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	896	1560	1460	545	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	886	1690	1450	314	0.00
31	0.00	---	0.00	0.00	---	0.00	---	861	---	1450	207	---
TOTAL	0	0	0	0	0	0	0	10285	31334	46260	25897	600
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	331.8	1044	1492	835.5	20.0
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	896	1690	1700	1490	226
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	726	1310	207	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20400	62150	91760	51370	1190
CAL YEAR 2005	TOTAL	104036	MEAN	285.0	MAX	1560	MIN	0.000	AC-FT	206400		
WTR YEAR 2006	TOTAL	114376	MEAN	313.4	MAX	1700	MIN	0.000	AC-FT	226900		

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Keystone, 06690500

LOCATION.--SW1/4 Sec. 1-14-38 W., Keith County, Lat. 41°12'40", Long. 101°37'56", on right bank 0.2 miles downstream from diversion dam of Sutherland Reservoir supply canal and 2.3 miles southwest of Keystone.

DRAINAGE AREA.--29,300 square miles; approximately 25,800 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 3,105.59 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--Periodic records 1917, 1939, 1940 - 1941, continuous record March 1942 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except records below 100 cubic feet per second are variable fair to poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 20,300 cubic feet per second June 30, 1917; no flow during many years.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,590 cubic feet per second July 31, gage height 4.54 feet; zero discharge October 1 - May 31 and September 17 - 30.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	198	1350	1570	193
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	254	1450	943	185
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	292	1440	659	182
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	293	1450	656	182
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	291	1450	687	182
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	274	1450	710	181
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	272	1440	502	181
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	272	1430	397	141
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	277	1450	362	101
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	265	965	364	66
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	264	594	364	4.2
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	264	749	375	2.7
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	268	813	370	1.9
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	263	652	328	1.3
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	268	585	291	0.72
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	319	579	293	0.24
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	295	849	271	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	273	1180	266	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	280	1330	296	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	279	1460	296	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	300	1320	278	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	271	1090	239	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	277	1010	240	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	295	1000	242	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	350	999	238	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	521	1000	233	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	697	1170	233	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	735	1330	274	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	916	1330	275	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	1260	1330	215	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	1490	192	---
TOTAL	0	0	0	0	0	0	0	0	11083	35735	12659	1605.06
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	369.6	1152	408.3	53.5
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1260	1490	1570	193
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	198	579	192	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21980	70880	25110	3184
CAL YEAR 2005	TOTAL		38486	MEAN	109.3	MAX	1090	MIN	0.000	AC-FT	76340	
WTR YEAR 2006	TOTAL		61082	MEAN	167.3	MAX	1570	MIN	0.000	AC-FT	121200	

NORTH PLATTE RIVER BASIN

KEITH - LINCOLN COUNTY CANAL from North Platte River, 00076000

LOCATION.--NE1/4SE1/4 Sec. 18-14-36 W. near Roscoe

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	77	26	47
2	---	---	---	---	---	---	---	0.00	0.00	78	0.00	46
3	---	---	---	---	---	---	---	0.00	0.00	79	0.00	46
4	---	---	---	---	---	---	---	0.00	0.00	79	0.00	46
5	---	---	---	---	---	---	---	0.00	21	81	47	46
6	---	---	---	---	---	---	---	0.00	50	81	75	53
7	---	---	---	---	---	---	---	0.00	50	79	75	58
8	---	---	---	---	---	---	---	0.00	50	68	75	57
9	---	---	---	---	---	---	---	0.00	51	53	72	58
10	---	---	---	---	---	---	---	0.00	49	56	68	52
11	---	---	---	---	---	---	---	0.00	50	72	68	2.8
12	---	---	---	---	---	---	---	0.00	50	77	40	0.00
13	---	---	---	---	---	---	0.00	0.00	51	76	0.00	0.00
14	---	---	---	---	---	---	0.00	0.00	50	76	0.00	0.00
15	---	---	---	---	---	---	0.00	0.00	49	76	0.00	0.00
16	---	---	---	---	---	---	0.00	0.00	48	76	36	0.00
17	---	---	---	---	---	---	0.00	0.00	48	68	73	0.00
18	---	---	---	---	---	---	0.00	0.00	48	59	73	0.00
19	---	---	---	---	---	---	0.00	0.00	49	58	72	0.00
20	---	---	---	---	---	---	0.00	0.00	48	57	66	0.00
21	---	---	---	---	---	---	0.00	0.00	47	19	62	0.00
22	---	---	---	---	---	---	0.00	0.00	47	0.00	61	0.00
23	---	---	---	---	---	---	0.00	0.00	46	0.00	60	0.00
24	---	---	---	---	---	---	0.00	0.00	45	29	60	0.00
25	---	---	---	---	---	---	0.00	0.00	45	75	60	0.00
26	---	---	---	---	---	---	0.00	0.00	48	75	60	0.00
27	---	---	---	---	---	---	0.00	0.00	63	72	60	0.00
28	---	---	---	---	---	---	0.00	0.00	75	67	60	0.00
29	---	---	---	---	---	---	0.00	0.00	77	78	54	0.00
30	---	---	---	---	---	---	0.00	0.00	76	68	47	---
31	---	---	---	---	---	---	---	0.00	---	63	47	---
TOTAL	0	0	0	0	0	0	0	0	1331	1972	1497	511.8
MEAN	---	---	---	---	---	---	0.000	0.000	44.4	63.7	48.3	17.6
MAX	---	---	---	---	---	---	0.00	0.00	77	81	75	58
MIN	---	---	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2640	3911	2969	1015
CAL YEAR 2005	MAX	75.0	MIN	0.000	AC-FT	9339						
WTR YEAR 2006	MAX	81.0	MIN	0.000	AC-FT	10540						

NORTH PLATTE RIVER BASIN

NORTH PLATTE CANAL from North Platte River, 00114000

LOCATION.--SE1/4NE1/4 Sec. 18-14-33 W. near Sutherland

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	49	5.4	247	187	110
2	---	---	---	---	---	---	---	48	61	248	172	110
3	---	---	---	---	---	---	---	47	114	247	161	110
4	---	---	---	---	---	---	---	47	137	246	185	110
5	---	---	---	---	---	---	---	50	156	233	202	117
6	---	---	---	---	---	---	---	50	165	224	200	115
7	---	---	---	---	---	---	---	49	173	228	200	119
8	---	---	---	---	---	---	---	48	163	209	199	100
9	---	---	---	---	---	---	---	49	145	191	198	82
10	---	---	---	---	---	---	---	48	152	184	200	69
11	---	---	---	---	---	---	0.00	53	157	181	200	58
12	---	---	---	---	---	---	0.00	52	156	190	206	53
13	---	---	---	---	---	---	0.00	52	155	197	184	51
14	---	---	---	---	---	---	0.00	52	153	223	163	48
15	---	---	---	---	---	---	0.00	51	176	240	169	33
16	---	---	---	---	---	---	0.00	51	192	243	171	33
17	---	---	---	---	---	---	0.00	51	182	254	165	21
18	---	---	---	---	---	---	0.00	50	162	269	165	11
19	---	---	---	---	---	---	0.00	48	166	244	163	11
20	---	---	---	---	---	---	0.00	45	184	227	174	11
21	---	---	---	---	---	---	0.00	43	181	202	201	7.8
22	---	---	---	---	---	---	0.00	42	189	195	203	3.4
23	---	---	---	---	---	---	0.00	59	200	192	198	3.3
24	---	---	---	---	---	---	0.02	56	204	195	195	3.1
25	---	---	---	---	---	---	0.82	49	198	194	193	3.0
26	---	---	---	---	---	---	4.8	47	218	197	193	2.8
27	---	---	---	---	---	---	37	45	244	199	178	2.8
28	---	---	---	---	---	---	49	43	237	202	133	2.8
29	---	---	---	---	---	---	49	23	246	202	119	2.8
30	---	---	---	---	---	---	49	0.00	254	199	111	---
31	---	---	---	---	---	---	---	0.00	---	197	129	---
TOTAL	0	0	0	0	0	0	189.64	1397	5125.4	6699	5517	1403.8
MEAN	---	---	---	---	---	---	9.5	45.0	170.8	216.1	177.9	48.3
MAX	---	---	---	---	---	---	49	59	254	269	206	119
MIN	---	---	---	---	---	---	0.00	0.00	5.4	181	111	2.8
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	376	2771	10170	13290	10940	2784
CAL YEAR 2005	MAX	132.0	MIN	4.1	AC-FT	3025						
WTR YEAR 2006	MAX	269.0	MIN	0.000	AC-FT	40330						

NORTH PLATTE RIVER BASIN

PAXTON-HERSHEY CANAL from North Platte River, 00121000

LOCATION.--SE1/4SE1/4 Sec. 7-14-33 W. near Sutherland

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1916, 1918 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	43	98	33	40
2	---	---	---	---	---	---	---	0.00	44	94	36	34
3	---	---	---	---	---	---	---	0.00	72	96	33	29
4	---	---	---	---	---	---	---	0.00	83	95	37	29
5	---	---	---	---	---	---	---	0.00	81	80	39	29
6	---	---	---	---	---	---	---	0.00	65	47	39	29
7	---	---	---	---	---	---	---	0.00	56	48	69	29
8	---	---	---	---	---	---	---	0.00	67	50	83	30
9	---	---	---	---	---	---	---	0.00	70	49	77	33
10	---	---	---	---	---	---	---	0.00	52	58	80	36
11	---	---	---	---	---	---	---	0.00	56	91	80	36
12	---	---	---	---	---	---	---	0.00	55	96	49	35
13	---	---	---	---	---	---	---	0.00	49	84	30	33
14	---	---	---	---	---	---	---	0.00	48	55	50	32
15	---	---	---	---	---	---	---	0.00	48	34	68	32
16	---	---	---	---	---	---	---	3.5	61	35	68	32
17	---	---	---	---	---	---	---	13	81	34	67	33
18	---	---	---	---	---	---	---	13	87	34	58	33
19	---	---	---	---	---	---	0.00	13	81	35	41	27
20	---	---	---	---	---	---	0.00	13	86	33	41	5.3
21	---	---	---	---	---	---	0.00	13	82	33	36	3.7
22	---	---	---	---	---	---	0.00	13	68	34	37	3.0
23	---	---	---	---	---	---	0.00	14	40	36	33	5.1
24	---	---	---	---	---	---	0.00	12	56	51	33	7.9
25	---	---	---	---	---	---	0.00	11	58	61	38	5.3
26	---	---	---	---	---	---	0.00	11	67	73	42	5.9
27	---	---	---	---	---	---	0.00	11	91	95	37	0.40
28	---	---	---	---	---	---	0.00	11	95	92	41	0.00
29	---	---	---	---	---	---	0.00	20	98	62	42	0.00
30	---	---	---	---	---	---	0.00	42	100	31	42	0.00
31	---	---	---	---	---	---	---	47	---	33	40	---
TOTAL	0	0	0	0	0	0	0	260.5	2040	1847	1499	647.6
MEAN	---	---	---	---	---	---	0.000	8.4	68.0	59.5	48.3	21.5
MAX	---	---	---	---	---	---	0.00	47	100	98	83	40
MIN	---	---	---	---	---	---	0.00	0.00	40	31	30	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	517	4046	3663	2973	1284
CAL YEAR 2005	MAX	101.0	MIN	0.000	AC-FT	12040						
WTR YEAR 2006	MAX	100.0	MIN	0.000	AC-FT	12480						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Sutherland, 06691000

LOCATION.--SW1/4SW1/4 Sec. 4-14-33 W., Lincoln County, Lat. 41° 12' 37", Long. 101° 06' 53", on right bank 200 feet south and 75 feet west of right end of bridge on county road, 2.5 miles upstream from Birdwood Creek and 3.5 miles north of Sutherland.

GAGE.--Continuous stage recorder. Elevation of gage 2,920 feet, from topographic map, Hershey West Quadrangle, 7.5 minute series.

PERIOD OF RECORD.--1917, 1931 - 1933, 1935, Irrigation season only, 1936 - 1992, all year record, 1993 - present, May - September partial year record, October 1999 - present.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are fair except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 20,300 cubic feet per second June 29, 1917, from discharge graph based on daily gage readings, from rating curve extended above 16,000 cubic feet per second; no flow July 24 - 28, 30, 31, 1931, August 7, 1934, July 20 - 28, 1940.

EXTREMES FOR CURRENT YEAR.--Maximum discharge 1,360 cubic feet per second August 8, gage height 4.78 feet; minimum daily discharge 7.3 cubic feet per second May 29.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	97	130	57	87	96	114	106	51	9.4	780	1160	81
2	98	137	60	98	97	122	110	53	10.0	891	1320	89
3	99	132	54	106	92	131	101	49	16	973	765	84
4	95	130	38	104	89	143	104	45	24	1030	583	80
5	97	131	32	106	89	148	112	42	54	1090	552	74
6	86	126	27	108	90	144	114	44	47	1150	508	75
7	90	137	43	106	91	151	120	45	26	1150	476	66
8	98	137	39	106	93	143	104	44	27	1260	277	85
9	96	123	44	104	97	131	103	41	42	1220	200	89
10	105	125	61	104	93	140	110	39	53	1180	141	93
11	134	130	54	110	88	135e	102	37	58	695	118	83
12	147	129	51	109	102	130e	99	37	62	383	153	80
13	135	120	43	106	101	125e	104	35	66	465	380	64
14	132	114	36	111	99	121	105	29	68	469	345	63
15	129	112	25	113	97	121	105	25	46	348	233	75
16	132	104	27	115	98e	154	113	21	33	298	176	70
17	132	102	64	104	98e	147	106	15	91	271	101	69
18	133	101	62	110	98e	142	101	15	86	482	71	72
19	127	98	76	106	97e	147	95	15	54	746	79	77
20	126	87	78	97	97e	136	95	15	31	885	87	104
21	130	83	102	91	96e	133	101	14	30	1090	77	125
22	128	80	117	91	95e	132	112	13	46	987	57	163
23	122	81	115	91	94e	117	109	14	59	836	37	133
24	127	68	84	94	93e	111	100	8.3	57	731	31	117
25	135	61	49	92	92e	115	96	7.9	55	639	27	115
26	136	58	54	92	91	118	65	8.6	63	662	29	115
27	134	61	58	95	96	121	59	9.8	134	680	47	124
28	137	66	66	94	101	116	56	10	280	833	89	123
29	137	50	72	92	---	123	51	7.3	311	926	119	132
30	130	67	76	91	---	124	50	9.4	486	967	127	131
31	126	---	80	96	---	115	---	8.6	---	958	88	---
TOTAL	3730	3080	1844	3129	2660	4050	2908	807.9	2424.4	25075	8453	2851
MEAN	120.3	102.7	59.5	100.9	95.0	130.6	96.9	26.0	80.7	808.6	272.6	95.1
MAX	147	137	117	115	102	154	120	53	486	1260	1320	163
MIN	86	50	25	87	88	111	50	7.3	9.4	271	27	63
AC-FT	7398	6109	3658	6206	5276	8033	5768	1602	4809	49740	16770	5655
CAL YEAR 2005	TOTAL		45029	MEAN	123.4	MAX	758.0	MIN	25.0	AC-FT	89310	
WTR YEAR 2006	TOTAL		61012	MEAN	167.2	MAX	1320	MIN	7.3	AC-FT	121000	

e indicates estimated discharge.

BIRDWOOD CANAL from Birdwood Creek, 00016000

LOCATION.--SE1/4SW1/4 Sec. 35-15-33 W. near Hershey

GAGE.--Continuous stage recorder and 8 ft. Parshall flume

PERIOD OF RECORD.--1921 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	20	18	---	---	---	---	---	15	40	35	38	18
2	20	18	---	---	---	---	---	18	42	37	37	21
3	20	18	---	---	---	---	---	24	41	37	36	22
4	20	10.0	---	---	---	---	---	29	43	38	36	24
5	21	3.0	---	---	---	---	---	27	41	38	36	24
6	19	3.0	---	---	---	---	---	25	37	38	36	20
7	19	3.0	---	---	---	---	---	20	42	37	39	21
8	15	3.0	---	---	---	---	---	21	43	38	36	22
9	14	3.0	---	---	---	---	---	21	42	37	40	25
10	15	3.0	---	---	---	---	---	21	41	36	39	20
11	16	3.0	---	---	---	---	---	20	43	37	34	13
12	17	3.0	---	---	---	---	---	21	42	39	34	13
13	16	3.0	---	---	---	---	0.00	23	41	38	43	12
14	16	3.0	---	---	---	---	0.00	23	41	39	38	13
15	16	3.0	---	---	---	---	0.00	22	42	39	35	14
16	17	3.0	---	---	---	---	0.00	26	43	39	36	15
17	17	---	---	---	---	---	0.00	31	41	39	39	16
18	17	---	---	---	---	---	0.00	36	40	43	38	16
19	17	---	---	---	---	---	0.00	35	38	49	37	16
20	16	---	---	---	---	---	0.00	33	37	43	35	18
21	16	---	---	---	---	---	11	33	37	40	39	20
22	16	---	---	---	---	---	16	34	38	38	36	19
23	16	---	---	---	---	---	16	29	38	38	44	10
24	16	---	---	---	---	---	16	27	26	38	38	8.8
25	16	---	---	---	---	---	16	24	19	39	38	8.9
26	17	---	---	---	---	---	16	25	38	39	44	9.4
27	17	---	---	---	---	---	15	25	38	44	43	9.8
28	17	---	---	---	---	---	15	25	38	44	30	9.8
29	17	---	---	---	---	---	15	27	38	40	19	10
30	18	---	---	---	---	---	15	28	35	39	15	10
31	18	---	---	---	---	---	---	29	---	37	16	---
TOTAL	532	100	0	0	0	0	151	797	1165	1212	1104	478.7
MEAN	17.2	6.3	---	---	---	---	8.5	25.8	38.8	39.1	35.6	15.9
MAX	21	18	---	---	---	---	16	36	43	49	44	25
MIN	14	3.0	---	---	---	---	0.00	15	19	35	15	8.8
AC-FT	1055	198	0.00	0.00	0.00	0.00	300	1581	2311	2404	2190	949
CAL YEAR 2005	MAX	52.0	MIN	0.000	AC-FT	7948						
WTR YEAR 2006	MAX	49.0	MIN	0.000	AC-FT	10990						

NORTH PLATTE RIVER BASIN

BIRDWOOD CREEK near Hershey, 06692000

LOCATION.--NE1/4NW1/4 Sec. 2-14-33 W., Lincoln County, Lat. 41° 13' 20", Long. 101° 04' 12"

GAGE.--Continuous stage recorder

PERIOD OF RECORD.-- May - September partial year record 1994 - 1999, full time operation
May 1931 - 1993, 2000 - present. Records are good, except estimated records are poor.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 210 cubic feet per second February 19, gage height 1.95
feet; minimum daily discharge 92 cubic feet per second August 25.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	138	128	165	150	158	169	164	140	104	103	102	101
2	138	129	162	153	160	169	163	136	103	104	106	99
3	136	129	164	150	155	168	155	134	100	104	104	99
4	136	142	159	149	157	171	159	135	100	105	98	99
5	141	149	158	150	159	175	164	134	108	114	97	102
6	134	146	153	148	162	175	165	134	110	111	96	110
7	135	150	174	152	160	183	184	131	99	111	102	113
8	141	153	170e	158	161	186	164	132	98	122	109	118
9	141	151	165e	156	162	184	167	132	98	119	103	120
10	142	150	160e	158	160	186	165	130	103	116	104	137
11	147	158	161	163	150	185	166	127	110	113	102	135
12	147	162	160	164	156	183	158	129	108	108	98	130
13	140	156	166	162	160	176	160	131	106	107	119	119
14	138	153	162	166	165	175	160	133	103	104	113	128
15	136	162	157	170	164	174	168	132	99	103	101	127
16	136	152	156	170	159	170	174	127	98	101	100	126
17	136	161	153	166	156	169	163	121	111	101	100	123
18	136	167	153	171	162	171	163	121	118	95	97	122
19	133	165	152	176	181	181	161	121	102	93	97	121
20	134	155	150	173	167	177	154	119	96	99	100	126
21	134	165	151	168	168	170	148	119	94	109	96	132
22	134	173	155	168	166	171	139	117	94	104	96	157
23	132	175	159	166	168	169	136	137	101	102	100	140
24	131	172	154	167	170	168	156	139	122	101	94	133
25	132	171	153	164	169	169	148	126	117	101	92	131
26	131	172	152	166	171	167	140	126	100	99	95	131
27	131	175	151	165	175	170	141	125	100	110	93	131
28	131	159	148	164	175	169	142	123	100	115	114	132
29	133	151	150	160	---	165	141	119	103	99	114	132
30	132	151	149	157	---	168	139	116	104	97	107	133
31	129	---	147	160	---	159	---	115	---	99	104	---
TOTAL	4215	4682	4869	5010	4576	5372	4707	3961	3109	3269	3153	3707
MEAN	135.9	156.2	157.0	161.6	163.5	173.3	156.9	127.7	103.6	105.5	101.7	123.5
MAX	147	175	174	176	181	186	184	140	122	122	119	157
MIN	129	128	147	148	150	159	136	115	94	93	92	99
AC-FT	8360	9287	9658	9937	9076	10660	9336	7857	6167	6484	6254	7353
CAL YEAR 2005	TOTAL		54302	MEAN	148.8	MAX	237.0	MIN	100.0	AC-FT	107700	
WTR YEAR 2006	TOTAL		50630	MEAN	138.7	MAX	186.0	MIN	92.0	AC-FT	100400	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

SUBURBAN CANAL from North Platte River, 00136000

LOCATION.--SE1/4SE1/4 SEC. 7-14-32 W. near Hershey

GAGE.--Continuous stage recorder and 12 ft. Parshall flume

PERIOD OF RECORD.--1919, 1921 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
1	---	---	---	---	---	---	---	0.00	65	83	77	54	
2	---	---	---	---	---	---	---	0.00	61	69	71	54	
3	---	---	---	---	---	---	---	6.5	61	68	63	54	
4	---	---	---	---	---	---	---	38	66	79	68	53	
5	---	---	---	---	---	---	---	37	74	80	64	52	
6	---	---	---	---	---	---	---	37	74	90	61	52	
7	---	---	---	---	---	---	---	36	65	69	75	52	
8	---	---	---	---	---	---	---	38	58	74	73	51	
9	---	---	---	---	---	---	---	53	72	74	68	52	
10	---	---	---	---	---	---	---	72	75	74	74	52	
11	---	---	---	---	---	---	---	75	76	68	80	52	
12	---	---	---	---	---	---	---	74	75	59	77	52	
13	---	---	---	---	---	---	---	74	71	62	79	51	
14	---	---	---	---	---	---	---	73	70	78	72	50	
15	---	---	---	---	---	---	---	73	68	90	71	49	
16	---	---	---	---	---	---	---	73	65	95	69	48	
17	---	---	---	---	---	---	---	67	68	108	67	46	
18	---	---	---	---	---	---	---	0.00	68	72	108	63	46
19	---	---	---	---	---	---	---	0.00	69	68	101	61	46
20	---	---	---	---	---	---	---	0.00	71	64	95	64	47
21	---	---	---	---	---	---	---	0.00	69	63	97	71	39
22	---	---	---	---	---	---	---	0.00	67	63	92	63	0.00
23	---	---	---	---	---	---	---	0.00	75	66	91	66	0.00
24	---	---	---	---	---	---	---	0.00	76	65	92	71	0.00
25	---	---	---	---	---	---	---	0.00	73	66	97	73	0.00
26	---	---	---	---	---	---	---	0.00	70	66	103	75	0.00
27	---	---	---	---	---	---	---	0.00	69	68	88	78	0.00
28	---	---	---	---	---	---	---	0.00	68	72	79	82	0.00
29	---	---	---	---	---	---	---	0.00	68	73	81	80	0.00
30	---	---	---	---	---	---	---	0.00	69	75	80	69	0.00
31	---	---	---	---	---	---	---	70	---	80	55	---	
TOTAL	0	0	0	0	0	0	0	1808.5	2045	2604	2180	1052	
MEAN	---	---	---	---	---	---	0.000	58.3	68.3	84.1	70.4	35.0	
MAX	---	---	---	---	---	---	0.00	76	76	108	82	54	
MIN	---	---	---	---	---	---	0.00	0.00	58	59	55	0.00	
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3587	4056	5165	4324	2087	
CAL YEAR 2005	MAX	98.0	MIN	0.000	AC-FT	14590							
WTR YEAR 2006	MAX	108.0	MIN	0.000	AC-FT	19220							

NORTH PLATTE RIVER BASIN

CODY-DILLON CANAL from North Platte River, 00027000

LOCATION.--SE1/4NE1/4 Sec. 9-14-31 W. near North Platte

GAGE.--Continuous stage recorder and concrete control

PERIOD OF RECORD.--1919, 1921 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	20	6.0	---	---	---	---	---	---	20	22	22	15
2	19	4.9	---	---	---	---	---	---	19	24	23	17
3	19	4.5	---	---	---	---	---	---	20	19	19	17
4	17	5.0	---	---	---	---	---	---	21	16	14	16
5	17	6.2	---	---	---	---	---	---	20	18	19	16
6	17	6.0	---	---	---	---	---	---	14	19	20	15
7	17	5.5	---	---	---	---	---	0.10	13	19	20	14
8	17	5.4	---	---	---	---	---	0.62	15	21	17	14
9	17	5.1	---	---	---	---	---	2.7	15	18	10	14
10	16	4.8	---	---	---	---	---	6.7	16	18	9.7	11
11	16	5.3	---	---	---	---	---	12	18	14	13	11
12	16	5.2	---	---	---	---	---	17	18	4.1	11	10
13	16	4.7	---	---	---	---	---	18	19	8.4	22	8.6
14	16	4.3	---	---	---	---	---	21	22	15	19	8.8
15	14	2.7	---	---	---	---	---	28	22	12	18	7.1
16	7.4	0.45	---	---	---	---	---	32	22	12	19	5.9
17	7.8	---	---	---	---	---	---	29	24	16	20	6.2
18	8.2	---	---	---	---	---	---	27	16	17	18	9.3
19	7.7	---	---	---	---	---	---	26	13	18	15	9.3
20	8.3	---	---	---	---	---	---	26	12	20	18	9.7
21	8.6	---	---	---	---	---	---	24	10	20	15	9.8
22	8.4	---	---	---	---	---	---	22	5.3	18	11	6.1
23	8.0	---	---	---	---	---	---	24	6.3	15	5.2	1.9
24	7.9	---	---	---	---	---	---	27	6.6	13	0.87	1.6
25	8.7	---	---	---	---	---	---	22	8.2	11	0.27	1.5
26	9.0	---	---	---	---	---	---	20	7.5	10	5.8	1.3
27	7.9	---	---	---	---	---	---	19	6.7	11	12	1.3
28	6.7	---	---	---	---	---	---	18	8.2	13	19	1.4
29	6.5	---	---	---	---	---	---	18	9.9	17	20	1.5
30	7.0	---	---	---	---	---	---	19	14	20	20	1.4
31	7.0	---	---	---	---	---	---	23	---	20	17	---
TOTAL	379.1	76.05	0	0	0	0	0	482.12	441.7	498.5	472.84	262.7
MEAN	12.2	4.8	---	---	---	---	---	19.2	14.7	16.0	15.3	8.7
MAX	20	6.2	---	---	---	---	---	32	24	24	23	17
MIN	6.5	0.45	---	---	---	---	---	0.10	5.3	4.1	0.27	1.3
AC-FT	752	151	0.00	0.00	0.00	0.00	0.00	956	876	989	938	521
CAL YEAR 2005	MAX	20.0	MIN	0.000	AC-FT	3810						
WTR YEAR 2006	MAX	32.0	MIN	0.10	AC-FT	5183						

LINCOLN COUNTY DRAIN NO. 1 at North Platte, 06692500

LOCATION.--Lat. 41°09'40", long. 100°47'25", NE1/4NE1/4 Sec. 30-14-30 W., Lincoln County, on left bank 25 feet upstream from highway bridge, 0.8 mile upstream from mouth, and 1.5 miles northwest of the city of North Platte.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Partial year record 1993 - 1999. Continuous record 1931 - 1932, 1955 - 1992, 2000 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1979. Records are good, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 112 cubic feet per second August 16, gage height 1.86 feet; minimum daily discharge 13 cubic feet per second April 18 - 23, May 13, 15,17,20.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	35	30	23	20	18	16	14	16	27	55	43	94
2	35	30	23	20	18	16	14	16	28	56	44	82
3	34	30	23	20	18	16	14	15	37	54	38	84
4	39	30	22	19	17	16	14	17	42	58	44	85
5	41	29	22	19	17	15	14	19	49	64	41	78
6	40	30	21	19	17	15	14	20	49	61	39	74
7	41	29	21e	19	17	15	15	20	61	54	38	74
8	41	28	20e	19	17	15	14	19	58	54	41	78
9	42	28	20	19	17	15	14	18	51	74	47	77
10	42	28	20	19	17	15	14	18	44	80	55	84
11	42	28	20	19	16	15	14	18	52	68	52	83
12	41	28	20	19	17	15	14	15	52	59	44	82
13	42	27	20	19	17	15	14	13	48	52	58	76
14	41	28	20	19	17	15	14	15	44	57	77	74
15	42	27	20	19	17	15	14	13	39	53	93	69
16	41	27	20	19	17	15	14	16	40	51	103	60
17	40	26	20	19	17e	15	14	13	66	55	99	57
18	36	26	20	19	17e	15	13	14	69	54	86	53
19	35	26	20	19	17e	16	13	15	66	57	82	53
20	36	26	20	19	17	16	13	13	74	58	77	52
21	36	26	20	18	16	15	13	14	63	62	70	55
22	37	26	20	18	16	15	13	16	61	60	50	54
23	36	26	20	18	16	15	13	16	54	59	47	52
24	36	25	20	18	16	15	15	16	61	62	48	50
25	34	25	20	18	16	15	14	15	60	57	51	49
26	34	25	20	19	16	15	14	27	61	52	52	48
27	35	26	20	18	16	15	14	30	60	58	51	47
28	33	25	20	18	16	15	14	30	56	57	85	46
29	34	24	20	18	---	15	15	26	56	45	102	45
30	34	24	20	18	---	15	16	26	55	47	101	44
31	31	---	20	18	---	14	---	27	---	45	103	---
TOTAL	1166	813	635	582	470	470	419	566	1583	1778	1961	1959
MEAN	37.6	27.1	20.5	18.8	16.8	15.2	14.0	18.1	52.8	57.4	63.2	65.3
MAX	42	30	23	20	18	16	16	30	74	80	103	94
MIN	31	24	20	18	16	14	13	13	27	45	38	44
AC-FT	2313	1613	1260	1154	932	932	831	1123	3140	3527	3890	3886
CAL YEAR 2005 TOTAL			13807	MEAN	37.8	MAX	110.0	MIN	14.0	AC-FT	27390	
WTR YEAR 2006 TOTAL			12402	MEAN	34.0	MAX	103.0	MIN	13.0	AC-FT	24600	

e indicates estimated discharge.

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at North Platte, 06693000

LOCATION.--Sec. 28-14-30 W., Lincoln County, Lat. 41° 09' 13", Long. 100° 45' 16", on right bank
150 feet downstream from bridge on U.S. Highway 83, 0.5 mile north of North Platte and 4.5 miles
upstream from confluence with South Platte River.

DRAINAGE AREA.--30,900 square miles, approximately 26,300 square miles contributes directly to
surface runoff.

GAGE.--Continuous stage recorder. Gage datum 2,792.14 feet above sea level.

PERIOD OF RECORD.--February 1895 - present, Monthly discharge only for some periods published by
USGS in WSP 1310.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except
estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 29,600 cubic feet per second June 11, 1909; minimum
daily discharge 20 cubic feet per second September 20, 1904; minimum daily since 1943, 97 cubic
feet per second June 16, 1959.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,430 cubic feet per second July 11, gage height 5.45 feet;
minimum daily discharge 66 cubic feet per second May 22.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	239	273	300e	346	318	317	308	228	77	436	1130	264
2	237	262	310e	357	322	310	300	216	72	630	1340	247
3	237	275	300e	352	322	310	295	195	80	861	1230	231
4	239	280	298	338	324	312	275	187	99	929	769	237
5	251	293	289	330	325	309	283	188	131	924	657	237
6	247	272	300e	333	325	318	281	198	169	996	588	242
7	251	271	300e	329	312	307	366	197	157	1080	564	240
8	254	278	354	319	302	281	372	185	147	1150	494	231
9	252	265	432	317	290	301	323	170	130	1200	389	262
10	270	269	489	311	274	302	319	147	130	1220	316	287
11	305	278	459	311	282e	295	310	136	164	1140	261	295
12	329	272	369	310	291e	294	297	126	171	649	225	278
13	324	257	300	314	299e	292	278	119	158	510	358	246
14	306	250	271	319	307e	282	281	113	140	538	469	241
15	297	252	229	320	316e	277	286	105	117	467	415	237
16	310	269	214	324	324	260	299	102	110	391	345	230
17	313	240	199	327	323e	266	285	85	219	324	303	203
18	316	251	228	334	321e	285	278	76	274	336	260	198
19	296	264	228	337	320e	322	265	72	227	593	227	210
20	309	264	262	332	319e	320e	266	69	188	790	236	225
21	321	264	271	325	318e	320e	261	67	150	1050	226	276
22	326	261	298	326	317e	319	251	66	147	1160	186	395
23	293	263	302	320	315e	317	250	76	163	1040	170	376
24	294	260	290	308	314e	329	283	81	194	913	158	330
25	309	260	245	308	313	346	305	74	178	855	150	323
26	304	260	234	314	305	366	288	75	176	775	148	321
27	290	266	204	308	313	384	262	76	169	712	147	313
28	308	293	239	302	318	402	252	73	202	779	192	333
29	317	290e	301	307	---	371	246	68	267	965	270	339
30	313	290e	317	309	---	342	237	69	277	1060	301	343
31	291	---	337	309	---	324	---	78	---	1090	302	---
TOTAL	8948	8042	9169	9996	8729	9780	8602	3717	4883	25563	12826	8190
MEAN	288.7	268.1	295.8	322.3	311.7	315.5	286.8	119.9	162.7	825.0	413.5	273.0
MAX	329	293	489	357	325	402	372	228	277	1220	1340	395
MIN	237	240	199	302	274	260	237	66	72	324	147	198
AC-FT	17750	15950	18190	19830	17310	19400	17060	7373	9685	50700	25440	16240
CAL YEAR 2005	TOTAL		113907	MEAN	312.1	MAX	796.0	MIN	146.0	AC-FT	225900	
WTR YEAR 2006	TOTAL		118445	MEAN	324.5	MAX	1340	MIN	66.0	AC-FT	234900	

e indicates estimated discharge.

LOGGEPOLLE CREEK above Oliver Reservoir, 00219500

LOCATION.--NE1/4NE1/4 Sec. 33-15-57 W., Kimball County, Lat 41° 13' 43", Long. 103° 48' 03", on the left bank approximately two miles southeast of Bushnell and 1.5 miles west of Oliver Reservoir.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--Oct. 1931 - 1992, monthly discharges only for some periods, 1993 - present, May - September. Station moved to present site in 1994. Previously station was located two miles upstream on Highway 53c and referred to as "at Bushnell". Called "at Tomich Ranch" from 1994 - 1996.

REMARKS.--Published using the U. S. Geological Survey number 06762500 from 1992 to 2002. Published by U.S.G.S. up to Oct. 1, 1991 and restarted in 2003 at the Highway 53c site at Bushnell, station number 06762500.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.3	---	---	---	---	---	---	---	1.7	1.2	0.50	0.18
2	6.3	---	---	---	---	---	---	1.3	1.7	1.1	0.49	0.21
3	6.2	---	---	---	---	---	---	1.3	1.8	1.1	0.47	0.23
4	6.1	---	---	---	---	---	---	1.3	1.8	1.1	0.46	0.25
5	5.9	---	---	---	---	---	---	1.3	1.8	1.1	0.44	0.28
6	5.8	---	---	---	---	---	---	1.5	1.8	1.0	0.43	0.30
7	5.8	---	---	---	---	---	---	1.4	1.8	1.0	0.41	0.29
8	5.8	---	---	---	---	---	---	1.4	1.8	0.98	0.40	0.32
9	5.8	---	---	---	---	---	---	1.4	1.8	0.96	0.38	0.35
10	7.6	---	---	---	---	---	---	1.4	1.8	0.94	0.37	0.38
11	6.3	---	---	---	---	---	---	1.4	1.7	0.91	0.36	0.40
12	5.8	---	---	---	---	---	---	1.5	1.7	0.89	0.34	0.43
13	5.7	---	---	---	---	---	---	1.5	1.7	0.87	0.33	0.46
14	5.7	---	---	---	---	---	---	1.4	1.6	0.85	0.32	0.49
15	5.8	---	---	---	---	---	---	1.5	1.6	0.82	0.30	0.51
16	5.8	---	---	---	---	---	---	1.5	1.6	0.80	0.29	0.50
17	5.8	---	---	---	---	---	---	1.5	1.6	0.78	0.28	0.53
18	5.8	---	---	---	---	---	---	1.5	1.5	0.76	0.27	0.57
19	5.7	---	---	---	---	---	---	1.5	1.5	0.74	0.26	0.62
20	5.8	---	---	---	---	---	---	1.5	1.5	0.72	0.25	0.66
21	5.9	---	---	---	---	---	---	1.5	1.4	0.70	0.24	0.66
22	5.8	---	---	---	---	---	---	1.6	1.4	0.68	0.23	0.69
23	5.6	---	---	---	---	---	---	1.6	1.4	0.66	0.22	0.71
24	5.6	---	---	---	---	---	---	1.6	1.3	0.64	0.21	0.77
25	5.6	---	---	---	---	---	---	1.6	1.3	0.63	0.20	0.82
26	5.7	---	---	---	---	---	---	1.6	1.3	0.61	0.42	0.80
27	5.6	---	---	---	---	---	---	1.6	1.3	0.59	1.3	0.84
28	1.9	---	---	---	---	---	---	1.7	1.2	0.57	1.3	0.86
29	---	---	---	---	---	---	---	1.7	1.2	0.55	1.3	0.98
30	---	---	---	---	---	---	---	1.7	1.2	0.54	0.67	0.92
31	---	---	---	---	---	---	---	1.7	---	0.52	0.18	---
TOTAL	161.5	0	0	0	0	0	0	45	46.8	25.31	13.62	16.01
MEAN	5.8	---	---	---	---	---	---	1.5	1.6	0.82	0.44	0.53
MAX	7.6	---	---	---	---	---	---	1.7	1.8	1.2	1.3	0.98
MIN	1.9	---	---	---	---	---	---	1.3	1.2	0.52	0.18	0.18
AC-FT	320	0.00	0.00	0.00	0.00	0.00	0.00	89	93	50	27	32
CAL YEAR 2005	MAX	8.9	MIN	0.82	AC-FT	904						
WTR YEAR 2006	MAX	7.6	MIN	0.18	AC-FT	611						

SOUTH PLATTE RIVER BASIN

LOGGEPOLLE CREEK below Oliver Reservoir, 00219000

LOCATION.--SE1/4SW1/4 SEC. 36-15-57 W. near Kimball

GAGE.--Continuous stage recorder and 3 ft. rectangular weir notch in sheet pile cutoff wall

PERIOD OF RECORD.--Continuous record 1981 - 1992, 1993 - present, partial year record.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06
2	---	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06
3	---	---	---	---	---	---	---	0.01	0.00	0.06	0.06	0.06
4	---	---	---	---	---	---	---	0.00	0.00	0.06	0.06	0.06
5	---	---	---	---	---	---	---	0.06	0.04	0.06	0.06	0.06
6	---	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06
7	---	---	---	---	---	---	---	0.06	0.07	0.06	0.06	0.06
8	---	---	---	---	---	---	---	0.11	0.10	0.06	0.06	0.06
9	---	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.07
10	---	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06
11	---	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06
12	---	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06
13	---	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06
14	---	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06
15	---	---	---	---	---	---	---	0.06	0.08	0.06	0.06	0.06
16	---	---	---	---	---	---	---	0.06	0.16	0.06	0.06	0.06
17	---	---	---	---	---	---	---	0.06	0.07	0.06	0.06	0.06
18	---	---	---	---	---	---	---	0.06	0.06	0.65	0.06	0.06
19	---	---	---	---	---	---	0.06	0.06	0.06	0.17	0.06	0.06
20	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06	0.06
21	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06	0.06
22	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06	0.06
23	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06	0.06
24	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06	0.06
25	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06	0.06
26	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06	0.06
27	---	---	---	---	---	---	0.06	0.06	0.06	0.06	0.06	0.06
28	---	---	---	---	---	---	0.06	0.06	0.10	0.06	0.06	0.06
29	---	---	---	---	---	---	0.06	0.06	0.18	0.06	0.60	0.06
30	---	---	---	---	---	---	0.06	0.06	0.09	0.06	0.60	0.06
31	---	---	---	---	---	---	---	0.06	---	0.06	0.06	---
TOTAL	0	0	0	0	0	0	0.72	1.8	2.03	2.56	2.94	1.81
MEAN	---	---	---	---	---	---	0.060	0.058	0.067	0.083	0.095	0.060
MAX	---	---	---	---	---	---	0.06	0.11	0.18	0.65	0.60	0.07
MIN	---	---	---	---	---	---	0.06	0.00	0.00	0.06	0.06	0.06
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1.4	3.6	4.0	5.1	5.8	3.6

CAL YEAR 2005	TOTAL	18	MEAN	0.12	MAX	0.36	MIN	0.000	AC-FT	35
WTR YEAR 2006	TOTAL	12	MEAN	0.072	MAX	0.65	MIN	0.000	AC-FT	24

SOUTH PLATTE RIVER BASIN

LODGEPOLE CREEK at Ralton, 06763500

LOCATION.--NE1/4NW1/4 Sec. 12-12-45 W., Deuel County, Lat. 41° 02' 01", Long. 102° 24' 18", on right bank 2.1 miles upstream of the CO-NE State line on Nebraska Highway 23, 5.5 miles southeast of Chappell, NE on Nebraska Highway 23.

DRAINAGE AREA.--Approximately 3,307 square miles.

GAGE.--Continuous stage recorder. Datum of gage is 3,590 feet, from topographic map.

PERIOD OF RECORD.--March to September 1931, June 1951 to September 1979 (discontinued), October 2001 - present.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1979. Records of discharge are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 4,560 cubic feet per second August 15, 1968, gage height 6.49 feet from rating curve extended above 1,200 cubic feet per second on basis of slope-area measurement of peak flow; minimum daily discharge of no flow many years since 1931.

EXTREMES FOR CURRENT YEAR.--Zero discharge all year.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CAL YEAR 2005	TOTAL		0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT		0.00
WTR YEAR 2006	TOTAL		0	MEAN	0.000	MAX	0.000	MIN	0.000	AC-FT		0.00

SOUTH PLATTE RIVER BASIN

WESTERN CANAL from South Platte River, 00147000

LOCATION.--NE1/4NW1/4 Sec. 13-12-43 W. near Julesburg, CO

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14	---	---	---	---	---	---	38	22	20	55e	95
2	21	---	---	---	---	---	---	42	20	20	54e	22
3	32	---	---	---	---	---	---	37	18	22	52e	33
4	32	---	---	---	---	---	---	31	15	26	50e	33
5	13	---	---	---	---	---	---	28	13	28	48e	17
6	5.4	---	---	---	---	---	---	27	11	30	47e	7.5
7	5.0	---	---	---	---	---	---	23	11	30	45e	9.3
8	3.8	---	---	---	---	---	---	21	10	57	43e	10
9	5.3	---	---	---	---	---	---	19	12	131	42e	13
10	29	---	---	---	---	---	---	27	17	128	40e	23
11	35	---	---	---	---	---	---	39	21	69	38e	23
12	26	---	---	---	---	---	0.00	36	15	66	36e	23
13	18	---	---	---	---	---	0.00	36	10	65	34e	20
14	13	---	---	---	---	---	0.00	34	12	66	32e	20
15	5.1	---	---	---	---	---	0.00	33	14	66	29e	24
16	4.9	---	---	---	---	---	0.00	30	23	67	27e	26
17	0.00	---	---	---	---	---	0.00	32	52	69	25e	30
18	0.00	---	---	---	---	---	0.00	29	62	70	23e	30
19	11	---	---	---	---	---	0.00	24	30	70	21e	33
20	8.4	---	---	---	---	---	0.00	26	48	79	19e	37
21	3.8	---	---	---	---	---	0.00	20	77	141	16e	38
22	0.40	---	---	---	---	---	58	20	85	140	14e	38
23	0.00	---	---	---	---	---	48	27	94	140	12e	39
24	0.00	---	---	---	---	---	45	24	100	118	14e	38
25	0.00	---	---	---	---	---	55	30	97	39	33e	38
26	0.00	---	---	---	---	---	60	10.0	50	40	54e	37
27	---	---	---	---	---	---	47	10	22	65e	75e	37
28	---	---	---	---	---	---	45	9.3	21	62e	96e	36
29	---	---	---	---	---	---	45	12	18	61e	114e	38
30	---	---	---	---	---	---	44	17	19	59e	114	38
31	---	---	---	---	---	---	---	18	---	57e	114	---
TOTAL	286.1	0	0	0	0	0	447	809.3	1019	2101	1416	905.8
MEAN	11.0	---	---	---	---	---	23.5	26.1	34.0	67.8	45.7	30.2
MAX	35	---	---	---	---	---	60	42	100	141	114	95
MIN	0.00	---	---	---	---	---	0.00	9.3	10	20	12	7.5
AC-FT	567	0.00	0.00	0.00	0.00	0.00	887	1605	2021	4167	2809	1797
CAL YEAR 2005	MAX	129.0	MIN	0.000	AC-FT	18330						
WTR YEAR 2006	MAX	141.0	MIN	0.000	AC-FT	13850						

e indicates estimated discharge.

SOUTH PLATTE RIVER BASIN

SOUTH PLATTE RIVER at North Platte, 06765500

LOCATION.--NE1/4NE1/4 Sec. 8-13-30 W., Lincoln County, Lat. 41° 07' 05", Long. 100° 46' 22", on left bank 0.5 mile upstream of bridge on U.S. Highway 83, 5.5 miles upstream from confluence with North Platte River.

DRAINAGE AREA.--Approximately 24,300 square miles.

GAGE.--Continuous stage recorder. Datum of gage is 2,787.73 feet above mean sea level of datum established by City of North Platte Engineer in 1928.

PERIOD OF RECORD.--May 1917 - present, periodic record June 1897 - September 1915. Monthly discharge only for some periods published by USGS in WSP 1310.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 37,100 cubic feet per second observed June 3, 1935, gage height 14.02 feet; minimum daily discharge 35 cubic feet per second January 4, 1949.

EXTREMES FOR CURRENT YEAR.--Peak discharge 358 cubic feet per second June 17, gage height 5.51 feet; maximum gage height 6.63 feet due to backwater from ice; minimum daily discharge 74 cubic feet per second July 22.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	94	146	117	225	141	171	217	166	123	103	97	140
2	91	147	115	226	143	157	209	160	119	103	95	144
3	96	147	108	222	144	150	198	157	114	100	90	141
4	103	147	106	221	143	150	200	157	114	101	86	135
5	115	149	107	218	145	155	210	160	155	104	93	111
6	119	148	102	217	149	154	222	167	148	99	86	104
7	129	149	107e	214	146	160	243	160	135	96	86	110
8	133	148	113e	207	144	170	237	157	114	135	93	118
9	137	144	118e	180	144	167	236	154	111	133	98	139
10	147	141	123e	167	142	162	204	151	121	136	80	146
11	165	140	128e	161	138	160	190	151	142	140	77	136
12	173	137	134	158	138	160	187	153	142	132	82	126
13	188	134	120	156	135	161	186	151	134	123	126	118
14	204	133	115	155	138	161	183	147	117	114	114	116
15	204	135	115	155	147	164	182	141	106	113	104	113
16	204	131	115	153	146	165	183	138	111	102	109	113
17	203	135	121	149	147e	164	177	136	218	99	114	106
18	200	138	129	152	149e	168	174	134	180	92	109	110
19	192	138	138	152	150e	182	169	135	156	86	99	110
20	189	135	138	150	151e	188	166	131	151	76	99	111
21	184	134	142	149	153e	185	164	123	145	84	99	152
22	178	130	148	149	154	177	167	119	142	74	105	151
23	170	128	161	152	152	193	169	131	149	84	96	108
24	165	128	174	152	159	198	198	129	163	85	92	97
25	160	126	183	155	163	204	182	126	140	88	89	93
26	159	126	198	155	163	214	167	120	129	98	100	93
27	158	131	212	149	181	221	169	121	121	109	123	92
28	158	131	223	147	189	224	182	116	122	93	161	88
29	156	120	233	143	---	229	183	115	113	97	151	91
30	153	122	233	140	---	231	181	119	105	100	155	91
31	148	---	225	140	---	223	---	121	---	99	148	---
TOTAL	4875	4098	4501	5269	4194	5568	5735	4346	4040	3198	3256	3503
MEAN	157.3	136.5	145.2	170.0	149.8	179.6	191.1	140.2	134.7	103.1	105.0	116.8
MAX	204	149	233	226	189	231	243	167	218	140	161	152
MIN	91	120	102	140	135	150	164	115	105	74	77	88
AC-FT	9669	8128	8928	10450	8319	11040	11380	8620	8013	6343	6458	6948
CAL YEAR 2005	TOTAL		67713	MEAN	185.5	MAX	1570	MIN	87.0	AC-FT	134300	
WTR YEAR 2006	TOTAL		52583	MEAN	144.1	MAX	243.0	MIN	74.0	AC-FT	104300	

e indicates estimated discharge.

PLATTE RIVER BASIN

TRI-COUNTY CANAL from Platte River, 00142000

LOCATION.--NWL/4 Sec. 28-13-29 W. near North Platte

GAGE.--Continuous stage recorder and 30 ft. modified Parshall flume

PERIOD OF RECORD.--1941 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	320	475	475	594	500	550	572	465	1140	2300	2250	325
2	320	465	411	632	505	540	564	450	1120	2270	2260	325
3	325	475	423	550	500	530	553	430	1120	2250	2250	325
4	330	485	450	675	505	540	549	425	1130	2280	2240	325
5	345	510	450	640	510	550	550	420	1250	2280	2240	300
6	360	485	360	600	515	560	570	425	1220	2270	2200	315
7	365	490	330	580	505	560	743	425	1170	2270	2110	375
8	375	500	330	575	495	575	739	415	1150	2280	1800	400
9	385	420	330	560	492	570	645	405	1090	2270	1460	425
10	390	410	430	535	485	565	610	380	1090	2260	1130	475
11	460	405	500	550	430	560	598	365	1090	2260	1180	460
12	490	400	488	510	440	560	575	360	1380	2260	1030	440
13	490	395	495	510	542	550	550	355	1350	2270	1510	405
14	490	400	500	504	490	550	540	350	1520	2260	1650	380
15	495	390	490	495	480	550	540	410	1720	2100	1420	375
16	490	410	490	500	490	570	540	460	1780	1890	1220	375
17	490	390	475	515	375	580	550	560	1870	1790	1120	360
18	490	385	450	495	300	590	530	565	1730	1960	864	360
19	540	385	480	500	340	600	520	550	1590	1640	761	350
20	490	410	480	500	450	615	515	700	1390	2270	845	350
21	510	410	500	500	510	640	510	715	1340	2280	747	435
22	520	400	515	500	505	660	505	705	1310	2270	935	615
23	500	400	512	510	541	670	500	875	1300	2260	1080	539
24	480	400	628	500	575	650	560	975	1410	2260	1090	450
25	490	400	612	500	540	640	565	925	1340	2250	1070	393
26	490	405	636	515	509	650	535	922	1450	2240	1080	425
27	490	410	665	505	525	663	500	952	1680	2240	962	425
28	500	450	657	505	560	722	490	1080	1950	2250	940	425
29	500	270	631	500	---	699	480	1150	2060	2270	1050	430
30	505	400	636	495	---	651	475	1140	2270	2270	760	435
31	485	---	612	490	---	638	---	1140	---	2260	510	---
TOTAL	13910	12630	15441	16540	13614	18548	16673	19494	43010	68280	41764	12017
MEAN	448.7	421.0	498.1	533.5	486.2	598.3	555.8	629.1	1432	2202	1347	400.6
MAX	540	510	665	675	575	722	743	1150	2270	2300	2260	615
MIN	320	270	330	490	300	530	475	350	1090	1640	510	300
AC-FT	27590	25050	30630	32810	27000	36790	33070	38670	85310	135400	82840	23840
CAL YEAR 2005	TOTAL		294411	MEAN	806.6	MAX	2300	MIN	270.0	AC-FT	584000	
WTR YEAR 2006	TOTAL		291921	MEAN	799.8	MAX	2300	MIN	270.0	AC-FT	579000	

PLATTE RIVER BASIN

JEFFREY RESERVOIR from Platte River, 00403700

LOCATION.--NEL/4NEL/4 Sec. 4-11-27 W. near Brady

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Normal maximum operating level	2759.0	6,349
Normal minimum operating level	2745.0	5,113

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5127	4662	4862	5072	5292	5347	5292	4962	5622	5237	5952	5292
2	5182	4612	4712	5127	5347	5347	5237	4862	5567	5017	5952	5127
3	5182	4512	4812	4862	5292	5347	5127	4912	5457	5072	6007	5072
4	5182	4662	4762	4862	5127	5292	5072	4762	5402	5402	6007	5182
5	5237	4762	4612	4812	5072	5292	4962	4662	5567	5677	5952	5237
6	5292	4662	4462	4662	5017	5292	5072	4762	5732	5787	5952	5237
7	5347	4662	4512	4662	5347	5237	5127	4762	5842	5787	6119	5457
8	5457	4612	4962	4662	5402	5182	5402	4762	5787	5842	5787	5347
9	5512	4662	4762	4612	5402	5127	5457	4712	5622	5787	5842	5512
10	5567	4812	4562	4862	5402	5182	5402	4662	5567	5897	5842	5457
11	5567	4862	4612	5072	5182	5182	5127	4662	5567	5732	5787	5402
12	5237	5017	4762	5127	5017	5237	4862	4712	5787	5952	5732	5237
13	4712	5072	4912	5182	5017	5182	4812	4762	5732	6062	6062	5182
14	4212	5072	4962	5237	5292	5182	4762	4662	5512	6062	5897	5072
15	4162	5072	5017	5237	5457	5127	4562	4412	5567	6062	5622	5072
16	4212	4962	4962	5292	5292	5127	4362	4662	5402	6007	5787	5017
17	4362	5017	4812	5292	5127	5127	4112	4862	5622	5787	5842	4962
18	4312	5017	4712	5292	5292	5127	4562	4962	5457	5787	5622	4962
19	4262	5017	4712	5237	5512	5292	4512	5072	5127	5897	5072	4962
20	3867	4962	4862	5182	5402	5347	4462	5347	4962	5897	4562	4962
21	3534	5072	4862	5127	5457	5292	4462	5292	4962	5897	3772	5127
22	3344	5072	4912	5017	5402	5347	4712	5402	5017	5952	3154	5127
23	3202	5072	5072	4962	5402	5457	5017	5292	5292	5897	3012	5182
24	4312	5017	5237	4962	5512	5292	5017	5402	5402	5897	2967	5292
25	5182	4962	5347	4962	5512	5127	5127	5402	5567	5897	3297	4862
26	5072	4912	5182	5017	5347	5182	5182	5402	5732	5897	3629	4862
27	4962	4962	5072	5072	5182	5292	5127	5347	5787	5842	3724	4962
28	4862	4912	5072	5127	5292	5457	5127	5402	5732	5842	4112	4912
29	4912	4762	5072	5237	---	5512	5127	5457	5677	5842	5017	4762
30	4962	4912	5127	5237	---	5512	5017	5402	5512	5787	5457	4812
31	4862	---	5127	5292	---	5347	---	5457	---	5897	5732	---
MEAN	4748	4878	4885	5044	5300	5271	4940	5006	5519	5787	5138	5122
MAX	5567	5072	5347	5292	5512	5512	5457	5457	5842	6062	6119	5512
MIN	3202	4512	4462	4612	5017	5127	4112	4412	4962	5017	2967	4762
CAL YEAR 2005	MEAN	5050	MAX	5952	MIN	3202						
WTR YEAR 2006	MEAN	5135	MAX	6119	MIN	2967						

PLATTE RIVER BASIN

JEFFREY POWER RETURN to Platte River, 00143000

LOCATION.--NE1/4SE1/4 Sec. 36-12-27 W. near Brady

GAGE.--Continuous stage recorder and 20 ft. Parshall flume

PERIOD OF RECORD.--1941 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65	428	1030	555	221
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88	428	1060	545	162
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99	424	782	517	208
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104	424	666	544	223
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	104	424	747	662	228
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96	408	714	751	221
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101	385	652	845	182
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	99	424	588	799	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101	460	535	772	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	17	99	456	332	796	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	23	102	433	292	795	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102	432	399	815	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98	479	625	764	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	157	460	784	737	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	176	498	835	715	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208	492	874	726	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	249	450	923	692	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	14	273	394	914	701	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	23	278	397	924	711	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	273	427	742	719	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	275	484	824	734	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	290	486	712	782	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	320	486	548	802	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	356	485	529	773	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	378	556	583	662	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	372	645	640	624	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376	717	706	652	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376	812	737	519	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	375	908	793	409	0.00
30	0.00	0.00	0.00	0.00	---	0.00	16	416	944	741	335	0.00
31	0.00	---	0.00	0.00	---	0.00	---	427	---	669	330	---
TOTAL	0	0	0	0	0	0	93	6833	15246	21900	20783	1445
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	3.1	220.4	508.2	706.4	670.4	48.2
MAX	0.00	0.00	0.00	0.00	0.00	0.00	23	427	944	1060	845	228
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65	385	292	330	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	184	13550	30240	43440	41220	2866
CAL YEAR 2005	TOTAL	60848	MEAN	166.7	MAX	1130	MIN	0.000	AC-FT	120700		
WTR YEAR 2006	TOTAL	66300	MEAN	181.6	MAX	1060	MIN	0.000	AC-FT	131500		

PLATTE RIVER BASIN

ELWOOD RESERVOIR from Platte River, 00403300

LOCATION.--NW1/4NW1/4 Sec. 33-8-22 W. near Elwood

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1978 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.
 Published storage values before 1984 were for storage above the minimum operating level.
 Add 13,085 acre-feet to values listed in pre-1984 reports before comparing to values in
 this report.

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Top of flood pool	2613.0	45,037
Top of conservation pool	2607.0	37,800
Minimum normal operating level	2576.3	12,100
Top of dead storage pool	2568.8	8,295

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8752	8028	7395	6785	8250	10110	9224	8340	7479	6745	5984	5948
2	8706	8028	7395	6745	8522	10060	9176	8295	7479	6706	5984	5948
3	8706	7984	7353	6745	8752	10060	9176	8250	7437	6706	5984	5911
4	8660	7984	7353	6706	8986	10010	9129	8250	7395	6667	5984	5911
5	8660	7939	7310	6706	9224	10010	9129	8206	7395	6627	6021	5874
6	8614	7939	7310	6667	9466	9961	9082	8206	7353	6627	6021	5838
7	8614	7902	7268	6667	9662	9910	9034	8162	7353	6588	6021	5838
8	8568	7902	7268	6627	9961	9860	9034	8117	7310	6549	6094	5801
9	8568	7860	7226	6627	10210	9860	8986	8117	7268	6549	6313	5765
10	8522	7860	7226	6588	10470	9809	8939	8072	7268	6510	6470	5765
11	8522	7817	7184	6588	10680	9760	8939	8028	7226	6510	6470	5728
12	8476	7817	7184	6549	10840	9760	8892	8028	7184	6470	6431	5728
13	8476	7775	7141	6549	10730	9711	8844	7984	7184	6431	6392	5692
14	8430	7775	7141	6510	10730	9662	8844	7984	7141	6431	6392	5655
15	8430	7733	7099	6431	10630	9662	8798	7939	7141	6392	6352	5655
16	8384	7733	7099	6352	10580	9613	8752	7902	7099	6352	6313	5619
17	8384	7691	7060	6276	10580	9564	8752	7902	7060	6352	6313	5582
18	8340	7691	7060	6203	10520	9515	8706	7860	7060	6313	6276	5582
19	8340	7648	7020	6130	10470	9515	8660	7817	7020	6313	6276	5548
20	8295	7648	7020	6057	10420	9564	8660	7817	6981	6276	6240	5548
21	8295	7606	6981	5984	10420	9515	8614	7775	6981	6240	6203	5515
22	8250	7606	6981	5911	10370	9466	8568	7775	6942	6240	6203	5481
23	8250	7564	6942	5874	10320	9417	8568	7733	6942	6203	6167	5481
24	8206	7564	6942	5948	10260	9417	8522	7691	6903	6167	6130	5447
25	8206	7522	6903	6240	10260	9417	8476	7691	6903	6167	6130	5413
26	8162	7522	6903	6510	10210	9368	8476	7648	6863	6130	6094	5413
27	8162	7479	6863	6824	10160	9368	8430	7606	6824	6130	6094	5380
28	8117	7479	6863	7141	10160	9319	8384	7606	6824	6094	6057	5380
29	8117	7437	6824	7437	---	9272	8384	7564	6785	6057	6021	5346
30	8072	7437	6824	7733	---	9272	8340	7564	6745	6057	6021	5312
31	8072	---	6785	7984	---	9224	---	7522	---	6021	5984	---
MEAN	8399	7732	7094	6584	10070	9646	8784	7918	7118	6375	6175	5637
MAX	8752	8028	7395	7984	10840	10110	9224	8340	7479	6745	6470	5948
MIN	8072	7437	6785	5874	8250	9224	8340	7522	6745	6021	5984	5312
CAL YEAR 2005	MEAN	8519	MAX	11820	MIN	6745	AC-FT	6168000				
WTR YEAR 2006	MEAN	7611	MAX	10840	MIN	5312	AC-FT	5510000				

PLATTE RIVER BASIN

JOHNSON RESERVOIR from Platte River, 00403800

LOCATION.--SW1/4NE1/4 Sec. 4-8-22 W. near Lexington

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1977 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

	STORAGE LEVEL			ELEVATION (feet)			CONTENT (acre-feet)					
Operating level				2620.0			46,935					
Minimum operating level				2590.9			0					
STORAGE (ACFT), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	39350	37940	41000	40530	38410	40530	36140	39120	41000	38880	41000	29390
2	39350	39120	39590	40290	38880	39590	37240	39120	41230	39120	41940	29190
3	38880	40530	38410	39120	38410	37940	37940	39120	41000	39590	41940	28990
4	39120	39820	39590	39590	38410	37470	38880	38880	41470	39590	42190	28990
5	39350	39350	38650	40060	39120	38180	39590	39120	41700	39350	43190	28990
6	39590	40060	39350	40060	38650	37470	39120	38880	41700	39120	43440	28600
7	39350	39590	38410	39350	38880	38180	39120	38880	41230	39120	43690	28410
8	39120	39350	38880	40290	38880	37470	37940	38880	41230	39350	43940	28410
9	39590	39820	39350	39350	39350	38410	38410	38650	40290	40530	43940	29390
10	39120	40530	39590	38650	39120	38410	37940	39120	40530	41700	43440	29790
11	40290	39820	40060	39590	38650	38650	37470	38880	39350	43440	42690	30590
12	41470	40060	39120	39350	38650	39350	37710	38650	40060	43940	41230	31200
13	41000	40530	39820	38410	39120	38180	38180	38650	38180	43940	40530	31610
14	39590	40530	39590	38410	40060	39350	39120	38650	39590	43940	40060	32220
15	39120	40530	39820	39120	39120	38180	39820	38410	38880	43440	38880	32630
16	40060	41000	39350	38880	38880	37470	40290	38180	40760	42440	38880	33060
17	39590	41700	39590	38880	37240	36580	40530	38180	40530	42440	37710	33280
18	39590	41470	40530	38880	37940	37710	41000	38180	42690	41000	37020	33500
19	40760	41230	40290	38880	38180	38650	39350	37940	42940	39120	36800	33720
20	41700	41940	38650	38180	37470	38880	39120	37710	43440	39350	35920	33940
21	41700	42690	39350	39120	37470	37470	39120	37710	43690	39350	35480	34820
22	41940	41700	38410	39820	38180	38410	38650	38180	43690	39120	34600	35260
23	41470	40060	38410	39120	38880	37470	37940	38650	42690	39820	33720	36140
24	41700	39350	38410	38880	38180	37470	38180	39120	41470	39820	32840	37020
25	41000	40060	39120	39120	37710	37020	37940	39820	41000	41000	32020	38180
26	40290	39590	38410	38650	38410	37940	38180	40290	40060	40290	31200	39590
27	39820	40060	39820	38880	39350	37710	37940	40760	40060	41000	29790	40760
28	38180	39590	39820	39350	40290	37240	38650	41230	39350	40760	29190	39820
29	37020	40060	40530	39350	---	36360	38650	41940	39350	40060	29390	40760
30	37020	40530	40530	38650	---	35480	38650	41230	38650	40760	29190	41000
31	37470	---	39350	38880	---	35040	---	41470	---	40760	29390	---
MEAN	39790	40280	39410	39210	38640	37880	38620	39150	40920	40710	37580	33300
MAX	41940	42690	41000	40530	40290	40530	41000	41940	43690	43940	43940	41000
MIN	37020	37940	38410	38180	37240	35040	36140	37710	38180	38880	29190	28410
CAL YEAR 2005	MEAN	39620	MAX	43940	MIN	33940						
WTR YEAR 2006	MEAN	38800	MAX	43940	MIN	28410						

PLATTE RIVER BASIN

PHELPS COUNTY CANAL from Platte River via Tri-County Canal, 00122000

LOCATION.--NE1/4NE1/4 Sec. 11-8-21 W. near Overton

GAGE.--Continuous stage recorder and 30 ft. Parshall flume

PERIOD OF RECORD.--1947 - 1949, 1970 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	243	433	545	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	223	480	369	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220	444	326	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	223	424	379	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	212	519	427	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	244	581	415	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250	613	370	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	342	576	271	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	409	568	268	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	340	561	328	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	330	601	367	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	349	591	376	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.0	352	575	337	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	391	590	363	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	433	608	403	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	301	602	345	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	31	0.00	327	593	315	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	58	0.00	303	607	255	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	77	0.00	279	619	260	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	101	0.00	266	613	296	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	127	0.00	336	512	308	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	181	34	393	428	383	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	260	42	411	469	334	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	260	42	386	499	348	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	149	41	384	517	337	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	149	36	440	600	401	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	142	38	435	592	376	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	144	46	464	588	303	0.00
29	0.00	0.00	0.00	0.00	---	0.00	141	41	428	590	49	0.00
30	0.00	0.00	0.00	0.00	---	0.00	151	176	479	602	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	237	---	561	0.00	---
TOTAL	0	0	0	0	0	0	1971	736	10193	17156	9854	0
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	65.7	23.7	339.8	553.4	317.9	0.000
MAX	0.00	0.00	0.00	0.00	0.00	0.00	260	237	479	619	545	0.00
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	212	424	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	3909	1460	20220	34030	19550	0.00
CAL YEAR 2005	MAX	602.0	MIN	0.000	AC-FT	77820						
WTR YEAR 2006	MAX	619.0	MIN	0.000	AC-FT	79160						

PLATTE RIVER BASIN

JOHNSON POWER RETURN to Platte River, 00144000

LOCATION.--SEL/4NW1/4 Sec. 2-8-21 W. near Overton

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1941 - present

REMARKS.--Values furnished by Central Nebraska Public Power and Irrigation District.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	433	690	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	784	704	21	705	0.00	0.00	0.00	0.00	0.00	0.00
3	361	286	709	689	438	687	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	478	0.00	771	0.00	691	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	504	733	9.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	691	489	710	699	0.00	0.00	0.00	0.00	0.00
7	348	484	551	694	0.00	0.00	698	0.00	0.00	0.00	0.00	0.00
8	0.00	499	16	0.00	0.00	687	682	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	694	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	366	0.00	0.00	730	554	727	686	0.00	0.00	0.00	0.00	0.00
11	0.00	692	0.00	0.00	0.00	0.00	0.00	3.0	0.00	0.00	0.00	0.00
12	0.00	0.00	703	701	0.00	0.00	415	0.00	0.00	0.00	0.00	0.00
13	503	0.00	0.00	690	421	713	0.00	0.00	0.00	0.00	0.00	0.00
14	473	0.00	680	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	491	556	0.00	0.00	783	686	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	41	699	707	689	683	0.00	0.00	0.00	0.00	0.00	0.00
17	463	0.00	0.00	0.00	722	690	336	0.00	0.00	0.00	0.00	0.00
18	342	693	0.00	690	0.00	0.00	298	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	699	0.00	0.00	0.00	200	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	706	697	694	698	174	0.00	0.00	0.00	0.00	0.00
21	495	336	0.00	0.00	0.00	683	150	0.00	0.00	0.00	0.00	0.00
22	416	888	687	0.00	0.00	0.00	29	0.00	0.00	0.00	0.00	0.00
23	418	1460	690	713	0.00	714	0.00	0.00	0.00	0.00	0.00	0.00
24	352	0.00	0.00	0.00	718	691	0.00	0.00	0.00	0.00	0.00	0.00
25	355	0.00	0.00	0.00	695	690	0.00	0.00	0.00	0.00	0.00	0.00
26	483	781	714	427	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	669	0.00	0.00	0.00	0.00	706	0.00	0.00	0.00	0.00	0.00	0.00
28	618	771	685	0.00	0.00	687	0.00	0.00	0.00	0.00	0.00	503
29	810	0.00	0.00	0.00	---	697	0.00	0.00	22	0.00	0.00	0.00
30	743	0.00	702	466	---	682	0.00	0.00	0.00	0.00	0.00	490
31	0.00	---	713	0.00	---	699	---	0.00	---	0.00	0.00	---
TOTAL	8706	8469	10471	10073	6657	14616	4367	3	22	0	0	993
MEAN	280.8	282.2	337.8	324.9	237.8	471.5	145.6	0.097	0.73	0.000	0.000	33.1
MAX	810	1460	784	771	783	727	699	3.0	22	0.00	0.00	503
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	17270	16800	20770	19980	13200	28990	8662	6.0	44	0.00	0.00	1970
CAL YEAR 2005	TOTAL		87039	MEAN	238.5	MAX	1460	MIN	0.000	AC-FT	172600	
WTR YEAR 2006	TOTAL		64377	MEAN	176.4	MAX	1460	MIN	0.000	AC-FT	127700	

PLATTE RIVER BASIN

PLATTE RIVER near Maxwell, 00228500

LOCATION.--SW1/4SW1/4 Sec. 28-13-28 W. at Maxwell, Lincoln County, Lat. 41° 03' 42", Long. 100° 31' 30", on right bank 20 feet upstream of the Nebraska Highway 330 bridge over the Platte River 1 mile south of Maxwell, Nebraska.

DRAINAGE AREA.--Not determined.

GAGE.--Continuous stage recorder. Elevation of gage approximately 2,695 feet from topographic map.

PERIOD OF RECORD.--2000 to present

REMARKS.--Records are good, except estimated records are poor. Operation of gage started in May, 1999. This station replaces the Platte River below the Tri-County Diversion Dam gage operated through water year 1999.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,120 cubic feet per second July 19, gage height 6.34 feet; minimum daily discharge 2.7 cubic feet per second June 30.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	38	45	41e	55	53	54	70	50	26	31	507	38
2	38	45	42e	56	52	53	70	49	26	239	580	34
3	36	44	42e	57	55	51	63	47	27	431	538	33
4	38	43	42e	57	54	50	58	45	27	395	404	33
5	46	42	42e	55	52	53	58	44	31	456	184	33
6	43	42	42e	54	52	51	62	46	31	546	77	32
7	41	44	42e	54	52	51	82	47	29	613	40	31
8	38	45	42e	53	53	50	78	48	27	695	48	32
9	38	43	42e	52	53	49	82	47	26	869	36	44
10	40	43	42e	51	51	49	81	45	25	970	34	49
11	46	45	43e	52	47	49	76	43	27	964	34	42
12	48	45	43e	52	52	49	70	42	26	697	34	41
13	47	46	43e	52	48	47	66	41	25	259	54	39
14	43	44	44e	52	51	46	63	39	24	139	43	38
15	40	46	44e	53	51	47	61	38	21	107	42	36
16	40	38	45e	53	49	49	62	37	34	72	41	35
17	39	38	45e	52	50e	45	59	35	68	62	41	32
18	41	39	45e	51	55e	47	58	33	98	54	40	32
19	43	41	46e	52	60e	51	66	31	58	287	38	32
20	46	40	46e	52	65e	49	64	29	50	222	38	31
21	44	40	48e	53	75e	39	54	28	44	336	37	47
22	43	40e	48e	52	65e	54	54	27	37	610	36	59
23	41	40e	50e	51	55e	62	61	30	32	656	39	51
24	41	40e	52	51	48	71	75	28	34	526	37	48
25	43	40e	53	51	51	76	67	26	23	420	36	46
26	44	40e	55	59	48	76	65	25	19	343	36	45
27	43	41e	54	59	55	85	64	26	16	289	41	44
28	43	41e	54	57	55	93	61	25	12	233	46	42
29	45	41e	55	57	---	94	56	24	6.8	280	44	41
30	45	41e	54	57	---	88	53	24	2.7	417	44	39
31	44	---	54	53	---	80	---	25	---	477	44	---
TOTAL	1305	1262	1440	1665	1507	1808	1959	1124	932.5	12695	3293	1179
MEAN	42.0	42.0	46.5	53.7	53.8	58.3	65.3	36.3	31.1	409.5	106.2	39.3
MAX	48	46	55	59	75	94	82	50	98	970	580	59
MIN	36	38	41	51	47	39	53	24	2.7	31	34	31
AC-FT	2588	2503	2856	3302	2989	3586	3886	2229	1850	25180	6532	2339
CAL YEAR 2005	TOTAL		27369	MEAN	75.0	MAX	685.0	MIN	33.0	AC-FT	54290	
WTR YEAR 2006	TOTAL		30170	MEAN	82.7	MAX	970.0	MIN	2.7	AC-FT	59840	

e indicates estimated discharge.

PLATTE RIVER BASIN

PLATE RIVER at Brady, 06766000

LOCATION.--North channel gage (no. 1): SW1/4SW1/4 Sec. 11-12-27 W., Lat. 41° 01' 10", Long. 100° 22' 16", on left bank 15 feet downstream from bridge, and 0.5 mile south of Brady; South channel gage (no. 4): SW1/4SW1/4 Sec. 23-12-27 W., on left bank 15 feet downstream from bridge, and 2.5 miles south of Brady.

DRAINAGE AREA.--Approximately 56,200 square miles.

GAGE.--Continuous stage recorders on north channel (no. 1) and south channel (no. 4). Channel no. 1 gage datum is 2,638.19 feet above sea level and channel no. 4 gage datum is 2,640.66 feet above sea level.

PERIOD OF RECORD.--Irrigation season 1932, 1937 - 1938, Apr. 1939 - present (Monthly discharges only for some periods)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 23,500 cubic feet per second June 29, 1983; no flow August 22-24, 1941.

EXTREMES FOR CURRENT YEAR.--Peak discharge 973 cubic feet per second July 11, combined channel flow; minimum daily discharge 28 cubic feet per second on June 15, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	54	73	77	117	111	119	151	98	42	35	573	46
2	53	74	86	131	106	119	140	96	40	62	606	44
3	53	74	88	131	103	117	134	92	38	240	698	45
4	53	73	84	129	102	117	124	90	36	439	669	41
5	58	73	79	125	101	116	122	91	37	462	362	42
6	60	72	75	120	101	115	122	93	38	535	146	38
7	61	73	89	119	101	114	140	93	34	599	90	37
8	62	74	86	119	102	112	144	92	35	618	89	39
9	61	73	93	115	102	111	150	90	31	741	74	42
10	63	72	102	111	99	110	146	87	30	898	65	56
11	73	73	111	114	83	109	137	86	33	938	59	53
12	78	74	102	114	98	106	129	84	33	826	53	56
13	75	74	104	111	113	105	122	82	31	440	80	49
14	73	74	107	111	111	102	117	79	29	149	66	47
15	70	74	103	114	108	104	113	76	28	103	61	44
16	70	72	92	113	91	103	111	73	32	63	58	43
17	71	74	90	106	82	100	107	70	59	46	58	40
18	71	74	87	108	87	101	104	67	79	38	56	40
19	72	77	94	109	107	112	102	63	83	35	53	42
20	75	76	101	107	115	101	106	59	70	233	51	41
21	74	75	106	103	119	115	97	56	64	146	49	50
22	74	75	111	103	126	128	94	53	62	326	46	75
23	73	77	120	103	136	126	92	53	62	595	45	71
24	73	76	126	106	123	141	107	52	68	582	44	71
25	73	76	123	107	108	148	110	50	61	450	42	67
26	74	76	123	111	106	154	108	49	57	374	44	65
27	74	80	120	113	113	173	109	48	55	267	46	62
28	74	65	120	114	116	204	107	46	49	204	55	62
29	74	73	120	112	---	210	103	44	42	170	52	62
30	74	90	118	113	---	188	101	44	38	272	50	63
31	73	---	115	116	---	167	---	45	---	408	47	---
TOTAL	2116	2236	3152	3525	2970	3947	3549	2201	1396	11294	4487	1533
MEAN	68.2	74.4	101.6	113.7	106.0	127.2	118.3	70.9	46.4	364.3	144.8	51.1
MAX	78	90	126	131	136	210	151	98	83	938	698	75
MIN	53	65	75	103	82	100	92	44	28	35	42	37
AC-FT	4197	4435	6252	6992	5891	7829	7039	4366	2769	22400	8900	3041
CAL YEAR 2005	TOTAL		49164	MEAN	134.7	MAX	1010	MIN	53.0	AC-FT	97520	
WTR YEAR 2006	TOTAL		42406	MEAN	116.2	MAX	938.0	MIN	28.0	AC-FT	84110	

PLATTE RIVER BASIN

THIRTY MILE CANAL from Platte River, 00141000

LOCATION.--NW1/4NW1/4 Sec. 30-12-26 W. near Brady

GAGE.--Continuous stage recorder and 20 ft. Parshall flume

PERIOD OF RECORD.--1928 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	78	188	171	0.00
2	---	---	---	---	---	---	---	0.00	78	192	169	0.00
3	---	---	---	---	---	---	---	0.00	78	192	171	0.00
4	---	---	---	---	---	---	---	0.00	78	192	171	0.00
5	---	---	---	---	---	---	---	0.00	78	195	171	0.00
6	---	---	---	---	---	---	---	0.00	78	195	172	0.00
7	---	---	---	---	---	---	---	0.00	78	195	173	0.00
8	---	---	---	---	---	---	---	0.00	78	196	173	---
9	---	---	---	---	---	---	---	0.00	77	196	169	---
10	---	---	---	---	---	---	---	0.00	78	194	168	---
11	---	---	---	---	---	---	0.00	0.00	79	191	167	---
12	---	---	---	---	---	---	0.00	0.00	79	194	167	---
13	---	---	---	---	---	---	0.00	0.00	93	196	163	---
14	---	---	---	---	---	---	0.00	47	102	196	157	---
15	---	---	---	---	---	---	0.00	73	99	196	149	---
16	---	---	---	---	---	---	0.00	73	100	196	145	---
17	---	---	---	---	---	---	0.00	73	101	197	129	---
18	---	---	---	---	---	---	0.00	73	101	197	129	---
19	---	---	---	---	---	---	0.00	74	100	197	129	---
20	---	---	---	---	---	---	0.00	74	100	192	132	---
21	---	---	---	---	---	---	0.00	77	101	190	134	---
22	---	---	---	---	---	---	0.00	77	106	189	134	---
23	---	---	---	---	---	---	0.00	77	110	188	134	---
24	---	---	---	---	---	---	0.00	77	111	187	135	---
25	---	---	---	---	---	---	0.00	77	111	184	135	---
26	---	---	---	---	---	---	0.00	77	121	181	135	---
27	---	---	---	---	---	---	0.00	77	137	181	135	---
28	---	---	---	---	---	---	0.00	77	152	181	45	---
29	---	---	---	---	---	---	0.00	77	158	182	0.00	---
30	---	---	---	---	---	---	0.00	78	177	182	0.00	---
31	---	---	---	---	---	---	---	78	---	181	0.00	---
TOTAL	0	0	0	0	0	0	0	1336	3017	5913	4162	0
MEAN	---	---	---	---	---	---	0.000	43.1	100.6	190.7	134.3	0.000
MAX	---	---	---	---	---	---	0.00	78	177	197	173	0.00
MIN	---	---	---	---	---	---	0.00	0.00	77	181	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2650	5984	11730	8255	0.00
CAL YEAR 2005	MAX	191.0	MIN	0.000	AC-FT	26550						
WTR YEAR 2006	MAX	197.0	MIN	0.000	AC-FT	28620						

PLATTE RIVER BASIN

GOTHENBURG CANAL from Platte River, 00057000

LOCATION.--NW1/4SW1/4 Sec. 28-12-26 W. near Brady

GAGE.--Continuous stage recorder and 20 ft. Parshall flume

PERIOD OF RECORD.--1916, 1918 - 1919, 1921 - 1943, 1945 - present

REMARKS.--Published as Gothenburg Canal from Platte River for Power and Irrigation up to 1974.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	89	116	300	301	91
2	---	---	---	---	---	---	---	87	117	300	299	10
3	---	---	---	---	---	---	---	88	118	300	303	8.1
4	---	---	---	---	---	---	---	88	117	300	308	7.1
5	---	---	---	---	---	---	---	88	119	301	308	4.2
6	---	---	---	---	---	---	---	88	119	300	307	0.00
7	---	---	---	---	---	---	0.00	88	119	297	305	0.00
8	---	---	---	---	---	---	0.00	88	120	300	301	---
9	---	---	---	---	---	---	0.00	88	120	301	301	---
10	---	---	---	---	---	---	36	88	120	307	301	---
11	---	---	---	---	---	---	99	87	120	300	300	---
12	---	---	---	---	---	---	75	87	120	298	301	---
13	---	---	---	---	---	---	81	87	120	297	293	---
14	---	---	---	---	---	---	82	86	120	297	282	---
15	---	---	---	---	---	---	82	87	121	297	282	---
16	---	---	---	---	---	---	79	87	132	299	282	---
17	---	---	---	---	---	---	82	87	154	304	281	---
18	---	---	---	---	---	---	84	88	152	307	281	---
19	---	---	---	---	---	---	133	87	151	309	281	---
20	---	---	---	---	---	---	110	88	152	307	282	---
21	---	---	---	---	---	---	107	88	152	311	282	---
22	---	---	---	---	---	---	107	88	151	310	282	---
23	---	---	---	---	---	---	105	88	152	310	281	---
24	---	---	---	---	---	---	102	87	152	310	281	---
25	---	---	---	---	---	---	90	113	150	309	281	---
26	---	---	---	---	---	---	90	115	190	310	260	---
27	---	---	---	---	---	---	89	115	201	309	260	---
28	---	---	---	---	---	---	88	115	243	309	244	---
29	---	---	---	---	---	---	89	116	265	309	234	---
30	---	---	---	---	---	---	89	116	293	305	221	---
31	---	---	---	---	---	---	---	116	---	302	207	---
TOTAL	0	0	0	0	0	0	1899	2908	4476	9415	8732	120.4
MEAN	---	---	---	---	---	---	79.2	93.7	149.2	303.7	281.7	17.3
MAX	---	---	---	---	---	---	133	116	293	311	308	91
MIN	---	---	---	---	---	---	0.00	86	116	297	207	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	3767	5768	8878	18670	17320	239
CAL YEAR 2005	MAX	322.0	MIN	0.000	AC-FT	50040						
WTR YEAR 2006	MAX	311.0	MIN	0.000	AC-FT	54650						

P L A T T E R I V E R B A S I N

BUFFALO CREEK (B-1) RESERVOIR SUPPLY CANAL from Platte River, 00019500

LOCATION.--SW1/4NW1/4 Sec. 9-11-22 W. via Gothenburg Canal near Darr

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1983, 1985 - present

DISCHARGE (CFS), WATER YEAR 2006

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NO WATER WAS SUPPLIED IN 2006.

CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.000
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.000

PLATTE RIVER BASIN

SIX MILE CANAL from Platte River, 00134000

LOCATION.--SE1/4SE1/4 Sec. 11-11-26 W. near Gothenburg

GAGE.--Continuous stage recorder and 3 ft. Parshall flume

PERIOD OF RECORD.--1919, 1922 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	1.6	10	15	9.9	0.32
2	---	---	---	---	---	---	---	4.8	10	15	12	0.20
3	---	---	---	---	---	---	---	5.0	10	8.5	13	0.18
4	---	---	---	---	---	---	---	5.2	10	5.6	13	0.15
5	---	---	---	---	---	---	---	5.5	10	5.6	11	0.08
6	---	---	---	---	---	---	---	5.6	11	5.7	12	0.00
7	---	---	---	---	---	---	---	5.4	11	5.2	11	---
8	---	---	---	---	---	---	---	5.5	11	7.6	9.0	---
9	---	---	---	---	---	---	---	5.7	11	13	6.4	---
10	---	---	---	---	---	---	0.00	6.9	11	20	6.5	---
11	---	---	---	---	---	---	0.00	2.6	11	17	10	---
12	---	---	---	---	---	---	0.00	0.19	11	15	8.0	---
13	---	---	---	---	---	---	0.00	0.16	11	12	2.8	---
14	---	---	---	---	---	---	0.00	0.15	11	11	0.42	---
15	---	---	---	---	---	---	0.00	0.11	10	11	0.38	---
16	---	---	---	---	---	---	0.00	0.11	11	11	0.38	---
17	---	---	---	---	---	---	0.00	0.14	8.0	11	5.9	---
18	---	---	---	---	---	---	0.00	6.7	0.20	12	9.2	---
19	---	---	---	---	---	---	0.00	7.7	3.3	12	9.3	---
20	---	---	---	---	---	---	0.00	7.8	5.1	11	9.4	---
21	---	---	---	---	---	---	0.00	8.2	5.0	11	9.8	---
22	---	---	---	---	---	---	0.00	9.7	9.0	11	12	---
23	---	---	---	---	---	---	0.00	11	14	7.8	12	---
24	---	---	---	---	---	---	0.00	11	14	7.2	12	---
25	---	---	---	---	---	---	0.00	12	8.8	9.2	13	---
26	---	---	---	---	---	---	0.00	10	4.6	12	12	---
27	---	---	---	---	---	---	0.00	9.6	4.5	8.2	11	---
28	---	---	---	---	---	---	0.00	9.6	4.5	7.6	7.1	---
29	---	---	---	---	---	---	0.00	9.5	7.3	9.9	2.6	---
30	---	---	---	---	---	---	0.00	9.7	11	12	1.2	---
31	---	---	---	---	---	---	---	10	---	14	0.39	---
TOTAL	0	0	0	0	0	0	0	187.16	269.3	334.1	252.67	0.93
MEAN	---	---	---	---	---	---	0.000	6.0	8.9	10.8	8.2	0.16
MAX	---	---	---	---	---	---	0.00	12	14	20	13	0.32
MIN	---	---	---	---	---	---	0.00	0.11	0.20	5.2	0.38	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	371	534	663	501	1.8
CAL YEAR 2005	MAX	20.0	MIN	0.000	AC-FT	2169						
WTR YEAR 2006	MAX	20.0	MIN	0.000	AC-FT	2071						

PLATTE RIVER BASIN

COZAD CANAL from Platte River, 00033000

LOCATION.--SE1/4SW1/4 Sec. 15-11-25 W. near Gothenburg

GAGE.--Continuous stage recorder and 20 ft. Parshall flume

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	58	146	130	13
2	---	---	---	---	---	---	---	12	57	147	129	13
3	---	---	---	---	---	---	---	47	58	142	129	12
4	---	---	---	---	---	---	---	47	58	147	129	12
5	---	---	---	---	---	---	---	47	58	148	129	7.7
6	---	---	---	---	---	---	---	46	43	148	129	0.00
7	---	---	---	---	---	---	---	46	16	149	130	0.00
8	---	---	---	---	---	---	---	46	25	149	129	---
9	---	---	---	---	---	---	---	44	55	149	129	---
10	---	---	---	---	---	---	0.00	43	55	140	129	---
11	---	---	---	---	---	---	0.00	45	55	139	126	---
12	---	---	---	---	---	---	0.00	45	56	140	123	---
13	---	---	---	---	---	---	0.00	45	56	140	118	---
14	---	---	---	---	---	---	0.00	45	57	136	115	---
15	---	---	---	---	---	---	0.00	45	57	130	115	---
16	---	---	---	---	---	---	0.00	45	42	131	115	---
17	---	---	---	---	---	---	0.00	45	15	132	116	---
18	---	---	---	---	---	---	0.00	45	15	132	117	---
19	---	---	---	---	---	---	0.00	45	15	134	116	---
20	---	---	---	---	---	---	0.00	45	22	131	118	---
21	---	---	---	---	---	---	0.00	45	62	130	119	---
22	---	---	---	---	---	---	0.00	48	63	129	116	---
23	---	---	---	---	---	---	0.00	49	63	129	111	---
24	---	---	---	---	---	---	0.00	50	63	129	100	---
25	---	---	---	---	---	---	0.00	49	63	131	39	---
26	---	---	---	---	---	---	0.00	49	65	133	14	---
27	---	---	---	---	---	---	0.00	49	69	133	14	---
28	---	---	---	---	---	---	0.00	54	103	132	13	---
29	---	---	---	---	---	---	0.00	58	132	133	13	---
30	---	---	---	---	---	---	0.00	57	142	131	13	---
31	---	---	---	---	---	---	---	58	---	133	13	---
TOTAL	0	0	0	0	0	0	0	1394	1698	4253	3036	57.7
MEAN	---	---	---	---	---	---	0.000	45.0	56.5	137.2	97.9	8.3
MAX	---	---	---	---	---	---	0.00	58	142	149	130	13
MIN	---	---	---	---	---	---	0.00	0.00	15	129	13	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2765	3368	8436	6022	114
CAL YEAR 2005	MAX	134.0	MIN	0.000	AC-FT	19810						
WTR YEAR 2006	MAX	149.0	MIN	0.000	AC-FT	20700						

PLATTE RIVER BASIN

ORCHARD ALFALFA CANAL from Platte River, 00117000

LOCATION.--SW1/4SW1/4 Sec. 10-10-24 W. near Cozad

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	36	53	1.5
2	---	---	---	---	---	---	---	0.00	0.00	36	50	0.99
3	---	---	---	---	---	---	---	0.00	0.00	38	51	0.97
4	---	---	---	---	---	---	---	0.00	0.00	45	50	0.84
5	---	---	---	---	---	---	---	0.00	0.00	49	25	0.52
6	---	---	---	---	---	---	---	0.00	0.00	50	3.4	0.00
7	---	---	---	---	---	---	---	0.00	0.00	49	7.1	0.00
8	---	---	---	---	---	---	---	0.00	0.00	52	25	---
9	---	---	---	---	---	---	---	0.00	0.00	55	19	---
10	---	---	---	---	---	---	---	0.00	0.00	53	15	---
11	---	---	---	---	---	---	---	0.00	0.00	56	17	---
12	---	---	---	---	---	---	---	0.00	4.3	52	21	---
13	---	---	---	---	---	---	0.00	0.00	13	52	17	---
14	---	---	---	---	---	---	0.00	0.00	11	51	17	---
15	---	---	---	---	---	---	0.00	0.00	15	50	19	---
16	---	---	---	---	---	---	0.00	0.00	23	51	19	---
17	---	---	---	---	---	---	0.00	0.00	26	50	25	---
18	---	---	---	---	---	---	0.00	3.6	27	50	25	---
19	---	---	---	---	---	---	0.00	13	27	51	28	---
20	---	---	---	---	---	---	0.00	12	26	51	31	---
21	---	---	---	---	---	---	0.00	11	27	53	34	---
22	---	---	---	---	---	---	0.00	14	26	52	37	---
23	---	---	---	---	---	---	0.00	17	28	50	35	---
24	---	---	---	---	---	---	0.00	19	28	49	39	---
25	---	---	---	---	---	---	0.00	19	28	49	39	---
26	---	---	---	---	---	---	0.00	19	29	49	36	---
27	---	---	---	---	---	---	0.00	22	29	49	35	---
28	---	---	---	---	---	---	0.00	23	30	50	30	---
29	---	---	---	---	---	---	0.00	23	32	51	20	---
30	---	---	---	---	---	---	0.00	23	34	52	7.0	---
31	---	---	---	---	---	---	---	13	---	52	2.9	---
TOTAL	0	0	0	0	0	0	0	231.6	463.3	1533	832.4	4.82
MEAN	---	---	---	---	---	---	0.000	7.5	15.4	49.5	26.8	0.68
MAX	---	---	---	---	---	---	0.00	23	34	56	53	1.5
MIN	---	---	---	---	---	---	0.00	0.00	0.00	36	2.9	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	459	919	3041	1651	9.6
CAL YEAR 2005	MAX	46.0	MIN	0.000	AC-FT	5778						
WTR YEAR 2006	MAX	56.0	MIN	0.000	AC-FT	6080						

PLATTE RIVER BASIN

DAWSON COUNTY CANAL from Platte River, 00037000

LOCATION.--SW1/4SE1/4 Sec. 7-10-23 W. at Cozad

GAGE.--Continuous stage recorder and 25 ft. Parshall flume

PERIOD OF RECORD.--1918 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	78	200	374	425	259
2	---	---	---	---	---	---	---	80	203	402	425	246
3	---	---	---	---	---	---	---	81	205	409	426	232
4	---	---	---	---	---	---	---	85	201	348	423	255
5	---	---	---	---	---	---	---	91	201	381	423	263
6	---	---	---	---	---	---	---	93	205	416	419	258
7	---	---	---	---	---	---	---	92	202	422	420	254
8	---	---	---	---	---	---	---	94	200	425	411	87
9	---	---	---	---	---	---	---	92	199	426	402	0.00
10	---	---	---	---	---	---	0.00	89	201	424	399	0.00
11	---	---	---	---	---	---	0.00	88	201	421	399	0.00
12	---	---	---	---	---	---	0.00	88	198	424	391	0.00
13	---	---	---	---	---	---	0.00	88	185	422	370	0.00
14	---	---	---	---	---	---	0.00	83	200	415	351	0.00
15	---	---	---	---	---	---	0.00	81	215	417	352	0.00
16	---	---	---	---	---	---	0.00	74	223	417	352	---
17	---	---	---	---	---	---	1.3	80	223	417	353	---
18	---	---	---	---	---	---	64	93	222	418	351	---
19	---	---	---	---	---	---	116	105	221	418	351	---
20	---	---	---	---	---	---	105	118	222	419	350	---
21	---	---	---	---	---	---	88	116	223	412	341	---
22	---	---	---	---	---	---	83	113	226	421	336	---
23	---	---	---	---	---	---	78	110	226	421	352	---
24	---	---	---	---	---	---	80	119	227	421	354	---
25	---	---	---	---	---	---	84	150	227	422	352	---
26	---	---	---	---	---	---	88	164	256	423	349	---
27	---	---	---	---	---	---	86	165	297	423	342	---
28	---	---	---	---	---	---	81	158	309	423	340	---
29	---	---	---	---	---	---	81	149	327	422	307	---
30	---	---	---	---	---	---	79	153	374	423	289	---
31	---	---	---	---	---	---	---	181	---	424	263	---
TOTAL	0	0	0	0	0	0	1114.3	3351	6819	12850	11418	1854
MEAN	---	---	---	---	---	---	53.1	108.2	227.4	414.5	368.3	123.5
MAX	---	---	---	---	---	---	116	181	374	426	426	263
MIN	---	---	---	---	---	---	0.00	74	185	348	263	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	2210	6647	13530	25490	22650	3677
CAL YEAR 2005	MAX	423.0	MIN	0.000	AC-FT	69020						
WTR YEAR 2006	MAX	426.0	MIN	0.000	AC-FT	74190						

PLATTE RIVER BASIN

PLATTE RIVER near Cozad, 06766500

LOCATION.--North channel gage: SE1/4NW1/4 Sec. 18-10-23 W., Dawson County, Lat. 40° 50' 19", Long. 99° 59' 17", at left, downstream end of north bridge on State Highway 21, 1.4 mile south of Cozad; South channel gage: SW1/4SW1/4 Sec. 18-10-23 W., Lat. 40° 49' 58", Long. 99° 59' 31", at left, downstream end of south bridge on State Highway 21, 1.9 mile south of Cozad.

DRAINAGE AREA.--Approximately 56,200 square miles, approximately 51,700 square miles contributes to surface runoff.

GAGE.--Continuous stage recorders on north and south channel gages

PERIOD OF RECORD.--Irrigation season 1932, 1937 - 1938, Apr. 1939 - present (monthly discharges only for some periods).

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 21,500 cubic feet per second June 29, 1983, combined channel flow; flood of June 1935 estimated to have reached a discharge of 40,000 cubic feet per second; no flow at times in 1937-1940.

EXTREMES FOR CURRENT YEAR.--Peak discharge 884 cubic feet per second August 27, combined channel flow; minimum daily discharge 13 cubic feet per second May 10, 12, 16, 17, combined channel flow.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	86	111	167	171	164	171	247	15	56	18	64	24
2	86	111	180	178	169	159	258	15	44	28	36	22
3	86	112	157	185	166	165	231	15	26	39	27	20
4	87	110	135	180	162	171	226	14	23	24	25	19
5	89	113	132	173	157	176	221	14	26	29	47	71
6	89	118	120	166	155	169	216	14	30	20	38	43
7	92	120	138	167	148	168	198	14	35	17	37	65
8	90	117	133	162	147	167	180	14	28	17	82	195
9	88	114	144	161	142	163	169	14	32	22	57	176
10	92	111	138	160	139	159	197	13	46	90	44	171
11	107	109	134	166	124	155	183	14	50	60	39	158
12	114	115	141	177	126	153	217	13	37	36	28	144
13	105	116	148	176	155	157	182	14	28	50	113	131
14	96	116	155	177	169	159	183	14	31	36	96	119
15	93	111	153	176	163	167	180	14	30	40	84	110
16	97	107	153	173	143	169	171	13	28	38	71	106
17	103	115	137	174	140e	169	158	13	91	32	60	90
18	106	114	131	186	135e	169	97	16	95	29	34	84
19	107	115	135e	183	130e	183	29	27	54	24	30	75
20	133	116	135e	180	130	173	24	17	45	23	25	72
21	121	118	140e	176	131	157	22	16	29	58	24	78
22	115	119	142	171	145	236	21	15	25	64	23	92
23	113	126	160	166	177	218	20	14	21	74	38	94
24	116	127	178	177	205	207	20	20	39	79	38	95
25	115	130	184	182	188	218	19	20	24	47	40	100
26	111	133	201	186	171	224	17	16	40	40	30	103
27	109	141	207	184	173	244	17	17	24	45	144	103
28	113	145e	208	179	172	266	16	19	27	36	72	98
29	112	150e	199	169	---	288	16	22	45	23	69	97
30	115	153	198	159	---	300	16	27	37	42	36	93
31	115	---	179	159	---	265	---	55	---	31	24	---
TOTAL	3201	3613	4862	5379	4326	5945	3751	538	1146	1211	1575	2848
MEAN	103.3	120.4	156.8	173.5	154.5	191.8	125.1	17.4	38.2	39.2	50.8	94.9
MAX	133	153	208	186	205	300	258	55	95	90	144	195
MIN	86	107	120	159	124	153	16	13	21	17	23	19
AC-FT	6349	7166	9644	10670	8580	11790	7440	1067	2273	2402	3124	5649
CAL YEAR 2005 TOTAL			47578	MEAN	130.4	MAX	847.0	MIN	12.0	AC-FT	94370	
WTR YEAR 2006 TOTAL			38395	MEAN	105.2	MAX	300.0	MIN	13.0	AC-FT	76160	

e indicates estimated discharge.

PLATTE RIVER BASIN

PLUM CREEK near Smithfield, 06767500

LOCATION.--SEL/4SW1/4 Sec. 21-8-21 W. near Smithfield, Gosper County, Lat. 40°38'30", Long. 99°42'37", on the left bank 15 feet downstream from the county road bridge 4.8 miles north and 1.4 miles east of Smithfield, Nebraska.

DRAINAGE AREA.--224 square miles.

GAGE.--Continuous stage recorder. Elevation of gage approximately 2,400 feet from topographic map.

PERIOD OF RECORD.--USGS continuous record June 1946 - September 1953, October 1968 - September 1975, USGS annual peak 1954 - 1968, at a site 1.5 miles downstream. Continuous Department of Water Resources record at the present site 1980 - 1991 and USGS April 1996 - September 2002, Department of Natural Resources 2003.

REMARKS.--Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,800 cubic feet per second June 23, 1947, gage height 23.41 feet, at the datum and site then in use; minimum daily discharge zero on July 13, 1946.

EXTREMES FOR CURRENT YEAR.--Peak discharge 184 cubic feet per second September 11, gage height 7.91 feet; minimum daily discharge 0.82 cubic feet per second July 25.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.3	8.4	10e	11	10	11	11	9.6	7.5	3.6	4.2	4.4
2	6.5	8.5	10e	11	10	11	11	9.4	6.9	3.2	4.2	5.5
3	6.5	8.7	10e	10	9.9	10	11	9.4	6.5	3.5	3.6	5.2
4	6.4	8.9	10e	10	9.7	9.7	10	8.9	6.6	3.8	1.4	3.9
5	5.9	8.8	11e	10	9.5	9.9	10	8.8	6.5	6.2	1.0	3.2
6	5.9	8.7	11e	9.8	9.5	10	11	8.9	7.0	4.7	1.4	2.8
7	6.1	8.6	11e	9.9	9.3	9.8	12	9.0	6.4	3.5	2.3	2.6
8	5.6	8.7	11e	10	9.2	10	11	9.1	5.9	3.3	15	3.8
9	6.7	8.5	11e	10	9.7	11	11	9.2	5.9	3.7	6.9	4.8
10	7.4	8.4	11e	9.8	9.3	11	10	9.0	5.7	12	3.8	7.6
11	7.9	8.3	11e	9.8	9.3	10	10	9.0	5.9	10	2.7	130
12	8.2	8.8	12e	10	9.0e	9.8	10	9.1	6.1	4.7	2.6	11
13	8.5	8.8	12e	10	9.0e	9.6	10.0	9.0	6.3	3.9	11	7.7
14	7.8	8.4	12e	10	9.0e	9.4	9.8	8.8	5.7	3.6	6.5	6.9
15	7.6	8.3	12e	10	10e	9.2	9.9	8.5	5.2	3.3	4.9	6.1
16	8.4	8.7	12e	10	10e	9.3	9.9	8.5	6.3	2.6	4.5	5.7
17	8.7	9.2	12e	10	11e	9.2	9.6	9.0	8.3	3.3	9.6	5.3
18	9.0	8.5	12e	10	12e	9.0	9.4	8.4	9.9	2.8	8.9	5.0
19	9.1	8.8	12e	10	12e	9.9	9.4	8.2	8.3	2.7	6.0	4.8
20	9.8	8.9	13e	10	11e	9.7	9.2	8.1	7.3	3.2	6.8	5.1
21	15	8.9	13e	10.0	11e	10e	9.2	7.9	6.8	4.5	5.7	6.7
22	11	8.9	13	9.9	11e	10e	9.4	7.8	6.1	4.0	6.1	14
23	9.2	9.0	12	11	11e	11e	9.2	7.8	5.8	2.8	5.9	8.1
24	9.0	9.2	13	11	11e	12e	9.4	7.5	7.2	1.3	5.9	6.6
25	8.7	9.1	23	9.9	11e	12e	9.6	7.2	7.4	0.82	5.7	6.0
26	9.1	9.1	13	9.9	11e	13e	10	7.2	6.7	1.8	5.3	5.9
27	9.1	9.0e	19	10	11	14e	10	7.2	6.3	2.7	5.2	5.7
28	9.0	9.0e	13	11	11	15e	10	7.0	6.1	1.4	7.9	5.2
29	8.9	9.0e	14	10	---	14e	9.9	6.4	6.5	2.3	7.5	5.5
30	9.0	9.0e	11	10	---	13e	9.9	6.3	4.3	2.6	4.6	6.1
31	8.6	---	12	10	---	12e	---	6.9	---	1.3	4.1	---
TOTAL	254.9	263.1	382	314	286.4	334.5	301.8	257.1	197.4	113.12	171.2	301.2
MEAN	8.2	8.8	12.3	10.2	10.2	10.8	10.1	8.3	6.6	3.7	5.5	10.0
MAX	15	9.2	23	11	12	15	12	9.6	9.9	12	15	130
MIN	5.6	8.3	10	9.8	9.0	9.0	9.2	6.3	4.3	0.82	1.0	2.6
AC-FT	506	522	758	623	568	663	599	510	392	224	340	597
CAL YEAR 2005 TOTAL			4328	MEAN	11.9	MAX	178.0	MIN	2.7	AC-FT	8584	
WTR YEAR 2006 TOTAL			3177	MEAN	8.7	MAX	130.0	MIN	0.82	AC-FT	6301	

e indicates estimated discharge.

PLATTE RIVER BASIN

KEARNEY CANAL from Platte River, 00073000

LOCATION.--SW1/4SW1/4 Sec. 2-8-18 W. near Elm Creek

GAGE.--Continuous stage recorder and 25 ft. Parshall flume

PERIOD.--1919, 1921 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	275	287	0.00	---	---	---	270	274	106	136	144	213
2	211	283	0.00	---	---	0.00	261	268	103	121	173	218
3	157	265	0.00	---	---	0.00	284	231	109	122	178	210
4	272	283	0.00	---	---	0.00	309	192	107	118	163	210
5	207	287	0.00	---	---	0.00	312	179	108	115	149	202
6	166	287	0.00	---	---	0.00	302	182	113	104	145	181
7	162	287	0.00	---	---	0.00	295	181	109	92	177	186
8	254	287	0.00	---	---	0.00	292	186	105	99	271	191
9	150	287	0.00	---	---	0.00	290	192	102	111	275	222
10	152	287	0.00	---	---	0.00	284	188	100	123	269	267
11	267	286	0.00	---	---	0.00	290	191	109	161	253	266
12	232	287	0.00	---	---	0.00	294	182	114	190	244	256
13	216	287	0.00	---	---	0.00	298	162	116	197	274	240
14	287	280	0.00	---	---	44	295	159	110	182	277	207
15	287	272	0.00	---	---	120	297	157	102	173	282	197
16	209	263	---	---	---	150	297	155	131	156	265	186
17	265	103	---	---	---	205	295	147	198	142	256	171
18	287	0.00	---	---	---	261	297	136	183	136	282	166
19	287	0.00	---	---	---	277	303	126	191	121	283	159
20	278	0.00	---	---	---	218	290	121	187	114	280	159
21	253	0.00	---	---	---	161	289	119	182	135	268	161
22	288	0.00	---	---	---	115	273	114	170	144	238	171
23	288	0.00	---	---	---	31	221	116	158	166	201	168
24	288	0.00	---	---	---	34	219	116	172	187	175	167
25	291	0.00	---	---	---	33	231	107	168	193	160	167
26	299	0.00	---	---	---	32	220	106	163	193	168	165
27	298	0.00	---	---	---	20	211	103	153	169	176	162
28	301	0.00	---	---	---	65	215	102	155	143	185	173
29	301	0.00	---	---	---	208	214	94	147	139	192	254
30	306	0.00	---	---	---	272	209	107	144	143	208	253
31	303	---	---	---	---	275	---	116	---	142	221	---
TOTAL	7837	4618	0	0	0	2521	8157	4809	4115	4467	6832	5948
MEAN	252.7	153.9	0.000	---	---	84.0	271.9	155.1	137.2	144.2	220.4	198.4
MAX	306	287	0.00	---	---	277	312	274	198	197	283	267
MIN	150	0.00	0.00	---	---	0.00	209	94	100	92	144	159
AC-FT	15540	9160	0.00	0.00	0.00	5000	16180	9539	8162	8860	13550	11800
CAL YEAR 2005	TOTAL		57726	MEAN	213.8	MAX	322.0	MIN	0.000	AC-FT	114500	
WTR YEAR 2006	TOTAL		49304	MEAN	170.6	MAX	312.0	MIN	0.000	AC-FT	97790	

PLATTE RIVER BASIN

KEARNEY POWER RETURN to Platte River, 00075000

LOCATION.--NE1/4NE1/4 Sec. 10-8-16 W. at Kearney

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1939 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	203	243	2.1	---	---	---	220	206	87	110	85	191
2	237	242	2.2	---	---	0.00e	206	252	83	102	134	163
3	169	247	1.6	---	---	0.00e	216	211	80	98	144	171
4	225	238	0.45	---	---	0.00e	260	157	84	89	139	181
5	224	245	1.6	---	---	0.00e	269	142	83	96	127	160
6	165	248	1.6	---	---	0.00e	281	147	87	86	110	150
7	151	255	1.9	---	---	0.00e	271	148	88	72	136	146
8	186	252	1.8	---	---	0.00e	270	153	81	67	259	153
9	178	252	1.6	---	---	0.00e	267	152	81	73	261	227
10	114	258	0.42	---	---	0.00e	260	154	77	87	248	231
11	217	252	1.1	---	---	0.00e	267	148	80	110	224	238
12	209	258	2.0	---	---	0.00e	260	153	89	139	206	233
13	194	254	1.9	---	---	0.00e	259	132	92	148	297	234
14	254	253	1.7	---	---	0.00e	286	124	90	141	261	194
15	254	237	1.2	---	---	0.00e	270	126	87	118	254	164
16	229	261	---	---	---	49	270	118	132	109	291	188
17	194	178	---	---	---	106	267	118	162	94	241	158
18	245	29	---	---	---	145	271	105	154	87	257	149
19	262	6.6	---	---	---	171	273	123	156	84	246	142
20	255	3.9	---	---	---	145	274	102	159	66	242	136
21	214	4.4	---	---	---	39	266	97	156	80	238	138
22	220	4.1	---	---	---	26	259	91	145	109	214	152
23	235	3.6	---	---	---	28	214	88	139	121	153	145
24	242	1.9	---	---	---	3.3	198	96	139	131	147	145
25	261	1.8	---	---	---	0.00e	201	86	144	129	123	147
26	272	1.5	---	---	---	0.00e	199	88	142	130	124	143
27	266	7.5	---	---	---	0.00e	179	83	131	120	132	138
28	263	16	---	---	---	0.00e	191	82	134	98	130	143
29	265	3.5	---	---	---	58	186	80	129	82	126	199
30	266	2.7	---	---	---	233	178	76	124	90	140	255
31	262	---	---	---	---	206	---	93	---	93	164	---
TOTAL	6931	4259.5	23.17	0	0	1209.3	7288	3931	3415	3159	5853	5214
MEAN	223.6	141.9	1.6	---	---	40.4	242.9	126.8	113.8	101.9	188.7	173.8
MAX	272	261	2.2	---	---	233	286	252	162	148	297	255
MIN	114	1.5	0.42	---	---	0.00	178	76	77	66	85	136
AC-FT	13750	8449	46	0.00	0.00	2399	14460	7797	6774	6266	11610	10340
CAL YEAR 2005	TOTAL		44254	MEAN	172.2	MAX	331.0	MIN	0.000	AC-FT	87780	
WTR YEAR 2006	TOTAL		41283	MEAN	142.8	MAX	297.0	MIN	0.000	AC-FT	81880	

e indicates estimated discharge.

PLATTE RIVER BASIN

PLATTE RIVER near Odessa, 06770000

LOCATION.--SW1/4NW1/4 Sec. 16-8-17 W., Phelps County, Lat. 40°39'53", Long 99°15'20", on right bank 15 feet downstream of county highway bridge, 2.5 miles south of Odessa and 5 miles downstream from Elm Creek.

DRAINAGE AREA.--58,100 square miles; approximately 53,300 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 2195.07 feet above National Geodetic Vertical Datum of 1929. Before October 7, 1938, non-recording gage and October 7, 1938 to September 30, 1942, water-stage recorder, both at datum 3.00 feet higher. From October 1, 1942 to July 23, 1984, datum 2.00 feet higher.

PERIOD OF RECORD.--Mar. 1937 - present (monthly discharges only for some periods)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 22,900 cubic feet per second June 29,1983, gage height 5.82 feet, datum then in use; maximum gage height 7.94 feet June 10, 1995; no flow for periods in each year before 1947 and in 1953-57, 1963.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,170 cubic feet per second March 22, gage height 4.30 feet; maximum gage height 5.65 December 17 due to backwater from ice conditions; minimum daily discharge 0.02 cubic feet per second July 31.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	67	68	550e	470e	365	384	885	33	4.8	2.0	0.03	13
2	30	44	600e	480e	517	585	397	32	5.0	14	4.4	13
3	28	36	604	702	367	552	303	29	4.9	2.0	2.8	8.5
4	58	81	588	780	505	952	187	25	4.2	1.8	2.2	6.3
5	28	214	183	834	325	867	173	24	4.6	2.3	1.9	5.0
6	28e	269	470	347	330	418	185	24	4.4	2.2	1.9	3.8
7	28e	49	412	722	548	801	656	22	3.6	1.5	3.0	2.8
8	26e	200	569	764	352	446	597	22	3.2	1.2	22	2.3
9	26e	284	301	359	359	437	547	20	2.6	1.1	20	12
10	25e	48	295	730	366	416	192	17	2.4	3.0	26	27
11	23e	35	268	777	760	669	560	15	2.2	3.1	28	25
12	22e	300	240	378	453	471	200	13	2.1	2.5	25	21
13	21	43	635	727	451	453	374	13	1.9	2.3	49	17
14	168	33	212	741	656	541	170	12	1.6	2.0	54	12
15	213	37	537	337	268	387	140	12	1.6	1.7	39	13
16	316	191	342	356	261	675	117	12	6.6	1.2	82	26
17	48	122	370e	632	258	658	88	12	10	0.89	452	19
18	180	182	370e	355	269	623	188	11	7.9	0.57	625	11
19	158	541	370e	686	235	276	164	10	5.0	0.43	626	5.6
20	45	220	380e	393	450	264	119	9.3	4.3	0.34	293	4.7
21	28	149	380e	668	639	1070	81	9.1	4.0	2.3	121	6.6
22	208	330	390e	339	330	1220	72	8.6	3.7	2.0	51	8.2
23	234	330e	390e	309	307	560	51	8.4	3.5	1.6	28	5.9
24	212	340e	390e	695	333	1040	57	8.1	4.0	1.4	26	4.7
25	170	340e	400e	360	315	1250	43	7.4	3.3	1.2	25	4.0
26	177	350e	400e	360	402	1160	39	7.5	3.3	1.0	24	3.6
27	291	400e	420e	534	397	658	37	6.6	3.1	0.71	24	3.3
28	382	450e	420e	352	395	1210	36	5.8	2.9	0.42	24	3.0
29	374	450e	450e	315	---	1160	35	5.1	2.5	0.22	22	44
30	490	500e	450e	298	---	1030	32	6.1	2.1	0.11	18	71
31	468	---	460e	544	---	989	---	5.7	---	0.02	13	---
TOTAL	4572	6636	12846	16344	11213	22222	6725	445.7	115.3	57.11	2733.23	402.3
MEAN	147.4	221.2	414.3	527.2	400.5	716.6	224.1	14.4	3.9	1.8	88.2	13.5
MAX	490	541	635	834	760	1250	885	33	10	14	626	71
MIN	21	33	183	298	235	264	32	5.1	1.6	0.02	0.03	2.3
AC-FT	9068	13160	25480	32420	22240	44080	13340	884	229	113	5421	798
CAL YEAR 2005	TOTAL		148432	MEAN	406.7	MAX	3380	MIN	5.4	AC-FT	294400	
WTR YEAR 2006	TOTAL		84312	MEAN	231.0	MAX	1250	MIN	0.020	AC-FT	167200	

e indicates estimated discharge.

PLATTE RIVER BASIN

WOOD RIVER near Alda, 06772000

LOCATION.--NW1/4SW1/4 Sec. 8,T 10N,R 10 W., Hall County, Lat. 40° 51' 10", Long. 98° 28' 20", on right bank 1.2 miles south of Alda, 2.2 miles upstream from old north channel of the Platte River, and at mile 26.6 above mouth.

DRAINAGE AREA.--628 Square miles.

GAGE.--Continuous stage recorder, datum of gage 1897.66 ft. above sea level (U. S. Bureau of Reclamation bench mark).

PERIOD OF RECORD.--Oct. 1953 - present (monthly discharges only for some periods)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor. Many small pump diversions for irrigation are above this station.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,630 cubic feet per second June 16, 1967 at gage height 12.22 feet; minimum daily discharge of zero many times during period of record.

EXTREMES FOR CURRENT YEAR.--Peak discharge 116 cubic feet per second June 20, gage height 6.95 feet; minimum daily discharge zero Many days October - May.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.00	1.3e	3.9	10	0.74	0.57	2.8	6.2	0.66
2	0.00	0.00	0.00	0.00	1.4e	2.2	6.8	1.1	0.33	4.4	5.1	0.33
3	0.00	0.00	0.00	0.00	1.2e	2.0	6.2	0.62	0.66	4.6	3.8	0.29
4	0.00	0.00	0.00	0.00	0.62e	1.5	6.3	0.30	0.78	5.0	2.7	0.19
5	0.00	0.00	0.00	0.00	0.18e	0.89	4.8	0.33	0.33	5.8	9.1	0.27
6	0.00	0.00	0.00	0.00	0.54e	0.96	3.3	0.20	0.24	6.2	7.5	0.52
7	0.00	0.00	0.00	0.00	0.70e	1.1	5.4	0.00	0.21	6.5	8.0	0.72
8	0.00	0.00	0.00	0.03	1.2e	0.63	3.6	0.10	0.18	6.0	3.9	0.57
9	0.00	0.00	0.00	0.19	0.73e	1.1	3.5	0.30	0.15	6.3	2.9	0.56
10	0.00	0.00	0.00	0.11	0.00e	1.1	4.0	0.35	0.12	8.3	3.9	1.9
11	0.00	0.00	0.00	0.11e	0.74e	0.95	2.0	0.19	0.15	7.0	1.3	2.9
12	0.00	0.00	0.00	0.44e	0.00e	0.56	1.3	0.08	0.03	6.4	1.1	4.2
13	0.00	0.00	0.00	0.71e	0.00e	0.69	1.1	0.00	1.1	5.9	1.7	4.5
14	0.00	0.00	0.00	0.78e	0.20e	0.09	1.1	0.00	2.1	6.1	2.9	4.9
15	0.00	0.00	0.00	0.96e	0.46e	0.00	1.3	0.00	3.1	7.8	9.2	16
16	0.00	0.00	0.00	1.8e	0.45e	0.00	0.77	0.00	4.2	7.4	11	12
17	0.00	0.00	0.00	0.68e	0.00	0.00	0.34	0.00	11	7.7	8.9	6.5
18	0.00	0.00	0.00	1.4e	0.00	0.00	0.18	0.00	7.5	8.4	7.3	3.0
19	0.00	0.00	0.00	1.1e	0.00	0.00	0.00	0.00	28	7.7	14	1.7
20	0.00	0.00	0.00	1.4e	0.00	0.00	0.00	0.00	99	7.7	14	1.1
21	0.00	0.00	0.00	1.0e	0.00	0.00	0.00	0.00	47	6.9	18	0.82
22	0.00	0.00	0.00	0.68e	0.00	0.00	0.00	0.00	25	3.7	13	0.81
23	0.00	0.00	0.00	1.1e	0.00	0.00	0.00	0.00	13	6.5	10.0	1.0
24	0.00	0.00	0.00	0.46e	0.38	0.00	0.00	0.40	7.8	5.7	5.4	2.0
25	0.00	0.00	0.00	0.68e	1.2	21	0.00	0.39	5.0	5.7	2.2	2.1
26	0.00	0.00	0.00	1.4e	2.2	11	0.00	0.57	3.2	5.6	1.2	1.2
27	0.00	0.00	0.00	1.8e	3.4	6.5	0.00	0.86	2.2	4.1	0.71	0.69
28	0.00	0.00	0.00	2.1e	4.1	5.4	0.00	1.1	2.0	3.6	0.58	0.44
29	0.00	0.00	0.00	1.3e	---	5.6	0.20	0.37	3.7	6.0	0.73	0.37
30	0.00	0.00	0.00	1.3e	---	8.3	0.40	0.58	3.3	6.8	1.2	0.21
31	0.00	---	0.00	1.5e	---	7.0	---	1.4	---	8.2	1.1	---
TOTAL	0	0	0	23.03	21	82.47	62.59	9.98	271.95	190.8	178.62	72.45
MEAN	0.000	0.000	0.000	0.75	0.75	2.7	2.1	0.32	9.1	6.2	5.7	2.4
MAX	0.00	0.00	0.00	2.1	4.1	21	10	1.4	99	8.4	18	16
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	2.8	0.58	0.19
AC-FT	0.00	0.00	0.00	46	42	164	124	20	539	378	354	144
CAL YEAR 2005	TOTAL		3953	MEAN	10.8	MAX	719.0	MIN	0.000	AC-FT	7840	
WTR YEAR 2006	TOTAL		913	MEAN	2.5	MAX	99.0	MIN	0.000	AC-FT	1811	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

SARGENT CANAL from Middle Loup River, 00130000

LOCATION.--NW1/4NE1/4 Sec. 32-21-21 W. near Milburn

GAGE.--Continuous stage recorder and 10 ft. Parshall flume

PERIOD OF RECORD.--1957 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	80	188	257	126
2	---	---	---	---	---	---	---	---	98	193	242	78
3	---	---	---	---	---	---	---	---	112	193	188	67
4	---	---	---	---	---	---	---	---	111	196	182	66
5	---	---	---	---	---	---	---	---	102	214	173	70
6	---	---	---	---	---	---	---	---	107	211	170	85
7	---	---	---	---	---	---	---	---	113	215	215	99
8	---	---	---	---	---	---	---	---	121	203	229	102
9	---	---	---	---	---	---	---	---	119	200	206	87
10	---	---	---	---	---	---	---	---	120	208	201	41
11	---	---	---	---	---	---	---	---	122	198	155	0.00
12	---	---	---	---	---	---	---	---	119	205	124	---
13	---	---	---	---	---	---	---	---	117	228	119	---
14	---	---	---	---	---	---	---	---	117	232	89	---
15	---	---	---	---	---	---	---	---	129	232	76	---
16	---	---	---	---	---	---	---	---	142	230	98	---
17	---	---	---	---	---	---	---	---	104	249	122	---
18	---	---	---	---	---	---	---	---	88	262	160	---
19	---	---	---	---	---	---	---	---	85	264	179	---
20	---	---	---	---	---	---	---	---	82	265	182	---
21	---	---	---	---	---	---	---	---	81	261	217	---
22	---	---	---	---	---	---	---	---	82	237	228	---
23	---	---	---	---	---	---	---	---	82	230	240	---
24	---	---	---	---	---	---	---	---	93	234	242	---
25	---	---	---	---	---	---	---	---	95	245	223	---
26	---	---	---	---	---	---	---	---	107	249	185	---
27	---	---	---	---	---	---	---	---	125	254	182	---
28	---	---	---	---	---	---	---	0.00	139	233	185	---
29	---	---	---	---	---	---	---	66	151	226	161	---
30	---	---	---	---	---	---	---	98	161	230	146	---
31	---	---	---	---	---	---	---	69	---	251	143	---
TOTAL	0	0	0	0	0	0	0	233	3304	7036	5519	821
MEAN	---	---	---	---	---	---	---	58.3	110.1	227.0	178.0	74.6
MAX	---	---	---	---	---	---	---	98	161	265	257	126
MIN	---	---	---	---	---	---	---	0.00	80	188	76	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	462	6553	13960	10950	1628
CAL YEAR 2005	MAX	242.0	MIN	0.000	AC-FT	25320						
WTR YEAR 2006	MAX	265.0	MIN	0.000	AC-FT	33550						

**PLATTE RIVER BASIN
(Loup River)**

MIDDLE LOUP CANAL NO. 1 from Middle Loup River, 00090000

LOCATION.--SW1/4NW1/4 Sec. 14-19-18 W. near Sargent

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1938 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	19	36	36	33
2	---	---	---	---	---	---	---	0.00	19	37	34	30
3	---	---	---	---	---	---	---	0.00	19	37	35	29
4	---	---	---	---	---	---	---	0.00	20	38	35	28
5	---	---	---	---	---	---	---	0.00	19	38	35	29
6	---	---	---	---	---	---	---	0.00	20	37	35	31
7	---	---	---	---	---	---	---	0.00	20	37	35	31
8	---	---	---	---	---	---	---	0.00	20	39	35	32
9	---	---	---	---	---	---	---	0.00	18	41	34	31
10	---	---	---	---	---	---	---	16	19	41	35	23
11	---	---	---	---	---	---	---	19	19	41	36	19
12	---	---	---	---	---	---	---	18	19	40	35	19
13	---	---	---	---	---	---	---	18	20	39	35	18
14	---	---	---	---	---	---	---	17	20	40	28	18
15	---	---	---	---	---	---	---	17	20	40	30	9.7
16	---	---	---	---	---	---	---	17	22	39	30	0.00
17	---	---	---	---	---	---	---	18	17	40	33	0.00
18	---	---	---	---	---	---	---	18	15	40	35	0.00
19	---	---	---	---	---	---	---	20	9.8	41	36	0.00
20	---	---	---	---	---	---	---	21	0.00	40	37	0.00
21	---	---	---	---	---	---	---	21	0.00	39	36	0.00
22	---	---	---	---	---	---	---	21	0.00	39	35	0.00
23	---	---	---	---	---	---	---	21	0.00	39	38	0.00
24	---	---	---	---	---	---	---	21	0.00	39	37	0.00
25	---	---	---	---	---	---	---	21	2.6	38	36	0.00
26	---	---	---	---	---	---	---	20	23	39	34	0.00
27	---	---	---	---	---	---	---	20	27	39	34	0.00
28	---	---	---	---	---	---	---	20	28	38	31	0.00
29	---	---	---	---	---	---	---	20	29	37	32	0.00
30	---	---	---	---	---	---	---	20	32	37	33	0.00
31	---	---	---	---	---	---	---	20	---	36	33	---
TOTAL	0	0	0	0	0	0	0	424	496.4	1201	1063	380.7
MEAN	---	---	---	---	---	---	---	13.7	16.5	38.7	34.3	12.7
MAX	---	---	---	---	---	---	---	21	32	41	38	33
MIN	---	---	---	---	---	---	---	0.00	0.00	36	28	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	841	985	2382	2108	755
CAL YEAR 2005	MAX	52.0	MIN	0.000	AC-FT	6561						
WTR YEAR 2006	MAX	41.0	MIN	0.000	AC-FT	7071						

**PLATTE RIVER BASIN
(Loup River)**

MIDDLE LOUP CANAL NO. 1 PUMP from Middle Loup River, 00090200

LOCATION.--Sec. 19-19-17 W. near Sargent

GAGE.--Flow Meter

PERIOD OF RECORD.--1987 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	9.0	3.4
2	---	---	---	---	---	---	---	---	---	---	9.0	0.00
3	---	---	---	---	---	---	---	---	---	---	9.0	---
4	---	---	---	---	---	---	---	---	---	---	9.0	---
5	---	---	---	---	---	---	---	---	---	---	9.0	---
6	---	---	---	---	---	---	---	---	---	---	9.0	---
7	---	---	---	---	---	---	---	---	---	---	9.0	---
8	---	---	---	---	---	---	---	---	---	---	9.0	---
9	---	---	---	---	---	---	---	---	---	---	9.0	---
10	---	---	---	---	---	---	---	---	---	---	9.0	---
11	---	---	---	---	---	---	---	---	---	---	9.0	---
12	---	---	---	---	---	---	---	---	---	---	9.0	---
13	---	---	---	---	---	---	---	---	---	---	9.0	---
14	---	---	---	---	---	---	---	---	---	---	3.3	---
15	---	---	---	---	---	---	---	---	---	---	0.00	---
16	---	---	---	---	---	---	---	---	---	---	0.00	---
17	---	---	---	---	---	---	---	---	---	---	0.00	---
18	---	---	---	---	---	---	---	---	---	---	0.00	---
19	---	---	---	---	---	---	---	---	---	0.00	0.00	---
20	---	---	---	---	---	---	---	---	---	4.5	0.00	---
21	---	---	---	---	---	---	---	---	---	9.0	5.2	---
22	---	---	---	---	---	---	---	---	---	9.0	9.0	---
23	---	---	---	---	---	---	---	---	---	9.0	9.0	---
24	---	---	---	---	---	---	---	---	---	9.0	9.0	---
25	---	---	---	---	---	---	---	---	---	9.0	9.0	---
26	---	---	---	---	---	---	---	---	---	9.0	9.0	---
27	---	---	---	---	---	---	---	---	---	9.0	9.0	---
28	---	---	---	---	---	---	---	---	---	9.0	9.0	---
29	---	---	---	---	---	---	---	---	---	9.0	9.0	---
30	---	---	---	---	---	---	---	---	---	9.0	9.0	---
31	---	---	---	---	---	---	---	---	---	9.0	9.0	---
TOTAL	0	0	0	0	0	0	0	0	0	103.5	215.5	3.4
MEAN	---	---	---	---	---	---	---	---	---	8.0	7.0	1.7
MAX	---	---	---	---	---	---	---	---	---	9.0	9.0	3.4
MIN	---	---	---	---	---	---	---	---	---	0.00	0.00	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205	427	6.7
CAL YEAR 2005	MAX	9.0	MIN	0.000	AC-FT	496						
WTR YEAR 2006	MAX	9.0	MIN	0.000	AC-FT	639						

**PLATTE RIVER BASIN
(Loup River)**

MIDDLE LOUP CANAL NO. 2 from Middle Loup River, 00091000

LOCATION.--NE1/4NW1/4 Sec. 14-19-18 W. near Sargent

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1938 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	29	42	40	34
2	---	---	---	---	---	---	---	0.00	23	43	30	29
3	---	---	---	---	---	---	---	19	22	43	31	26
4	---	---	---	---	---	---	---	19	24	43	35	25
5	---	---	---	---	---	---	---	20	24	42	38	24
6	---	---	---	---	---	---	---	20	25	41	39	24
7	---	---	---	---	---	---	---	19	25	41	39	24
8	---	---	---	---	---	---	---	20	26	41	38	27
9	---	---	---	---	---	---	---	20	24	41	37	25
10	---	---	---	---	---	---	---	20	24	42	35	17
11	---	---	---	---	---	---	---	20	24	42	34	15
12	---	---	---	---	---	---	---	19	24	42	30	14
13	---	---	---	---	---	---	---	19	24	42	27	13
14	---	---	---	---	---	---	---	19	24	41	25	12
15	---	---	---	---	---	---	---	20	25	42	27	12
16	---	---	---	---	---	---	---	22	24	41	32	12
17	---	---	---	---	---	---	---	25	17	41	33	12
18	---	---	---	---	---	---	---	26	16	41	33	12
19	---	---	---	---	---	---	---	26	16	46	35	3.8
20	---	---	---	---	---	---	---	26	13	50	42	0.00
21	---	---	---	---	---	---	---	27	11	51	43	0.00
22	---	---	---	---	---	---	---	27	18	51	43	0.00
23	---	---	---	---	---	---	---	28	22	49	43	0.00
24	---	---	---	---	---	---	---	27	22	48	43	0.00
25	---	---	---	---	---	---	---	27	24	48	43	0.00
26	---	---	---	---	---	---	---	28	27	48	43	0.00
27	---	---	---	---	---	---	---	31	32	49	43	0.00
28	---	---	---	---	---	---	---	30	33	49	38	0.00
29	---	---	---	---	---	---	---	31	33	50	37	0.00
30	---	---	---	---	---	---	---	29	35	49	38	---
31	---	---	---	---	---	---	---	30	---	48	37	---
TOTAL	0	0	0	0	0	0	0	694	710	1387	1131	360.8
MEAN	---	---	---	---	---	---	---	22.4	23.7	44.7	36.5	12.4
MAX	---	---	---	---	---	---	---	31	35	51	43	34
MIN	---	---	---	---	---	---	---	0.00	11	41	25	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1377	1408	2751	2243	716
CAL YEAR 2005	MAX	53.0	MIN	0.000	AC-FT	6613						
WTR YEAR 2006	MAX	51.0	MIN	0.000	AC-FT	8495						

PLATTE RIVER BASIN (Loup River)

MIDDLE LOUP CANAL NO. 3 from Middle Loup River, 00092000

LOCATION.--NW1/4NW1/4 Sec. 6-17-16 W. near Comstock

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1938 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	57	149	146	102
2	---	---	---	---	---	---	---	0.00	61	136	143	94
3	---	---	---	---	---	---	---	0.00	61	108	147	93
4	---	---	---	---	---	---	---	0.00	63	114	145	92
5	---	---	---	---	---	---	---	21	64	113	147	91
6	---	---	---	---	---	---	---	39	71	110	159	85
7	---	---	---	---	---	---	---	41	83	118	160	82
8	---	---	---	---	---	---	---	59	90	126	142	81
9	---	---	---	---	---	---	---	46	90	130	90	79
10	---	---	---	---	---	---	---	49	91	132	97	53
11	---	---	---	---	---	---	---	56	93	125	119	32
12	---	---	---	---	---	---	---	57	94	124	120	31
13	---	---	---	---	---	---	---	57	94	127	113	32
14	---	---	---	---	---	---	---	58	102	135	104	31
15	---	---	---	---	---	---	---	58	134	137	102	31
16	---	---	---	---	---	---	---	58	132	133	101	31
17	---	---	---	---	---	---	---	58	107	141	105	30
18	---	---	---	---	---	---	---	61	77	133	104	19
19	---	---	---	---	---	---	---	65	77	143	103	0.00
20	---	---	---	---	---	---	---	66	75	138	103	0.00
21	---	---	---	---	---	---	---	66	84	150	115	0.00
22	---	---	---	---	---	---	---	69	92	139	141	0.00
23	---	---	---	---	---	---	---	69	106	135	138	0.00
24	---	---	---	---	---	---	---	67	110	145	138	0.00
25	---	---	---	---	---	---	---	68	118	131	136	0.00
26	---	---	---	---	---	---	---	67	116	137	137	0.00
27	---	---	---	---	---	---	---	67	121	144	137	0.00
28	---	---	---	---	---	---	---	65	144	146	131	0.00
29	---	---	---	---	---	---	---	64	154	146	114	0.00
30	---	---	---	---	---	---	---	59	157	145	112	---
31	---	---	---	---	---	---	---	51	---	148	107	---
TOTAL	0	0	0	0	0	0	0	1561	2918	4138	3856	1089
MEAN	---	---	---	---	---	---	---	50.4	97.3	133.5	124.4	37.6
MAX	---	---	---	---	---	---	---	69	157	150	160	102
MIN	---	---	---	---	---	---	---	0.00	57	108	90	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3096	5788	8208	7648	2160
CAL YEAR 2005	MAX	144.0	MIN	0.000	AC-FT	19960						
WTR YEAR 2006	MAX	160.0	MIN	0.000	AC-FT	26900						

**PLATTE RIVER BASIN
(Loup River)**

MIDDLE LOUP CANAL NO. 4 from Middle Loup River, 00093000

LOCATION.--SW1/4SW1/4 Sec. 31-18-16 W. near Comstock

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1938 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	69	39	120	129	78
2	---	---	---	---	---	---	0.00	52	48	101	128	59
3	---	---	---	---	---	---	0.00	48	54	79	119	58
4	---	---	---	---	---	---	0.00	48	56	79	125	60
5	---	---	---	---	---	---	0.00	48	59	80	124	60
6	---	---	---	---	---	---	0.00	47	62	74	127	52
7	---	---	---	---	---	---	0.00	47	62	86	128	46
8	---	---	---	---	---	---	0.00	45	61	97	102	49
9	---	---	---	---	---	---	0.00	44	70	105	81	50
10	---	---	---	---	---	---	0.00	44	74	89	84	44
11	---	---	---	---	---	---	0.00	43	76	66	86	32
12	---	---	---	---	---	---	0.00	43	78	65	90	31
13	---	---	---	---	---	---	0.00	43	89	65	89	30
14	---	---	---	---	---	---	0.00	43	96	65	89	28
15	---	---	---	---	---	---	0.00	44	101	80	84	27
16	---	---	---	---	---	---	0.00	43	98	88	82	26
17	---	---	---	---	---	---	0.00	43	79	91	81	22
18	---	---	---	---	---	---	0.00	44	57	109	80	11
19	---	---	---	---	---	---	0.00	45	55	122	78	0.00
20	---	---	---	---	---	---	0.00	45	54	119	76	0.00
21	---	---	---	---	---	---	0.00	45	55	126	92	0.00
22	---	---	---	---	---	---	0.00	51	51	120	108	0.00
23	---	---	---	---	---	---	0.00	55	62	124	107	0.00
24	---	---	---	---	---	---	0.00	55	72	121	109	0.00
25	---	---	---	---	---	---	0.00	54	82	125	111	0.00
26	---	---	---	---	---	---	0.00	52	86	128	108	0.00
27	---	---	---	---	---	---	0.00	52	97	129	101	0.00
28	---	---	---	---	---	---	44	51	105	131	98	0.00
29	---	---	---	---	---	---	38	50	112	134	92	0.00
30	---	---	---	---	---	---	40	42	116	129	84	---
31	---	---	---	---	---	---	---	32	---	125	88	---
TOTAL	0	0	0	0	0	0	122	1467	2206	3172	3080	763
MEAN	---	---	---	---	---	---	4.1	47.3	73.5	102.3	99.4	26.3
MAX	---	---	---	---	---	---	44	69	116	134	129	78
MIN	---	---	---	---	---	---	0.00	32	39	65	76	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	242	2910	4376	6292	6109	1513
CAL YEAR 2005	MAX	129.0	MIN	0.000	AC-FT	17530						
WTR YEAR 2006	MAX	134.0	MIN	0.000	AC-FT	21440						

PLATTE RIVER BASIN (Loup River)

FARWELL (SHERMAN FEEDER) CANAL from Middle Loup River, 00047000

LOCATION.--NE1/4SE1/4 Sec. 36-18-17 W. near Comstock

GAGE.--Continuous stage recorder and 25 ft. Parshall flume

PERIOD OF RECORD.--1963 - present

REMARKS.--Total diversion includes 240 A.F. delivered to Middle Loup Canal No. 4

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	244	328	364	285	154	64
2	---	---	---	---	---	---	358	329	364	311	219	63
3	---	---	---	---	---	---	411	331	362	335	217	55
4	---	---	---	---	---	---	415	329	364	361	255	57
5	---	---	---	---	---	---	358	329	410	370	238	48
6	---	---	---	---	---	---	419	331	456	300	249	19
7	---	105	---	---	---	---	414	332	455	292	271	12
8	---	200	---	---	---	---	413	371	423	280	272	11
9	---	297	---	---	---	---	412	408	468	309	152	12
10	---	347	---	---	---	---	411	406	451	334	137	8.5
11	---	347	---	---	---	---	416	407	455	372	134	---
12	---	337	---	---	---	---	412	402	454	344	136	---
13	---	331	---	---	---	---	419	400	453	327	132	---
14	---	356	---	---	---	---	418	405	415	309	139	---
15	---	367	---	---	---	---	416	405	354	262	135	---
16	---	334	---	---	---	---	416	405	390	231	96	---
17	---	264	---	---	---	---	420	402	324	212	65	---
18	---	153	---	---	---	---	417	415	216	145	67	---
19	---	---	---	---	---	---	414	413	209	124	66	---
20	---	---	---	---	---	---	408	411	211	120	67	---
21	---	---	---	---	---	---	415	410	269	131	63	---
22	---	---	---	---	---	---	416	406	221	126	59	---
23	---	---	---	---	---	---	407	414	295	155	56	---
24	---	---	---	---	---	---	411	434	342	155	61	---
25	---	---	---	---	---	---	414	395	421	158	64	---
26	---	---	---	---	---	---	369	362	438	159	67	---
27	---	---	---	---	---	---	338	365	387	161	65	---
28	---	---	---	---	---	---	339	368	375	163	65	---
29	---	---	---	---	---	---	327	365	340	167	66	---
30	---	---	---	---	---	69	328	362	287	154	67	---
31	---	---	---	---	---	149	---	365	---	141	61	---
TOTAL	0	3438	0	0	0	218	11775	11805	10973	7293	3895	349.5
MEAN	---	286.5	---	---	---	109.0	392.5	380.8	365.8	235.3	125.6	35.0
MAX	---	367	---	---	---	149	420	434	468	372	272	64
MIN	---	105	---	---	---	69	244	328	209	120	56	8.5
AC-FT	0.00	6819	0.00	0.00	0.00	432	23360	23410	21760	14470	7726	693
CAL YEAR 2005	MAX	453.0	MIN	0.000	AC-FT	95290						
WTR YEAR 2006	MAX	468.0	MIN	8.5	AC-FT	98670						

**PLATTE RIVER BASIN
(Loup River)**

MIDDLE LOUP CANAL NO. 4 from Sherman Feeder Canal, 00093200

LOCATION.--SW1/4SW1/4 Sec. 30-17-15 W. near Arcadia

GAGE.--Flow meter

PERIOD OF RECORD.--1986 - present

REMARKS.--This flow diverted by Farwell (Sherman Feeder) Canal

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	5.2	---	---	7.9	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	10	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	4.0	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	2.9	---	---
19	---	---	---	---	---	---	---	---	---	6.7	---	---
20	---	---	---	---	---	---	---	---	---	19	---	---
21	---	---	---	---	---	---	---	---	---	13	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	6.2	---
25	---	---	---	---	---	---	---	---	---	---	6.8	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	20	---	---	3.3	---	---
31	---	---	---	---	---	---	---	---	---	16	---	---
TOTAL	0	0	0	0	0	0	20	5.2	0	74.9	20.9	0
MEAN	---	---	---	---	---	---	19.8	5.2	---	9.4	7.0	---
MAX	---	---	---	---	---	---	20	5.2	---	19	7.9	---
MIN	---	---	---	---	---	---	20	5.2	---	2.9	6.2	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	40	10	0.00	149	41	0.00
CAL YEAR 2005	TOTAL		30	MEAN	0.24	MAX	8.7	MIN	0.000	AC-FT	59	
WTR YEAR 2006	TOTAL		121	MEAN	9.3	MAX	20.0	MIN	2.9	AC-FT	240	

PLATTE RIVER BASIN (Loup River)

SHERMAN RESERVOIR from the Middle Loup River, 06784200

LOCATION.--SW1/4SW1/4 Sec. 36-16-14 W.

GAGE.--Staff gage

PERIOD OF RECORD.--1963 - present

	STORAGE LEVEL			ELEVATION (Feet)			CONTENT (Acre-feet)					
	Top of conservation pool			2,162.3			69,076					
	Top of dead storage pool			2,118.5			3,839					
STORAGE (ACFT), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	33280	32400	38130	37350	36400	35650	35460	54920	69360	66810	42800	29360
2	33280	32400	38130	37350	36400	35460	35840	55420	69360	65960	41540	28390
3	33100	32400	38130	37350	36400	35460	36590	55670	69360	65400	41540	27760
4	33100	32400	38130	37350	36400	35460	37350	56170	69360	64580	41330	27130
5	33100	32230	37940	37350	36210	35460	37940	56680	69360	64040	41540	26670
6	33100	32230	37940	37160	36210	35460	38720	56930	69650	63490	41540	26210
7	33100	32230	37940	37160	36210	35280	39510	57430	69650	62940	41540	25910
8	32930	32230	37940	37160	36210	35280	40320	57940	69650	62140	41330	25610
9	32930	32400	37940	37160	36210	35460	40930	58460	69650	61340	41330	25310
10	32930	32930	37940	37160	36210	35460	41750	58980	69650	60810	41750	26210
11	32930	33460	37740	37160	36210	35460	42380	59500	69650	60280	41750	26060
12	32930	34180	37740	37160	36020	35280	43210	60010	69940	60810	41540	26060
13	32930	34910	37740	36970	36020	35280	43860	60540	69940	61080	41750	26060
14	32930	35460	37740	36970	36020	35280	44500	61080	69940	61340	41540	26060
15	32750	36210	37740	36970	36020	35090	45150	61610	70230	61340	41540	26060
16	32750	36780	37740	36970	36020	35280	46030	62140	69940	61080	41540	26060
17	32750	37350	37740	36970	35840	35090	46700	62670	69940	60810	41330	26060
18	32750	37940	37540	36780	35840	35090	47310	63220	69940	59750	41330	25910
19	32750	38330	37540	36780	35840	35090	48040	64040	69940	58460	41130	25910
20	32750	38330	37540	36780	35840	35090	48500	64860	69940	56930	40720	25760
21	32580	38330	37540	36780	35840	35090	49190	65400	69650	55420	40520	25760
22	32580	38330	37540	36970	35840	35280	49880	66250	69650	53940	40320	25760
23	32580	38330	37540	36970	35650	35280	50350	67090	69360	52970	39710	25760
24	32580	38130	37540	36970	35650	35280	51060	67650	69360	52000	38910	25760
25	32580	38130	37540	36780	35650	35280	51770	68210	69360	51060	37740	25760
26	32400	38130	37350	36590	35650	35280	52480	68790	69360	50350	36600	25760
27	32400	38130	37350	36590	35650	35280	52970	68790	69360	49190	35090	25760
28	32400	38330	37350	36590	35650	35280	53550	69080	68790	48040	33820	25610
29	32400	38330	37350	36590	---	35280	53940	69360	68210	46920	32580	25610
30	32400	38130	37350	36590	---	35280	54430	69360	67650	46700	31370	25610
31	32400	---	37350	36400	---	35280	---	69360	---	44290	30180	---
MEAN	32790	35640	37700	36960	36000	35300	45320	62500	69510	57750	39590	26190
MAX	33280	38330	38130	37350	36400	35650	54430	69360	70230	66810	42800	29360
MIN	32400	32230	37350	36400	35650	35090	35460	54920	67650	44290	30180	25310
CAL YEAR 2005	MEAN	47480	MAX	69940	MIN	32230						
WTR YEAR 2006	MEAN	42980	MAX	70230	MIN	25310						

**PLATTE RIVER BASIN
(Loup River)**

FARWELL "MAIN" CANAL from Sherman Reservoir, 00048000

LOCATION.--NW1/4SW1/4 Sec. 1-15-14 W. below Sherman Reservoir

GAGE.--Continuous stage recorder and six orifice gates

PERIOD OF RECORD.--1964 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	153	407	461	277
2	---	---	---	---	---	---	---	0.00	168	407	185	216
3	---	---	---	---	---	---	---	0.00	168	364	92	199
4	---	---	---	---	---	---	---	0.00	165	350	92	173
5	---	---	---	---	---	---	---	0.00	172	344	94	148
6	---	---	---	---	---	---	---	0.00	172	344	97	127
7	---	---	---	---	---	---	---	0.00	182	356	144	108
8	---	---	---	---	---	---	---	0.00	192	356	93	94
9	---	---	---	---	---	---	---	0.00	192	356	66	84
10	---	---	---	---	---	---	---	0.00	183	372	69	81
11	---	---	---	---	---	---	---	0.00	178	169	61	23
12	---	---	---	---	---	---	---	0.00	175	96	61	0.00
13	---	---	---	---	---	---	---	0.00	172	100	62	0.00
14	---	---	---	---	---	---	---	0.00	183	115	62	0.00
15	---	---	---	---	---	---	---	0.00	213	188	63	0.00
16	---	---	---	---	---	---	---	0.00	229	212	64	0.00
17	---	---	---	---	---	---	---	0.00	134	362	64	0.00
18	---	---	---	---	---	---	---	0.00	100	478	63	0.00
19	---	---	---	---	---	---	---	0.00	110	514	65	0.00
20	---	---	---	---	---	---	---	0.00	118	519	66	0.00
21	---	---	---	---	---	---	---	0.00	115	498	97	0.00
22	---	---	---	---	---	---	---	0.00	115	386	139	0.00
23	---	---	---	---	---	---	---	0.00	118	361	237	0.00
24	---	---	---	---	---	---	---	0.00	146	346	359	0.00
25	---	---	---	---	---	---	---	0.00	156	353	419	0.00
26	---	---	---	---	---	---	---	72	212	353	432	0.00
27	---	---	---	---	---	---	---	103	271	401	440	0.00
28	---	---	---	---	---	---	---	102	329	431	418	0.00
29	---	---	---	---	---	---	---	102	381	437	382	0.00
30	---	---	---	---	---	---	---	114	402	429	364	0.00
31	---	---	---	---	---	---	---	121	---	452	319	---
TOTAL	0	0	0	0	0	0	0	614	5604	10856	5630	1530
MEAN	---	---	---	---	---	---	---	19.8	186.8	350.2	181.6	51.0
MAX	---	---	---	---	---	---	---	121	402	519	461	277
MIN	---	---	---	---	---	---	---	0.00	100	96	61	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1218	11120	21530	11170	3035
CAL YEAR 2005	MAX	425.0	MIN	0.000	AC-FT	48630						
WTR YEAR 2006	MAX	519.0	MIN	0.000	AC-FT	48070						

PLATTE RIVER BASIN (Loup River)

FARWELL "SOUTH" CANAL from Sherman Reservoir, 00049000

LOCATION.--NW1/4SW1/4 Sec. 1-15-14 W. below Sherman Reservoir

GAGE.--Continuous stage recorder and four orifice gates

PERIOD OF RECORD.--1965 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	62	260	283	162
2	---	---	---	---	---	---	---	0.00	73	264	148	122
3	---	---	---	---	---	---	---	0.00	76	243	91	109
4	---	---	---	---	---	---	---	0.00	76	235	88	97
5	---	---	---	---	---	---	---	0.00	76	228	87	78
6	---	---	---	---	---	---	---	0.00	82	228	89	63
7	---	---	---	---	---	---	---	0.00	100	228	114	54
8	---	---	---	---	---	---	---	0.00	120	228	61	50
9	---	---	---	---	---	---	---	0.00	116	228	37	49
10	---	---	---	---	---	---	---	0.00	102	232	36	43
11	---	---	---	---	---	---	---	0.00	98	85	37	12
12	---	---	---	---	---	---	---	0.00	97	45	37	0.00
13	---	---	---	---	---	---	---	0.00	100	46	37	0.00
14	---	---	---	---	---	---	---	0.00	124	44	36	0.00
15	---	---	---	---	---	---	---	0.00	144	61	38	0.00
16	---	---	---	---	---	---	---	0.00	148	67	40	0.00
17	---	---	---	---	---	---	---	0.00	83	151	37	0.00
18	---	---	---	---	---	---	---	0.00	60	251	39	0.00
19	---	---	---	---	---	---	---	0.00	62	292	45	0.00
20	---	---	---	---	---	---	---	0.00	64	319	47	0.00
21	---	---	---	---	---	---	---	0.00	64	311	64	0.00
22	---	---	---	---	---	---	---	0.00	63	213	96	0.00
23	---	---	---	---	---	---	---	0.00	79	184	122	0.00
24	---	---	---	---	---	---	---	0.00	96	179	150	0.00
25	---	---	---	---	---	---	---	0.00	100	190	164	0.00
26	---	---	---	---	---	---	---	39	136	212	200	0.00
27	---	---	---	---	---	---	---	61	193	239	211	0.00
28	---	---	---	---	---	---	---	62	233	263	211	0.00
29	---	---	---	---	---	---	---	62	248	272	214	0.00
30	---	---	---	---	---	---	---	59	250	272	214	0.00
31	---	---	---	---	---	---	---	53	---	283	191	---
TOTAL	0	0	0	0	0	0	0	336	3325	6353	3264	839
MEAN	---	---	---	---	---	---	---	10.8	110.8	204.9	105.3	28.0
MAX	---	---	---	---	---	---	---	62	250	319	283	162
MIN	---	---	---	---	---	---	---	0.00	60	44	36	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	666	6595	12600	6474	1664
CAL YEAR 2005	MAX	275.0	MIN	0.000	AC-FT	30390						
WTR YEAR 2006	MAX	319.0	MIN	0.000	AC-FT	28000						

**PLATTE RIVER BASIN
(Loup River)**

MUD CREEK near Sweetwater, 06783500

LOCATION.--NEL/4SE1/4 Sec. 3-12-15 W., Buffalo County, Lat. 41° 02' 15", Long. 98° 59' 35", on right bank 10 feet downstream from bridge on State Highway 2, 0.9 mile southeast of Sweetwater, and 11.6 miles upstream from mouth.

DRAINAGE AREA.--707 square miles, approx. 655 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,013.69 feet above sea level.

PERIOD OF RECORD.--July 1946 - present

REMARKS.--Record published by U. S. Geological Survey up to October 1 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge estimated 27,000 cubic feet per second June 22, 1947, gage height 23.20 feet. Peak discharge computed 5,600 cubic feet per second June 24, 1968, gage height 20.07 feet; minimum daily discharge zero at times in 1955, 1956, 2002, 2003.

EXTREMES FOR CURRENT YEAR.--Peak discharge 562 cubic feet per second July 10, gage height 12.26 feet; minimum daily discharge 0.05 cubic feet per second August 27.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.5	10	12e	13e	15	17e	25	18	11	7.1	1.6	0.31
2	6.3	11	13e	15e	16	18	24	18	11	6.4	1.7	2.3
3	6.2	11	12e	13e	16	17	25	17	10	7.8	0.92	4.1
4	7.7	11	11e	14e	16e	17	24	17	9.4	7.4	1.6	4.2
5	8.5	11	12e	15e	15e	17	23	17	9.2	14	1.3	2.7
6	7.9	11	12e	14e	15e	17	21	17	9.3	12	0.41	3.7
7	7.1	11	13e	14e	16e	17	21	17	10	11	0.64	2.6
8	6.3	11	13e	15e	16e	17	20	17	10	11	4.9	2.9
9	7.2	11	13e	14e	16e	19	20	17	10	7.2	3.1	5.4
10	6.6	11	12e	14e	17e	19	19	17	11	127	5.5	11
11	7.4	11	13e	14e	16e	17	19	16	10	35	5.8	94
12	8.3	11	14e	15e	17e	17	19	16	10	16	2.6	148
13	8.2	12	13e	14e	17e	17	19	15	10	14	1.8	19
14	8.0	11	14e	14e	18e	17	19	15	10	12	2.6	12
15	7.5	12	13e	14e	20e	16	18	15	10	9.8	3.3	9.3
16	7.7	12	13e	15e	19e	16	18	15	11	8.2	4.3	6.0
17	8.9	12	13e	16e	17e	16	18	14	14	8.0	3.8	5.6
18	9.5	12	13e	16e	15e	16	18	14	12	6.1	2.9	4.3
19	10	13	12e	17e	16e	17	18	14	18	5.2	4.0	5.5
20	12	13	12e	16e	17e	16e	18	13	13	3.5	2.2	5.4
21	11	13	12e	16e	17e	16e	18	13	17	3.2	1.2	6.6
22	11	13	12e	16e	18e	15e	17	12	17	4.2	1.3	7.6
23	11	13	13e	16e	17e	16e	17	13	14	2.9	1.1	8.0
24	11	13	14e	18e	18e	18e	18	12	12	2.9	0.30	7.8
25	11	13	13e	18e	18e	20e	18	12	11	1.8	0.06	8.2
26	10	12	14e	17e	16e	21	19	12	11	1.9	0.15	7.5
27	10	12e	13e	15e	17e	21	19	10	11	3.0	0.05	7.3
28	10	12e	14e	15	17e	22	20	10	9.9	2.5	0.93	8.3
29	11	12e	14e	15	---	22	21	11	9.4	1.4	2.8	7.5
30	10	12e	14e	16	---	23	20	10	8.6	1.2	3.9	7.0
31	10	---	14e	16	---	25	---	11	---	1.1	1.9	---
TOTAL	273.8	353	400	470	468	559	593	445	339.8	354.8	68.66	424.11
MEAN	8.9	11.7	12.9	15.2	16.7	18.1	19.7	14.4	11.4	11.4	2.2	14.2
MAX	12	13	14	18	20	25	25	18	18	127	5.8	148
MIN	6.2	10	11	13	15	15	17	10	8.6	1.1	0.05	0.31
AC-FT	543	700	793	932	928	1109	1176	883	674	704	136	841
CAL YEAR 2005	TOTAL		8129	MEAN	22.3	MAX	479.0	MIN	3.2	AC-FT	16120	
WTR YEAR 2006	TOTAL		4749	MEAN	13.0	MAX	148.0	MIN	0.050	AC-FT	9420	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

TURKEY CREEK near Dannebrog, 06784800

LOCATION.--SW1/4NW1/4 Sec. 26-14-11 W., Howard County, Lat. 41° 09' 24", Long. 98° 33' 22", on left bank 25 feet downstream from State Highway 11 bridge, 2.8 miles north of Dannebrog, and 10 miles above mouth.

DRAINAGE AREA.--66.2 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,870.35 feet above sea level.

PERIOD OF RECORD.--1966 - 1970, 1978 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are good, except estimated record are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,680 cubic feet per second June 14, 1967, gage height 19.21 feet; maximum gage height 19.26 feet June 12, 1983; no flow May 17-20, 1966.

EXTREMES FOR CURRENT YEAR.--Peak discharge 265 cubic feet per second August 8, gage height 9.29 feet; minimum daily discharge 1.9 cubic feet per second estimated January 23, 25.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.6	5.3	4.4e	7.9	4.8e	7.0	22	8.9	10	18	23	26
2	3.6	5.3	3.1e	7.9	4.4e	6.8	22	8.5	6.4	25	67	27
3	3.7	5.4	5.3e	7.6	3.3e	6.4	24	8.7	5.0	22	31	23
4	4.3	5.5	6.0e	7.5	4.4e	6.4	17	8.3	4.8	16	14	20
5	4.7	5.5	7.9e	7.8	3.5e	7.8	15	8.2	4.9	14	12	17
6	4.2	5.7	6.0e	7.2	2.2e	7.1	15	8.3	6.1	15	12	15
7	3.8	5.8	6.1e	7.3	4.8e	6.9	15	8.4	4.5	17	11	12
8	4.1	6.0	6.9e	7.7	3.7e	7.6	13	8.4	4.3	18	199	9.7
9	4.4	6.0	6.4e	7.5	5.7e	9.3	12	8.7	4.9	21	62	13
10	4.2	5.9	4.7e	6.9	6.0e	8.2	12	8.3	5.6	39	80	104
11	4.6	6.0	5.6e	6.8	6.7e	7.4	11	7.7	6.6	65	23	157
12	4.9	6.3	7.2e	7.3	5.6e	7.2	11	7.6	6.2	25	17	31
13	4.7	6.0	6.7e	7.2	6.0e	7.1	10	7.6	5.7	15	29	18
14	4.1	5.8	6.0e	6.8	5.9e	6.9	10	7.3	5.8	13	20	14
15	4.2	6.0	7.7e	7.0	4.8e	6.7	10	7.2	8.0	12	16	21
16	4.0	5.8	4.8e	6.2e	7.0e	6.7	10	7.1	12	11	15	30
17	4.2	5.9	3.9e	5.0e	6.2e	6.8	10	6.9	31	11	14	14
18	4.7	5.9	3.2e	2.1e	5.0e	6.8	9.7	6.8	34	13	14	9.9
19	4.5	6.0	6.2e	4.8e	4.6e	5.6e	9.3	6.4	11	18	14	9.1
20	5.7	5.9	8.1	2.2e	5.2e	8.5e	9.0	6.1	9.8	23	14	8.5
21	5.4	5.5	7.8	3.1e	4.3e	9.5e	8.9	6.0	8.6	40	13	12
22	5.3	5.2	7.9	3.1e	3.0e	4.4e	8.8	6.0	8.3	33	14	25
23	5.4	4.7	8.4	1.9e	3.7e	7.2e	8.8	5.8	8.9	28	15	12
24	5.2	4.9	11	2.6e	4.1e	5.1e	9.6	29	9.7	31	16	9.3
25	5.0	4.5	11	1.9e	5.5e	8.0e	11	12	10	26	21	8.7
26	5.4	4.4	9.6	4.2e	3.9e	9.7	9.7	6.7	11	21	24	8.3
27	5.5	4.8e	9.4	4.5e	6.6	12	9.2	5.8	12	20	27	8.0
28	5.4	5.3e	9.2	2.5e	7.3	15	9.6	5.7	15	21	31	8.1
29	5.3	2.4e	9.0	5.4e	---	27	9.6	5.4	18	21	32	8.0
30	5.3	4.9e	8.3	3.6e	---	106	9.3	5.4	17	20	29	7.5
31	5.3	---	8.1	4.6e	---	48	---	5.3	---	23	27	---
TOTAL	144.7	162.6	215.9	168.1	138.2	395.1	361.5	248.5	305.1	695	936	686.1
MEAN	4.7	5.4	7.0	5.4	4.9	12.7	12.2	8.0	10.2	22.5	30.2	22.8
MAX	5.7	6.3	11	7.9	7.3	106	24	29	34	65	199	157
MIN	3.6	2.4	3.1	1.9	2.2	4.4	8.8	5.3	4.3	11	11	7.5
AC-FT	287	323	428	333	274	784	717	493	605	1379	1857	1361
CAL YEAR 2005 TOTAL			7551	MEAN	20.7	MAX	818.0	MIN	2.4	AC-FT	14980	
WTR YEAR 2006 TOTAL			4457	MEAN	12.2	MAX	199.0	MIN	1.9	AC-FT	8840	

e indicates estimated discharge.

PLATTE RIVER BASIN
(Loup River)

TAYLOR-ORD CANAL from North Loup River, 00107000

LOCATION.--NE1/4NE1/4 Sec. 20-21-18 W. near Taylor

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1939 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	43	81	168	224	---
2	---	---	---	---	---	---	---	78	83	177	222	---
3	---	---	---	---	---	---	---	46	91	193	220	---
4	---	---	---	---	---	---	---	51	92	192	218	---
5	---	---	---	---	---	---	---	61	93	189	221	---
6	---	---	---	---	---	---	---	65	92	198	212	---
7	---	---	---	---	---	---	---	69	95	199	215	---
8	---	---	---	---	---	---	---	75	93	197	206	---
9	---	---	---	---	---	---	---	73	94	195	209	---
10	---	---	---	---	---	---	---	74	91	211	190	---
11	---	---	---	---	---	---	---	73	93	210	159	---
12	---	---	---	---	---	---	---	74	98	213	158	---
13	---	---	---	---	---	---	---	78	91	211	164	---
14	---	---	---	---	---	---	---	77	91	217	167	---
15	---	---	---	---	---	---	---	74	105	221	157	---
16	---	---	---	---	---	---	---	72	110	222	159	---
17	---	---	---	---	---	---	---	73	101	215	157	---
18	---	---	---	---	---	---	---	71	91	223	166	---
19	---	---	---	---	---	---	---	77	89	220	167	---
20	---	---	---	---	---	---	---	82	92	218	172	---
21	---	---	---	---	---	---	---	80	86	216	193	---
22	---	---	---	---	---	---	---	79	86	220	195	---
23	---	---	---	---	---	---	---	79	89	218	195	---
24	---	---	---	---	---	---	---	77	89	221	195	---
25	---	---	---	---	---	---	---	78	88	217	197	---
26	---	---	---	---	---	---	---	82	99	223	198	---
27	---	---	---	---	---	---	---	80	105	222	197	---
28	---	---	---	---	---	---	---	85	130	218	187	---
29	---	---	---	---	---	---	---	82	145	217	188	---
30	---	---	---	---	---	---	---	84	163	220	181	---
31	---	---	---	---	---	---	---	82	---	223	---	---
TOTAL	0	0	0	0	0	0	0	2274	2946	6504	5689	0
MEAN	---	---	---	---	---	---	---	73.4	98.2	209.8	189.6	---
MAX	---	---	---	---	---	---	---	85	163	223	224	---
MIN	---	---	---	---	---	---	---	43	81	168	157	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4510	5843	12900	11280	0.00
CAL YEAR 2005	MAX	222.0	MIN	0.000	AC-FT	32210						
WTR YEAR 2006	MAX	224.0	MIN	43.0	AC-FT	34540						

PLATTE RIVER BASIN (Loup River)

TAYLOR-ORD CANAL inlet to Mirdan Canal, 00107100

LOCATION.--NW1/4NW1/4 Sec. 35-21-16 W. near Burwell

GAGE.--Continuous stage recorder and modified Parshall flume

PERIOD OF RECORD.--1989 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	56	99	123	117
2	---	---	---	---	---	---	---	51	52	101	124	111
3	---	---	---	---	---	---	---	50	65	117	124	106
4	---	---	---	---	---	---	---	38	65	112	123	105
5	---	---	---	---	---	---	---	40	67	113	122	91
6	---	---	---	---	---	---	---	49	67	114	129	91
7	---	---	---	---	---	---	---	50	66	122	127	93
8	---	---	---	---	---	---	---	52	72	119	137	81
9	---	---	---	---	---	---	---	53	70	118	140	79
10	---	---	---	---	---	---	---	49	69	119	129	82
11	---	---	---	---	---	---	---	51	63	123	100	76
12	---	---	---	---	---	---	---	50	68	126	115	62
13	---	---	---	---	---	---	---	51	59	126	117	63
14	---	---	---	---	---	---	---	53	53	119	121	57
15	---	---	---	---	---	---	---	47	63	118	115	45
16	---	---	---	---	---	---	---	46	75	119	112	9.6
17	---	---	---	---	---	---	---	45	78	126	109	---
18	---	---	---	---	---	---	---	44	70	129	110	---
19	---	---	---	---	---	---	---	42	68	132	115	---
20	---	---	---	---	---	---	---	45	72	129	113	---
21	---	---	---	---	---	---	---	47	72	127	126	---
22	---	---	---	---	---	---	---	44	68	124	119	---
23	---	---	---	---	---	---	---	45	71	126	116	---
24	---	---	---	---	---	---	---	50	72	125	122	---
25	---	---	---	---	---	---	---	48	70	131	124	---
26	---	---	---	---	---	---	---	52	72	129	129	---
27	---	---	---	---	---	---	---	55	75	134	131	---
28	---	---	---	---	---	---	---	56	80	137	129	---
29	---	---	---	---	---	---	---	58	87	138	125	---
30	---	---	---	---	---	---	---	59	97	138	124	---
31	---	---	---	---	---	---	---	59	---	135	108	---
TOTAL	0	0	0	0	0	0	0	1479	2082	3825	3758	1268.6
MEAN	---	---	---	---	---	---	---	47.7	69.4	123.4	121.2	79.3
MAX	---	---	---	---	---	---	---	59	97	138	140	117
MIN	---	---	---	---	---	---	---	0.00	52	99	100	9.6
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2934	4130	7587	7454	2516
CAL YEAR 2005	MAX	142.0	MIN	0.000	AC-FT	19130						
WTR YEAR 2006	MAX	140.0	MIN	0.000	AC-FT	24620						

**PLATTE RIVER BASIN
(Loup River)**

TAYLOR-ORD CANAL outlet from Mirdan Canal, 00107200

LOCATION.--NW1/4NW1/4 Sec. 17-20-15 W. near Elyria

GAGE.--Continuous stage recorder and modified Parshall flume

PERIOD OF RECORD.--1989 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	36	53	80	74
2	---	---	---	---	---	---	---	19	37	56	80	74
3	---	---	---	---	---	---	---	35	38	59	78	74
4	---	---	---	---	---	---	---	28	38	57	77	74
5	---	---	---	---	---	---	---	25	38	59	79	71
6	---	---	---	---	---	---	---	26	39	62	83	72
7	---	---	---	---	---	---	---	27	39	62	82	72
8	---	---	---	---	---	---	---	29	39	68	75	67
9	---	---	---	---	---	---	---	31	39	71	66	68
10	---	---	---	---	---	---	---	30	39	73	75	69
11	---	---	---	---	---	---	---	29	38	73	76	66
12	---	---	---	---	---	---	---	31	38	75	74	66
13	---	---	---	---	---	---	---	30	39	75	70	65
14	---	---	---	---	---	---	---	30	43	74	69	61
15	---	---	---	---	---	---	---	29	48	76	71	55
16	---	---	---	---	---	---	---	30	49	77	71	20
17	---	---	---	---	---	---	---	31	47	78	70	---
18	---	---	---	---	---	---	---	30	45	80	73	---
19	---	---	---	---	---	---	---	30	45	82	74	---
20	---	---	---	---	---	---	---	34	45	83	68	---
21	---	---	---	---	---	---	---	36	45	80	79	---
22	---	---	---	---	---	---	---	36	44	77	82	---
23	---	---	---	---	---	---	---	36	45	78	76	---
24	---	---	---	---	---	---	---	35	45	76	79	---
25	---	---	---	---	---	---	---	35	45	81	79	---
26	---	---	---	---	---	---	---	36	45	79	77	---
27	---	---	---	---	---	---	---	37	45	83	78	---
28	---	---	---	---	---	---	---	38	45	85	79	---
29	---	---	---	---	---	---	---	37	49	84	80	---
30	---	---	---	---	---	---	---	36	52	83	81	---
31	---	---	---	---	---	---	---	36	---	82	75	---
TOTAL	0	0	0	0	0	0	0	952	1279	2281	2356	1048
MEAN	---	---	---	---	---	---	---	30.7	42.6	73.6	76.0	65.5
MAX	---	---	---	---	---	---	---	38	52	85	83	74
MIN	---	---	---	---	---	---	---	0.00	36	53	66	20
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1888	2537	4524	4673	2079
CAL YEAR 2005	MAX	87.0	MIN	0.000	AC-FT	13960						
WTR YEAR 2006	MAX	85.0	MIN	0.000	AC-FT	15700						

**PLATTE RIVER BASIN
(Loup River)**

KENT CANAL from North Loup River, 00076500

LOCATION.--NWL/4SE1/4 Sec. 26-21-17 W., Loup County

GAGE.--Continuous stage recorder and 20 foot Ramp flume

PERIOD OF RECORD.--1995 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	179	183	---	---	---
2	---	---	---	---	---	---	0.00	182	184	---	---	---
3	---	---	---	---	---	---	0.00	183	181	---	---	---
4	---	---	---	---	---	---	0.00	183	182	---	---	---
5	---	---	---	---	---	---	0.00	183	182	---	---	---
6	---	---	---	---	---	---	0.00	181	182	---	---	---
7	---	---	---	---	---	---	0.00	181	182	---	---	0.00
8	---	---	---	---	---	---	0.00	181	180	---	---	---
9	---	---	---	---	---	---	0.00	182	182	---	---	---
10	---	---	---	---	---	---	16	183	182	---	---	---
11	---	---	---	---	---	---	44	183	183	---	---	---
12	---	---	---	---	---	---	46	183	182	---	---	---
13	---	---	---	---	---	---	46	182	182	---	---	---
14	---	---	---	---	---	---	51	183	181	---	---	---
15	---	---	---	---	---	---	85	182	180	---	---	---
16	---	---	---	---	---	---	92	180	181	---	---	---
17	---	---	---	---	---	---	103	182	178	---	---	---
18	---	---	---	---	---	---	162	182	179	---	---	---
19	---	---	---	---	---	---	182	184	181	---	---	---
20	---	---	---	---	---	---	182	183	181	---	---	---
21	---	---	---	---	---	---	181	184	180	---	---	---
22	---	---	---	---	---	---	183	183	179	---	---	---
23	---	---	---	---	---	---	184	181	178	---	---	---
24	---	---	---	---	---	---	185	181	179	---	---	---
25	---	---	---	---	---	---	182	182	179	---	---	---
26	---	---	---	---	---	---	181	181	149	---	---	---
27	---	---	---	---	---	---	181	179	0.00	---	---	---
28	---	---	---	---	---	---	182	180	0.00	---	---	---
29	---	---	---	---	---	---	181	181	0.00	---	---	---
30	---	---	---	---	---	---	181	181	0.00	---	---	---
31	---	---	---	---	---	---	---	183	---	---	---	---
TOTAL	0	0	0	0	0	0	2830	5638	4672	0	0	0
MEAN	---	---	---	---	---	---	94.3	181.9	155.7	---	---	0.000
MAX	---	---	---	---	---	---	185	184	184	---	---	0.00
MIN	---	---	---	---	---	---	0.00	179	0.00	---	---	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	5613	11180	9267	0.00	0.00	0.00
CAL YEAR 2005	MAX	256.0	MIN	0.000	AC-FT	27050						
WTR YEAR 2006	MAX	185.0	MIN	0.000	AC-FT	26060						

**PLATTE RIVER BASIN
(Loup River)**

CALAMUS RIVER near Harrop, 06787000

LOCATION.--NW1/4SE1/4 Sec. 22-23-18 W., Loup County, Lat. 41° 56' 48", Long. 99° 23' 10", on the right bank 44 feet upstream from bridge on U.S. Highway 183, 12.2 miles north of Taylor.

DRAINAGE AREA.--693 square miles, most of which does not contribute directly to surface runoff.

GAGE.--Continuous stage recorder. Gage elevation is about 2,260 feet above sea level from topographic map.

PERIOD OF RECORD.--June 1978 - present (see USGS reports for other non-continuous periods).

REMARKS.--Record published by U. S. Geological Survey up to Oct. 1, 1997. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,380 cubic feet per second May 28, 1995, gage height 4.68 feet; maximum gage height 6.18 feet February 9, 2001 due to backwater from ice; minimum daily discharge 90 cubic feet per second January 7, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 508 cubic feet per second March 31, gage height 4.88 feet; maximum gage height 5.83 feet November 30 due to backwater from ice; minimum daily discharge 142 cubic feet per second estimated November 30.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	224	219	177e	285	241	269	440	230	217	213	214	217
2	226	221	181e	300	237	262	367	232	217	218	220	229
3	217	222	226e	304	235	246	339	224	216	224	205	216
4	226	221	244e	302	232	246	321	222	212	221	200	213
5	225	218	258e	294	233	251	323	225	215	217	200	212
6	222	218	239e	273	231	245	293	242	216	235	207	209
7	222	221	234e	280	232	243	316	242	213	212	221	208
8	222	228	205e	271	235	243	357	245	264	208	313	207
9	228	218	179e	262	236	241	413	243	239	208	261	220
10	231	216	222e	255	226	245	368	231	241	209	260	266
11	236	218	251e	261	195e	250	294	226	242	212	225	262
12	244	228	258e	264	196e	245	272	226	251	210	214	238
13	241	221	270e	260	223e	241	260	227	235	207	231	227
14	237	215	276e	251	232e	237	259	228	223	206	234	221
15	227	221	253e	264	215e	248	256	230	217	202	227	217
16	225	208	236e	263	210e	244	248	231	255	193	211	238
17	223	215	217e	240	178e	244	247	234	312	188	209	236
18	226	224	216e	242	144e	238	241	230	330	191	221	221
19	232	233	213e	255	173e	261	232	230	272	190	231	216
20	225	236	228e	247	190e	268	223	228	244	190	216	219
21	231	231	239e	240	239e	261	226	227	233	194	209	244
22	231	227	241e	237	264e	263	238	228	230	200	206	301
23	222	230	263e	237	271e	252	238	231	227	203	201	308
24	223	228	301e	236	246	241	249	236	246	196	199	282
25	225	225	287e	235	243	251	270	219	238	199	200	260
26	220	224	281e	244	238	258	269	218	224	209	206	249
27	221	208e	288	249	256	281	265	220	219	207	211	242
28	223	199e	299	248	266	299	244	217	216	197	235	237
29	225	164e	297	238	---	342	235	214	215	194	225	237
30	224	142e	289	236	---	425	230	215	213	189	215	235
31	222	---	274	237	---	471	---	218	---	185	208	---
TOTAL	7026	6499	7642	8010	6317	8311	8533	7069	7092	6327	6835	7087
MEAN	226.6	216.5	246.5	258.4	225.5	268.2	284.5	228.1	236.4	204.0	220.5	236.3
MAX	244	236	301	304	271	471	440	245	330	235	313	308
MIN	217	142	177	235	144	237	223	214	212	185	199	207
AC-FT	13940	12890	15160	15890	12530	16480	16920	14020	14070	12550	13560	14060
CAL YEAR 2005 TOTAL			92818	MEAN	254.3	MAX	483.0	MIN	142.0	AC-FT	184100	
WTR YEAR 2006 TOTAL			86748	MEAN	237.7	MAX	471.0	MIN	142.0	AC-FT	172100	

e indicates estimated discharge.

PLATTE RIVER BASIN (Loup River)

CALAMUS RESERVOIR from Calamus River, 06787300

LOCATION.--NEL/4SW1/4 Sec. 31-22-16 W., Garfield County, Lat. 41° 49' 38", Long. 99° 13', 11", near right bank in control house of outlet works of Calamus Dam on Calamus River, 4 miles upstream from mouth, 5.5 miles northwest of Burwell.

GAGE.--Continuous stage recorder. Gage datum is sea level.

PERIOD OF RECORD.--1985 - present

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of conservation pool	2,244.0	127,400
Top of dead storage pool	2,185.0	817

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	67000	74950	84960	101500	114100	124600	127400	127500	124500	123700	91100	70870
2	67000	75610	86420	100800	114600	123700	128100	127500	124700	122500	89990	71050
3	67060	75860	87290	102100	113900	124300	126400	127500	124800	121400	88900	70730
4	67370	76050	87730	101200	115000	124800	128200	127400	124500	120600	87810	70700
5	67030	76270	88180	102000	115400	125300	128100	127000	124600	119700	86740	70590
6	66930	76600	88620	102100	115000	125800	128100	127100	124600	118500	86030	70380
7	67440	76930	87890	102400	115500	127000	127700	127100	124400	117500	85160	70060
8	67750	77600	89630	102600	116000	127700	127700	127300	124800	116600	84380	69720
9	67680	77150	90280	102800	117600	127700	128100	127500	124600	115600	83870	69440
10	67270	78420	90730	103400	116900	127000	128100	127300	124800	114500	83790	69720
11	67780	79060	91380	104300	116200	126600	127800	127000	124700	113600	83330	69750
12	67850	79360	90650	105900	117700	126800	126800	127000	124700	112400	82320	69780
13	67920	79620	92540	106100	118700	126900	128200	126900	124800	111300	81980	69780
14	67880	80110	91760	106500	119200	126800	128100	126700	124900	110300	81560	69860
15	68330	79540	92710	106900	118300	128200	128000	126600	124600	109100	81060	69680
16	68640	79390	93080	107000	118800	126500	127900	126500	124500	108000	80640	69820
17	68810	80380	92910	107300	117600	126600	127900	126400	125200	107000	80340	70000
18	69440	80720	93370	108700	119400	127900	127700	126200	125500	105800	80000	70130
19	69330	81060	94670	108700	120800	127900	127700	126200	125600	104600	79620	70060
20	69820	81630	95300	108500	121200	128100	127300	125900	125600	103400	78980	70130
21	69820	82210	95690	109000	121500	127100	127600	125600	126200	102000	78530	70380
22	70700	83370	96540	109900	121900	127300	127600	125500	126200	101000	77520	71120
23	70840	83130	96540	110900	121200	127400	127700	125500	126200	100000	76640	71150
24	70940	82980	96670	110400	122900	128300	127800	125600	126500	99030	75680	71220
25	71400	82980	97520	110700	123200	128300	128000	125400	126600	97780	74800	71260
26	72040	83520	98340	112200	123400	128100	128000	125300	126400	96750	73900	71260
27	72610	84070	98380	111400	124200	127600	128300	125200	126100	96540	73400	71440
28	73180	84610	98470	111800	124200	127600	128200	124900	125600	95430	73070	71290
29	73940	85160	100100	112100	---	127800	128000	125200	125200	94210	72460	71290
30	74080	85750	99820	112600	---	128000	127800	124800	124500	93210	71900	71330
31	74220	---	100600	114200	---	126800	---	124600	---	91960	71360	---
MEAN	69420	80140	93190	107000	118700	126900	127800	126300	125200	107900	80540	70470
MAX	74220	85750	100600	114200	124200	128300	128300	127500	126600	123700	91100	71440
MIN	66930	74950	84960	100800	113900	123700	126400	124600	124400	91960	71360	69440
CAL YEAR 2005	MEAN	101200	MAX	123900	MIN	66660						
WTR YEAR 2006	MEAN	102700	MAX	128300	MIN	66930						

PLATTE RIVER BASIN
(Loup River)

MIRDAN CANAL from Calamus Reservoir, 00100500

LOCATION.--NE1/4NW1/4 Sec. 6-21-16 W. near Burwell

GAGE.--Continuous stage recorder and 30 ft. Parshall flume

PERIOD OF RECORD.--1987 - present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	64	168	565	628	255
2	---	---	---	---	---	---	---	49	190	553	578	169
3	---	---	---	---	---	---	---	73	187	456	521	147
4	---	---	---	---	---	---	---	93	178	449	518	147
5	---	---	---	---	---	---	---	90	172	480	526	176
6	---	---	---	---	---	---	---	70	168	492	521	233
7	---	---	---	---	---	---	---	60	162	513	587	213
8	---	---	---	---	---	---	---	71	160	537	476	214
9	---	---	---	---	---	---	---	77	158	547	375	188
10	---	---	---	---	---	---	---	96	154	560	332	110
11	---	---	---	---	---	---	---	105	156	550	382	83
12	---	---	---	---	---	---	---	108	166	589	357	86
13	---	---	---	---	---	---	---	137	184	600	303	77
14	---	---	---	---	---	---	---	137	202	610	279	66
15	---	---	---	---	---	---	---	140	233	565	228	15
16	---	---	---	---	---	---	---	154	235	552	182	0.00
17	---	---	---	---	---	---	---	183	124	570	209	0.00
18	---	---	---	---	---	---	---	193	118	615	291	0.00
19	---	---	---	---	---	---	---	187	113	640	327	20
20	---	---	---	---	---	---	---	175	112	645	327	20
21	---	---	---	---	---	---	47	178	111	607	481	---
22	---	---	---	---	---	---	65	187	146	541	501	---
23	---	---	---	---	---	---	65	180	155	529	519	---
24	---	---	---	---	---	---	66	177	186	591	513	---
25	---	---	---	---	---	---	67	181	183	629	437	---
26	---	---	---	---	---	---	66	184	276	626	349	---
27	---	---	---	---	---	---	64	172	418	640	341	---
28	---	---	---	---	---	---	64	165	485	622	345	---
29	---	---	---	---	---	---	64	156	520	602	322	---
30	---	---	---	---	---	---	64	158	551	597	312	---
31	---	---	---	---	---	---	---	156	---	603	305	---
TOTAL	0	0	0	0	0	0	632	4156	6371	17675	12372	2219
MEAN	---	---	---	---	---	---	63.2	134.1	212.4	570.1	399.1	111.0
MAX	---	---	---	---	---	---	67	193	551	645	628	255
MIN	---	---	---	---	---	---	47	49	111	449	182	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	1254	8243	12640	35060	24540	4401
CAL YEAR 2005	MAX	632.0	MIN	0.000	AC-FT	72780						
WTR YEAR 2006	MAX	645.0	MIN	0.000	AC-FT	86130						

PLATTE RIVER BASIN (Loup River)

CALAMUS FISH HATCHERY INLET from Calamus Reservoir, 00019800

LOCATION.--NE1/4NW1/4 Sec. 6-21-16 W.

GAGE.--Flow meter

PERIOD OF RECORD.--1994 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	5.4	5.6	5.7	5.7	5.8	3.5	9.0	7.3	9.8	15	11
2	14	5.5	5.8	5.7	5.8	5.6	3.4	18	8.6	9.6	16	11
3	11	5.5	5.8	5.8	5.8	5.7	3.2	10	11	9.9	15	11
4	11	5.5	5.8	5.8	5.7	5.8	3.2	14	9.2	11	15	11
5	12	5.5	5.7	5.9	5.8	5.8	3.2	8.4	8.2	11	15	11
6	13	5.5	5.8	5.9	5.8	5.8	3.1	5.3	8.1	11	15	12
7	15	4.8	5.6	5.9	5.7	5.9	8.4	5.2	10	12	15	14
8	14	3.8	5.6	5.8	5.8	5.9	15	7.7	12	12	15	14
9	14	0.13	5.6	5.9	5.8	5.8	16	8.6	12	12	15	14
10	13	0.12	5.5	5.8	5.7	6.0	14	12	12	12	16	12
11	13	0.12	5.3	5.8	5.9	5.9	11	9.7	12	11	16	11
12	11	0.12	5.0	5.8	6.0	6.0	14	6.3	11	11	15	11
13	7.9	0.12	5.1	5.8	6.0	6.0	15	5.3	9.0	11	15	11
14	8.3	0.12	5.2	5.8	6.1	6.0	14	5.4	9.1	11	15	8.4
15	12	0.12	5.0	5.9	6.2	6.0	11	5.2	9.5	11	15	10
16	18	0.94	5.3	5.8	6.1	6.0	11	4.9	11	11	15	13
17	18	0.13	5.4	5.8	6.0	6.0	11	3.9	11	12	15	7.6
18	17	0.12	5.3	6.0	6.0	6.1	11	3.8	11	12	15	7.4
19	13	0.12	5.4	6.1	6.0	6.0	10	3.8	9.2	12	14	8.0
20	9.0	0.12	5.3	6.2	5.9	6.0	9.9	3.9	9.6	12	14	11
21	9.0	0.12	5.4	6.1	5.9	6.0	9.5	3.9	9.2	12	15	13
22	8.8	0.12	5.4	6.0	5.9	6.2	10	6.4	11	12	15	13
23	8.9	0.12	5.5	5.9	5.9	6.2	8.8	8.2	18	12	15	13
24	7.8	0.12	5.4	5.9	5.9	6.4	9.1	9.3	12	12	16	13
25	5.8	0.12	5.5	5.9	5.7	7.4	14	11	11	12	16	11
26	5.7	0.12	5.6	5.8	5.6	8.8	11	13	9.6	12	16	6.4
27	5.8	4.2	5.7	6.0	5.7	9.0	10	10	9.4	12	15	6.6
28	5.6	4.7	5.6	5.9	5.7	7.6	9.2	10	9.5	12	14	8.1
29	5.7	5.7	5.7	5.8	---	4.6	8.9	10	9.6	12	14	12
30	5.7	5.7	5.8	5.8	---	3.5	8.5	9.4	9.8	12	14	15
31	5.5	---	5.7	5.8	---	3.4	---	8.7	---	13	13	---
TOTAL	330.5	64.8	170.4	182.1	164.1	187.2	289.9	250.3	309.9	357.3	464	330.5
MEAN	10.6	2.2	5.5	5.9	5.9	6.0	9.6	8.1	10.3	11.4	15.0	11.0
MAX	18	5.7	5.8	6.2	6.2	9.0	16	18	18	13	16	15
MIN	5.5	0.12	5.0	5.7	5.6	3.4	3.1	3.8	7.3	9.6	13	6.4
AC-FT	656	129	338	361	325	371	575	496	615	709	920	656
CAL YEAR 2005	TOTAL		3343	MEAN	9.2	MAX	23.0	MIN	0.12	AC-FT	6630	
WTR YEAR 2006	TOTAL		3101	MEAN	8.5	MAX	18.0	MIN	0.12	AC-FT	6151	

PLATTE RIVER BASIN
(Loup River)

INLET TO DAVIS CREEK RESERVOIR from Mirdan Canal, 00088500

LOCATION.--SE1/4NE1/4 Sec. 15-17-13 W. near North Loup

GAGE.--Continuous stage recorder and modified Parshall Flume

PERIOD OF RECORD.--1991 to present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	226	205	158	122	35
2	---	---	---	---	---	---	---	220	209	184	133	28
3	---	---	---	---	---	---	---	221	211	183	148	36
4	---	---	---	---	---	---	---	222	214	178	132	42
5	---	---	---	---	---	---	---	221	218	184	138	41
6	---	---	---	---	---	---	---	215	207	171	163	24
7	---	---	---	---	---	---	---	223	198	156	158	18
8	---	---	---	---	---	---	---	232	195	166	162	27
9	---	---	---	---	---	---	---	226	196	188	201	38
10	---	---	---	---	---	---	---	209	207	170	224	57
11	---	---	---	---	---	---	---	210	213	151	224	38
12	---	---	---	---	---	---	---	221	206	149	206	23
13	---	---	---	---	---	---	---	222	194	151	216	7.4
14	---	---	---	---	---	---	---	216	181	150	230	7.2
15	---	---	---	---	---	---	---	224	175	154	187	23
16	---	---	---	---	---	---	28	231	166	163	82	37
17	---	---	---	---	---	---	49	221	211	164	80	34
18	---	---	---	---	---	---	79	205	244	141	62	36
19	---	---	---	---	---	---	136	187	238	115	51	44
20	---	---	---	---	---	---	182	203	228	112	52	46
21	---	---	---	---	---	---	216	206	235	112	51	40
22	---	---	---	---	---	---	222	195	237	145	29	40
23	---	---	---	---	---	---	219	208	223	166	53	38
24	---	---	---	---	---	---	219	212	216	144	61	12
25	---	---	---	---	---	---	225	211	219	119	37	3.1
26	---	---	---	---	---	---	228	212	200	124	31	0.56
27	---	---	---	---	---	---	227	209	169	130	40	0.00
28	---	---	---	---	---	---	227	211	167	143	36	0.00
29	---	---	---	---	---	---	230	217	160	148	25	0.00
30	---	---	---	---	---	---	229	221	150	166	30	0.00
31	---	---	---	---	---	---	---	211	---	146	37	---
TOTAL	0	0	0	0	0	0	2716	6668	6092	4731	3401	775.26
MEAN	---	---	---	---	---	---	181.1	215.1	203.1	152.5	109.7	25.9
MAX	---	---	---	---	---	---	230	232	244	188	230	57
MIN	---	---	---	---	---	---	28	187	150	112	25	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	5387	13230	12080	9384	6746	1538
CAL YEAR 2005	MAX	249.0	MIN	0.000	AC-FT	46400						
WTR YEAR 2006	MAX	244.0	MIN	0.000	AC-FT	48360						

PLATTE RIVER BASIN (Loup River)

DAVIS CREEK RESERVOIR from Calamus Reservoir via Mirdan Canal, 06789400

LOCATION.--NWL/4SW1/4 Section 30-17-12 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1992 to present

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of irrigation pool	2076.0	31,158
Top of inactive pool	2003.0	172
Top of dead storage pool	1998.5	76

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9920	9560	9340	9190	8940	8720	8620	13760	22450	26300	17510	15380
2	9910	9550	9330	9180	8930	8700	8630	14260	22700	26220	17020	14990
3	9900	9540	9320	9170	8930	8690	8630	14670	22860	26210	17020	14650
4	9890	9530	9320	9160	8910	8690	8630	15010	23100	26160	17020	14250
5	9870	9520	9320	9150	8900	8680	8630	15390	23310	26110	17000	13860
6	9850	9510	9310	9140	8890	8670	8650	15640	23570	25980	17050	13500
7	9840	9500	9300	9130	8880	8670	8650	16160	23780	25610	17090	13140
8	9820	9500	9300	9130	8870	8670	8640	16480	23950	25380	17040	12780
9	9810	9480	9300	9120	8870	8660	8620	16810	24110	25210	17210	12340
10	9800	9480	9290	9120	8860	8660	8600	17110	24290	25080	17590	12470
11	9800	9470	9280	9110	8850	8650	8600	17390	24460	24690	17880	12100
12	9790	9450	9280	9100	8840	8640	8590	17640	24650	24460	18110	11740
13	9790	9440	9280	9100	8820	8630	8590	17950	24810	24290	18400	11280
14	9790	9420	9260	9100	8820	8630	8580	18240	24960	23970	18710	10960
15	9780	9420	9260	9090	8810	8630	8580	18490	25000	23800	19040	10860
16	9770	9400	9260	9090	8800	8620	8570	18850	25010	23580	19140	10910
17	9770	9400	9240	9080	8790	8620	8610	19070	25170	23420	19120	10970
18	9760	9390	9240	9060	8780	8620	8680	19330	25500	23070	19130	11020
19	9750	9380	9230	9050	8760	8610	8860	19650	25820	22510	19070	11080
20	9740	9380	9220	9040	8760	8650	9190	19760	26150	21940	19030	11170
21	9730	9380	9220	9030	8750	8650	9520	19990	26410	21480	18930	11260
22	9720	9380	9210	9020	8750	8640	9670	20280	26650	21010	18770	11370
23	9710	9370	9210	9010	8740	8630	9980	20460	26970	20800	18490	11420
24	9700	9370	9210	9000	8740	8630	10840	20670	27200	20630	18250	11470
25	9680	9360	9200	8990	8730	8620	11270	20880	27340	20290	18030	11500
26	9660	9360	9200	8990	8730	8620	11660	21100	27490	19660	17570	11500
27	9640	9360	9200	8980	8720	8620	12100	21330	27420	19360	17300	11510
28	9620	9360	9200	8970	8720	8600	12500	21550	27100	18280	16940	11510
29	9600	9360	9200	8960	---	8590	12890	21770	26890	18560	16560	11500
30	9590	9350	9200	8960	---	8600	13370	21990	26530	18220	16140	11500
31	9570	---	9200	8950	---	8620	---	22230	---	17770	15760	---
MEAN	9760	9432	9256	9070	8818	8643	9565	18510	25190	22900	17800	12130
MAX	9920	9560	9340	9190	8940	8720	13370	22230	27490	26300	19140	15380
MIN	9570	9350	9200	8950	8720	8590	8570	13760	22450	17770	15760	10860
CAL YEAR 2005	MEAN	14010	MAX	31310	MIN	8700						
WTR YEAR 2006	MEAN	13450	MAX	27490	MIN	8570						

**PLATTE RIVER BASIN
(Loup River)**

FULLERTON CANAL from Davis Creek Reservoir, 00054700

LOCATION.--SW1/4SW1/4 Sec. 30-17-13 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1992 to present

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	---	---	---	---	---	0.00	0.00	65	227	345	222
2	---	---	---	---	---	---	0.00	0.00	66	191	224	221
3	---	---	---	---	---	---	0.00	0.00	68	167	132	220
4	---	---	---	---	---	---	0.00	0.00	69	167	128	219
5	---	---	---	---	---	---	0.00	0.00	69	203	128	218
6	---	---	---	---	---	---	0.00	0.00	68	254	128	217
7	---	---	---	---	---	---	0.00	0.00	68	258	174	216
8	---	---	---	---	---	---	0.00	22	69	244	126	216
9	---	---	---	---	---	---	0.00	37	72	242	67	215
10	---	---	---	---	---	---	0.00	38	81	289	63	216
11	---	---	---	---	---	---	0.00	48	84	266	63	230
12	---	---	---	---	---	---	0.00	53	83	249	63	249
13	---	---	---	---	---	---	0.00	52	83	262	62	211
14	---	---	---	---	---	---	0.00	51	103	258	63	85
15	---	---	---	---	---	---	0.00	51	125	237	66	29
16	---	---	---	---	---	---	0.00	55	130	233	66	0.42
17	---	---	---	---	---	---	0.00	58	88	289	66	0.00
18	---	---	---	---	---	---	0.00	59	59	358	65	0.00
19	---	---	---	---	---	---	0.00	60	60	371	63	---
20	---	---	---	---	---	---	0.00	65	60	350	74	---
21	---	---	---	---	---	---	0.00	66	60	328	97	---
22	---	---	---	---	---	---	0.00	66	59	260	119	---
23	---	---	---	---	---	---	0.00	66	67	238	162	---
24	---	---	---	---	---	---	0.00	63	81	268	187	---
25	---	---	---	---	---	---	0.00	63	87	327	195	---
26	---	---	---	---	---	---	0.00	67	167	342	195	---
27	---	---	---	---	---	---	0.00	68	228	326	194	---
28	---	---	---	---	---	---	0.00	68	258	318	197	---
29	---	---	---	---	---	---	0.00	66	271	312	210	---
30	---	---	---	---	---	---	0.00	66	268	312	224	---
31	---	---	---	---	---	---	---	65	---	317	223	---
TOTAL	0	0	0	0	0	0	0	1373	3116	8463	4169	2984.42
MEAN	0.000	---	---	---	---	---	0.000	44.3	103.8	273.1	134.4	165.7
MAX	0.00	---	---	---	---	---	0.00	68	271	371	345	249
MIN	0.00	---	---	---	---	---	0.00	0.00	59	167	62	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2723	6180	16790	8269	5920
CAL YEAR 2005	MAX	363.0	MIN	0.000	AC-FT	40280						
WTR YEAR 2006	MAX	371.0	MIN	0.000	AC-FT	39880						

PLATTE RIVER BASIN (Loup River)

CALAMUS RIVER near Burwell, 06787500

LOCATION.--NW1/4NW1/4 Sec. 9-21-16 W., Garfield County, Lat. 41° 48' 35", Long. 99° 10' 56", on left bank 20 feet downstream from highway bridge, 1.5 mile upstream from mouth, and 3 miles north west of Burwell and 1.1 mile downstream from the Calamus Dam.

DRAINAGE AREA.--1,060 square miles, of which 110 square miles contribute directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,152.48 feet above sea level.

PERIOD OF RECORD.--October 1940 - present (non-recording gage up to April 21, 1945).

REMARKS.--Record published by U. S. Geological Survey up to Oct. 1, 1995. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,790 cubic feet per second May 4, 1964, gage height 7.35 feet; maximum gage height 8.90 feet January 26, 1967 due to backwater from ice; minimum daily discharge 13 cubic feet per second April 27, 1986, due to temporary closure of Calamus Dam.

EXTREMES FOR CURRENT YEAR.--Peak discharge 440 cubic feet per second March 31, gage height 3.14 feet; maximum gage height 3.27 feet February 21 due to backwater from ice conditions; minimum daily discharge 62 cubic feet per second June 7.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	227	103	84e	97	98	102	382	257	75	223	190	203
2	228	104	84e	96	98	103	404	249	70	233	197	200
3	201	105	89e	96	98	103	389	236	71	247	201	199
4	152	105	84e	96	98	104	386	218	71	235	202	199
5	161	105	81e	96	99	104	383	197	67	226	201	199
6	166	106	84e	97	97	104	395	191	66	223	202	199
7	208	103	72e	98	97	113	411	192	63	226	201	198
8	245	95	85e	97	97	149	396	195	64	217	202	190
9	265	94	91	97	97	178	396	206	64	220	228	186
10	258	94	90	96	98	214	397	212	65	224	240	197
11	261	94	90	96	97	220	386	212	64	222	238	201
12	254	95	90	96	98	215	347	188	66	227	238	199
13	248	94	92	97	97	236	337	190	65	230	239	197
14	179	97	92	98	97	214	340	191	70	230	239	196
15	135	95	91	98	97	241	336	187	72	220	239	195
16	127	96	93	98	96e	308	338	187	71	215	227	197
17	120	96	96	97	81e	268	336	185	71	207	222	196
18	118	95	96	98	76e	284	341	168	71	205	212	194
19	116	96	97	97	84e	305	268	160	73	204	218	196
20	117	96	98	97	98	327	139	158	75	205	223	198
21	107	97	98	97	97	331	180	139	75	200	220	216
22	100	97	98	98	97	338	187	125	78	198	213	249
23	98	97	98	99	98	354	192	123	80	206	209	267
24	97	98	98	98	98	363	204	126	79	208	209	264
25	95	99	99	99	99	387	214	120	82	198	204	262
26	95	99	98	99	99	389	210	120	82	201	205	259
27	96	102e	99	98	100	403	253	120	84	203	202	259
28	96	91e	98	100	102	386	277	118	82	202	200	259
29	99	79e	98	99	---	310	281	118	84	202	209	258
30	102	93e	95	99	---	390	294	111	112	202	207	258
31	102	---	97	99	---	407	---	84	---	192	203	---
TOTAL	4873	2920	2855	3023	2688	7950	9399	5283	2212	6651	6640	6490
MEAN	157.2	97.4	92.1	97.5	95.9	256.5	313.3	170.5	73.7	214.5	214.2	216.3
MAX	265	106	99	100	102	407	411	257	112	247	240	267
MIN	95	79	72	96	76	102	139	84	63	192	190	186
AC-FT	9665	5792	5663	5996	5332	15770	18640	10480	4387	13190	13170	12870
CAL YEAR 2005	TOTAL		79412	MEAN	217.6	MAX	446.0	MIN	72.0	AC-FT	157500	
WTR YEAR 2006	TOTAL		60984	MEAN	167.1	MAX	411.0	MIN	63.0	AC-FT	121000	

e indicates estimated discharge.

PLATTE RIVER BASIN
(Loup River)

BURWELL-SUMTER CANAL from North Loup River, 00108000

LOCATION.--NE1/4NW1/4 Sec. 19-21-15 W. near Burwell

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1939 - present

REMARKS.--Records for 1944 - 1946 are published in the 1980 Hydrographic Report

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	0.00	36	43	107	115	88
2	---	---	---	---	---	---	0.00	31	50	104	111	83
3	---	---	---	---	---	---	0.00	35	55	104	115	77
4	---	---	---	---	---	---	0.00	38	58	109	114	76
5	---	---	---	---	---	---	0.00	38	55	115	113	76
6	---	---	---	---	---	---	0.00	37	57	115	113	74
7	---	---	---	---	---	---	0.00	38	57	113	117	68
8	---	---	---	---	---	---	0.00	38	58	111	119	52
9	---	---	---	---	---	---	0.00	40	51	110	116	42
10	---	---	---	---	---	---	0.00	41	59	114	106	38
11	---	---	---	---	---	---	0.00	41	60	109	93	34
12	---	---	---	---	---	---	0.00	39	60	114	96	28
13	---	---	---	---	---	---	0.00	38	59	119	96	11
14	---	---	---	---	---	---	0.00	37	58	119	95	0.00
15	---	---	---	---	---	---	0.00	38	56	118	95	0.00
16	---	---	---	---	---	---	0.00	38	58	119	89	0.00
17	---	---	---	---	---	---	0.00	40	57	118	80	0.00
18	---	---	---	---	---	---	0.00	42	58	120	78	0.00
19	---	---	---	---	---	---	0.00	41	56	119	82	0.00
20	---	---	---	---	---	---	0.00	40	57	118	85	0.00
21	---	---	---	---	---	---	0.00	40	54	124	100	0.00
22	---	---	---	---	---	---	0.00	39	53	119	109	0.00
23	---	---	---	---	---	---	0.00	45	58	117	109	0.00
24	---	---	---	---	---	---	0.00	47	59	116	115	0.00
25	---	---	---	---	---	---	38	47	58	111	121	0.00
26	---	---	---	---	---	---	82	45	61	110	121	0.00
27	---	---	---	---	---	---	37	43	66	114	119	0.00
28	---	---	---	---	---	---	36	42	77	112	108	0.00
29	---	---	---	---	---	---	36	41	103	113	108	0.00
30	---	---	---	---	---	---	38	41	106	111	106	---
31	---	---	---	---	---	---	---	41	---	109	102	---
TOTAL	0	0	0	0	0	0	267	1237	1817	3531	3246	747
MEAN	---	---	---	---	---	---	8.9	39.9	60.6	113.9	104.7	25.8
MAX	---	---	---	---	---	---	82	47	106	124	121	88
MIN	---	---	---	---	---	---	0.00	31	43	104	78	0.00
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	530	2454	3604	7004	6438	1482
CAL YEAR 2005	MAX	129.0	MIN	0.000	AC-FT	18890						
WTR YEAR 2006	MAX	124.0	MIN	0.000	AC-FT	21510						

PLATTE RIVER BASIN (Loup River)

NORTH LOUP RIVER at Ord, 06788500

LOCATION.--SW1/4NW1/4 Sec. 22-19-14 W., Valley County, Lat. 41° 36' 27", Long. 98° 55' 17", on right bank 150 feet downstream from bridge on State Highway 70 at Ord.

DRAINAGE AREA.--3,760 square miles, of which 702 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,012.14 feet above sea level.

PERIOD OF RECORD.--Nov. 1936 - Sep. 1938, (published as "near Ord"), June 1952 - present

REMARKS.--Record published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,100 cubic feet per second June 2, 1962, gage height 5.52 feet; maximum gage height 6.74 feet February 11, 1993 due to backwater from ice; minimum daily discharge 100 cubic feet per second January 3, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,370 cubic feet per second April 8, gage height 3.45 feet; maximum gage height 4.01 feet January 21 due to backwater from ice; minimum daily discharge 231 cubic feet per second June 4.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	877	818	674e	1150	763	844	1420	738	272	404	283	531
2	883	774	647e	980	814	787	1520	609	273	523	353	634
3	883	750	622e	976	828	827	1500	564	255	527	357	596
4	821	789	583e	873	768	859	1370	564	231	525	355	553
5	813	766	559e	715	654	883	1290	528	267	501	357	538
6	738	764	546e	705	662	805	1310	517	256	487	355	560
7	784	776	533e	741	736	774	1460	518	261	452	410	564
8	865	740	564e	740	740	740	2010	518	267	445	504	545
9	910	745	591e	738	785	781	1860	502	310	447	631	611
10	873	756	628e	723	773	841	1590	516	268	461	767	921
11	895	744	659e	719	756	846	1480	540	293	494	903	936
12	937	743	816e	699	716	861	1290	520	291	466	673	810
13	937	811	845e	686	725	842	1160	470	323	466	678	779
14	908	770	891e	665	707	744	1050	476	321	472	606	815
15	722	707	790e	651	758e	789	1010	505	316	436	566	730
16	730	638	701e	656	708e	867	990	509	309	374	568	807
17	723	649	636e	715	587e	882	992	493	536	361	531	796
18	717	623	635e	712	527e	932	972	468	560	322	534	851
19	682	667	623e	659	566e	931	973	455	579	315	490	764
20	699	687	618e	666	650e	965	687	435	363	311	480	716
21	696	654	664e	652	716e	913	622	406	317	326	480	840
22	676	659	788e	641	752e	881	544	359	286	337	399	1030
23	704	705	877e	608	770e	1040	549	352	287	337	371	1300
24	714	721	973e	621	847e	1150	631	351	309	351	361	1130
25	765	732	981e	638	864e	1160	701	372	325	368	350	1050
26	788	658	981e	665	798e	1120	675	370	315	374	363	992
27	787	666	1000e	682	859	1230	670	375	385	412	372	988
28	751	420e	1020e	686	809	1260	755	354	444	384	404	987
29	753	318e	966e	692	---	1350	738	323	353	360	438	953
30	834	593e	1030e	717	---	1440	712	325	335	352	460	916
31	859	---	1070e	715	---	1570	---	321	---	318	497	---
TOTAL	24724	20843	23511	22486	20638	29914	32531	14353	9907	12708	14896	24243
MEAN	797.6	694.7	758.1	725.5	737.1	964.9	1084	463.0	330.2	409.9	480.5	808.3
MAX	937	818	1070	1150	864	1570	2010	738	579	527	903	1300
MIN	676	318	533	608	527	740	544	321	231	311	283	531
AC-FT	49040	41340	46630	44600	40930	59330	64520	28470	19650	25210	29550	48090
CAL YEAR 2005	TOTAL		313147	MEAN	857.9	MAX	2400	MIN	318.0	AC-FT	621100	
WTR YEAR 2006	TOTAL		250754	MEAN	687.0	MAX	2010	MIN	231.0	AC-FT	497400	

e indicates estimated discharge.

PLATTE RIVER BASIN
(Loup River)

ORD-NORTH LOUP CANAL from North Loup River, 00109000

LOCATION.--NW1/4NE1/4 Sec. 36-14-19 W. near Ord

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1939 - present

REMARKS.--Records from 1944 - 1946 are published in the 1980 Hydrographic Report.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	13	32	108	118	73
2	---	---	---	---	---	---	---	60	41	93	114	74
3	---	---	---	---	---	---	---	59	42	81	105	72
4	---	---	---	---	---	---	---	26	43	81	108	70
5	---	---	---	---	---	---	---	17	41	80	108	64
6	---	---	---	---	---	---	---	28	41	80	107	61
7	---	---	---	---	---	---	---	24	41	79	111	56
8	---	---	---	---	---	---	---	24	44	81	108	54
9	---	---	---	---	---	---	---	19	45	86	92	57
10	---	---	---	---	---	---	---	20	47	98	80	48
11	---	---	---	---	---	---	---	21	51	112	80	35
12	---	---	---	---	---	---	---	22	47	117	74	27
13	---	---	---	---	---	---	---	19	52	118	78	14
14	---	---	---	---	---	---	---	21	56	120	71	---
15	---	---	---	---	---	---	---	20	59	119	67	---
16	---	---	---	---	---	---	---	19	60	120	61	---
17	---	---	---	---	---	---	---	20	62	123	63	---
18	---	---	---	---	---	---	---	20	56	119	76	---
19	---	---	---	---	---	---	---	42	55	122	88	---
20	---	---	---	---	---	---	---	45	52	117	93	---
21	---	---	---	---	---	---	---	24	51	119	90	---
22	---	---	---	---	---	---	---	26	51	121	98	---
23	---	---	---	---	---	---	---	21	50	122	112	---
24	---	---	---	---	---	---	---	19	52	117	117	---
25	---	---	---	---	---	---	---	20	51	109	114	---
26	---	---	---	---	---	---	---	31	52	111	117	---
27	---	---	---	---	---	---	---	43	52	118	116	---
28	---	---	---	---	---	---	---	32	52	119	110	---
29	---	---	---	---	---	---	---	41	71	121	101	---
30	---	---	---	---	---	---	---	42	92	121	92	---
31	---	---	---	---	---	---	---	43	---	119	84	---
TOTAL	0	0	0	0	0	0	0	881	1541	3351	2953	705
MEAN	---	---	---	---	---	---	---	28.4	51.4	108.1	95.3	54.2
MAX	---	---	---	---	---	---	---	60	92	123	118	74
MIN	---	---	---	---	---	---	---	13	32	79	61	14
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1747	3057	6647	5857	1398
CAL YEAR 2005	MAX	117.0	MIN	0.000	AC-FT	15580						
WTR YEAR 2006	MAX	123.0	MIN	13.0	AC-FT	18710						

PLATTE RIVER BASIN (Loup River)

MIRA CREEK near North Loup, 06788988

LOCATION.--NWL/4SE1/4 Sec. 27-18-13 W., Valley County, Lat. 41° 30' 09", Long. 98° 47' 47", on left bank near the half section line road running west from Highway 11, 1.4 mile northwest of North Loup.

DRAINAGE AREA.--65.1 Square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,964.41 feet above sea level.

PERIOD OF RECORD.--1979 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,460 cubic feet per second August 5, 1981, gage height 10.56 feet, based on indirect measurement; no flow at times in 1980-81.

EXTREMES FOR CURRENT YEAR.--Peak discharge 482 cubic feet per second September 10, gage height 4.87 feet; minimum daily discharge 0.69 cubic feet per second October 10.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.1	1.7	6.4	5.1	2.8	2.6	9.8	3.7	4.9	4.0	5.2	9.0
2	1.00	1.6	2.9	4.8	2.9	3.3	11	3.7	4.1	4.9	6.6	8.9
3	0.74	1.6	2.9	4.5	3.3	2.6	11	3.7	3.7	4.7	5.8	7.7
4	0.88	1.5	4.1	4.3	2.8	2.5	9.2	3.6	3.7	3.7	5.0	6.5
5	0.98	1.5	5.6	4.3	2.9	2.7	8.3	3.6	3.5	3.7	3.8	5.9
6	0.92	1.5	6.9	3.8	3.2	3.0	7.9	3.6	3.6	3.8	3.7	5.4
7	0.79	1.5	5.7	4.1	3.1	2.7	9.8	3.6	3.6	3.9	5.3	4.6
8	0.71	1.6	3.7	3.9	3.1	2.8	8.0	3.6	3.8	4.3	7.0	4.1
9	0.70	2.1	4.0	3.9	3.0	3.1	7.1	3.7	3.8	4.3	8.1	4.9
10	0.69	2.0	3.2	3.6	3.3	3.2	6.6	3.8	3.9	3.9	8.3	230
11	0.70	1.8	2.9	4.3	3.2	3.5	6.2	3.7	3.7	4.6	16	77
12	0.77	2.2	3.0	4.0	3.2	3.3	5.6	3.6	3.5	4.7	24	42
13	0.73	2.7	3.5	3.8	3.3	3.1	5.2	3.7	3.4	5.2	18	23
14	0.76	2.7	3.7	3.5	3.6	2.8	5.1	3.9	3.4	5.9	13	16
15	1.1	3.3	3.7	3.6	3.9	2.7	4.5	3.8	3.4	6.8	12	11
16	1.1	3.3	4.0	3.4	3.0	2.7	4.7	3.9	3.7	6.8	9.7	8.8
17	1.1	3.1	6.5	2.7	4.0	2.8	4.5	4.5	6.9	6.1	8.1	6.9
18	1.0	3.0	6.2	3.2	4.0	2.8	4.2	4.9	8.5	4.5	6.8	4.8
19	1.1	3.4	7.0	3.5	3.7	2.6	4.1	4.8	6.8	3.9	6.7	3.4
20	1.1	3.7	2.5	3.4	3.7	1.9	3.9	4.7	6.0	3.9	6.8	2.8
21	1.0	3.8	2.2	2.8	2.6	3.9	4.0	4.6	5.4	4.8	6.6	3.0
22	1.1	3.8	2.1	3.4	2.5	5.7	3.8	4.5	4.6	6.5	6.1	3.9
23	1.4	3.8	2.5	3.2	2.7	6.7	3.7	4.8	3.9	8.0	5.7	3.5
24	1.3	3.8	3.6	2.9	3.2	6.4	4.0	6.5	3.8	8.1	5.7	3.0
25	1.3	3.3	4.2	2.7	3.0	6.6	5.6	5.6	4.4	7.4	5.4	2.8
26	1.2	3.5	4.3	3.2	3.0	6.2	4.6	5.7	4.6	6.4	6.7	2.2
27	1.2	4.1	4.7	2.8	3.2	8.0	3.9	5.6	5.4	6.0	7.6	2.0
28	1.2	1.9	4.8	2.7	2.9	7.7	3.8	5.0	5.7	5.8	8.7	1.8
29	1.2	0.80	5.2	2.8	---	9.6	3.8	4.9	5.2	5.5	9.3	1.6
30	1.5	1.3	5.2	2.7	---	16	3.7	5.7	4.4	5.3	10	1.4
31	1.4	---	5.1	2.7	---	12	---	5.6	---	5.2	9.5	---
TOTAL	31.77	75.9	132.3	109.6	89.1	145.5	177.6	136.6	135.3	162.6	261.2	507.9
MEAN	1.0	2.5	4.3	3.5	3.2	4.7	5.9	4.4	4.5	5.2	8.4	16.9
MAX	1.5	4.1	7.0	5.1	4.0	16	11	6.5	8.5	8.1	24	230
MIN	0.69	0.80	2.1	2.7	2.5	1.9	3.7	3.6	3.4	3.7	3.7	1.4
AC-FT	63	151	262	217	177	289	352	271	268	323	518	1007
CAL YEAR 2005	TOTAL		2942	MEAN	8.1	MAX	249.0	MIN	0.69	AC-FT	5835	
WTR YEAR 2006	TOTAL		1965	MEAN	5.4	MAX	230.0	MIN	0.69	AC-FT	3898	

PLATTE RIVER BASIN (Loup River)

CEDAR RIVER near Spalding, 06791500

LOCATION.--NE1/4NE1/4 Sec. 15-20-10 W., Greeley County, Lat. 41° 42' 41", Long. 98° 26' 48", on left bank 15 feet downstream from county road bridge, 0.4 miles upstream from small tributary and 4.7 miles northwest of Spalding.

DRAINAGE AREA.--762 square miles, approximately 50 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 1,896.24 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--Oct. 1944 - Sep. 1953, Oct. 1957 - present

REMARKS.--Record published by U. S. Geological Survey up to October 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 4,000 cubic feet per second on June 23, 1947, gage height 7.50 feet; minimum daily discharge 30 cubic feet per second January 30, 1946.

EXTREMES FOR CURRENT YEAR.--Peak discharge 346 cubic feet per second on April 2, gage height 4.41 feet; maximum gage height 4.91 feet November 30 due to backwater from ice conditions; minimum daily discharge 97 cubic feet per second July 31.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	137	145	114e	182	149	154	317	154	132	115	109	122
2	139	154	123e	176	151	149	336	147	131	123	123	160
3	154	152	123e	175	147	143	288	146	128	122	114	157
4	167	150	126e	172	146	140	248	140	128	117	110	138
5	163	147	123e	174	151	202	217	149	133	116	109	129
6	150	155	110e	173	148	182	209	152	130	114	122	127
7	155	152	112e	178	150	159	217	154	124	110	123	124
8	154	153	109e	177	146	156	213	153	127	108	163	122
9	147	151	114e	170	147	152	214	151	127	111	150	134
10	148	146	125e	165	148	149	222	153	123	115	151	295
11	150	152	140e	173	147	146	217	152	127	119	154	233
12	161	152	155e	174	166	138	201	149	129	119	137	172
13	159	145	163e	173	176	135	187	145	129	121	146	151
14	153	140	164e	175	163	138	175	145	125	141	142	141
15	149	145	147e	177	154	140	171	142	120	130	138	132
16	151	148	136e	173	154	134	179	139	125	118	133	129
17	159	143	129e	162	144e	133	170	141	165	110	146	125
18	144	152	124e	164	120e	131	165	141	245	107	139	121
19	163	159	125e	164	115e	149	160	141	180	106	136	117
20	162	158	138e	160	121e	171	148	131	143	107	136	118
21	161	148	153e	159	137e	156	154	133	138	112	133	132
22	166	147	173e	156	169e	185	149	134	139	105	127	161
23	148	148	199e	153	164e	151	150	133	128	105	125	154
24	152	137	218e	152	151	151	155	146	144	107	123	141
25	146	142	224	152	147	157	178	142	133	111	124	135
26	152	140	211	160	139	160	180	136	125	112	125	133
27	152	156	208	157	143	184	170	140	123	109	127	131
28	149	153e	201	160	149	191	174	133	117	103	131	129
29	153	140e	199	153	---	217	171	124	114	100	124	126
30	162	129e	201	147	---	274	165	128	112	99	127	125
31	147	---	192	150	---	308	---	131	---	97	122	---
TOTAL	4753	4439	4779	5136	4142	5135	5900	4405	4044	3489	4069	4314
MEAN	153.3	148.0	154.2	165.7	148.0	165.6	196.6	142.0	134.8	112.6	131.2	143.9
MAX	167	159	224	182	176	308	336	154	245	141	163	295
MIN	137	129	109	147	115	131	148	124	112	97	109	117
AC-FT	9427	8805	9479	10190	8216	10190	11700	8737	8021	6920	8071	8557
CAL YEAR 2005	TOTAL		61315	MEAN	168.0	MAX	399.0	MIN	98.0	AC-FT	121600	
WTR YEAR 2006	TOTAL		54605	MEAN	149.6	MAX	336.0	MIN	97.0	AC-FT	108300	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Loup River)**

CEDAR RIVER near Fullerton, 06792000

LOCATION.--SE1/4SE1/4 Sec. 33-17-6 W., Nance County, Lat. 41° 23' 41", Long. 98° 00' 13", on left upstream bank near county bridge, 3 miles northwest of Fullerton and 7.4 miles upstream from mouth.

DRAINAGE AREA.--1,220 square miles, of which about 480 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 1,638.39 feet above sea level.

PERIOD OF RECORD.--September 1931 - June 1932, October 1940 - present; non-recording gage before November 5, 1942.

REMARKS.--Record published by U. S. Geological Survey through Sep. 1995. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 64,700 cubic feet per second August 13, 1966, gage height 16.90 ft. (high point on surge); minimum daily discharge 30 cubic feet per second July 18, 1974.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,030 cubic feet per second September 10, gage height 4.70 feet; maximum gage height estimated 5.90 feet November 30 due to backwater from ice conditions; minimum daily discharge 35 cubic feet per second July 31.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	178	187	146e	215e	225	235	341	246	162	114	52	138
2	183	183	143e	223e	222	233	422	263	162	373	324	139
3	183	188	140e	256e	223	223	449	232	152	401	148	167
4	183	203	136e	240e	212e	216	415	237	155	181	135	171
5	198	204	133e	257e	225	221	371	232	136	170	104	172
6	176	209	131e	259e	214	254	323	236	166	145	130	177
7	174	206	125e	227	211	269	307	207	155	159	103	152
8	176	207	131e	226	205	249	317	248	180	136	465	160
9	182	214	134e	223	207	259	294	259	158	127	274	185
10	185	220	142e	218	194e	253	288	260	120	112	238	629
11	187	223	167e	218	170e	238	294	246	162	149	214	731
12	199	223	206e	214	182e	248	294	240	156	118	236	399
13	201	217	218e	215	207e	234	284	231	135	114	214	336
14	195	214	236e	212	218e	224	272	224	92	133	186	282
15	191	222	233e	212	208e	219	266	213	115	118	177	273
16	193	222	252e	218	172e	216	255	197	139	144	156	434
17	198	217e	223e	216	172e	207	279	198	189	111	212	212
18	200	209e	192e	211e	158e	225	260	197	194	102	187	196
19	207	247	175e	218	142e	239	257	193	216	79	258	196
20	199	245	182e	214	171e	199e	250	196	247	93	178	186
21	196	244	191e	184e	191e	198e	238	196	190	66	200	229
22	204	241	207e	213	198e	215e	228	187	174	109	168	267
23	212	234	227e	202e	203e	198e	254	161	167	60	174	259
24	221	233	248e	221	198e	190e	195	200	205	98	171	240
25	216	225	252e	196e	172e	196	272	189	187	67	158	219
26	218	213	276e	208	173e	200	273	188	175	108	154	235
27	211	218	275e	210	199e	225	269	184	164	77	131	227
28	202	207e	270e	228	232	246	261	189	160	62	165	174
29	200	182e	228e	238	---	279	254	196	145	79	151	200
30	200	170e	218e	236	---	346	248	191	118	52	144	221
31	200	---	213e	227	---	481	---	162	---	35	132	---
TOTAL	6068	6427	6050	6855	5504	7435	8730	6598	4876	3892	5739	7606
MEAN	195.7	214.2	195.1	221.1	196.7	239.9	291.0	212.9	162.6	125.6	185.2	253.5
MAX	221	247	276	259	232	481	449	263	247	401	465	731
MIN	174	170	125	184	142	190	195	161	92	35	52	138
AC-FT	12040	12750	12000	13600	10920	14750	17320	13090	9671	7720	11380	15090
CAL YEAR 2005 TOTAL			93135	MEAN	255.2	MAX	1350	MIN	74.0	AC-FT	184700	
WTR YEAR 2006 TOTAL			75780	MEAN	207.6	MAX	731.0	MIN	35.0	AC-FT	150300	

e indicates estimated discharge.

PLATTE RIVER BASIN (Loup River)

LOUP RIVER POWER CANAL RETURN at Columbus, 00082100

LOCATION.--SE1/4SW1/4 Sec. 23-17-1 E., Platte County, Lat. 41° 25' 27", Long. 97° 16' 56", on the left bank 50 feet upstream from the 8th Street bridge over the power canal return near the southeast edge of Columbus, Nebraska.

GAGE.--Continuous stage recorder. Gage datum is 1,400.91 feet above sea level.

PERIOD OF RECORD.--October 1, 2002 - present

REMARKS.--Records are good except estimated records and records below 200 cubic feet per second are poor, and records between 200 and 1,000 cubic feet per second are fair.

EXTREMES FOR CURRENT YEAR.--Peak discharge 5,390 cubic feet per second April 28, gage height 12.77 feet; minimum daily discharge 18 cubic feet per second September 22.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2010	2110	63	1010	1830	1890	2300	1700	869	588	60	952
2	1820	2170	151e	1340	1800	1690	2310	1830	960	756	725	1770
3	1900	2170	413e	714	1730	1830	2660	2020	799	861	854	1420
4	1750	2210	959e	1910	1730	2080	1800	1740	810	1240	308	1870
5	2050	2160	1290e	1810	1800	2460	2210	1430	760	1000	864	1670
6	1750	2190	1450e	1800	1690	2200	2320	1510	779	750	578	1640
7	2280	2190	1930e	1750	1840	2270	2370	1570	643	722	635	1690
8	1780	2350	1810e	1740	1800	2270	2950	1590	624	778	1280	1820
9	2300	2270	1700e	1790	1000	2370	2810	1730	832	659	1930	1590
10	2060	1780	2080e	1410	2100	2410	2030	1510	519	680	2210	2370
11	1990	1960	1920	1740	577	2580	2050	1250	828	833	1850	2830
12	1680	1970	1790	1820	114	2280	2360	1360	374	1410	1850	2730
13	2280	1590	1990	1830	67	2040	1820	1200	721	1090	1870	2670
14	2070	1750	1500e	1800	964	2420	2010	1340	534	1080	1920	2480
15	2330	1780	471e	1850	1680	2310	1960	1610	656	969	363	2780
16	2120	1550	1420e	1730	494	2500	1910	956	672	561	55	2840
17	2310	490	1680e	1690	119	2180	2130	1270	1150	622	50	2500
18	1620	952	1550e	1890	171	2330	1900	1450	1230	393	46	2530
19	2170	2040	1620e	1760	240	2240	1960	916	1340	417	486	2330
20	2110	1710	1630e	1690	519	307	1800	900	1450	377	1890	2270
21	1960	1810	1490e	1940	854	117	1620	1220	1440	405	1430	2450
22	2150	1930	1220e	1780	1480	901	1740	1100	1450	448	1400	2350
23	2590	1940	1760e	1440	1410	894	1530	596	908	497	1340	2490
24	2280	2050	1830e	1750	1060	1550	1590	1540	1110	579	787	2640
25	1420	1770	1560	1740	1270	1620	1470	798	1200	378	775	2980
26	1140	2100	718	1770	473	1630	1840	1050	1080	364	1100	2440
27	1150	2070	670	1760	1510	1230	1980	1150	854	485	481	2660
28	1070	1090e	1010	1940	1700	1120	2050	943	851	465	977	2120
29	708	74	1030	1900	---	1070	1690	802	653	526	972	2470
30	2080	65	1040	1720	---	1260	1880	669	691	682	1050	2320
31	2060	---	347	1780	---	1760	---	1030	---	86	1280	---
TOTAL	58988	52291	40092	52594	32022	55809	61050	39780	26787	20701	31416	67672
MEAN	1902	1743	1293	1698	1144	1800	2035	1283	892.9	667.9	1014	2255
MAX	2590	2350	2080	1940	2100	2580	2950	2020	1450	1410	2210	2980
MIN	708	65	63	714	67	117	1470	596	374	86	46	952
AC-FT	117000	103700	79520	104300	63510	110700	121100	78900	53130	41060	62310	134200
CAL YEAR 2005	TOTAL		571448	MEAN	1566	MAX	3400	MIN	18.0	AC-FT	1133000	
WTR YEAR 2006	TOTAL		539202	MEAN	1477	MAX	2980	MIN	46.0	AC-FT	1069000	

e indicates estimated discharge.

PLATTE RIVER BASIN (Loup River)

BEAVER CREEK at Loretto, 06793500

LOCATION.--NE1/4SE1/4 Sec. 26-21-7 W., Boone County, Lat. 41° 45' 50", Long. 98° 04' 50", on the left bank 5 feet downstream from county road bridge, at west end of Loretto.

DRAINAGE AREA.--311 square miles, approximately 100 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 1,785.95 feet above sea level.

PERIOD OF RECORD.--Oct. 1944 - Sep. 1953, Oct. 1979 - present

REMARKS.--Record published by U. S. Geological Survey up to October 1, 1991. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 5,600 cubic feet per second August 29, 1993, gage height 11.88 feet; minimum daily discharge 12 cubic feet per second July 8, August 8, 9, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 461 cubic feet per second March 30, gage height 4.56 feet; minimum daily discharge 29 cubic feet per second July 18 - 20.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	46	53	38e	70	63	68	309	72	41	34	30	43
2	46	53	38e	69	63	69	223	71	41	34	42	44
3	45	53	36e	68	62	66	251	68	40	36	41	47
4	44	53	33e	69	62	66	223	67	40	35	38	46
5	43	53	30e	69	62	70	160	67	39	35	38	46
6	46	54	35e	68	62	71	123	66	40	34	39	46
7	46	54	37e	67	61	68	150	66	38	33	40	45
8	46	54	42e	67	61	67	194	65	39	32	47	44
9	50	54	41e	66	62	70	152	62	40	32	48	45
10	51	54	49e	66	61	67	123	59	38	33	57	93
11	50	55	52e	65	62	65	108	58	41	33	56	132
12	53	55	54e	66	56	63	95	57	42	33	49	85
13	53	54	50e	66	67	63	87	56	42	33	48	70
14	52	54	41e	66	67	63	80	56	40	33	48	63
15	54	54	34e	66	65	64	76	55	39	34	46	58
16	53	54	35e	64	58e	63	96	56	39	33	44	59
17	51	54	35e	63	50e	63	104	55	47	31	44	53
18	50	58	39e	64	48e	62	90	54	57	29	45	51
19	49	57	40e	64	54e	65	84	52	51	29	44	50
20	49	60	50e	64	68e	68	79	50	46	29	44	50
21	49	59	51e	63	73e	52	74	50	44	30	44	52
22	50	57	58e	62	76e	82	71	50	44	31	42	70
23	52	57	68e	62	75	79	69	50	41	32	40	65
24	53	55	75	60	75	75	68	49	48	30	39	58
25	53	55	88	60	72	75	81	47	51	31	37	56
26	52	55	84	63	71	76	94	46	44	32	39	55
27	52	57	82	62	69	83	87	46	42	32	38	52
28	52	49e	75	64	69	107	79	45	40	31	45	50
29	52	41e	74	64	---	165	75	43	38	32	49	51
30	55	40e	73	63	---	316	74	40	37	30	46	50
31	53	---	74	63	---	394	---	41	---	30	44	---
TOTAL	1550	1615	1611	2013	1794	2825	3579	1719	1269	996	1351	1729
MEAN	50.0	53.9	51.9	65.1	64.1	91.0	119.2	55.6	42.2	32.2	43.6	57.7
MAX	55	60	88	70	76	394	309	72	57	36	57	132
MIN	43	40	30	60	48	52	68	40	37	29	30	43
AC-FT	3074	3203	3195	3993	3558	5603	7099	3410	2517	1976	2680	3429
CAL YEAR 2005	TOTAL		27527	MEAN	75.4	MAX	623.0	MIN	29.0	AC-FT	54600	
WTR YEAR 2006	TOTAL		22051	MEAN	60.4	MAX	394.0	MIN	29.0	AC-FT	43740	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

ELKHORN RIVER near Atkinson, 06796973

LOCATION.--SW1/4NW1/4 Sec. 13-29-14 W., Holt County, Lat. 42° 29' 12", Long. 98° 54' 42", on left bank
10 feet downstream from county road bridge, 4 miles southeast of Atkinson.

DRAINAGE AREA.--Undetermined.

GAGE.--Continuous stage recorder. Gage elevation approximately 2,042 feet above sea level from
topographic map.

PERIOD OF RECORD.--1982 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1991. Records are good, except
estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 4,060 cubic feet per second May 29, 1995, gage height
9.27 feet; minimum daily discharge 0.15 cubic feet per second August 31, 2000.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,290 cubic feet per second April 8, gage height 8.27 feet;
minimum daily discharge 0.15 cubic feet per second August 25.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12	13	1.3e	44	32	41	352	85	23	11	0.42	2.3
2	12	14	4.3e	46	32	38	381	79	23	11	0.84	3.2
3	12	13	3.3e	50	29	35	853	71	22	10	0.55	1.6
4	12	13	4.5e	58	22e	34	840	65	21	9.0	0.34	1.3
5	11	13	6.8e	58	22e	34	631	61	20	7.9	0.37	0.95
6	11	13	6.1e	55	17e	32	484	59	19	7.6	0.23	0.82
7	11	13	5.1e	56	22e	31	963	57	18	6.8	0.62	0.56
8	12	13	7.5e	57	17e	31	2120	56	21	8.8	1.1	0.54
9	12	13	12e	55	21e	32	1660	53	20	7.3	0.90	0.43
10	12	13	15e	53	19e	31	1120	48	19	7.0	0.58	0.67
11	12	13	19e	51	20e	30	745	46	19	6.8	2.3	0.70
12	14	13	15e	52	16e	29	522	43	19	6.2	7.6	0.77
13	13	12	15e	51	21e	29	384	42	19	5.4	3.3	0.92
14	13	12	18e	48	22e	30	286	40	17	4.7	2.0	0.74
15	12	8.9e	12e	48	20e	32	219	38	16	3.8	1.3	0.74
16	13	8.1e	18e	47	18e	33	186	38	18	2.9	1.0	1.4
17	13	5.0e	15e	44	14e	32	166	37	23	2.3	1.9	0.96
18	13	9.7e	11e	41	10e	33	152	36	23	2.3	1.0	0.57
19	12	9.7e	6.8e	39	17e	30e	137	35	21	1.6	0.89	0.60
20	12	11e	10e	38	21e	26e	126	33	20	1.5	0.70	0.64
21	12	9.2e	19e	36	21e	21e	116	32	23	1.5	0.60	1.2
22	12	9.0e	25e	34	19e	18e	109	31	21	1.5	0.48	2.4
23	12	7.6e	32e	35	22e	21e	102	31	20	1.3	0.33	1.6
24	12	7.0e	37e	33	18e	24e	93	29	18	1.2	0.27	1.4
25	13	7.2e	42e	32	20e	27e	97	27	17	0.97	0.15	1.1
26	14	5.4e	51e	33	28e	37	108	26	16	1.3	0.20	0.87
27	13	5.2e	49e	33	35	54	110	25	16	1.2	0.21	0.78
28	13	2.8e	54	33	38	79	105	25	14	0.99	0.20	0.98
29	13	2.1e	43	32	---	151	97	24	13	0.89	0.35	1.4
30	13	0.70e	45	31	---	373	90	23	12	0.70	0.29	3.1
31	13	---	44	31	---	431	---	23	---	0.47	0.20	---
TOTAL	384	289.6	646.7	1354	613	1879	13354	1318	571	135.92	31.22	35.24
MEAN	12.5	9.7	20.9	43.7	21.9	60.6	445.3	42.5	19.1	4.4	1.0	1.2
MAX	14	14	54	58	38	431	2120	85	23	11	7.6	3.2
MIN	11	0.70	1.3	31	10	18	90	23	12	0.47	0.15	0.43
AC-FT	762	574	1283	2686	1216	3727	26490	2614	1133	270	62	70
CAL YEAR 2005	TOTAL		34222	MEAN	93.8	MAX	1620	MIN	0.70	AC-FT	67880	
WTR YEAR 2006	TOTAL		20612	MEAN	56.5	MAX	2120	MIN	0.15	AC-FT	40880	

e indicates estimated discharge.

PLATTE RIVER BASIN (Elkhorn River)

SOUTH FORK ELKHORN RIVER near Ewing, 06798000

LOCATION.--SE1/4NE1/4 Sec. 7-26-9 W., Holt County, Lat. 42° 14' 29", Long. 98° 23' 53", on right bank 7 feet downstream and 80 feet shoreward from bridge on county highway, 2.9 miles southwest of intersection with U.S. Highway 275 in Ewing and 5.5 miles upstream from the mouth.

DRAINAGE AREA.--314 square miles, of which approximately 190 square miles contributes directly to surface runoff.

GAGE.--Continuous Stage Recorder. Elevation of the gage is approximately 1,880 feet from topographic map.

PERIOD OF RECORD.--Oct. 1977 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1991. See USGS reports for period of record before 1977. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 5,640 cubic feet per second March 18, 1987, gage height 7.59 feet; minimum daily discharge 11 cubic feet per second January 15, 1953.

EXTREMES FOR CURRENT YEAR.--Peak discharge 368 cubic feet per second on April 9, gage height 2.69 feet; minimum daily discharge 15 cubic feet per second on July 16.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	37	38	41e	57e	42	47	193	57	27	26	23	23
2	36	36	42e	58e	40	48	161	52	27	29	24	39
3	33	36	37e	55e	38	47	133	49	25	28	21	31
4	38	38	33e	51e	43	47	112	53	24	28	19	29
5	42	38	31e	48e	50	45	98	49	25	27	17	27
6	39	39	35e	47e	48	45	89	49	24	25	21	24
7	42	36	44e	50e	48	40	142	48	22	22	26	22
8	43	33	52e	53e	45	37	241	50	29	23	35	21
9	43	33	57e	53e	45e	41	324	47	22	22	24	23
10	41	37	67e	51e	40e	38	215	43	24	19	17	38
11	42	34	70e	52e	39e	38	142	43	27	20	39	38
12	43	33	70e	51e	52e	44	98	42	27	20	41	31
13	38	33	71e	49e	60e	45	73	42	28	21	33	27
14	35	34	61e	43e	49e	43	61	40	26	24	29	24
15	34	40	53e	46e	37e	43	53	41	25	17	26	24
16	33	43	48e	44e	34e	40	56	45	35	15	24	25
17	31	60	45e	37e	31e	43	53	47	66	16	28	24
18	31	40	39e	44e	28e	44	58	46	53	17	27	26
19	33	37	45e	44e	34e	65	53	44	47	17	26	31
20	34	39	52e	44e	42e	81	50	41	43	19	24	31
21	34	35	49e	42e	47e	113	51	40	40	22	22	36
22	36	36	46e	40e	49e	56	47	37	40	25	22	47
23	35	33	44e	41e	48e	44	45	36	39	26	21	41
24	34	36	46e	39e	52e	48	57	35	43	26	20	38
25	34	39e	54e	44	55e	48	78	34	30	32	20	34
26	33	38e	50e	46	55	48	72	31	30	28	22	32
27	33	30e	52e	42	52	57	72	31	32	23	20	31
28	32	32e	54e	41	50	65	70	29	30	22	24	35
29	33	35e	54e	41	---	83	66	29	28	20	25	34
30	37	48e	57e	40	---	132	61	31	25	18	21	31
31	35	---	53e	41	---	214	---	29	---	17	20	---
TOTAL	1124	1119	1552	1434	1253	1829	3024	1290	963	694	761	917
MEAN	36.3	37.3	50.1	46.3	44.7	59.0	100.8	41.6	32.2	22.4	24.5	30.6
MAX	43	60	71	58	60	214	324	57	66	32	41	47
MIN	31	30	31	37	28	37	45	29	22	15	17	21
AC-FT	2229	2220	3078	2844	2485	3628	5998	2559	1910	1377	1509	1819
CAL YEAR 2005 TOTAL			22612	MEAN	62.0	MAX	440.0	MIN	18.0	AC-FT	44850	
WTR YEAR 2006 TOTAL			15960	MEAN	43.7	MAX	324.0	MIN	15.0	AC-FT	31660	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

ELKHORN RIVER at Neligh, 06798500

LOCATION.--NW1/4SW1/4 Sec. 20-25-6 W., Antelope County, Lat. 42° 07' 23", Long. 98° 02' 37", on the left bank 30 feet downstream from the roadway on State Highway 14 at Neligh, NE.

DRAINAGE AREA.--2,200 square miles, approximately 1,200 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 1,717.50 feet above sea level.

PERIOD OF RECORD.--1930 - 1958, 1960 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. This station was moved to its present location on Nebraska Highway 14 on June 18, 1999. Previous location was 3/4 mile downstream at the old Highway 14 near the Neligh Mill. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 19,300 cubic feet per second May 30, 1995, gage height 13.37 feet (datum for previous location at Neligh Mill); minimum daily discharge 12 cubic feet per second July 1, 1932.

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,180 cubic feet per second April 10, gage height 6.10 feet; minimum daily discharge 42 cubic feet per second July 31.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	142	155	100e	179e	229	227	1310	415	143	121	50	67
2	141	157	108e	181e	228	219	1250	396	137	124	65	87
3	137	158	105e	171e	228	210	1250	371	135	124	58	102
4	132	158	105e	167e	224	206	1200	360	183	117	51	102
5	142	159	110e	166e	224	213	1280	350	144	111	45	100
6	140	157	129e	164e	225	216	1290	344	141	107	48	97
7	139	159	146e	184e	226	214	1440	338	139	102	54	89
8	135	160	135e	201e	224	216	1690	324	150	130	75	82
9	133	160	129e	226e	221	219	2320	321	144	129	80	83
10	136	158	122e	223e	216	217	3050	308	143	111	69	140
11	144	160	138e	252e	206	217	2530	291	145	111	101	148
12	151	163	152e	237e	181e	221	1870	271	142	107	136	125
13	151	158	127e	223e	197	225	1340	261	135	102	125	111
14	150	159	132e	213e	238	220	1020	252	122	99	107	101
15	149	172	124e	218e	226e	219	807	248	113	92	92	98
16	148	158	118e	237e	186e	222	799	239	116	81	83	96
17	144	151	130e	225e	108e	218	672	234	179	75	84	92
18	144	174	119e	230	142e	225	616	223	237	71	94	92
19	140	177	116e	241	186e	227	568	208	198	69	103	90
20	137	180	135e	235	209e	272	494	201	178	67	88	93
21	140	175	147e	230	213e	265	483	195	164	65	84	108
22	143	175	154e	228	214e	250	470	188	157	63	77	155
23	142	174	157e	233	221e	258	455	187	154	60	70	152
24	144	173	166e	229	241	277	454	196	167	56	63	144
25	149	168	171e	229	221e	303	493	185	168	66	62	133
26	152	168	183e	233	217	309	471	180	146	68	62	129
27	152	176e	181e	230	217	348	473	172	142	63	63	124
28	152	148e	183e	227	225	410	470	160	137	58	75	130
29	153	123e	176e	225	---	575	455	151	127	52	74	129
30	156	116e	180e	230	---	943	450	148	121	47	74	119
31	158	---	186e	229	---	1310	---	144	---	42	65	---
TOTAL	4476	4829	4364	6696	5893	9671	31470	7861	4507	2690	2377	3318
MEAN	144.4	160.9	140.7	216.0	210.4	312.1	1050	253.5	150.3	86.8	76.6	110.7
MAX	158	180	186	252	241	1310	3050	415	237	130	136	155
MIN	132	116	100	164	108	206	450	144	113	42	45	67
AC-FT	8878	9578	8656	13280	11690	19180	62420	15590	8940	5336	4715	6581
CAL YEAR 2005	TOTAL		143129	MEAN	392.1	MAX	3350	MIN	60.0	AC-FT	283900	
WTR YEAR 2006	TOTAL		88152	MEAN	241.5	MAX	3050	MIN	42.0	AC-FT	174800	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

WILLOW CREEK near Foster, 06799080

LOCATION.--NW1/4NE1/4 Section 4-25-3 W., Pierce County, Lat. 42° 10' 38", Long. 97° 40' 02", on left downstream bank at county road bridge, 6.8 miles south of Foster and 7.2 miles southwest of Pierce.

DRAINAGE AREA.--137 square miles.

GAGE.--Continuous stage recorder. Gage elevation approximately 1,650 feet above mean sea level, from topographic map.

PERIOD OF RECORD.--1975 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1993. Records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 574 cubic feet per second March 18, 1987, gage height 7.94 feet; maximum stage 8.40 feet August 24, 1995; minimum daily discharge 1.0 cubic feet per second November 4, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 240 cubic feet per second April 1, gage height 7.85 feet from a high water mark; minimum daily discharge 5.6 cubic feet per second September 1.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.6	8.0e	7.5e	11e	11e	9.6e	230e	17	9.4	8.7	6.5	5.6
2	6.6	7.9e	7.9e	12e	11e	9.4e	201e	16	9.2	8.4	6.7	7.5
3	6.6	7.9e	8.4e	13e	10e	9.8e	127e	15	9.2	8.8	6.4	8.0
4	6.5	7.9e	8.7e	12e	9.7e	8.7e	67e	14	9.1	7.5	6.4	7.7
5	6.8	7.6e	8.2e	10e	9.2e	10e	47e	14	9.1	6.9	6.4	7.6
6	6.7	7.9e	8.0e	9.8	9.7e	10e	34e	13	9.0	7.2	6.4	7.5
7	6.8	7.5e	8.3e	11	11e	12e	40	13	8.9	7.6	6.3	7.4
8	7.2	7.9e	8.6e	12	11e	11e	36	13	9.2	7.8	6.3	7.1
9	7.1	7.3e	8.7e	11	12e	13e	35	12	9.0	7.7	6.3	7.2
10	7.0	7.2e	8.6e	9.6	11e	13e	28	12	8.8	7.5	6.3	14
11	7.2	7.2e	8.7e	10	11e	13e	23	12	9.2	6.9	6.5	16
12	8.0	9.0e	9.6e	9.7	9.6e	12e	20	12	9.1	6.9	7.0	12
13	7.5	7.3e	10e	9.1	10e	12e	18	11	8.7	7.1	6.5	8.5e
14	7.2	7.6e	10e	9.4	11e	13e	17	11	8.5	7.4	6.1	7.9e
15	7.1	8.2e	11e	9.0	11e	14e	17	12	8.4	6.8	6.1	9.2e
16	7.2	7.6e	11e	8.7	10.0e	14e	54	11	8.8	6.8	6.0	10e
17	7.2	7.3e	10e	8.9e	9.3e	14e	41	11	15	6.8	6.0	21e
18	7.2	7.6e	10e	8.6e	8.8e	14e	35	10	17	6.8	6.3	16e
19	7.0	7.6e	10e	9.4e	8.7e	15e	29	10	36	6.7	6.5	12e
20	7.2	7.3e	9.8e	9.8e	9.1e	32e	24	10	54	6.7	6.0	12e
21	7.3	7.2e	10.0e	9.1e	9.3e	33e	21	10	45	6.7	5.9	23e
22	7.5	7.6e	10.0e	8.4e	8.8e	17e	19	10	24	6.7	5.9	17e
23	7.7	7.2e	10.0e	9.2e	9.0e	19e	17	10	17	6.7	5.9	15e
24	7.8	7.6e	10e	9.7e	9.9e	19e	16	11	18	6.6	5.9	14e
25	7.9	7.2e	10e	9.7e	9.2e	21e	21	10	15	6.6	5.8	12e
26	7.9	8.0e	11e	10e	9.5e	19e	21	10	14	6.6	5.8	9.8e
27	7.9	9.4e	11e	11e	9.3e	19e	19	10	12	6.6	5.8	10e
28	7.9	11e	11e	11e	9.5e	19e	18	9.6	11	6.5	6.1	11e
29	7.9	9.3e	11e	11e	---	20e	18	9.3	10	6.5	5.8	11e
30	7.9	7.6e	11e	11e	---	21e	17	9.3	8.7	6.5	6.1	11e
31	7.9e	---	11e	11e	---	51e	---	9.6	---	6.5	5.7	---
TOTAL	226.3	235.9	299	315.1	278.6	517.5	1310	357.8	440.3	219.5	191.7	338
MEAN	7.3	7.9	9.6	10.2	10.0	16.8	43.7	11.6	14.7	7.1	6.2	11.3
MAX	8.0	11	11	13	12	51	230	17	54	8.8	7.0	23
MIN	6.5	7.2	7.5	8.4	8.7	8.7	16	9.3	8.4	6.5	5.7	5.6
AC-FT	449	468	593	625	553	1026	2598	710	873	435	380	670
CAL YEAR 2005	TOTAL		5763	MEAN	15.8	MAX	172.0	MIN	4.5	AC-FT	11430	
WTR YEAR 2006	TOTAL		4730	MEAN	13.0	MAX	230.0	MIN	5.6	AC-FT	9381	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

WILLOW CREEK RESERVOIR from Willow Creek, 00410300

LOCATION.--NWL/4SE1/4 Sec. 33-26-2 W. near Pierce, Pierce County, Lat. 42° 10' 49", Long. 97° 33' 18", two miles southwest of Pierce.

DRAINAGE AREA.--210 square miles.

GAGE.--Continuous stage recorder. Gage datum is mean sea level.

PERIOD OF RECORD.--1983 - present

STORAGE LEVEL	ELEVATION (feet)	CONTENT (acre-feet)
Top of flood pool	1637.8	18,780
Top of conservation pool	1625.5	6,890
top of dead storage pool	1602.0	100

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5045e	4964	5134	5584	6037	6365	8051	7221	6965	6988	5562	4941
2	5051e	4951	5130	5603	6034	6354	8155	7193	6922	6886	5587	4923
3	5040	4956	5137	5637	6049	6355	8086	7154	6899	6865	5574	4911
4	5042	4958	5149	5654	6054	6366	7950	7151	6869	6856	5530	4893
5	5025	4962	5158	5673	6070	6387	7892	7145	6877	6816	5493	4882
6	4992	4963	5167	5679	6084	6382	7798	7129	6866	6794	5431	4870
7	4967	4955	5172	5696	6099	6415	7728	7134	6824	6744	5412	4853
8	4951	4970	5183	5711	6112	6451	7674	7104	6773	6756	5381	4836
9	4941	4965	5188	5722	6119	6486	7628	7112	6755	6701	5363	4819
10	4943	4965	5205	5730	6127	6520	7590	7088	6718	6688	5332	4998
11	4944	4958	5223	5743	6127	6520	7522	7096	6706	6663	5357	5015
12	4945	4996	5227	5763	6132	6515	7446	7040	6689	6633	5332	5021
13	4946	4965	5272	5764	6143	6516	7393	7036	6677	6596	5314	5021
14	4948	4982	5296	5776	6157	6542	7409	7031	6647	6567	5308	5004
15	4949	5007	5310	5785	6167	6522	7387	7026	6647	6567	5266	5152
16	4950	4982	5325	5790	6176	6539	7410	7021	6703	6502	5241	5200
17	4952	4992	5324	5791	6175	6541	7426	7036	6728	6462	5211	5213
18	4953	5020	5325	5804	6185	6554	7442	7018	6765	6334	5253	5201
19	4954	5057	5335	5819	6192	6631	7389	7007	6815	6287	5235	5190
20	4956	5057	5345	5831	6201	6671	7374	7028	6858	6208	5229	5190
21	4957	5063	5353	5848	6209	6668	7337	7042	6912	6185	5205	5239
22	4958	5069	5363	5859	6228	6690	7315	7012	7023	6100	5163	5275
23	4959	5073	5381	5886	6251	6718	7301	7090	6901	6069	5139	5294
24	4961	5077	5395	5885	6266	6713	7301	7091	6980	6008	5127	5300
25	4962	5073	5413	5898	6294	6747	7347	7036	6959	5954	5091	5307
26	4963	5071	5427	5909	6304	6756	7287	7031	6956	5900	5061	5313
27	4965	5124	5457	5922	6329	6769	7265	7039	6973	5847	5042	5326
28	4966	5182	5478	5971	6351	6845	7288	7040	6989	5796	5030	5326
29	4967	5160	5515	5981	---	6928	7304	6954	7006	5751	5006	5333
30	4969	5138	5537	5987	---	7285	7350	6980	6997	5695	4983	5333
31	4968	---	5562	6020	---	7658	---	7001	---	5600	4959	---
MEAN	4971	5022	5306	5797	6167	6626	7528	7067	6847	6381	5265	5106
MAX	5051	5182	5562	6020	6351	7658	8155	7221	7023	6988	5587	5333
MIN	4941	4951	5130	5584	6034	6354	7265	6954	6647	5600	4959	4819

CAL YEAR 2005 MEAN 5859 MAX 8397 MIN 4911
WTR YEAR 2006 MEAN 6004 MAX 8155 MIN 4819

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

WILLOW CREEK near Pierce, 00232500

LOCATION.--SE1/4SW1/4 Sec. 33-26-2 W., Pierce County, Lat. 42° 10' 49", Long. 97° 33' 18", on Willow Creek Dam, two miles southwest of Pierce.

DRAINAGE AREA.--210 square miles.

GAGE.--Continuous stage recorder. Gage datum is mean sea level.

PERIOD OF RECORD.--1983 - present

REMARKS.--Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 464 cubic feet per second March 26, 1987, gage height 6.87 feet; minimum daily discharge 0.54 cubic feet per second, July 31, 2006.

EXTREMES FOR CURRENT YEAR.--Peak discharge 141 cubic feet per second April 2, gage height 5.08 feet; minimum daily discharge 0.54 cubic feet per second, July 31.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.8e	4.8e	4.5	2.8	4.6	5.8	92	31	5.7	6.8	0.60	3.6
2	4.6e	4.9e	4.4	2.5	4.7	5.8	130	30	5.5	5.6	1.2	3.7
3	4.6e	4.8	4.1	2.2	4.8	5.9	132	28	5.5	4.7	1.7	3.7
4	4.4e	4.6	4.2	2.0	4.9	6.1	118	27	5.5	4.6	2.0	3.8
5	4.6e	4.6	4.2	2.0	5.0	6.1	101	26	5.6	4.4	2.2	3.9
6	4.8e	4.6	4.2	2.2	5.1	6.1	87	24	5.7	4.2	2.3	3.7
7	4.3e	4.6	4.2	2.2	5.1	6.4	82	24	5.5	4.2	2.0	3.4
8	4.4e	4.5	4.2	2.3	5.2	6.4	75	23	5.4	4.0	2.1	3.5
9	4.8e	4.6	4.3	2.3	5.4	6.4	69	23	5.5	4.0	2.5	3.7
10	4.8e	4.6	4.4	2.6	5.6	6.4	62	21	5.5	3.7	2.6	4.0
11	4.9e	4.7	4.4	2.7	5.6	6.5	56	20	5.3	3.7	2.8	4.0
12	4.6e	5.0	4.4	2.7	5.6	6.6	50	18	5.2	3.6	3.1	4.0
13	4.9e	4.8	4.4	2.9	5.7	6.6	46	17	5.2	3.5	3.4	3.9
14	5.0e	4.8	4.6	2.9	5.7	6.6	41	16	5.1	3.7	3.7	3.9
15	4.4e	5.0	4.7	3.0	5.8	6.6	38	15	5.1	3.4	3.9	4.0
16	4.4e	4.9	4.7	3.3	6.0	6.6	41	14	5.2	3.1	4.1	4.1
17	4.4e	4.9	4.6	3.3	6.1	6.5	44	14	5.3	2.8	4.3	4.6
18	4.5e	5.0	4.6	3.3	6.1	6.5	46	13	5.4	2.5	4.4	4.7
19	4.5e	4.9	4.6	3.5	5.5	6.6	47	13	5.5	2.5	4.5	4.6
20	4.5e	4.9	4.6	3.5	5.3	6.7	42	13	5.7	2.4	4.7	4.8
21	4.5e	4.9	4.5	3.8	5.3	6.5	39	12	7.3	2.2	4.8	5.1
22	4.6e	4.8	4.6	3.8	5.4	6.5	37	11	9.4	1.9	4.9	5.3
23	4.6e	4.8	4.6	4.0	5.4	6.5	35	11	9.9	1.9	4.9	5.3
24	4.6e	4.7	4.7	4.1	5.5	6.3	34	13	12	1.7	4.8	5.4
25	4.6e	4.8	4.7	4.0	5.5	6.2	34	11	13	1.3	4.4	5.4
26	4.7e	4.6	4.7	4.3	5.6	6.4	34	10	12	1.2	3.1	5.4
27	4.7e	4.7	4.6	4.3	5.7	6.4	33	10	12	0.99	2.6	5.5
28	4.7e	5.0	4.3	4.3	5.7	6.4	32	9.8	11	1.1	3.1	5.3
29	4.8e	4.6	3.9	4.5	---	7.3	32	8.1	9.8	0.75	3.5	5.3
30	4.8e	4.5	3.8	4.5	---	18	32	7.0	8.7	0.64	3.6	5.3
31	4.8e	---	3.2	4.6	---	55	---	6.2	---	0.54	3.5	---
TOTAL	143.6	142.9	135.9	100.4	151.9	258.7	1741	519.1	213.5	91.62	101.3	132.9
MEAN	4.6	4.8	4.4	3.2	5.4	8.3	58.0	16.7	7.1	3.0	3.3	4.4
MAX	5.0	5.0	4.7	4.6	6.1	55	132	31	13	6.8	4.9	5.5
MIN	4.3	4.5	3.2	2.0	4.6	5.8	32	6.2	5.1	0.54	0.60	3.4
AC-FT	285	283	270	199	301	513	3453	1030	423	182	201	264
CAL YEAR 2005	TOTAL		5543	MEAN	15.2	MAX	166.0	MIN	1.6	AC-FT	10990	
WTR YEAR 2006	TOTAL		3733	MEAN	10.2	MAX	132.0	MIN	0.54	AC-FT	7404	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

UNION CREEK at Madison, 06799230

LOCATION.--SW1/4SE1/4 Sec. 32-22-1 W., Madison County, Lat. 41° 49' 52", Long. 97° 27' 19", on left bank 12 feet downstream from bridge on old U.S. highway 81, in Madison.

DRAINAGE AREA.--173.76 square miles

GAGE.--Continuous stage recorder. Datum of gage is 1549.70 feet, National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1978 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are good.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 15,100 cubic feet per second June 16, 1990, gage height 25.72 feet; minimum daily discharge 2.0 cubic feet per second August 28, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 650 cubic feet per second September 11, gage height 13.43 feet; minimum daily discharge 2.1 cubic feet per second August 1.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.6	11	16	17	19	13	52	23	12	12	2.1	7.4
2	9.1	12	15	17	18	12	34	22	11	13	6.4	7.2
3	8.8	12	14	17	18	12	33	20	11	12	3.7	7.7
4	22	11	13	17	17	12	31	19	44	11	3.0	7.2
5	40	11	13	18	17	15	24	19	177	11	3.9	6.7
6	39	11	12	17	16	17	23	19	25	10	5.5	6.8
7	19	12	13	17	16	16	28	19	15	9.9	5.3	6.2
8	11	12	17	19	15	17	34	20	12	9.9	12	6.5
9	9.5	12	15	15	14	20	26	19	11	8.7	10	6.5
10	9.4	12	15	15	15	22	22	18	12	8.0	199	181
11	10	12	16	15	15	17	22	18	12	7.5	58	518
12	12	12	17	16	15	16	21	18	11	6.3	56	296
13	10	12	18	16	16	15	20	18	10	7.2	50	36
14	10	13	23	15	18	15	20	18	11	8.3	21	20
15	10	17	20	17	15	16	21	18	9.8	8.7	14	22
16	11	16	20	18	11	14	28	18	16	6.1	11	335
17	10	16	18	14	11	13	24	17	174	5.7	8.9	436
18	10	15	14	15	10	15	23	17	234	4.4	8.9	40
19	9.8	17	13	16	10	17	21	16	31	3.7	17	23
20	13	17	12	14	11	16	20	19	20	4.1	82	15
21	11	17	12	13	11	17	20	16	18	3.5	23	15
22	11	15	13	14	12	14	19	17	18	4.9	13	20
23	11	13	14	15	13	16	19	16	14	3.6	9.4	23
24	11	13	19	15	13	16	21	16	59	3.1	9.4	18
25	11	13	19	14	13	19	23	14	19	2.8	8.6	15
26	11	13	23	15	13	20	21	13	16	3.4	8.7	16
27	11	17	23	15	14	28	21	13	15	2.2	9.1	14
28	11	22	21	21	13	46	21	12	15	2.6	8.7	14
29	11	15	21	21	---	50	22	13	13	3.2	8.3	11
30	14	19	19	22	---	77	23	12	13	3.2	8.1	11
31	12	---	17	20	---	134	---	12	---	2.9	7.5	---
TOTAL	407.2	420	515	510	399	747	737	529	1058.8	202.9	691.5	2141.2
MEAN	13.1	14.0	16.7	16.4	14.2	24.1	24.6	17.0	35.3	6.5	22.3	71.4
MAX	40	22	23	22	19	134	52	23	234	13	199	518
MIN	8.6	11	12	13	10	12	19	12	9.8	2.2	2.1	6.2
AC-FT	808	833	1021	1012	791	1482	1462	1049	2100	402	1372	4247
CAL YEAR 2005	TOTAL		7988	MEAN	21.9	MAX	518.0	MIN	2.6	AC-FT	15840	
WTR YEAR 2006	TOTAL		8359	MEAN	22.9	MAX	518.0	MIN	2.1	AC-FT	16580	

**PLATTE RIVER BASIN
(Elkhorn River)**

PEBBLE CREEK at Scribner, 06799385

LOCATION.--NWL/4SE1/4 Sec. 36-20-6E., Dodge County, Lat. 41° 39' 34", Long 96° 41' 00", on right bank 12 feet downstream from bridge on blacktop county road one mile west and one-quarter mile south of Scribner.

DRAINAGE AREA.--203.52 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,234.72 feet above mean sea level.

PERIOD OF RECORD.--1978 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are fair, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 27,900 cubic feet per second June 5, 1991, gage height 24.15 feet; minimum daily discharge 0.29 cubic feet per second July 20, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharge 342 cubic feet per second June 17, gage height 5.87 feet; minimum daily discharge 4.6 cubic feet per second August 1.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11	13	19e	18e	15e	11e	51	37	33	11	4.6	11
2	11	13	20e	18e	15e	11e	45	27	29	12	5.6	11
3	12	13	19e	18e	14e	11e	49	24	34	12	5.3	11
4	11	13	19e	19e	14e	11	38	22	34	11	5.1	11
5	12	13	17e	19e	15e	12	33	22	30	11	4.8	11
6	12	13	15e	19e	13e	13	32	20	31	10	5.2	11
7	12	13	13e	19e	15e	13	39	21	28	10	4.9	10
8	12	13	15e	20e	15e	14	35	21	23	8.9	7.7	11
9	12	13	14e	19e	13e	21	32	20	23	8.8	9.5	12
10	12	13	19e	21e	14e	20	30	15	20	8.6	8.7	21
11	12	13	19e	21e	13e	16	29	16	16	8.9	15	40
12	14	14e	19e	20e	13e	17	27	16	17	9.1	14	28
13	13	13e	18e	21e	13e	17	27	18	15	8.7	11	15
14	12	13e	17e	23e	15e	17	27	17	14	8.9	9.8	12
15	12	14e	16e	23e	13e	18	26	18	12	9.6	9.9	12
16	12	12e	13e	24e	13e	19	26	18	11	9.3	9.4	26
17	12	14e	13e	27e	13e	19	25	21	210	8.9	11	65
18	12	15e	13e	29e	14e	19	26	24	75	8.3	12	22
19	12	15e	13e	26e	14e	20	25	25	20	7.1	19	16
20	12	15e	13e	25e	15e	21	23	27	17	6.8	12	14
21	13	15e	15e	24e	16e	22	21	28	15	7.4	10	16
22	13	14e	15e	21e	18e	20	21	28	14	7.1	9.6	46
23	13	14e	16e	21e	16e	22	20	30	13	6.8	9.3	53
24	13	14e	18e	19e	14e	23	20	33	18	6.0	9.0	24
25	13	14e	16e	19e	11e	22	22	32	22	5.3	8.9	18
26	13	14e	18e	18e	9.9e	23	20	33	15	5.9	9.1	16
27	13	17e	18e	17e	10e	30	19	36	14	6.8	9.7	16
28	13	24e	17e	16e	11e	41	20	34	13	6.3	13	15
29	13	20e	18e	16e	---	43	35	33	12	6.0	12	15
30	13	20e	17e	16e	---	66	60	30	11	5.6	11	15
31	13	---	17e	16e	---	84	---	29	---	5.0	11	---
TOTAL	383	434	509	632	384.9	716	903	775	839	257.1	297.1	604
MEAN	12.4	14.4	16.4	20.4	13.8	23.2	30.1	25.0	28.0	8.3	9.6	20.1
MAX	14	24	20	29	18	84	60	37	210	12	19	65
MIN	11	12	13	16	9.9	11	19	15	11	5.0	4.6	10
AC-FT	760	861	1010	1254	763	1420	1791	1537	1664	510	589	1198
CAL YEAR 2005 TOTAL			12615	MEAN	34.6	MAX	552.0	MIN	10.0	AC-FT	25020	
WTR YEAR 2006 TOTAL			6734	MEAN	18.4	MAX	210.0	MIN	4.6	AC-FT	13360	

e indicates estimated discharge.

**PLATTE RIVER BASIN
(Elkhorn River)**

LOGAN CREEK at Pender, 06799450

LOCATION.--NW1/4 Section 26-25-6 E., Thurston County, Lat. 42° 06' 40", Long. 96° 42' 00", on left bank just downstream of the State Highway 94 bridge at Pender.

DRAINAGE AREA.--731 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,300.96 feet above mean sea level.

PERIOD OF RECORD.--1965 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1993. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 36,900 cubic feet per second February 19, 1971, gage height 23.11 feet; minimum daily discharge 12 cubic feet per second August 11, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 753 cubic feet per second March 31, gage height 4.80 feet; minimum daily discharge 51 cubic feet per second August 1.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	89	99	71e	117e	124e	131e	416	223	126	130	51	66
2	87	100	75e	120e	123e	131e	279	211	124	131	73	66
3	86	98	78e	122e	121e	130e	262	198	123	126	116	68
4	111	99	82e	122e	118e	123e	225	188	131	120	78	69
5	226	100	86e	122e	117e	126	210	182	128	115	68	69
6	115	99	91e	121e	116e	125	207	180	125	110	65	69
7	105	98	97e	122e	117e	125	210	178	122	104	63	68
8	104	97	103e	123e	119e	127	222	177	120	109	67	68
9	103	96	109e	122e	116e	136	204	174	120	100	67	77
10	103	97	114e	119e	106e	135	198	167	118	95	71	92
11	101	98	116e	119e	104e	128	196	162	120	92	65	173
12	105	97	114e	122e	125e	128	192	160	120	92	65	139
13	105	51	108e	122e	126e	130	189	157	118	92	66	110
14	103	75	105e	121e	122e	125	187	155	115	91	67	89
15	102	84	101e	121e	123e	134	185	157	112	88	64	87
16	102	84	92e	123e	121e	137	187	156	155	82	55	133
17	100	79e	84e	122e	109e	143	225	155	336	78	53	257
18	101	74e	83e	116e	90e	138	198	151	318	74	76	142
19	102	75e	85e	120e	87e	137	192	148	292	72	87	105
20	101	88e	88e	116e	93e	142	187	145	191	71	79	98
21	101	105e	92e	114e	102e	141	181	143	176	68	72	102
22	103	106e	95e	112e	112e	128	177	140	168	67	68	154
23	106	104e	97e	110e	118e	130	175	138	160	66	65	171
24	105	103e	98e	110e	121e	135	171	149	155	64	63	144
25	105	103e	99e	112e	123e	142	176	159	153	63	63	123
26	105	107e	100e	116e	126e	143	182	144	160	61	61	113
27	104	106e	103e	120e	129e	165	176	142	145	59	62	108
28	103	98e	106e	124e	131e	221	177	139	141	58	67	106
29	101	84e	108e	126e	---	234	199	133	136	56	71	103
30	99	72e	111e	128e	---	242	221	128	134	53	69	101
31	97	---	114e	126e	---	510	---	127	---	52	67	---
TOTAL	3280	2776	3005	3710	3239	4822	6206	4966	4642	2630	2124	3270
MEAN	105.8	92.5	96.9	119.7	115.7	155.6	206.9	160.1	154.7	84.8	68.6	109.1
MAX	226	107	116	128	131	510	416	223	336	131	116	257
MIN	86	51	71	110	87	123	171	127	112	52	51	66
AC-FT	6506	5506	5960	7359	6424	9564	12310	9850	9207	5217	4213	6486
CAL YEAR 2005 TOTAL			57390	MEAN	157.2	MAX	1420	MIN	51.0	AC-FT	113800	
WTR YEAR 2006 TOTAL			44670	MEAN	122.4	MAX	510.0	MIN	51.0	AC-FT	88600	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River, 00061000

LOCATION.--Sec. 2-1-43 W. near Laird, CO

GAGE.--Continuous stage recorder and 5 ft. Parshall flume

PERIOD OF RECORD.--1927, 1941, 1949 - 1956, 1962 - present

REMARKS.--Values furnished by the State of Colorado

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18	16	0.00	0.00	0.00	0.00	0.00	23	18	20	15	24
2	18	8.0	0.00	0.00	0.00	0.00	0.00	22	17	21	15	24
3	18	0.00	0.00	0.00	0.00	0.00	0.00	21	17	21	21	18
4	18	0.00	0.00	0.00	0.00	0.00	0.00	20	18	19	22	15
5	17	0.00	0.00	0.00	0.00	0.00	0.00	22	18	23	21	18
6	18	0.00	0.00	0.00	0.00	0.00	0.00	22	16	18	15	21
7	19	0.00	0.00	0.00	0.00	0.00	0.00	20	12	16	16	21
8	22	0.00	0.00	0.00	0.00	0.00	0.00	20	11	16	19	21
9	22	0.00	0.00	0.00	0.00	0.00	0.00	25	11	15	17	20
10	23	0.00	0.00	0.00	0.00	0.00	0.00	26	11	16	17	20
11	22	0.00	0.00	0.00	0.00	0.00	0.00	23	12	17	17	21
12	17	0.00	0.00	0.00	0.00	0.00	0.00	21	13	17	14	22
13	14	0.00	0.00	0.00	0.00	0.00	2.7	20	14	17	18	22
14	18	0.00	0.00	0.00	0.00	0.00	18	19	17	12	18	22
15	20	0.00	0.00	0.00	0.00	0.00	20	18	20	10	18	22
16	20	0.00	0.00	0.00	0.00	0.00	18	19	19	9.1	16	22
17	21	0.00	0.00	0.00	0.00	0.00	23	20	20	8.7	19	22
18	20	0.00	0.00	0.00	0.00	0.00	20	19	19	10	18	22
19	19	0.00	0.00	0.00	0.00	0.00	19	18	17	8.9	18	22
20	22	0.00	0.00	0.00	0.00	0.00	19	16	16	9.2	20	22
21	24	0.00	0.00	0.00	0.00	0.00	21	16	29	22	20	19
22	24	0.00	0.00	0.00	0.00	0.00	15	24	30	17	20	17
23	24	0.00	0.00	0.00	0.00	0.00	14	25	26	15	18	20
24	25	0.00	0.00	0.00	0.00	0.00	15	23	24	15	17	22
25	25	0.00	0.00	0.00	0.00	0.00	15	24	23	16	16	22
26	24	0.00	0.00	0.00	0.00	0.00	15	22	21	16	17	22
27	25	0.00	0.00	0.00	0.00	0.00	25	20	19	20	18	22
28	23	0.00	0.00	0.00	0.00	0.00	24	19	17	16	23	22
29	21	0.00	0.00	0.00	---	0.00	24	18	18	15	22	23
30	19	0.00	0.00	0.00	---	0.00	24	17	18	15	22	24
31	18	---	0.00	0.00	---	0.00	---	19	---	15	21	---
TOTAL	638	24	0	0	0	0	331.7	641	541	485.9	568	634
MEAN	20.6	0.80	0.000	0.000	0.000	0.000	11.1	20.7	18.0	15.7	18.3	21.1
MAX	25	16	0.00	0.00	0.00	0.00	25	26	30	23	23	24
MIN	14	0.00	0.00	0.00	0.00	0.00	0.00	16	11	8.7	14	15
AC-FT	1265	48	0.00	0.00	0.00	0.00	658	1271	1073	964	1127	1258
CAL YEAR 2005	MAX	36.0	MIN	0.000	AC-FT	7199						
WTR YEAR 2006	MAX	30.0	MIN	0.000	AC-FT	7663						

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River, 00061400

LOCATION.--NE1/4NW1/4 Sec. 15-1-42 W. at Colorado - Nebraska State line

GAGE.--Continuous stage recorder and 4 ft. Parshall flume

PERIOD OF RECORD.--1985 - present

REMARKS.--Values furnished by the State of Colorado

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.4	13	0.00	0.00	0.00	0.00	0.00	19	16	14	11	10
2	9.1	11	0.00	0.00	0.00	0.00	0.00	17	12	15	12	3.2
3	9.5	0.00	0.00	0.00	0.00	0.00	0.00	16	13	15	14	3.5
4	10	0.00	0.00	0.00	0.00	0.00	0.00	15	14	15	15	3.0
5	8.3	0.00	0.00	0.00	0.00	0.00	0.00	18	14	16	15	6.5
6	5.4	0.00	0.00	0.00	0.00	0.00	0.00	18	14	12	14	9.3
7	5.5	0.00	0.00	0.00	0.00	0.00	0.00	15	9.6	11	12	8.8
8	9.0	0.00	0.00	0.00	0.00	0.00	0.00	17	8.9	13	13	8.9
9	11	0.00	0.00	0.00	0.00	0.00	0.00	21	8.4	9.7	13	8.6
10	15	0.00	0.00	0.00	0.00	0.00	0.00	21	8.9	13	13	8.8
11	15	0.00	0.00	0.00	0.00	0.00	0.00	19	9.5	15	12	9.2
12	14	0.00	0.00	0.00	0.00	0.00	0.00	15	11	14	11	9.9
13	8.6	0.00	0.00	0.00	0.00	0.00	0.00	15	11	14	7.1	10
14	11	0.00	0.00	0.00	0.00	0.00	6.5	15	12	11	7.0	10
15	14	0.00	0.00	0.00	0.00	0.00	8.3	14	12	7.8	10	7.3
16	14	0.00	0.00	0.00	0.00	0.00	0.12	15	13	7.4	7.0	7.4
17	14	0.00	0.00	0.00	0.00	0.00	3.9	15	14	7.1	13	6.9
18	15	0.00	0.00	0.00	0.00	0.00	5.5	15	14	6.7	13	11
19	14	0.00	0.00	0.00	0.00	0.00	4.3	14	13	7.5	13	12
20	14	0.00	0.00	0.00	0.00	0.00	0.00	9.3	12	7.4	14	11
21	15	0.00	0.00	0.00	0.00	0.00	2.6	12	16	12	13	8.9
22	17	0.00	0.00	0.00	0.00	0.00	6.5	18	15	14	12	7.1
23	23	0.00	0.00	0.00	0.00	0.00	8.5	21	16	12	14	9.9
24	23	0.00	0.00	0.00	0.00	0.00	7.4	17	15	12	12	12
25	23	0.00	0.00	0.00	0.00	0.00	5.7	18	15	12	11	12
26	20	0.00	0.00	0.00	0.00	0.00	9.5	19	15	12	12	12
27	20	0.00	0.00	0.00	0.00	0.00	17	16	15	14	12	11
28	20	0.00	0.00	0.00	0.00	0.00	18	15	14	13	13	11
29	16	0.00	0.00	0.00	---	0.00	19	16	15	11	11	10
30	14	0.00	0.00	0.00	---	0.00	18	15	14	11	13	11
31	13	---	0.00	0.00	---	0.00	---	17	---	11	12	---
TOTAL	428.8	24	0	0	0	0	140.82	507.3	390.3	365.6	374.1	270.2
MEAN	13.8	0.80	0.000	0.000	0.000	0.000	4.7	16.4	13.0	11.8	12.1	9.0
MAX	23	13	0.00	0.00	0.00	0.00	19	21	16	16	15	12
MIN	5.4	0.00	0.00	0.00	0.00	0.00	0.00	9.3	8.4	6.7	7.0	3.0
AC-FT	851	48	0.00	0.00	0.00	0.00	279	1006	774	725	742	536
CAL YEAR 2005	MAX	23.0	MIN	0.000	AC-FT	4724						
WTR YEAR 2006	MAX	23.0	MIN	0.000	AC-FT	4961						

REPUBLICAN RIVER BASIN

HAIGLER CANAL SPILLBACK to Arikaree River, 00061500

LOCATION.--NW1/4NE1/4 Sec. 36-1-42 W. near Haigler

GAGE.--Continuous stage recorder and 4 ft. Parshall flume

PERIOD OF RECORD.--1985, 1987 - present

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.8	0.52	---	---	---	---	---	1.1	9.9	0.20	---	---
2	2.6	1.6	---	---	---	---	---	4.4	6.5	0.00	---	---
3	0.03	0.45	---	---	---	---	---	2.6	5.1	0.70	---	---
4	1.1	0.00	---	---	---	---	---	1.9	6.0	1.1	---	2.4
5	4.4	0.00	---	---	---	---	---	4.0	4.9	2.6	---	0.11
6	2.0	0.00	---	---	---	---	---	5.3	4.4	1.9	---	0.28
7	1.1	0.00	---	---	---	---	---	5.1	1.8	2.7	---	0.54
8	0.55	0.00	---	---	---	---	---	3.9	0.64	---	---	1.2
9	1.5	---	---	---	---	---	---	10	0.00	---	---	2.5
10	3.8	---	---	---	---	---	0.00	12	0.00	---	---	2.6
11	3.9	---	---	---	---	---	0.00	13	0.00	---	0.20	1.9
12	3.8	---	---	---	---	---	0.00	6.1	0.00	---	---	2.0
13	3.2	---	---	---	---	---	0.00	5.5	0.00	---	---	2.7
14	1.9	---	---	---	---	---	0.00	9.7	0.00	---	---	1.6
15	0.90	---	---	---	---	---	1.4	8.7	0.00	---	---	0.81
16	0.51	---	---	---	---	---	0.09	7.8	0.00	---	---	0.46
17	0.60	---	---	---	---	---	0.00	9.9	2.0	---	---	0.00
18	0.72	---	---	---	---	---	0.00	11	1.2	---	---	0.00
19	0.13	---	---	---	---	---	0.00	12	1.4	---	---	0.00
20	0.00	---	---	---	---	---	0.00	4.1	---	---	---	0.39
21	0.00	---	---	---	---	---	0.00	3.4	---	---	2.9	1.1
22	0.00	---	---	---	---	---	0.00	7.8	---	---	1.1	1.4
23	0.00	---	---	---	---	---	0.00	9.8	---	---	1.3	2.3
24	0.00	---	---	---	---	---	0.00	7.2	---	---	0.25	3.8
25	0.00	---	---	---	---	---	0.00	5.6	1.6	---	1.0	4.9
26	0.25	---	---	---	---	---	0.06	9.8	2.2	---	1.2	4.8
27	0.47	---	---	---	---	---	3.0	7.7	2.5	---	1.3	3.1
28	0.64	---	---	---	---	---	2.0	4.1	2.9	---	---	2.5
29	1.6	---	---	---	---	---	3.3	6.1	2.8	---	---	3.9
30	0.21	---	---	---	---	---	1.7	9.2	2.7	---	---	3.8
31	0.53	---	---	---	---	---	---	10	---	---	---	---
TOTAL	38.24	2.57	0	0	0	0	11.55	218.8	58.54	9.2	9.25	51.09
MEAN	1.2	0.32	---	---	---	---	0.55	7.1	2.3	1.3	1.1	1.9
MAX	4.4	1.6	---	---	---	---	3.3	13	9.9	2.7	2.9	4.9
MIN	0.00	0.00	---	---	---	---	0.00	1.1	0.00	0.00	0.20	0.00
AC-FT	76	5.1	0.00	0.00	0.00	0.00	23	434	116	18	18	101
CAL YEAR 2005	MAX	27.0	MIN	0.000	AC-FT	1337						
WTR YEAR 2006	MAX	13.0	MIN	0.000	AC-FT	792						

REPUBLICAN RIVER BASIN

SWANSON LAKE near Trenton, 06829000

LOCATION.--SE1/4NE1/4 Sec. 5-2-33 W., Hitchcock County, Lat. 40° 10' 10", Long. 101° 03' 35", in gate control house at right end of spillway on downstream side of Trenton Dam on Republican River, 2.5 miles west of Trenton.

GAGE.--Continuous stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929.

DRAINAGE AREA.--8,620 square miles, of which approximately 3,940 square miles contributes directly to surface runoff.

PERIOD OF RECORD.--May 1953 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains Region web page. Published by U. S. Geological Survey up to October 1, 1994.

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	35660	35380	35000	35120	36630	38100	40450	41150	40530	39440	37930	37910
2	35610	35350	34940	35200	36680	38180	40530	41150	40500	39350	37930	37880
3	35560	35330	34940	35270	36700	38150	40590	41130	40450	39300	37910	37880
4	35510	35300	34970	35380	36750	38200	40610	41130	40360	39300	37830	37850
5	35480	35300	34970	35380	36790	38260	40640	41100	40250	39190	37770	37830
6	35450	35270	34970	35450	36840	38340	40640	41100	40280	39130	37690	37800
7	35380	35250	34940	35450	36970	38370	40870	41130	40250	39050	37610	37800
8	35380	35220	34970	35580	37080	38480	40900	41150	40110	38970	37690	37770
9	35350	35200	34970	35560	37110	38530	40930	41130	40050	38940	37720	37750
10	35510	35200	34970	35640	37130	38640	40950	41100	39860	38970	37720	37720
11	35610	35170	34940	35690	37190	38700	41040	41070	39880	39000	37610	37690
12	35660	35150	34940	35690	37210	38720	41100	40980	39830	39000	37560	37690
13	35610	35120	34940	35820	37240	38780	41130	40950	39800	38920	37640	37670
14	35610	35070	34940	35870	37290	38830	41180	40930	39770	38890	37770	37640
15	35610	35070	34940	35920	37320	38830	41210	40870	39630	38810	37720	37610
16	35610	35070	34940	35970	37370	38890	41270	40810	39550	38720	37670	37590
17	35610	35020	34940	36000	37370	38920	41300	40780	39910	38640	37610	37560
18	35510	35020	34940	36030	37370	39000	41360	40750	39910	38560	37610	37530
19	35450	35000	34940	36080	37370	39050	41330	40700	39910	38530	37910	37530
20	35610	34970	34920	36080	37370	39130	41270	40670	39860	38370	37910	37510
21	35610	34940	34940	36130	37370	39410	41210	40610	39830	38480	37910	37480
22	35580	34970	34940	36160	37430	39490	41210	40870	39770	38450	37910	37450
23	35560	34970	34920	36210	37430	39630	41180	40900	39630	38420	37960	37430
24	35530	34940	34920	36260	37430	39750	41180	40900	39690	38310	38040	37400
25	35510	34920	34940	36290	37590	39880	41210	40840	39690	38230	38040	37370
26	35510	34890	34940	36340	37750	40000	41210	40750	39720	38200	38010	37350
27	35480	34890	34940	36420	37910	40140	41180	40700	39690	38230	38010	37330
28	35450	35150	34940	36500	37990	40170	41150	40610	39630	38200	37990	37320
29	35430	35050	34940	36550	---	40220	41150	40530	39550	38150	37960	37290
30	35430	35020	35050	36550	---	40330	41150	40450	39520	38070	37960	37270
31	35400	---	35070	36570	---	40450	---	40450	---	37960	37930	---
MEAN	35520	35110	34960	35910	37240	39080	41040	40880	39910	38700	37820	37600
MAX	35660	35380	35070	36570	37990	40450	41360	41150	40530	39440	38040	37910
MIN	35350	34890	34920	35120	36630	38100	40450	40450	39520	37960	37560	37270
CAL YEAR 2005	MEAN	36290	MAX	40190	MIN	30560						
WTR YEAR 2006	MEAN	37810	MAX	41360	MIN	34890						

REPUBLICAN RIVER near Trenton, 00126700

LOCATION.--SE1/4NE1/4 Sec. 5-2-33 W., Hitchcock County, Lat. 40° 10' 10", Long. 101° 03' 35", in gate control house at right end of spillway on downstream side of Trenton Dam, 2.5 miles west of Trenton.

DRAINAGE AREA.--8,620 square miles, of which approximately 3,940 square miles contributes to surface runoff.

GAGE.--Rating of two 6'x 7.5' control gates.

PERIOD OF RECORD.--1995 - present; prior record was for Republican River at Trenton gage, 06829500, located 0.9 miles downstream.

REMARKS.--Current record for period June through August for gate releases from Swanson Reservoir. Record for Republican River at Trenton, 06829500, located 0.9 miles downstream was published by U.S. Geological Survey 1946 - 1993 and Department of Water Resources 1994.

DISCHARGE (CFS), WATER YEAR 2006

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS RELEASED FROM SWANSON RESERVOIR IN 2006.

CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00

REPUBLICAN RIVER BASIN

MEEKER-DRIFTWOOD CANAL from Republican River, 00087000

LOCATION.--SW1/4NW1/4 Sec. 9-2-33 W. below Trenton Dam

GAGE.--Continuous stage recorder and 12 ft. Parshall flume

PERIOD OF RECORD.--1957 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2006

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
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NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00

FRENCHMAN CREEK near Imperial, 06831500

LOCATION.--SW1/4NW1/4 Sec. 3-5-38 W., Chase County, Lat. 40°25'45", Long. 101°37'25", on right bank, 0.2 mile downstream from bridge on county road; 5.8 miles upstream from Enders Dam; 1 mile east and 6.1 miles south of Imperial.

DRAINAGE AREA.--880 square miles, approximately 720 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Elevation of the gage is approximately 3130 feet from topographic map.

PERIOD OF RECORD.--1940 - present (published as Frenchman River near Imperial 1965-1972)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,340 cubic feet per second March 22, 1960, gage height 8.43 ft.; minimum daily discharge 1.7 cubic feet per second July 24 & 25, 2003.

EXTREMES FOR CURRENT YEAR.--Peak discharge 42 cubic feet per second July 4, gage height 1.84 feet; minimum daily discharge 1.7 cubic feet per second July 31, August 1 & August 5.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.0	3.7	4.0	4.2	4.1	4.8	4.6	4.3	4.0	2.7	1.7	3.0
2	3.0	3.7	4.0	4.2	4.1	4.8	4.6	4.3	3.8	2.8	1.8	3.1
3	3.0	3.5	4.1	4.2	4.1	4.8	4.5	4.2	3.7	3.1	1.8	3.0
4	3.0	3.3	4.0	4.1	4.1	4.8	4.7	4.3	3.6	6.9	1.8	2.9
5	3.3	3.4	4.0	4.0	4.2	4.7	4.7	4.4	3.5	8.3	1.7	2.9
6	3.2	3.4	3.9	4.0	4.3	4.7	4.6	4.6	3.5	4.0	1.8	2.9
7	3.2	3.4	3.9	4.1	4.3	4.7	4.9	4.5	3.3	3.6	2.0	2.8
8	3.2	3.4	3.8	4.1	4.3	4.7	4.7	4.5	3.0	3.5	2.3	2.8
9	3.2	3.5	3.8	4.0	4.3	4.7	4.6	4.4	2.9	3.4	2.2	3.7
10	4.4	3.5	4.0	4.0	4.3	4.7	4.6	4.4	3.1	3.4	2.0	3.8
11	5.2	3.7	4.2	4.0	4.3	4.7	4.5	4.3	3.5	3.3	1.9	3.4
12	4.6	3.8	4.2	4.2	4.4	4.7	4.4	4.3	3.3	3.1	2.0	3.2
13	4.1	3.7	4.2	4.1	4.4	4.7	4.3	4.2	3.1	2.9	2.7	3.0
14	3.8	3.7	4.1	4.1	4.4	4.6	4.2	4.2	2.8	2.8	2.3	2.9
15	3.7	3.6	4.1	4.2	4.4	4.6	4.2	4.2	2.6	2.6	2.2	2.8
16	3.7	3.7	4.1	4.1	4.2	4.5	4.1	4.1	2.7	2.4	2.2	2.7
17	3.6	3.7	4.1	4.0	4.2	4.6	4.2	4.1	3.8	2.3	2.4	2.7
18	3.5	3.8	4.1	4.1	4.3	4.6	4.1	4.1	3.4	2.3	2.3	2.7
19	3.5	3.8	4.1	4.1	4.4	4.9	4.1	4.0	3.0	2.2	2.3	2.8
20	3.8	3.8	4.1	4.1	4.5	5.2	4.1	3.9	2.8	2.2	2.3	2.8
21	3.9	3.7	4.1	4.1	4.6	5.1	4.2	3.9	2.7	2.3	2.3	3.8
22	3.8	3.8	4.2	4.0	4.7	5.0	4.3	3.8	2.8	2.4	2.2	4.1
23	3.7	3.7	4.2	4.1	4.7	5.1	4.2	4.4	2.8	2.3	2.1	3.4
24	3.7	3.7	4.2	4.1	4.9	5.2	4.5	4.1	3.4	2.1	2.0	3.1
25	3.7	3.8	4.2	4.1	4.8	5.1	4.4	4.0	3.0	2.0	2.2	3.1
26	3.8	3.8	4.2	4.1	4.7	5.1	4.3	4.0	2.8	2.1	2.4	3.0
27	3.7	3.9	4.2	4.1	4.7	4.9	4.3	3.9	2.8	2.1	2.6	3.1
28	3.7	3.9	4.2	4.1	4.8	4.8	4.3	3.7	2.7	2.1	2.9	3.0
29	3.7	3.9	4.2	4.1	---	4.8	4.2	3.6	2.7	1.9	2.9	3.0
30	3.7	4.0	4.2	4.1	---	4.7	4.2	3.9	2.7	1.8	2.8	3.0
31	3.7	---	4.2	4.1	---	4.6	---	4.0	---	1.7	2.7	---
TOTAL	113.1	110.3	126.9	126.9	123.5	148.9	131.6	128.6	93.8	90.6	68.8	92.5
MEAN	3.7	3.7	4.1	4.1	4.4	4.8	4.4	4.2	3.1	2.9	2.2	3.1
MAX	5.2	4.0	4.2	4.2	4.9	5.2	4.9	4.6	4.0	8.3	2.9	4.1
MIN	3.0	3.3	3.8	4.0	4.1	4.5	4.1	3.6	2.6	1.7	1.7	2.7
AC-FT	224	219	252	252	245	295	261	255	186	180	136	183
CAL YEAR 2005	TOTAL		1532	MEAN	4.2	MAX	30.0	MIN	2.5	AC-FT	3038	
WTR YEAR 2006	TOTAL		1356	MEAN	3.7	MAX	8.3	MIN	1.7	AC-FT	2689	

REPUBLICAN RIVER BASIN

FRENCHMAN CREEK near Enders, 06832500

LOCATION.--NW1/4NW1/4 Sec. 10-5-37 W., Chase County, Latitude 40°25'15", Long. 101°30'35", on left bank about 75 feet downstream from county bridge, about 1/4 mile downstream from Enders Dam and Highway 61, and 2.5 miles southeast of Enders.

DRAINAGE AREA.--950 square miles; approximately 790 square miles contributes directly to surface runoff. Almost all drainage above gage is controlled by Enders Dam.

GAGE.--Continuous stage recorder. Gage datum is 3,026.22 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1946 - 1994 continuous all year record, 1995 - presently operated during irrigation season when water is released from Enders Reservoir.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.

DISCHARGE (CFS), WATER YEAR 2006

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS RELEASED FROM ENDERS RESERVOIR IN 2006.

CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00

STINKING WATER CREEK near Palisade, 06835000

LOCATION.--SW1/4NW1/4 Sec. 30-5-33 W., Hayes County, Lat. 40°22'23", Long. 101°07'01", on right bank 25 feet downstream from 96 inch corrugated metal pipe, 1.25 miles upstream from mouth, and 1.75 miles northwest of Palisade.

DRAINAGE AREA.--Approximately 1,500 square miles; approximately 380 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,750.99 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1949 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,030 cubic feet per second on June 17, 1956, gage height 11.30 feet; minimum daily discharge 4.5 cubic feet per second July 31 & August 1, 2006.

EXTREMES FOR CURRENT YEAR.--Peak discharge 21 cubic feet per second August 13, gage height 3.06 feet; minimum daily discharge 4.5 cubic feet per second July 31 & August 1.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.9	13	9.0e	15	15	16	14	14	8.9	7.5	4.5	6.3
2	7.9	13	8.5e	15	15	16	14	14	8.8	7.3	4.6	6.4
3	8.0	12	7.6e	15	14	16	14	13	8.6	9.1	4.7	6.5
4	8.0	12	6.7e	15	14	15	14	13	8.4	8.1	4.6	6.4
5	8.1	11	6.4e	15	14	15	14	13	8.4	7.8	4.6	6.4
6	8.5	11	8.0e	14	14	15	14	13	8.9	7.7	4.6	6.3
7	9.1	11	7.1e	14	14	15	15	13	8.6	7.6	4.7	6.2
8	9.5	11	6.6e	14	14	14	15	13	8.1	7.3	5.7	6.4
9	9.8	12	6.0e	14	14	14	15	13	7.8	7.2	5.4	6.5
10	11	11	6.7e	14	14	14	15	12	7.8	7.3	5.3	6.6
11	12	11	8.4e	14	14	14	15	12	8.3	8.1	5.2	6.6
12	13	11	12e	14	14	13	14	12	8.1	8.8	9.5	6.7
13	13	14	12e	14	14	13	14	12	8.1	7.2	16	6.6
14	13	14	11e	14	14e	13	14	11	7.7	6.6	8.6	6.7
15	13	15	11e	14	13e	13	14	11	7.3	6.1	7.2	6.6
16	12	16	11e	14	12e	13	14	11	7.7	5.7	6.3	6.9
17	12	16	10e	14	11e	13	14	11	9.6	5.5	5.9	7.0
18	12	16	9.0e	14	9.7e	13e	14	11	9.9	5.4	5.7	7.0
19	12	17	9.4e	14	10e	12e	14	11	9.6	5.3	5.6	7.3
20	12	17	11e	14	12e	12e	14	10	8.2	5.0	5.6	7.6
21	12	17	13e	14	14e	11e	14	10	8.0	5.7	5.6	8.7
22	13	16	15e	14	16e	11e	14	10	7.9	5.5	5.4	9.4
23	13	16	16	14	16e	11e	14	10	7.9	5.6	5.2	10
24	13	16	16	14	16	12e	14	10	8.2	5.4	5.0	10
25	13	16	16	14	16	13e	14	10.0	8.3	5.1	4.7	8.1
26	13	16	16	14	16	14e	14	9.6	8.3	5.0	4.9	8.0
27	13	16	16	14	16	14e	14	9.5	8.0	5.1	5.2	8.4
28	13	14	16	15	16	15	14	8.9	7.9	5.1	5.8	8.0
29	13	11e	16	15	---	15	14	8.5	8.2	5.1	6.4	8.0
30	13	11e	16	15	---	15	14	8.5	7.9	4.9	6.1	7.9
31	13	---	15	15	---	15	---	8.7	---	4.5	5.9	---
TOTAL	353.8	413	348.4	443	391.7	425	425	346.7	249.4	197.6	184.5	219.5
MEAN	11.5	13.8	11.3	14.4	14.0	13.6	14.1	11.2	8.3	6.4	6.0	7.3
MAX	13	17	16	15	16	16	15	14	9.9	9.1	16	10
MIN	7.9	11	6.0	14	9.7	11	14	8.5	7.3	4.5	4.5	6.2
AC-FT	702	819	691	879	777	843	843	688	495	392	366	435
CAL YEAR 2005	TOTAL		5983	MEAN	16.4	MAX	257.0	MIN	6.0	AC-FT	11870	
WTR YEAR 2006	TOTAL		3998	MEAN	11.0	MAX	17.0	MIN	4.5	AC-FT	7929	

e indicates estimated discharge.

R E P U B L I C A N R I V E R B A S I N

CULBERTSON CANAL from Frenchman River, 00035000

LOCATION.--SW1/4NW1/4 Sec. 32-5-33 W. near Palisade

GAGE.--Continuous stage recorder and Parshall flume

PERIOD OF RECORD.--1920 - present

REMARKS.--Values are furnished by United States Bureau of Reclamation.

DISCHARGE (CFS), WATER YEAR 2006

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
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NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	38.0	MIN	0.000	AC-FT	6573	
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00	

RIVERSIDE CANAL from Frenchman River, 00127000

LOCATION.--NE1/4SE1/4 Sec. 33-4-32 W. near Culbertson

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1920 - 1925, 1927, 1937 - 1941, 1953 - 1958, 1963 - present

DISCHARGE (CFS), WATER YEAR 2006

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	14.0	MIN	0.070	AC-FT	1870
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00

REPUBLICAN RIVER BASIN

RED WILLOW CREEK above Hugh Butler Lake, 06837300

LOCATION.--NEL/4SE1/4 Sec. 13-5-31 W., Hayes County, Lat. 40°24'05", Long. 100°46'45", on the left bank 15 feet upstream from the County road bridge; 7.0 miles upstream from Red Willow Dam; 12 miles northeast of Culbertson and 16 miles north west of McCook.

DRAINAGE AREA.--Approximately 600 square miles; approximately 200 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,588.80 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1960 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 4,020 cubic feet per second June 16, 1972, gage height 13.27 feet (at different datum); minimum daily discharge 2.5 cubic feet per second August 1 & 4, 2005 and July 20 2006.

EXTREMES FOR CURRENT YEAR.--Peak discharge 17 cubic feet per second April 3, gage height 3.21 feet; minimum daily discharge 2.5 cubic feet per second July 20.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.5	10.0	6.4e	15	13	15	16	11	5.6	3.1	3.7	4.4
2	4.6	9.7	5.4e	14	12	14	15	11	6.7	3.1	4.2	5.1
3	4.7	9.6	5.2e	14	13	14	16	11	6.8	7.3	4.4	5.6
4	4.7	9.6	5.5e	14	12	13	14	11	6.0	5.2	4.2	5.6
5	4.6	9.5	6.0e	13	12	13	13	11	5.7	4.2	3.8	5.4
6	4.7	9.6	6.0e	13	13	13	13	11	5.6	3.5	3.6	5.5
7	5.2	9.5	5.6e	13	13	13	14	11	5.4	3.7	4.0	5.3
8	5.5	9.6	5.3e	13	13	14	15	10	4.9	3.9	4.6	5.3
9	13	9.8	5.5e	13	13	13	15	9.2	4.4	3.9	5.1	5.9
10	13	13	7.4e	13	12e	13	15	9.4	4.2	4.0	6.2	6.8
11	11	12	9.4e	13	11e	13	14	9.0	4.4	4.1	3.9	7.4
12	12	11	10e	13	10e	13	13	9.0	5.1	4.2	3.4	7.8
13	12	11	11e	13	10e	12	13	8.7	5.2	3.9	8.9	7.2
14	11	11	11e	13	11e	12	12	8.2	4.5	3.8	5.1	6.7
15	9.7	11	11e	13	13e	12	12	7.3	4.1	3.6	4.1	6.2
16	8.4	17	11e	13	13e	12	12	7.3	5.4	3.2	3.7	6.0
17	7.7	14	10e	13	9.1e	12	12	7.9	6.9	3.0	3.8	5.4
18	7.4	13	10e	12	7.1e	12	11	6.9	8.8	2.8	3.6	5.4
19	7.3	12	11e	13	6.5e	13e	11	7.0	11	2.7	3.6	5.4
20	9.3	12	11e	13	6.7e	12e	11	6.2	7.7	2.5	3.7	5.3
21	9.4	12	13e	13	8.0e	11e	11	6.5	5.2	7.2	3.8	6.1
22	9.1	11	15e	12e	10e	11e	11	6.0	4.2	5.0	3.7	6.8
23	9.4	17	17e	11e	12e	12e	11	6.0	4.3	4.2	3.7	7.9
24	9.4	15	17e	11e	13e	13e	11	6.2	5.0	3.9	3.5	9.5
25	9.4	13	18	12e	14e	15e	11	6.4	4.7	3.3	3.3	9.3
26	9.0	12	18	12	13e	18	12	6.2	5.9	2.9	3.5	8.4
27	8.9	12e	17	13	14	19	12	5.8	4.5	3.6	3.7	7.4
28	9.0	12e	16	13	15	19	11	5.6	3.9	3.8	4.2	6.8
29	14	10e	16	13	---	19	11	4.8	3.8	3.5	4.4	6.7
30	13	8.1e	15	13	---	17	11	4.9	3.4	3.1	4.3	6.7
31	11	---	15	13	---	16	---	5.1	---	3.1	3.9	---
TOTAL	271.9	346	340.7	400	322.4	428	379	246.6	163.3	119.3	129.6	193.3
MEAN	8.7	11.5	11.0	12.8	11.4	13.8	12.7	7.9	5.5	3.8	4.2	6.4
MAX	14	17	18	15	15	19	16	11	11	7.3	8.9	9.5
MIN	4.5	8.1	5.2	11	6.5	11	11	4.8	3.4	2.5	3.3	4.4
AC-FT	539	686	676	793	639	849	752	489	324	237	257	383
CAL YEAR 2005	TOTAL		4250	MEAN	11.6	MAX	65.0	MIN	2.5	AC-FT	8429	
WTR YEAR 2006	TOTAL		3340	MEAN	9.2	MAX	19.0	MIN	2.5	AC-FT	6625	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

HUGH BUTLER LAKE near McCook, 06837390

LOCATION.--SW1/4NW1/4 Sec. 31-5-29 W., Frontier County, Lat. 40° 21' 35", 100° 39' 55", in gate control house at outlet tube of Red Willow Dam on Red Willow Creek, 12 miles north of McCook.

DRAINAGE AREA.--730 square miles, of which approximately 310 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1961 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains Region web page. Published by U. S. Geological Survey up to October 1, 1994.

STORAGE (ACFT), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19570	19690	19820	20250	20540	20760	21280	21300	20960	19830	14060	11880
2	19570	19680	19830	20270	20560	20760	21290	21300	20940	19660	13930	11880
3	19560	19690	19860	20280	20550	20760	21290	21300	20910	19570	13770	11880
4	19540	19690	19870	20300	20560	20770	21290	21300	20900	19360	13640	11880
5	19530	19700	19880	20330	20580	20780	21300	21300	20890	19120	13530	11880
6	19510	19710	19880	20320	20590	20780	21320	21310	20890	18840	13430	11880
7	19450	19710	19880	20330	20590	20810	21390	21320	20870	18590	13330	11880
8	19430	19710	19890	20370	20610	20820	21390	21330	20840	18400	13290	11880
9	19410	19710	19900	20350	20610	20850	21380	21330	20780	18230	13180	11880
10	19460	19700	19910	20360	20630	20850	21380	21320	20760	18030	13060	11880
11	19590	19710	19910	20370	20620	20850	21390	21300	20730	17860	12960	11880
12	19610	19710	19920	20390	20600	20870	21390	21280	20730	17700	12860	11880
13	19620	19710	19950	20400	20590	20880	21390	21260	20700	17500	12750	11880
14	19620	19710	19980	20410	20600	20880	21390	21250	20680	17330	12580	11900
15	19630	19710	19980	20430	20620	20870	21390	21240	20640	17130	12380	11900
16	19630	19700	19990	20440	20630	20880	21390	21230	20600	16890	12200	12020
17	19640	19700	19990	20440	20620	20850	21390	21220	20670	16660	12040	12030
18	19640	19710	20000	20450	20630	20890	21430	21200	20770	16420	11890	12040
19	19630	19710	20010	20450	20640	20920	21360	21190	20640	16200	11830	12040
20	19700	19720	20040	20450	20660	20970	21330	21180	20640	15970	11830	12010
21	19700	19720	20040	20460	20660	21080	21330	21160	20630	15910	11830	12020
22	19690	19730	20050	20470	20670	21080	21330	21150	20610	15780	11830	12030
23	19680	19730	20080	20470	20670	21100	21330	21130	20590	15670	11830	12030
24	19660	19740	20090	20470	20680	21120	21330	21120	20600	15560	11830	12040
25	19660	19750	20120	20490	20700	21150	21310	21100	20490	15380	11830	12040
26	19660	19780	20140	20490	20730	21170	21310	21080	20380	15180	11860	12040
27	19660	19810	20160	20510	20740	21190	21300	21050	20270	15050	11870	12040
28	19660	19950	20190	20530	20750	21190	21320	21020	20140	14870	11890	12040
29	19660	19830	20210	20520	---	21220	21310	20970	20040	14700	11880	12040
30	19680	19820	20230	20530	---	21250	21300	20920	19920	14460	11880	12060
31	19690	---	20240	20530	---	21280	---	20940	---	14230	11880	---
MEAN	19600	19730	20000	20410	20630	20960	21350	21200	20640	16970	12550	11960
MAX	19700	19950	20240	20530	20750	21280	21430	21330	20960	19830	14060	12060
MIN	19410	19680	19820	20250	20540	20760	21280	20920	19920	14230	11830	11880
CAL YEAR 2005	MEAN	19960	MAX	21630	MIN	18400						
WTR YEAR 2006	MEAN	18820	MAX	21430	MIN	11830						

REPUBLICAN RIVER BASIN

RED WILLOW CREEK near McCook, 06837500

LOCATION.--SW1/4NW1/4 Sec. 6-4-29 W., Red Willow County, Lat. 40° 20' 50", Long. 100° 38' 35", on left bank 45 feet downstream from the bridge on U.S. Highway 83, 3.0 miles downstream from Red Willow Dam, 10 miles north of McCook.

DRAINAGE AREA.--740 square miles, of which approximately 320 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 2485.97 feet National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1940 - 1947, Annual peaks 1958 - 1960, 1960 - 1993 by U.S.G.S., October 1993 - 1994 by Department of Water Resources, partial year record 1995 - present. See U.S.G.S. publication WSP 1310 for other periods.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993. Current record is for releases from Hugh Butler Lake.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	48	88	3.7
2	---	---	---	---	---	---	---	---	7.7	96	76	3.2
3	---	---	---	---	---	---	---	---	7.5	105	64	3.2
4	---	---	---	---	---	---	---	---	7.3	116	54	3.2
5	---	---	---	---	---	---	---	---	7.2	124	57	3.2
6	---	---	---	---	---	---	---	---	7.3	120	63	---
7	---	---	---	---	---	---	---	---	6.8	102	64	---
8	---	---	---	---	---	---	---	---	6.5	91	65	---
9	---	---	---	---	---	---	---	---	5.9	91	59	---
10	---	---	---	---	---	---	---	---	5.8	88	53	---
11	---	---	---	---	---	---	---	---	6.2	81	53	---
12	---	---	---	---	---	---	---	---	6.3	85	65	---
13	---	---	---	---	---	---	---	---	5.8	90	85	---
14	---	---	---	---	---	---	---	---	5.3	88	98	---
15	---	---	---	---	---	---	---	---	4.7	97	95	---
16	---	---	---	---	---	---	---	---	5.6	109	90	---
17	---	---	---	---	---	---	---	---	5.9	112	79	---
18	---	---	---	---	---	---	---	---	5.2	111	62	---
19	---	---	---	---	---	---	---	---	4.8	106	4.4	---
20	---	---	---	---	---	---	---	---	4.5	107	4.0	---
21	---	---	---	---	---	---	---	---	4.6	91	3.8	---
22	---	---	---	---	---	---	---	---	4.3	61	3.7	---
23	---	---	---	---	---	---	---	---	4.4	52	3.5	---
24	---	---	---	---	---	---	---	---	27	70	3.2	---
25	---	---	---	---	---	---	---	---	54	93	3.2	---
26	---	---	---	---	---	---	---	---	55	90	3.3	---
27	---	---	---	---	---	---	---	---	56	87	3.3	---
28	---	---	---	---	---	---	---	---	52	87	3.4	---
29	---	---	---	---	---	---	---	---	44	91	3.5	---
30	---	---	---	---	---	---	---	---	44	117	3.4	---
31	---	---	---	---	---	---	---	---	---	114	3.3	---
TOTAL	0	0	0	0	0	0	0	0	461.6	2920	1316	16.5
MEAN	---	---	---	---	---	---	---	---	15.9	94.3	42.4	3.3
MAX	---	---	---	---	---	---	---	---	56	124	98	3.7
MIN	---	---	---	---	---	---	---	---	4.3	48	3.2	3.2
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	916	5792	2610	33
CAL YEAR 2005												
WTR YEAR 2006	TOTAL		4714	MEAN	49.1	MAX	124.0	MIN	3.2	AC-FT	9350	

RED WILLOW CANAL from Red Willow Creek, 00126000

LOCATION.--SW1/4SE1/4 Sec 25-4-29 W. near Red Willow

GAGE.--Continuous stage recorder and orifice

PERIOD OF RECORD.--1963 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2006

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00

REPUBLICAN RIVER BASIN

BARTLEY CANAL from Republican River, 00006000

LOCATION.--NW1/4SW1/4 Sec. 16-3-27 W. near Indianola

GAGE.--Continuous stage recorder and 8 ft. Parshall flume

PERIOD OF RECORD.--1955 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	0.00	0.00	28	62	---
2	---	---	---	---	---	---	---	0.00	0.00	27	56	---
3	---	---	---	---	---	---	---	0.00	0.00	40	46	---
4	---	---	---	---	---	---	---	0.00	0.00	57	38	---
5	---	---	---	---	---	---	---	0.00	0.00	63	36	---
6	---	---	---	---	---	---	---	0.00	0.00	67	36	---
7	---	---	---	---	---	---	---	0.00	0.00	66	40	---
8	---	---	---	---	---	---	---	0.00	0.00	59	42	---
9	---	---	---	---	---	---	---	0.00	0.00	56	42	---
10	---	---	---	---	---	---	---	0.00	0.00	55	42	---
11	---	---	---	---	---	---	---	0.00	0.00	59	40	---
12	---	---	---	---	---	---	---	0.00	0.00	58	39	---
13	---	---	---	---	---	---	---	0.00	0.00	55	41	---
14	---	---	---	---	---	---	---	0.00	0.00	56	50	---
15	---	---	---	---	---	---	---	18	0.00	56	58	---
16	---	---	---	---	---	---	---	28	0.00	56	59	---
17	---	---	---	---	---	---	---	28	0.00	63	59	---
18	---	---	---	---	---	---	---	27	0.00	64	51	---
19	---	---	---	---	---	---	---	23	0.00	66	46	---
20	---	---	---	---	---	---	---	22	0.00	68	22	---
21	---	---	---	---	---	---	---	22	0.00	45	0.00	---
22	---	---	---	---	---	---	---	20	0.00	31	0.00	---
23	---	---	---	---	---	---	---	19	5.5	31	0.00	---
24	---	---	---	---	---	---	---	6.4	6.3	37	0.00	---
25	---	---	---	---	---	---	---	0.00	5.7	39	0.00	---
26	---	---	---	---	---	---	---	0.00	24	50	0.00	---
27	---	---	---	---	---	---	---	0.00	31	57	0.00	---
28	---	---	---	---	---	---	---	0.00	37	58	0.00	---
29	---	---	---	---	---	---	---	0.00	37	58	0.00	---
30	---	---	---	---	---	---	---	0.00	31	58	0.00	---
31	---	---	---	---	---	---	---	0.00	---	63	0.00	---
TOTAL	0	0	0	0	0	0	0	213.4	177.5	1646	905	0
MEAN	---	---	---	---	---	---	---	6.9	5.9	53.1	29.2	---
MAX	---	---	---	---	---	---	---	28	37	68	62	---
MIN	---	---	---	---	---	---	---	0.00	0.00	27	0.00	---
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	423	352	3265	1795	0.00
CAL YEAR 2005												
WTR YEAR 2006	MAX	68.0	MIN	0.000	AC-FT	5835						

MEDICINE CREEK above Harry Strunk Lake, 06841000

LOCATION.--SW1/4 Sec. 7-6-26 W., Frontier County, Lat. 40°30'10", Long. 100°19'20", on right bank 3.75 miles southeast of Stockville and 13.5 miles upstream from Medicine Creek Dam.

DRAINAGE AREA.--770 square miles, of which approximately 530 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 2,380.94 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1950 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except discharges above 125 cubic feet per second are fair and estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 11,600 cubic feet per second June 21, 1967, gage height 20.05 feet; minimum daily discharge 7.1 cubic feet per second August 8, 2002.

EXTREMES FOR CURRENT YEAR.--Peak discharge 57 cubic feet per second April 3, gage height 4.89 feet; minimum daily discharge 11 cubic feet per second July 20.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	23	35	47e	44	43	46	48	41	27	19	12	20
2	23	35	52e	44	44	46	46	41	27	18	12	20
3	23	35	57e	46	44	46	51	39	26	21	13	20
4	23	35	53e	46	44	46	47	39	26	22	13	20
5	23	36	47e	45	44	46	44	39	26	20	12	20
6	23	36	42e	44	44	46	44	39	28	19	12	20
7	24	36	37e	44	43	46	46	40	28	19	13	19
8	25	36	32e	44	44	46	45	41	26	17	16	20
9	26	35	35e	44	44	46	47	40	25	19	16	21
10	28	35	37e	43	44	46	47	39	24	19	19	23
11	30	36	42e	43	44e	45	47	38	25	19	20	26
12	33	36	46e	43	37e	44	45	37	26	17	19	30
13	35	36	51e	43	41e	44	43	36	26	17	21	29
14	35	36	49e	43	42	44	43	36	25	16	26	28
15	34	36	48e	43	42	43	43	35	24	15	35	26
16	32	36	46e	43	42e	43	42	35	25	14	24	24
17	32	36	44e	43	36e	42e	42	34	28	13	22	23
18	31	36	41e	43	29e	37e	41	34	31	13	21	22
19	32	36	40e	43	25e	35e	40	33	37	12	19	21
20	36	36	39e	43	25e	31e	40	32	37	11	18	22
21	38	37	42e	43	29e	28e	40	31	33	16	19	23
22	38	36	51e	42	36e	28e	39	30	28	20	17	25
23	36	37	51e	43	40e	27e	39	30	26	19	16	29
24	35	36	54e	41	42e	24e	40	29	27	18	15	31
25	35	37	50e	41	42	28e	40	29	26	17	15	31
26	34	37	54e	42	44	30e	41	29	27	16	16	29
27	35	38e	47	42	45	39e	42	28	24	15	16	27
28	34	33e	46	43	45	46e	42	27	23	14	19	26
29	35	33e	46	43	---	48e	41	26	21	13	20	26
30	35	41e	45	43	---	53	41	27	20	12	20	25
31	35	---	45	43	---	51	---	27	---	12	19	---
TOTAL	961	1079	1416	1340	1124	1270	1296	1061	802	512	555	726
MEAN	31.0	35.9	45.7	43.3	40.1	40.8	43.2	34.2	26.8	16.5	17.9	24.2
MAX	38	41	57	46	45	53	51	41	37	22	35	31
MIN	23	33	32	41	25	24	39	26	20	11	12	19
AC-FT	1906	2140	2809	2658	2229	2519	2571	2104	1591	1016	1101	1440
CAL YEAR 2005	TOTAL		15005	MEAN	41.1	MAX	391.0	MIN	13.0	AC-FT	29760	
WTR YEAR 2006	TOTAL		12142	MEAN	33.3	MAX	57.0	MIN	11.0	AC-FT	24080	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

HARRY STRUNK LAKE near Cambridge, 06842000

LOCATION.--NEL/4 Sec. 25-5-26 W., Frontier County, Lat. 40° 22' 40", Long. 100° 13' 00", in control house at outlet tube of Medicine Creek Dam, 7 miles northeast of Cambridge.

DRAINAGE AREA.--880 square miles, of which approximately 640 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1949 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains Region web page. Published by U. S. Geological Survey up to October 1, 1994.

STORAGE (ACFT), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	21040	22700	24520	26930	28760	30660	33200	35010	35830	34400	22070	16480
2	21080	22750	24570	27020	28840	30710	33290	35060	35830	34060	21750	16540
3	21120	22810	24650	27100	28880	30770	33360	35120	35830	33670	21500	16570
4	21130	22880	24750	27170	28960	30850	33450	35150	35890	33270	21220	16600
5	21190	22940	24840	27250	29020	30930	33520	35210	35960	32860	20980	16630
6	21150	23000	24890	27330	29100	31010	33600	35280	35960	32330	20790	16680
7	21180	23060	24960	27420	29160	31060	33800	35340	35870	31770	20600	16710
8	21200	23130	25030	27510	29240	31160	33830	35410	35850	31310	20530	16770
9	21220	23170	25090	27570	29300	31290	33870	35450	35810	31150	20470	16840
10	21300	23220	25160	27620	29390	31380	33900	35480	35810	30480	20420	16920
11	21400	23280	25230	27710	29440	31440	33970	35480	35810	30050	20260	16970
12	21500	23340	25300	27850	29500	31510	34040	35520	35780	29640	20140	17000
13	21570	23400	25380	27870	29550	31590	34110	35560	35780	29240	20110	17060
14	21620	23450	25450	27950	29620	31610	34180	35570	36020	28910	19950	17110
15	21680	23550	25540	28020	29690	31670	34220	35590	35980	28590	19740	17140
16	21760	23550	25610	28100	29780	31770	34310	35610	36000	28230	19540	17160
17	21830	23610	25680	28160	29830	31770	34310	35650	36110	27870	19300	17180
18	21860	23670	25740	28230	29860	31820	34420	35680	36170	27410	19110	17210
19	21920	23740	25810	27890	29910	32040	34380	35700	36240	26920	18950	17210
20	22030	23810	25900	27930	29970	32040	34400	35720	36240	26350	18810	17250
21	22090	23880	25960	27990	30030	32310	34450	35720	36240	26020	18660	17280
22	22140	23930	26010	28070	30100	32380	34510	35740	36240	25690	18480	17380
23	22190	24000	26090	28130	30180	32450	34580	35740	36200	25420	18280	17410
24	22230	24060	26180	28200	30240	32530	34630	35760	36280	25180	18090	17450
25	22300	24110	26270	28260	30340	32630	34680	35740	36170	24960	17890	17490
26	22350	24180	26370	28340	30430	32740	34700	35760	36170	24630	17720	17530
27	22410	24300	26480	28410	30510	32840	34790	35740	35810	24180	17560	17580
28	22470	24560	26560	28500	30560	32860	34880	35700	35560	23740	17370	17630
29	22540	24440	26660	28550	---	32940	34940	35680	35190	23310	17120	17670
30	22600	24470	26750	28620	---	33060	34970	35670	34810	22830	16860	17710
31	22650	---	26830	28680	---	33150	---	35790	---	22430	16590	---
MEAN	21770	23570	25620	27880	29650	31840	34180	35540	35910	28290	19380	17110
MAX	22650	24560	26830	28680	30560	33150	34970	35790	36280	34400	22070	17710
MIN	21040	22700	24520	26930	28760	30660	33200	35010	34810	22430	16590	16480
CAL YEAR 2005	MEAN	26320	MAX	36710	MIN	20310						
WTR YEAR 2006	MEAN	27540	MAX	36280	MIN	16480						

REPUBLICAN RIVER BASIN

MEDICINE CREEK below Harry Strunk Lake, 06842500

LOCATION.--Center of Sec. 25-5-26 W., Frontier County, Latitude 40° 22' 20", Longitude 100° 13' 20",
On left bank 0.5 mile downstream from Medicine Creek Dam and 6.5 miles northwest of Cambridge.

DRAINAGE AREA.--880 square miles, of which 640 square miles contributes directly to surface runoff.
This drainage controlled by Medicine Creek Dam 1/2 mile upstream.

GAGE.--Continuous stage recorder. Datum of gage is 2295.26 feet National Geodetic Vertical Datum of
1929 (U.S.B.R. benchmark).

PERIOD OF RECORD.--1949 - present (Monthly discharge only for some periods, published in WSP 1730).

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records above 10 cubic feet per
second are good, records between 4 and 10 cubic feet per second are fair, records below 4 cubic
feet per second and estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,300 cubic feet per second March 23, 1960, gage height
5.97 ft. No flow September 11, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharge 317 cubic feet per second July 20, gage height 3.29 feet;
minimum daily discharge 0.05 cubic feet per second September 7.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.4	0.62	4.6	0.34	0.50	0.77	0.50	0.43	0.71	191	180	11
2	0.88	0.69	3.8	0.35	0.42	0.50	0.79	0.47	0.64	191	136	0.76
3	0.68	1.3	1.4	0.35	0.42	0.72	0.77	0.87	1.00	196	141	0.26
4	0.44	1.8	0.75	0.33	0.46	1.4	0.65	1.3	1.6	202	128	0.20
5	0.50	2.4	0.50	0.33	0.67	2.2	1.3	1.4	3.2	233	124	0.11
6	2.5	3.3	0.39	0.33	0.93	2.9	2.0	1.4	4.1	257	131	0.07
7	2.5	4.5	0.37	0.34	0.99	3.2	2.7	1.5	4.1	228	112	0.05
8	2.6	5.2	0.36	0.36	1.7	3.7	2.8	1.5	3.7	227	87	0.13
9	2.7	5.5	0.34	0.33	2.5	3.1	2.8	1.4	3.7	240	74	0.31
10	2.2	6.7	0.34	0.33	3.1	3.1	2.8	1.3	3.8	243	85	0.64
11	2.1	7.1	0.35	0.36	3.0	3.1	2.9	1.3	3.8	215	85	0.80
12	1.1	6.5	0.36	0.37	3.0	1.6	2.9	1.3	3.8	204	85	0.87
13	0.61	6.2	0.36	0.36	3.1	1.3	3.1	1.3	3.5	186	94	0.82
14	0.41	7.2	0.36	0.36	3.3	1.9	3.4	1.3	3.3	154	111	0.74
15	0.54	5.7	0.34	0.36	3.1	2.4	3.4	1.3	2.9	147	131	0.58
16	0.86	7.4	0.32	0.40	2.9	2.6	3.4	1.3	3.9	170	151	0.46
17	0.55	8.2	0.31	0.45	2.9	1.6	3.3	1.3	6.9	226	136	0.12
18	0.55	8.3	0.31	0.38	2.9	1.1	3.2	1.2	5.4	266	102	0.06
19	0.90	6.1	0.32	0.36	2.9	1.2	3.6	1.1	4.7	298	97	0.08
20	1.5	5.9	0.32	0.33	2.9	1.5	4.3	0.97	5.0	307	92	0.06
21	1.8	6.9	0.31	0.31	2.9	1.6	4.7	0.91	5.0	208	100	0.10
22	2.3	8.0	0.33	0.37	2.9	1.4	4.6	0.96	4.8	158	110	0.14
23	2.7	8.3	0.35	0.45	2.9	1.4	3.9	0.96	4.3	139	119	0.07
24	2.9	7.8	0.36	0.38	3.0	1.5	3.9	0.94	5.6	130	119	0.06
25	2.6	8.2	0.36	0.35	2.9	1.6	3.6	0.88	47	159	98	0.07
26	1.3	8.4	0.36	0.38	2.9	1.9	3.4	0.88	123	216	98	0.09
27	0.98	8.3	0.35	0.50	2.9	2.1	1.5	0.83	135	259	114	0.14
28	0.98	5.4	0.35	0.70	1.4	0.94	1.3	0.70	146	241	144	0.19
29	0.98	4.5	0.34	1.1	---	0.66	0.74	0.63	184	230	149	0.28
30	1.1	4.6	0.34	1.1	---	0.60	0.48	0.88	201	227	156	0.28
31	0.83	---	0.33	0.64	---	0.43	---	0.86	---	219	130	---
TOTAL	43.99	171.01	19.98	13.4	63.49	54.02	78.73	33.37	925.45	6567	3619	19.54
MEAN	1.4	5.7	0.64	0.43	2.3	1.7	2.6	1.1	30.9	211.8	116.8	0.64
MAX	2.9	8.4	4.6	1.1	3.3	3.7	4.7	1.5	201	307	180	11
MIN	0.41	0.62	0.31	0.31	0.42	0.43	0.48	0.43	0.64	130	74	0.05
AC-FT	87	339	40	27	126	107	156	66	1836	13030	7178	39
CAL YEAR 2005	TOTAL		10252	MEAN	28.1	MAX	223.0	MIN	0.18	AC-FT	20340	
WTR YEAR 2006	TOTAL		11609	MEAN	31.8	MAX	307.0	MIN	0.050	AC-FT	23030	

REPUBLICAN RIVER BASIN

CAMBRIDGE CANAL from Republican River, 00020000

LOCATION.--SE1/4NE1/4 Sec. 26-4-25 W. near Cambridge

GAGE.--Continuous stage recorder and 15 ft. Parshall flume

PERIOD OF RECORD.--1951 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	181	177	41
2	---	---	---	---	---	---	---	---	---	179	132	---
3	---	---	---	---	---	---	---	---	---	185	132	---
4	---	---	---	---	---	---	---	---	---	189	129	---
5	---	---	---	---	---	---	---	---	---	204	125	---
6	---	---	---	---	---	---	---	---	---	224	124	---
7	---	---	---	---	---	---	---	---	---	221	113	---
8	---	---	---	---	---	---	---	---	---	217	84	---
9	---	---	---	---	---	---	---	---	---	220	72	---
10	---	---	---	---	---	---	---	---	---	224	80	---
11	---	---	---	---	---	---	---	---	---	208	86	---
12	---	---	---	---	---	---	---	---	---	194	86	---
13	---	---	---	---	---	---	---	---	---	183	88	---
14	---	---	---	---	---	---	---	---	---	157	93	---
15	---	---	---	---	---	---	---	---	---	146	112	---
16	---	---	---	---	---	---	---	---	---	145	138	---
17	---	---	---	---	---	---	---	---	---	177	138	---
18	---	---	---	---	---	---	---	---	---	218	113	---
19	---	---	---	---	---	---	---	---	---	246	92	---
20	---	---	---	---	---	---	---	---	---	263	83	---
21	---	---	---	---	---	---	---	---	---	164	91	---
22	---	---	---	---	---	---	---	---	---	111	103	---
23	---	---	---	---	---	---	---	---	---	110	113	---
24	---	---	---	---	---	---	---	---	---	110	115	---
25	---	---	---	---	---	---	---	---	---	123	101	---
26	---	---	---	---	---	---	---	---	48	164	94	---
27	---	---	---	---	---	---	---	---	87	217	94	---
28	---	---	---	---	---	---	---	---	116	223	118	---
29	---	---	---	---	---	---	---	---	154	216	139	---
30	---	---	---	---	---	---	---	---	180	216	152	---
31	---	---	---	---	---	---	---	---	---	210	139	---
TOTAL	0	0	0	0	0	0	0	0	585	5845	3456	41
MEAN	---	---	---	---	---	---	---	---	117.3	188.5	111.5	41.3
MAX	---	---	---	---	---	---	---	---	180	263	177	41
MIN	---	---	---	---	---	---	---	---	48	110	72	41
AC-FT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1160	11590	6855	81
CAL YEAR 2005	MAX	210.0	MIN	0.000	AC-FT	19740						
WTR YEAR 2006	MAX	263.0	MIN	41.0	AC-FT	19690						

MUDDY CREEK at Furnas - Gosper County Line, 224600

LOCATION.--NW1/4NE1/4 Sec. 6-4-23 W., Furnas County, Latitude 40° 21' 04", Longitude 99° 57' 19", on the right bank, 10 feet upstream from the bridge on County Road 726, 2.2 miles west and 3.0 miles north of Arapahoe.

DRAINAGE AREA.--Not determined.

GAGE.--Continuous stage recorder. Gage datum is 2,190.5 feet above sea level.

PERIOD OF RECORD.--September 9, 2005 - present.

REMARKS.--Gage operation began September 9, 2005 under agreement with the Tri-Basin Natural Resources District. Records are good, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 41 cubic feet per second July 21, gage height 6.58 feet; minimum daily discharge 1.1 cubic feet per second July 1.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.5	2.7	2.3e	3.5	3.6	4.8	3.6	3.6	2.9	1.1	2.6	2.2
2	1.5	2.7	2.0e	3.5	3.6	4.6	3.7	3.4	2.7	1.3	2.0	2.3
3	1.5	2.6	1.9e	3.5	3.6	4.4	3.5	3.4	2.3	1.6	1.7	2.2
4	1.4	2.5	1.9e	3.5	3.6	4.3	3.7	3.6	1.9	2.0	1.8	2.1
5	1.4	2.4	1.6e	3.5	3.6	4.2	3.6	3.7	1.9	2.0	1.7	2.0
6	1.5	2.4	2.6e	3.6	3.7	4.1	3.7	3.7	2.8	2.2	2.3	1.9
7	1.5	2.4	2.2e	3.5	3.7	4.1	3.9	3.8	4.1	2.0	2.3	1.8
8	1.6	2.5	1.8e	3.5	3.7e	4.2	3.9	4.6	2.6	1.8	3.5	1.8
9	1.8	2.5	1.9e	3.4e	3.6e	4.4	3.9	3.9	2.1	1.9	3.3	1.9
10	1.9	2.4	2.3e	3.3e	3.7e	4.1	4.0	3.6	2.5	2.4	2.7	3.5
11	2.4	2.5	2.8e	3.4e	3.8e	3.9	3.9	3.3	3.2	2.8	2.2	2.7
12	2.5	2.5	3.2e	3.5	3.6e	3.8	3.8	3.4	3.3	3.3	2.1	2.1
13	2.2	2.4	3.7e	3.5e	3.7e	3.6	3.8	3.3	3.3	2.4	5.6	2.0
14	2.1	2.4	3.6e	3.3e	4.1e	3.5	3.8	3.5	3.2	1.8	12	1.9
15	2.1	2.8	3.5e	3.4	4.3e	3.5	4.0	3.6	1.7	1.5	4.7	1.8
16	2.1	2.9	2.9e	3.4e	3.7e	3.5	4.0	3.4	2.5	1.4	2.9	1.9
17	2.3	3.1	2.8e	3.4e	3.4e	3.4	4.0	3.2	3.9	1.3	3.3	1.9
18	2.3	3.4	2.6e	3.4e	3.1e	3.4	4.0	3.1	3.6	1.2	3.0	1.9
19	2.2	2.9	2.3e	3.4	3.4e	3.8e	4.0	3.1	2.9	1.2	4.6	2.0
20	2.7	2.9	2.8e	3.4e	4.0e	3.8e	3.9	3.1	2.0	1.3	3.7	2.0
21	2.7	2.9	3.1e	3.6e	4.2e	3.4e	3.9	2.9	1.7	6.8	2.4	2.3
22	2.5	2.9	3.7e	3.5e	4.3e	3.6e	3.9	2.7	1.7	3.4	3.0	2.9
23	2.4	2.9	4.0	3.3e	4.6e	3.6e	3.9	2.9	1.7	3.8	2.8	2.5
24	2.4	2.9	4.2e	3.5e	4.6e	3.7e	4.1	2.8	1.9	2.2	2.4	2.4
25	2.4	2.9	3.8e	3.6e	4.7e	3.6	4.4	2.9	1.7	1.9	2.2	2.4
26	2.5	2.9e	4.1e	3.6	3.9e	3.6	4.4	2.6	1.7	1.7	2.2	2.3
27	2.5	2.9e	3.7e	3.6	4.3e	3.7	4.5	1.9	1.8	1.7	2.3	2.2
28	2.5	2.6e	4.1e	3.6	4.9	3.8	4.0	2.3	1.8	2.1	2.4	2.3
29	2.6	2.6e	3.5e	3.6	---	3.8	3.8	2.5	1.6	1.9	2.3	2.4
30	2.7	2.5e	3.6e	3.7	---	3.9	3.7	2.9	1.2	1.8	2.3	2.3
31	2.7	---	3.7e	3.8	---	3.8	---	3.3	---	1.7	2.2	---
TOTAL	66.4	80.9	92.2	108.3	109	119.9	117.3	100	72.2	65.5	94.5	65.9
MEAN	2.1	2.7	3.0	3.5	3.9	3.9	3.9	3.2	2.4	2.1	3.0	2.2
MAX	2.7	3.4	4.2	3.8	4.9	4.8	4.5	4.6	4.1	6.8	12	3.5
MIN	1.4	2.4	1.6	3.3	3.1	3.4	3.5	1.9	1.2	1.1	1.7	1.8
AC-FT	132	160	183	215	216	238	233	198	143	130	187	131
CAL YEAR 2005 TOTAL			272	MEAN	2.3	MAX	4.2	MIN	1.2	AC-FT	539	
WTR YEAR 2006 TOTAL			1092	MEAN	3.0	MAX	12.0	MIN	1.1	AC-FT	2166	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

MUDDY CREEK at Arapahoe, 06844000

LOCATION.--NW1/4NW1/4 Sec. 22-4-23 W., Furnas County, Latitude 40° 18' 20", Longitude 99° 54' 40", on the left bank, 10 feet upstream from the bridge on U.S. Highways 6 and 34, 0.2 miles west of Arapahoe.

DRAINAGE AREA.--246 square miles.

GAGE.--Continuous stage recorder. Gage datum is 2,143.92 feet above sea level.

PERIOD OF RECORD.--1950 - 1972, 1977 - 1994, January 1, 1998 - present.

REMARKS.--Published by U. S. Geological Survey up to October 1, 1993. Nebraska Department of Water Resources also operated and published from October 1, 1993 to December 31, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,800 cfs May 8, 1986, gage height 28.90 feet (also max. gage height for period); minimum daily discharge zero on Aug. 26, 1953.

EXTREMES FOR CURRENT YEAR.--Peak discharge 21 cubic feet per second June 30, gage height 4.96 feet and July 21, gage height 4.97 feet; minimum daily discharge 2.3 cubic feet per second estimated December 8.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3.1	3.9	3.0e	5.3	5.4	5.7e	5.1	5.1	3.9	13	3.1	4.0
2	3.2	3.9	2.8e	5.1	5.4	5.5	5.2	5.0	3.5	13	3.4	3.7
3	3.2	4.0	2.7e	5.1	5.4	5.3	4.9	5.2	3.3	4.5	3.0	3.3
4	3.1	4.2	2.6e	5.0	5.5	5.2	5.1	5.2	3.1	2.8	2.8	3.2
5	3.1	4.4	2.6e	5.0	5.5	5.1	5.2	5.3	3.2	2.8	3.1	3.3
6	3.0	4.4	3.6e	5.1	5.5	5.1	5.3	5.3	3.4	2.7	4.4	3.5
7	3.0	4.5	2.9e	5.2	5.5	5.1	5.7	5.3	4.1	2.6	6.9	3.3
8	3.1	4.6	2.3e	5.3	5.5e	5.3	5.7	6.4	4.7	2.6	8.0	3.3
9	3.1	4.4	2.5e	5.3	5.6e	5.8	5.7	5.5	3.3	2.6	5.6	3.5
10	3.3	4.5	2.9e	5.1	5.5e	5.6	5.7	4.9	2.9	3.6	4.5	3.8
11	4.0	4.4	3.8e	5.1e	5.2e	5.2	5.7	4.5	2.9	3.4	4.1	5.3
12	4.2	4.5	4.5e	4.7e	5.1e	5.2	5.8	4.5	2.9	4.2	3.5	3.9
13	3.7	4.4	4.9e	4.6e	5.0e	5.0	5.7	4.5	2.8	4.8	4.5	3.3
14	3.5	4.3e	5.2e	5.1e	5.5e	4.7	5.7	4.4	2.7	3.6	11	3.0
15	3.4	4.4e	4.6e	5.0e	5.4e	4.7	5.8	4.4	2.6	3.0	8.3	2.9
16	3.5	4.7e	4.0e	5.5e	5.4e	4.6	5.8	4.4	3.9	2.8	4.7	2.7
17	3.4	5.0e	3.8e	5.3e	4.8e	4.4e	5.9	4.3	4.7	2.8	4.1	2.5
18	3.6	5.2	3.8e	5.2e	3.8e	4.1e	5.8	4.2	4.7	2.9	4.3	2.4
19	3.7	5.3	3.8e	4.8e	4.0e	4.3e	5.7	4.0	4.0	2.7	4.1	2.5
20	4.3	5.3	3.9	5.4e	4.2e	4.0e	5.1	4.1	3.4	2.8	5.8	2.8
21	4.5	5.3	5.3	5.3e	4.5e	3.8e	5.1	3.9	3.0	11	4.3	3.5
22	3.9	5.3	5.8	4.8e	4.9e	3.8e	5.2	3.7	3.0	7.0	3.6	3.7
23	3.8	5.3	5.6	4.8e	5.6e	3.9e	5.0	3.7	2.8	4.0	4.1	3.8
24	4.0	5.1	5.9	4.7e	6.2e	4.1e	5.1	3.6	3.2	3.6	3.7	3.4
25	4.3	4.9	5.8	5.0e	5.7e	4.3e	5.2	3.5	3.2	3.2	3.5	3.0
26	4.4	5.1	5.6	5.5e	5.2e	4.8e	5.2	3.4	2.9	3.0	3.5	2.9
27	4.2	5.5	5.6	5.2	5.6e	5.2e	5.1	3.4	2.7	2.9	3.7	2.9
28	4.0	3.7e	5.6	5.3	5.5e	5.0	5.2	3.3	2.5	2.8	4.2	3.4
29	3.9	3.3e	5.3	5.4	---	5.1	5.2	3.0	2.4	2.7	4.1	3.4
30	3.8	3.3e	5.2	5.2	---	5.2	5.1	3.4	15	2.6	3.9	3.1
31	3.8	---	5.1	5.3	---	5.0	---	3.9	---	2.5	4.5	---
TOTAL	113.1	137.1	131	158.7	146.4	150.1	162	135.3	110.7	128.5	142.3	99.3
MEAN	3.6	4.6	4.2	5.1	5.2	4.8	5.4	4.4	3.7	4.1	4.6	3.3
MAX	4.5	5.5	5.9	5.5	6.2	5.8	5.9	6.4	15	13	11	5.3
MIN	3.0	3.3	2.3	4.6	3.8	3.8	4.9	3.0	2.4	2.5	2.8	2.4
AC-FT	224	272	260	315	290	298	321	268	220	255	282	197
CAL YEAR 2005	TOTAL		2093	MEAN	5.7	MAX	215.0	MIN	1.7	AC-FT	4152	
WTR YEAR 2006	TOTAL		1615	MEAN	4.4	MAX	15.0	MIN	2.3	AC-FT	3202	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

TURKEY CREEK at Furnas - Gosper County Line, 231700

LOCATION.--NE1/4NE1/4 Sec. 2-4-22 W., Furnas County, Lat. 40° 21' 04", Long. 99° 45' 47", on right bank 10 feet downstream from bridge on County Road 726, 5 miles north and 1 mile east of Edison, Nebraska.

DRAINAGE AREA.--67.0 square miles.

GAGE.--Continuous stage recorder. Gage elevation is 2,163.3 feet above sea level.

PERIOD OF RECORD.--September 13, 2005 - present

REMARKS.--Gage established September 13, 2005 under agreement with the Tri-Basin Natural Resources District. Records are good, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 106 cubic feet per second August 8, gage height 6.44 feet; minimum daily discharge 1.3 cubic feet per second estimated December 4.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.5	12	3.7e	13	14	14	14	14	11	9.0	6.6	8.4
2	7.3	11	3.2e	13	14	14	15	13	11	9.0	7.0	8.5
3	7.4	11	2.8e	13	14	14	15	13	11	9.0	5.9	7.9
4	7.5	11	1.3e	13	14	14	15	13	11	8.9	5.6	8.1
5	7.4	11	2.9e	13	14	14	15	13	11	9.0	5.9	8.0
6	7.5	11	8.4e	12	14	14	16	14	11	8.6	7.6	8.1
7	7.5	11	6.8e	13	14	13	17	14	10	8.1	11	8.1
8	7.9	11	5.1e	13	14	14	17	15	9.7	8.3	71	8.2
9	8.3	11	6.6e	13	14	16	16	14	8.9	8.6	21	9.0
10	8.5	10	7.9e	13	14	14	17	14	8.4	8.5	7.3	10
11	9.0	10	9.7e	13	14e	14	16	13	8.8	9.4	7.2	11
12	10	11	12e	14	6.8e	13	16	12	8.8	9.3	7.1	8.9
13	9.1	12	13e	14	9.5e	14	16	12	8.6	8.3	25	8.8
14	8.8	12	13e	13	9.9e	13	16	12	8.5	8.4	19	8.7
15	8.8	11	12e	14	9.9e	13	16	12	8.4	8.0	8.5	8.8
16	8.9	12	8.9e	14	6.8e	13	17	12	10	7.9	8.6	8.7
17	9.6	12	6.8e	14	5.4e	13	16	12	19	7.3	28	8.7
18	9.6	12	5.9e	14	6.0e	13e	16	12	11	7.5	19	8.4
19	9.8	12	6.4e	14	7.9e	12e	15	11	9.6	6.9	9.4	8.6
20	11	13	7.4e	14	10e	12e	14	10	9.7	7.0	7.7	8.9
21	12	12	9.1e	13	14e	12e	14	10	9.9	16	7.6	9.4
22	11	12	17e	14	19	12e	15	10	10.0	14	7.6	11
23	11	13	27e	14	18	13e	15	10	9.8	6.9	7.5	9.8
24	11	12	14e	14	14	13e	15	10	11	7.0	7.6	9.4
25	11	12	14	14	14	14e	15	10.0	11	7.1	7.6	9.2
26	11	12	14	14	14	15e	15	10	9.9	7.0	7.6	9.4
27	11	13	13	14	14	17	14	10	9.6	7.0	7.8	9.4
28	11	12e	13	15	14	16	14	10	9.5	6.7	8.2	9.5
29	12	9.0e	13	16	---	15	15	10	9.3	6.5	8.0	9.8
30	12	6.1e	13	15	---	15	15	11	8.9	6.2	7.9	9.6
31	12	---	13	14	---	15	---	11	---	6.1	7.6	---
TOTAL	296.4	340.1	303.9	424	347.2	428	462	367	304.3	257.5	373.4	270.3
MEAN	9.5	11.4	9.8	13.6	12.4	13.9	15.4	11.9	10.2	8.3	12.1	9.0
MAX	12	13	27	16	19	17	17	15	19	16	71	11
MIN	7.3	6.1	1.3	12	5.4	12	14	10.0	8.4	6.1	5.6	7.9
AC-FT	588	675	603	841	689	849	916	728	604	511	741	536
CAL YEAR 2005	TOTAL		1091	MEAN	9.9	MAX	27.0	MIN	1.3	AC-FT	2164	
WTR YEAR 2006	TOTAL		4174	MEAN	11.4	MAX	71.0	MIN	1.3	AC-FT	8279	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

TURKEY CREEK at Edison, 06844210

LOCATION.--NEL/4SW1/4 Sec. 31-4-21 W., Furnas County, Lat. 40° 16' 15", Long. 99° 44' 00", on left bank 10 feet downstream from bridge on U.S. Highway 136, 2 miles east of Edison and 2.7 miles upstream from mouth.

DRAINAGE AREA.--74.9 square miles.

GAGE.--Continuous stage recorder. Gage elevation is 2,090 feet above sea level, from topographic map.

PERIOD OF RECORD.--1977 - present

REMARKS.--Published by U.S. Geological Survey up to Oct. 1, 1993. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,510 cubic feet per second June 16, 1996, gage height 16.62 feet; minimum daily discharge 0.01 cubic feet per second September 6, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 166 cubic feet per second August 8, gage height 7.21 feet; minimum daily discharge 1.1 cubic feet per estimated December 9.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.9	9.6	5.8e	15	13	14	14	14	11	8.8	5.5	9.0
2	7.9	9.6	7.8e	16	13	13	14	13	11	8.6	5.5	9.9
3	7.9	9.6	7.5e	15	13	13	14	14	11	8.8	5.7	8.9
4	7.6	9.7	4.0e	14	13	13	13	13	11	8.3	6.5	8.6
5	7.3	10	3.0e	13	13	13	13	13	11	8.2	8.4	9.0
6	7.8	10	7.5e	13	13	13	14	14	11	8.0	14	9.5
7	7.5	9.9	7.5e	13	13	13	14	14	11	7.7	16	9.5
8	7.4	10	3.9e	13	13	14	15	15	11	7.3	99	9.5
9	7.6	9.5	1.1e	13	13	15	14	14	10	7.6	37	10
10	7.6	9.1	3.0e	32	13	15	14	13	9.9	7.8	12	11
11	8.4	8.6	10e	13	22	14	14	12	11	7.9	8.9	12
12	9.4	9.2	14e	13	19	13	14	12	10	9.7	8.6	11
13	9.2	9.1	16e	13	26	13	14	12	10.0	8.2	10	9.8
14	7.8	9.2	17e	13	21	13	14	12	10.0	7.4	29	9.5
15	7.6	10	17e	13	13	13	14	12	9.8	7.3	11	9.3
16	7.4	11	16e	13	12e	13	14	12	11	6.6	9.6	9.1
17	7.8	10	13e	13	8.8e	13	14	12	17	5.9	15	8.8
18	8.2	11	12e	13	7.9e	13e	14	12	18	6.1	27	8.7
19	8.1	11	12	13	6.9e	10e	14	11	11	5.6	36	8.5
20	9.6	11	13	13	8.0e	9.1e	13	11	11	5.4	11	8.6
21	11	11	23	13	10e	8.5e	13	10	11	13	10	8.8
22	9.1	10	28	13	15	9.3e	14	10	11	16	9.8	9.6
23	9.0	10	24	17	15	8.8e	14	11	11	6.4	9.5	10
24	10	10	22	20	14	9.8e	14	11	11	5.4	9.3	9.0
25	11	9.8	20	12	14	12e	14	10	11	5.5	9.3	8.9
26	11	9.6	18	12	14	14	15	10	11	5.6	9.3	8.8
27	11	10	17	13	14	15	14	10	10	5.2	9.6	8.6
28	11	12	17	13	14	15	15	9.9	10	4.9	10.0	8.4
29	11	8.9e	16	13	---	15	15	9.6	9.8	4.6	10	8.8
30	11	6.0e	16	13	---	15	15	10	9.3	4.1	9.6	9.0
31	9.8	---	15	13	---	15	---	11	---	3.9	9.5	---
TOTAL	274.9	294.4	407.1	439	384.6	397.5	421	367.5	331.8	225.8	481.6	280.1
MEAN	8.8	9.9	13.1	14.1	13.8	12.8	14.0	11.9	11.1	7.3	15.5	9.3
MAX	11	12	28	32	26	15	15	15	18	16	99	12
MIN	7.3	6.0	1.1	12	6.9	8.5	13	9.6	9.3	3.9	5.5	8.4
AC-FT	545	584	807	871	763	788	835	729	658	448	955	556
CAL YEAR 2005	TOTAL		5208	MEAN	14.3	MAX	376.0	MIN	1.1	AC-FT	10330	
WTR YEAR 2006	TOTAL		4305	MEAN	11.8	MAX	99.0	MIN	1.1	AC-FT	8539	

e indicates estimated discharge.

BEAVER CREEK near Beaver City, 06847000

LOCATION.--SW1/4SW1/4 Sec. 23-2-23 W., Furnas County, Lat. 40° 07' 12", Long. 99° 53' 35", on left bank 400 feet downstream from bridge on U.S. Highway 283, 0.75 mile south of State Highway 89, and 3.5 miles west of Beaver City, and 25.5 miles above the mouth.

DRAINAGE AREA.--2,081 square miles, approximately 1,650 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 2,164.84 feet above sea level.

PERIOD OF RECORD.--1936 - present (Some records are monthly discharge only, published in WSP 1310).

REMARKS.--Published by U. S. Geological Survey up to October 1, 1994. Records are fair, except estimated records and records below 5 cubic feet per second are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 9,510 cubic feet per second June 14, 1983, gage height 15.68 ft. No flow during many years.

EXTREMES FOR CURRENT YEAR.--Peak discharge 60 cubic feet per second July 13, gage height 5.21 feet; minimum daily discharge 0.01 cubic feet per second July 8 - 10.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.06	0.13	0.11	0.33	0.35	0.42	0.46	0.33	0.28	0.03	0.05	0.13
2	0.07	0.16	0.15	0.34	0.34	0.26	0.74	0.33	0.21	0.03	0.08	0.14
3	0.07	0.17	0.13	0.34	0.32	0.27	0.28	0.42	0.19	0.03	0.08	0.12
4	0.06	0.17	0.14	0.32	0.35	0.29	0.23	0.52	0.12	0.04	0.06	0.11
5	0.05	0.17	0.17	0.34	0.37	0.25	0.20	0.71	0.11	0.02	0.07	0.11
6	0.06	0.21	0.28	0.33	0.38	0.24	0.15	0.83	0.18	0.02	0.11	0.10
7	0.06	0.23	0.38	0.34	0.37	0.27	0.22	1.0	0.14	0.02	0.17	0.09
8	0.05	0.27	0.51	0.33	0.39	0.40	0.16	0.93	0.10	0.01	3.7	0.09
9	0.05	0.29	0.59	0.33	0.41	0.63	0.14	0.93	0.06	0.01	1.2	0.12
10	0.06	0.30	0.75	0.34	0.41	0.49	0.16	1.3	0.06	0.01	0.42	0.12
11	0.12	0.31	1.3	0.36	0.40	0.43	0.16	1.2	0.07	0.02	0.17	0.12
12	0.08	0.30	0.82	0.35	0.45	0.46	0.21	1.2	0.12	0.65	0.12	0.12
13	0.06	0.32	0.54	0.32	0.50	0.42	0.22	0.85	0.10	31	2.1	0.10
14	0.05	0.12	0.40	0.33	0.51	0.35	0.21	0.62	0.04	7.7	0.32	0.10
15	0.05	0.11	0.33	0.33	0.48	0.39	0.22	0.60	0.03	0.54	0.14	0.07
16	0.04	0.11	0.31	0.34	0.48	0.38	0.23	0.50	0.26	0.22	0.12	0.07
17	0.04	0.13	0.32	0.32	0.45	0.50	0.39	0.59	0.56	0.21	0.14	0.05
18	0.04	0.14	0.34	0.34	0.64	0.53	0.29	1.2	0.15	0.14	0.13	0.06
19	0.04	0.16	0.38	0.32	1.1	0.67	0.32	0.67	0.08	0.12	0.24	0.06
20	0.07	0.17	0.42	0.29	1.1	0.87	0.39	0.58	0.06	0.08	0.14	0.09
21	0.09	0.13	0.58	0.28	1.0	0.70	0.30	0.41	0.07	0.29	0.13	0.11
22	0.10	0.12	0.60	0.28	0.89	0.58	0.28	0.35	0.06	0.16	0.12	0.12
23	0.10	0.09	0.67	0.30	0.83	0.49	0.23	0.44	0.06	0.13	0.11	0.09
24	0.10	0.09	0.69	0.30	0.63	0.42	0.18	0.41	0.21	0.11	0.11	0.09
25	0.10	0.10	0.48	0.28	0.07	0.40	0.22	0.31	0.09	0.09	0.10	0.10
26	0.09	0.10	0.42	0.32	0.07	0.37	0.23	0.40	0.07	0.07	0.11	0.09
27	0.10	0.12	0.40	0.33	0.08	0.38	0.21	0.38	0.05	0.07	0.12	0.08
28	0.10	0.14	0.36	0.35	0.16	0.30	0.30	0.19	0.05	0.06	0.16	0.08
29	0.09	0.12	0.32	0.34	---	0.34	0.39	0.05	0.04	0.06	0.15	0.09
30	0.10	0.12	0.28	0.36	---	0.46	0.32	0.84	0.03	0.05	0.12	0.09
31	0.10	---	0.29	0.36	---	0.49	---	0.35	---	0.04	0.11	---
TOTAL	2.25	5.1	13.46	10.14	13.53	13.45	8.04	19.44	3.65	42.03	10.9	2.91
MEAN	0.072	0.17	0.43	0.33	0.49	0.43	0.27	0.63	0.12	1.4	0.35	0.097
MAX	0.12	0.32	1.3	0.36	1.1	0.87	0.74	1.3	0.56	31	3.7	0.14
MIN	0.04	0.09	0.11	0.28	0.07	0.24	0.14	0.05	0.03	0.01	0.05	0.05
AC-FT	4.5	10	27	20	27	27	16	39	7.2	83	22	5.8

CAL YEAR 2005 TOTAL 93 MEAN 0.26 MAX 2.2 MIN 0.010 AC-FT 185
WTR YEAR 2006 TOTAL 145 MEAN 0.40 MAX 31.0 MIN 0.010 AC-FT 287

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

HARLAN COUNTY RESERVOIR near Republican City, 06849000

LOCATION.--Sec. 11-1-17 W., Harlan County, Lat. 40° 04' 10", Long. 99° 12' 30", at left end of spillway on upstream side of Harlan County Dam on Republican River, 2 miles southeast of Republican City and 8 miles southeast of Alma.

DRAINAGE AREA.--20,750 square miles, approximately 13,530 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is mean sea level.

PERIOD OF RECORD.--November 1952 - present

REMARKS.--Values from the U.S. Bureau of Reclamation Great Plains Region web page. Published by U.S. Geological Survey up to Oct. 1, 1994.

STORAGE (ACFT), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	131800	129600	128300	128100	130100	131500	136100	138500	137700	131300	120600	118200
2	131700	129400	128000	128200	130200	131500	136100	138500	137600	130200	120600	118300
3	131600	129200	128000	128300	130200	131600	136100	138500	137400	129700	120600	118200
4	131600	129400	128000	128300	130300	131700	136200	138500	137100	128800	120300	118100
5	131800	129400	128100	128400	130300	131800	136400	138600	137100	127800	120300	118000
6	131000	129300	128000	128400	130300	131900	136600	138800	137400	127800	120000	117800
7	130800	129100	128000	128400	130400	132200	137000	138800	137000	125900	120100	117700
8	130400	129100	128100	128400	130600	131800	136900	139000	137000	124900	119900	117600
9	130300	129100	128000	128600	130600	132200	137100	139200	136600	124100	120000	117500
10	130300	128900	128000	128600	130900	132300	137100	139100	136100	123500	119800	118600
11	130400	128800	128000	128700	130800	132400	137300	139200	136300	123500	119700	118500
12	130900	128700	128000	128900	130700	132500	137400	138900	135300	123300	119500	118500
13	130900	128600	128000	128900	130600	132700	137400	139000	136100	123100	119300	118300
14	130800	128400	128100	128900	130800	132700	137500	139000	135900	123000	119200	118100
15	130600	128500	128100	129000	130700	132500	137500	138900	135300	122700	119000	117900
16	130600	128400	128000	129100	130700	132800	137500	138900	135800	122300	118900	117900
17	130600	128300	128000	129200	130600	132600	137500	138800	137800	122000	119100	117700
18	130500	128200	128000	129200	130600	132700	137900	138800	137800	122000	118900	117500
19	130200	128200	128000	129300	130700	132900	137800	138800	137800	121900	118900	117200
20	130600	128100	128000	129300	130700	132600	137600	138500	137600	121400	119400	116900
21	130600	128100	128000	129300	130800	134100	137600	138600	137800	122200	119300	116600
22	130400	128000	128000	129300	130800	134100	137500	138500	137600	122400	119200	117200
23	130200	128100	128000	129300	130900	134500	137400	138600	137100	122100	119000	116900
24	130200	128000	128000	129500	131000	134700	137500	138500	136100	121900	119000	116700
25	130100	127800	128000	129500	131000	135000	137700	138500	136100	121700	118600	116700
26	130000	127700	128000	129200	131100	135200	137700	138000	135300	121700	118700	116500
27	129900	127700	128000	129700	131200	135200	137600	137800	134200	121500	118600	116400
28	129700	128800	128000	129900	131400	135100	137800	137900	133500	121500	118900	116400
29	129700	128500	128000	130000	---	135000	138400	137700	132500	121200	118700	116200
30	129700	128100	128100	130100	---	135600	138400	137300	132500	121200	118600	116100
31	129700	---	128100	129900	---	136100	---	137300	---	120700	118300	---
MEAN	130600	128600	128000	129000	130700	133200	137300	138500	136300	123800	119400	117500
MAX	131800	129600	128300	130100	131400	136100	138400	139200	137800	131300	120600	118600
MIN	129700	127700	128000	128100	130100	131500	136100	137300	132500	120700	118300	116100
CAL YEAR 2005	MEAN	127100	MAX	141400	MIN	107000						
WTR YEAR 2006	MEAN	129400	MAX	139200	MIN	116100						

NAPONEE CANAL from Republican River, 00105000

LOCATION.--NE1/4NE1/4 Sec. 14-1-17 W. below Harlan County Dam

GAGE.--Sparling Meter

PERIOD OF RECORD.--1955 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2006

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00

R E P U B L I C A N R I V E R B A S I N

FRANKLIN CANAL from Republican River, 00053000

LOCATION.--NW1/4NE1/4 Sec. 11-1-17 W. below Harlan County Dam

GAGE.--Continuous stage recorder and orifice

PERIOD OF RECORD.--1954 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2006

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
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NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00

REPUBLICAN RIVER BASIN

TURKEY CREEK at Naponee, 06850000

LOCATION.--SW1/4SW1/4 Sec. 4-1-16 W., Franklin County, Lat. 40° 04' 35", Long. 99° 08' 18", on the right, downstream abutment on the road bridge at the Naponee city park, Naponee, Nebraska.

DRAINAGE AREA.--129 square miles.

GAGE.--Continuous stage recorder. Gage datum 1,870.00 feet (Corps of Engineers bench mark).

PERIOD OF RECORD.--Published by USGS at as a continuous record site 1948 - 1953, published as a miscellaneous or partial record site 1954 - 1989, crest-stage partial record station 1991 - 2002, continuous record site by Nebraska Department of Natural Resources 2003.

REMARKS.--Records are fair, except estimated records are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 99 cubic feet per second June 17, gage height 3.05 feet; minimum daily discharge 2.8 cubic feet per second August 12.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.1	6.8	6.7e	8.3	7.6	7.7	8.0	6.6	5.3	5.5	3.3	4.4
2	5.1	7.0	6.6e	8.2	7.6	7.5	7.8	6.5	4.8	5.5	4.5	5.2
3	5.0	7.1	6.5e	8.1	7.3	7.4	7.6	7.0	5.1	5.8	4.5	4.4
4	4.9	7.3	6.2e	8.1	7.4	7.8	7.8	6.9	5.1	5.2	4.1	4.4
5	4.7	7.6	6.0e	7.8	7.4	7.5	7.9	7.1	5.1	5.0	3.8	4.3
6	5.1	7.1	6.0e	7.7	7.4	7.3	7.7	7.5	5.2	4.3	3.7	4.4
7	5.3	7.3	5.8e	7.5	7.3	7.1	7.6	7.3	4.6	3.9	4.3	4.3
8	5.4	7.2	6.0e	7.5	7.3	6.8	7.8	7.5	4.1	3.9	4.1	4.2
9	5.5	7.0	6.4e	7.0	7.3	7.3	8.2	7.2	3.8	4.3	3.6	6.2
10	5.6	7.1	7.3e	7.1	7.2	7.3	8.2	6.7	3.9	5.0	3.4	13
11	6.3	7.2	7.9e	7.4	7.1	7.2	7.5	6.9	4.3	4.6	3.3	6.8
12	6.1	7.4	8.7e	7.4	7.4e	7.1	7.5	6.7	4.6	4.2	2.8	5.8
13	5.7	7.0	8.7	7.2	7.4e	7.2	7.3	6.5	4.5	4.1	3.5	5.4
14	5.7	7.3	8.6	7.2	7.1e	7.1	7.2	6.4	4.5	4.0	3.7	5.1
15	5.7	6.7	8.1	7.2	6.7e	7.3	6.9	6.4	4.1	3.6	3.0	5.0
16	6.1	6.8	7.4e	7.1	6.2e	6.8	7.0	6.6	9.2	3.8	3.5	5.3
17	6.1	7.0	7.1e	6.9	6.0e	6.8	6.9	6.3	72	3.6	13	5.1
18	6.1	7.3	6.9e	7.2	6.1e	6.9	6.5	6.3	47	3.5	6.1	5.4
19	6.3	7.6	6.3e	7.4	6.3e	7.1e	6.5	6.3	17	3.5	4.8	5.6
20	7.0	7.2	6.4e	7.2	6.7e	7.2e	6.8	6.0	10	3.6	4.5	5.7
21	6.5	6.8	7.2e	7.0	7.9e	7.2e	6.5	6.3	9.4	7.8	4.3	5.9
22	6.4	6.9	8.0e	7.1	7.8	7.2e	6.4	6.2	8.0	4.6	5.0	6.0
23	6.3	7.0	8.8	7.5	7.8	7.2e	6.3	6.1	7.6	4.2	4.9	5.7
24	6.5	6.8	8.8	7.2	7.9	7.3e	6.0	5.6	8.7	4.0	4.1	5.7
25	6.7	7.0	8.2	7.3	7.6	7.3e	5.8	5.4	7.3	4.4	4.2	5.5
26	6.9	7.2	8.2	7.7	8.5	8.2	6.5	5.6	7.0	4.4	4.4	5.4
27	6.9	7.1e	8.2	7.6	7.9	8.2	7.0	5.7	6.9	4.3	4.7	5.3
28	6.9	7.1e	8.0	7.9	7.8	8.1	6.8	5.2	6.6	4.1	5.8	5.6
29	7.1	6.9e	8.0	7.6	---	8.2	6.8	5.1	6.0	3.6	4.7	5.7
30	6.9	6.9e	8.0	7.5	---	8.1	6.5	5.7	5.8	3.4	4.5	5.3
31	6.8	---	7.9	7.7	---	8.0	---	5.9	---	3.2	4.3	---
TOTAL	186.7	212.7	228.9	231.6	204	229.4	213.3	197.5	297.5	134.9	138.4	166.1
MEAN	6.0	7.1	7.4	7.5	7.3	7.4	7.1	6.4	9.9	4.4	4.5	5.5
MAX	7.1	7.6	8.8	8.3	8.5	8.2	8.2	7.5	72	7.8	13	13
MIN	4.7	6.7	5.8	6.9	6.0	6.8	5.8	5.1	3.8	3.2	2.8	4.2
AC-FT	370	422	454	459	405	455	423	392	590	268	275	329
CAL YEAR 2005 TOTAL			3098	MEAN	8.5	MAX	80.0	MIN	4.7	AC-FT	6145	
WTR YEAR 2006 TOTAL			2441	MEAN	6.7	MAX	72.0	MIN	2.8	AC-FT	4842	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

CENTER CREEK at Franklin, 06851000

LOCATION.--SE1/4SW1/4 Sec. 36-2-15 W. at Franklin, Franklin County, Latitude 40°05'33", Longitude 98°57'53", on the left bank at the downstream side of the Franklin County bridge at the southwest edge of Franklin, Nebraska.

GAGE.--Continuous stage recorder. Gage Datum is 1828.50 feet above sea level.

PERIOD OF RECORD.--1948 - 1956, Annual peaks and occasional low flow measurements 1961 - 1968, 1968 - 1975, 1977 - 1994, 2003 - present.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993. Station location is about 1.7 miles downstream of the old station location. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 3,150 cubic feet per second September 20, 1950 at gage height 6.80 feet; minimum daily discharge zero August 29, 1948.

EXTREMES FOR CURRENT YEAR.--Peak discharge 502 cubic feet per second June 17, at gage height 5.99 feet; minimum daily discharge 0.85 cubic feet per second August 12.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.0	5.1	3.8e	5.2	5.7	4.9	5.6	5.3	3.4	2.6	2.7	5.7
2	3.8	5.0	3.9e	5.0	5.6	4.8	5.5	5.2	3.5	3.5	3.4	5.2
3	3.5	4.8	4.1e	5.0	5.7	4.9	5.4	5.7	3.6	4.2	3.2	3.8
4	3.5	5.1	3.9e	5.0	5.7	4.9	5.6	5.5	3.4	4.2	3.7	3.7
5	3.9	5.1	4.1e	5.0	6.0	5.1	5.6	5.5	2.3	3.6	4.1	3.7
6	4.3	5.1	3.6e	5.3	5.9	5.7	5.4	5.6	0.94	3.6	4.2	3.7
7	4.3	4.8	3.4e	5.6	5.8	6.4	6.3	5.8	3.2	3.4	4.4	3.5
8	4.2	4.7	2.6e	5.6	5.9	6.3	5.4	5.8	3.3	3.6	4.4	3.4
9	4.0	4.6	2.9e	5.3	6.0	6.3	5.2	5.7	3.8	3.7	4.3	4.9
10	4.0	5.0	4.3e	5.4	6.0	6.3	5.2	5.4	2.9	4.7	4.6	4.0
11	5.1	4.9	4.7e	5.2	6.1	6.1	5.1	5.3	3.1	4.5	2.7	3.9
12	6.0	4.8	5.1e	5.3	6.3	6.3	5.0	5.3	3.0	3.8	0.85	3.9
13	5.2	4.7	6.0	5.5	6.3	6.4	5.0	5.3	2.8	1.9	1.0	3.8
14	4.2	5.2	5.9	5.4	6.3	6.3	5.0	5.2	2.5	3.5	1.1	3.8
15	3.7	5.8	5.8	5.1	6.1	6.4	5.0	5.2	3.3	3.2	1.9	3.7
16	3.6	6.0	5.6e	5.1	6.3e	6.3	5.0	5.1	27	2.9	4.8	3.4
17	3.8	6.0	4.3e	5.3	5.8e	6.3	4.9	5.0	169	2.8	6.4	3.4
18	3.7	5.9	3.9e	5.2	4.2e	6.5	4.9	4.9	93	2.8	4.6	3.6
19	4.0	5.5	3.8e	5.1	5.2e	7.5	5.0	4.7	17	2.3	4.9	3.6
20	3.9	5.5	3.9e	5.2	6.4e	7.4	5.1	4.5	6.4	2.9	5.1	3.4
21	3.9	5.7	4.6e	5.5	5.9	6.7	3.8	4.0	6.5	7.3	5.2	3.8
22	4.0	5.7	5.9	5.3	5.3	6.3	1.7	3.5	5.3	3.2	4.8	3.9
23	4.3	5.4	6.2	5.2	5.7	6.3	2.8	2.6	5.1	3.2	4.7	3.8
24	4.5	5.3	6.3	5.1	5.3	6.5	4.9	1.7	5.3	3.0	4.5	3.5
25	4.6	5.5	6.1	4.9	5.3	6.4	5.2	1.9	4.9	2.5	4.5	3.3
26	4.6	5.5	6.2	4.8	6.0	6.8	5.2	3.6	4.6	2.8	4.7	3.3
27	4.6	5.7e	6.3	5.0	5.4	6.7	5.1	3.5	4.7	2.2	5.3	3.3
28	4.6	5.2e	5.9	5.2	5.1	6.0	5.6	3.2	4.5	2.9	5.3	3.7
29	4.9	4.5e	5.7	5.3	---	5.7	5.6	3.2	4.0	2.6	4.2	3.6
30	4.9	4.4e	5.5	5.4	---	6.0	5.2	4.1	3.7	1.9	4.1	3.4
31	4.8	---	5.5	5.5	---	5.9	---	3.8	---	2.4	4.7	---
TOTAL	132.4	156.5	149.8	162	161.3	190.4	150.3	141.1	406.04	101.7	124.35	113.7
MEAN	4.3	5.2	4.8	5.2	5.8	6.1	5.0	4.6	13.5	3.3	4.0	3.8
MAX	6.0	6.0	6.3	5.6	6.4	7.5	6.3	5.8	169	7.3	6.4	5.7
MIN	3.5	4.4	2.6	4.8	4.2	4.8	1.7	1.7	0.94	1.9	0.85	3.3
AC-FT	263	310	297	321	320	378	298	280	805	202	247	226
CAL YEAR 2005	TOTAL		2215	MEAN	6.1	MAX	157.0	MIN	1.9	AC-FT	4392	
WTR YEAR 2006	TOTAL		1990	MEAN	5.5	MAX	169.0	MIN	0.85	AC-FT	3946	

e indicates estimated discharge.

FRANKLIN PUMP CANAL from Republican River, 00054000

LOCATION.--NW1/4NE1/4 Sec. 10-1-14 W. near Franklin

GAGE.--Continuous stage recorder and 4 ft. Parshall flume

PERIOD OF RECORD.--1954 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2006

 Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	0.000	MIN	0.000	AC-FT	0.00
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00

REPUBLICAN RIVER BASIN

REPUBLICAN RIVER at Riverton, 06851090

LOCATION.--NE1/4NE1/4 Sec. 3-1-13 W., Franklin County, Latitude 40° 05' 20", Longitude 98° 45' 54", on the left, upstream side of the Franklin County Road near the west edge of Riverton, NE.

GAGE.--Continuous stage recorder.

DRAINAGE AREA.--21,300 square miles

PERIOD OF RECORD.--USGS miscellaneous site 1963 - 1967, crest-stage gage 1970 - 1978, Department of natural Resources continuous record 2003 - to present.

REMARKS.--Records are good, except estimated records and records above 100 cubic feet per second are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 269 cubic feet per second June 29, gage height 4.92 feet; minimum daily discharge 0.04 on August 12.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.9	16	23e	29e	30	31	37	32	13	231	9.0	5.7
2	9.3	17	25e	29e	30	30	35	28	11	223	11	17
3	8.4	19	24e	29	29	30	35	34	11	270	12	12
4	8.0	20	23e	28	29	30	34	33	10.0	310	8.8	9.2
5	8.0	20	22e	28	29	30	33	33	9.9	321	7.6	8.2
6	8.3	20	22e	27	30	29	32	32	9.5	311	7.0	7.7
7	9.3	20	21e	28	30	30	40	31	8.0	287	7.1	7.3
8	10	20	21e	28	30	30	40	30	7.2	270	6.3	6.5
9	11	20	21e	28	30	31	37	29	6.3	263	4.0	9.2
10	11	21	21e	27	30	30	34	27	6.3	259	3.3	13
11	15	21	22e	29	29e	30	32	24	8.2	248	1.6	12
12	17	22	23e	29	28e	30	31	23	8.4	180	0.37	12
13	15	21	23e	28	29	31	29	22	7.6	111	0.83	11
14	14	21	25e	28	31	30	29	21	6.2	84	1.2	9.1
15	13	21e	24e	28	28e	30	30	20	4.6	79	0.04	8.0
16	13	20e	24e	28	27e	30	28	20	9.7	71	1.3	7.0
17	13	22e	22e	27	26e	29	28	19	26	65	17	5.7
18	13	22e	21e	28	27e	29e	29	18	165	61	8.1	5.7
19	13	23e	21e	29	27e	30e	29	16	137	53	7.0	6.0
20	18	24	21e	29	29e	29e	28	14	78	38	5.5	6.4
21	17	23	22e	28	31e	29e	28	13	56	43	4.3	7.7
22	16	24	23e	28	31e	28e	26	13	39	44	3.2	9.5
23	16	24	24e	28	32e	28e	24	12	32	35	3.1	8.1
24	16	24	26e	28	31e	29e	29	10	29	28	4.1	7.6
25	17	24	27e	29	29e	29e	35	9.3	36	47	4.7	7.2
26	17	25	27e	30	29e	30e	34	10	83	35	6.6	6.8
27	17	24e	28e	29	30e	30e	30	11	187	21	5.8	6.4
28	17	23e	28e	29	30e	31e	32	9.4	259	17	10	6.1
29	17	24e	28e	30	---	32e	35	8.2	253	15	8.9	6.4
30	16	23e	29e	29	---	34e	35	13	236	13	7.3	6.1
31	16	---	29e	29	---	40	---	15	---	11	5.6	---
TOTAL	418.2	648	740	881	821	939	958	629.9	1752.9	4044	182.64	250.6
MEAN	13.5	21.6	23.8	28.4	29.4	30.4	31.9	20.3	58.4	130.4	5.9	8.3
MAX	18	25	29	30	32	40	40	34	259	321	17	17
MIN	8.0	16	21	27	26	28	24	8.2	4.6	11	0.04	5.7
AC-FT	829	1285	1468	1747	1628	1862	1900	1249	3477	8021	362	497
CAL YEAR 2005	TOTAL		12415	MEAN	34.0	MAX	384.0	MIN	0.000	AC-FT	24620	
WTR YEAR 2006	TOTAL		12265	MEAN	33.6	MAX	321.0	MIN	0.040	AC-FT	24330	

e indicates estimated discharge.

THOMPSON CREEK at Riverton, 06851500

LOCATION.--NW1/4NW1/4 Sec. 2-1-13 W., Franklin County, Lat. 40°05'21", Long. 98°45'38", on left bank 15 feet downstream from bridge on U. S. Highway 136, at west edge of Riverton, 240 feet upstream from Burlington Northern Railroad bridge, and 0.5 miles upstream from the mouth.

DRAINAGE AREA.--290 square miles; approximately 197 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Datum of gage is 1,753.38 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1948 - 1956, Annual peaks 1962 - 1968, occasional low flow measurements 1961 -1968, 1968 - 1975, 1977 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994. Records are good except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 12,200 cubic feet per second July 9, 1950 at gage height 13.22 feet; minimum daily discharge 6.5 cubic feet per second June 11, 1996.

EXTREMES FOR CURRENT YEAR.--Peak discharge 494 cubic feet per second June 18, gage height 7.00 feet; minimum daily discharge 5.7 cubic feet per second June 25.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13	16	15e	17	17	17	19	14	14	11	7.7	12
2	13	17	15e	17	17	16	19	14	13	11	12	15
3	13	16	15e	17	16	15	19	19	14	12	11	13
4	13	15	14e	17	15	16	18	16	13	12	9.1	13
5	13	15	14e	18	15	17	18	15	13	13	7.8	13
6	13	15	14e	17	16	16	19	15	14	12	7.5	13
7	13	15	14e	17	16	16	21	15	12	11	11	12
8	12	16	14e	17	15	16	18	16	10	11	11	13
9	12	17	14e	17	14e	16	17	16	8.5	12	8.2	16
10	13	15	15e	16	14e	16	17	15	9.1	13	7.5	15
11	15	16	16	16	13e	16	17	14	13	12	8.6	15
12	14	18	17	17	13e	16	17	13	12	12	6.7	14
13	14	17	17	17	14	16	17	13	12	10	9.9	14
14	14	18	17	16	17	14	16	13	10.0	10	11	14
15	13	16e	16	17	16e	15	16	13	8.6	8.5	7.6	13
16	14	14e	15e	17	13e	15	16	13	13	7.6	11	13
17	14	14e	15e	16	11e	14	16	13	41	6.8	42	13
18	14	15e	14e	15	11e	15e	16	13	384	7.3	14	13
19	15	17	13e	16	11e	14e	14	13	167	6.4	19	13
20	18	18	14e	16	13e	14e	14	13	29	6.1	12	13
21	15	18	14e	15	13e	14e	14	13	11	16	11	15
22	15	17	14e	14	14	13e	14	13	9.2	9.9	10	14
23	14	19	16	14	15	13e	14	13	8.6	8.7	9.8	14
24	13	18	17	15	14e	13e	16	13	7.0	8.1	9.5	14
25	13	17	16	15	13e	13e	14	12	5.7	7.3	14	13
26	14	17e	16	16	14	14e	13	14	5.8	8.0	13	13
27	15	16e	16	16	16	15e	14	14	6.4	8.8	13	13
28	16	15e	16	16	17	17e	16	13	9.3	8.7	13	13
29	17	15e	16	16	---	18	16	12	12	7.3	13	12
30	18	15e	16	16	---	21	15	19	10	7.0	11	12
31	18	---	16	16	---	20	---	16	---	6.2	11	---
TOTAL	441	487	471	502	403	481	490	438	895.2	300.7	362.9	403
MEAN	14.2	16.3	15.1	16.3	14.4	15.6	16.2	14.1	29.9	9.7	11.7	13.4
MAX	18	19	17	18	17	21	21	19	384	16	42	16
MIN	12	14	13	14	11	13	13	12	5.7	6.1	6.7	12
AC-FT	875	966	934	996	799	954	972	869	1776	596	720	799
CAL YEAR 2005 TOTAL			7903	MEAN	21.7	MAX	810.0	MIN	5.7	AC-FT	15670	
WTR YEAR 2006 TOTAL			5675	MEAN	15.5	MAX	384.0	MIN	5.7	AC-FT	11260	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

ELM CREEK at Amboy, 06852000

LOCATION.--NEL/4NW1/4 Sec. 3-1-10 W., Webster County, Lat. 40°05'20", Long. 98°26'07", on left bank at downstream side of bridge on U. S. Highway 136, at east edge of Amboy, 400 feet east of Burlington Northern railroad track, 2.5 miles upstream from the mouth, 4.5 miles east of Red Cloud, and 5.5 miles west of Guide Rock.

DRAINAGE AREA.--39.2 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,659.07 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1948 - 1953, Annual peaks 1959, 1961 - 1977, occasional low flow measurements 1954 - 1977, 1977 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 9,540 cubic feet per second July 4, 2000 at gage height 17.10 feet; minimum daily discharge 6.2 cubic feet per second August 28, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,130 cubic feet per second August 19, gage height 13.54 feet; minimum daily discharge 6.9 cubic feet per second July 31 & August 1.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.7	11	12e	11	12	12	13	13	15	8.1	6.9	9.4
2	9.7	11	12e	11	12	11	14	12	14	8.2	7.9	9.9
3	9.3	11	12e	11	12	11	13	13	14	8.8	7.8	9.8
4	9.0	11	12e	11	12	12	13	13	13	9.1	7.5	9.8
5	9.1	11	12e	11	12	12	12	13	13	9.2	7.2	9.8
6	9.2	11	12e	11	12	11	13	13	12	8.9	6.9	10
7	9.3	11	12e	11	12	12	15	13	11	8.9	7.4	10
8	9.2	11	12e	11	12	12	13	14	10	9.0	7.5	10
9	9.0	11	12e	11	12	12	12	14	9.8	9.5	7.3	11
10	8.8	11	12e	11	12	12	12	13	9.3	10	7.6	21
11	9.9	11	12e	11	11	11	12	13	12	9.9	7.9	12
12	9.6	11	13	11	11	11	11	13	11	9.2	8.1	11
13	9.2	11	13	11	11	12	11	12	11	8.7	8.8	11
14	9.2	11	13	11	12	11	11	12	9.7	8.6	9.2	11
15	9.1	12	12	11	11e	11	12	12	9.3	8.5	9.0	10
16	9.1	12	12	11	11e	11	12	12	11	8.4	9.6	10
17	9.2	12	12	11	11e	11	12	12	16	7.9	32	10
18	9.2	12	12	11	11e	12	12	12	10	7.8	13	10
19	9.4	12	12	11	11e	12e	12	12	9.0	7.6	520	10
20	11	12	12	11	11e	12e	11	11	8.5	7.4	72	10
21	9.9	12	11	11	11	12e	11	11	8.3	8.6	15	11
22	9.9	12	12	11	11	12e	12	11	7.9	8.5	10	11
23	9.8	12	12	11	11	12e	12	11	7.5	8.2	9.3	11
24	9.8	12	13	11	11	12e	13	11	8.2	8.0	8.9	11
25	9.9	12	12	11	11	12e	14	11	8.0	7.7	8.9	11
26	9.9	12	12	12	11	13e	13	11	7.9	7.5	9.3	10
27	9.9	12e	12	12	11	15	13	12	8.0	7.3	9.3	10
28	10	12e	12	12	11	13	14	11	7.9	7.2	9.4	11
29	10	12e	11	12	---	13	14	11	7.9	7.2	9.3	10
30	10	12e	12	12	---	14	13	20	8.2	7.0	9.2	10
31	10	---	11	12	---	14	---	20	---	6.9	9.2	---
TOTAL	296.3	346	373	347	319	373	375	392	308.4	257.8	871.4	321.7
MEAN	9.6	11.5	12.0	11.3	11.3	12.0	12.5	12.7	10.3	8.3	28.1	10.8
MAX	11	12	13	12	12	15	15	20	16	10	520	21
MIN	8.8	11	11	11	11	11	11	11	7.5	6.9	6.9	9.4
AC-FT	588	686	740	688	633	740	744	778	612	511	1728	638
CAL YEAR 2005	TOTAL		4356	MEAN	11.9	MAX	45.0	MIN	7.6	AC-FT	8641	
WTR YEAR 2006	TOTAL		4581	MEAN	12.5	MAX	520.0	MIN	6.9	AC-FT	9085	

e indicates estimated discharge.

REPUBLICAN RIVER BASIN

COURTLAND CANAL from Republican River, 00031000

LOCATION.--SE1/4SE1/4 Sec. 7-1-9 W. near Guide Rock

GAGE.--Continuous stage recorder and orifice

PERIOD OF RECORD.--1952 -present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2006												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	32	47	49	82	69	71	102	85	44	209	0.00	34
2	33	48	45	76	68	69	99	94	38	208	0.00	34
3	31	48	44	73	66	69	90	101	37	223	0.00	34
4	29	48	43	71	65	72	90	92	35	237	0.00	34
5	27	48	36	68	66	69	89	88	29	283	0.00	34
6	28	49	43	70	66	70	97	88	26	289	0.00	34
7	31	50	38	71	67	71	107	91	25	282	0.00	34
8	33	48	37	70	65	71	100	78	23	278	0.00	34
9	34	48	40	61	68	71	97	80	22	286	0.00	48
10	36	49	42	69	53	72	95	80	21	311	0.00	50
11	45	51	46	73	49	69	90	80	23	329	0.00	45
12	45	50	48	71	61	69	90	80	25	341	0.00	42
13	44	50	51	69	83	69	89	80	24	293	0.00	40
14	42	48	52	71	75	69	86	80	28	160	0.00	36
15	41	47	51	70	63	69	84	80	40	94	0.00	35
16	42	49	52	66	49	68	83	80	44	85	0.00	31
17	41	50	50	67	48	68	83	80	44	81	23	28
18	40	51	48	71	49	74	78	80	95	76	117	28
19	48	53	48	70	54	77	77	80	139	75	102	28
20	49	53	44	67	57	79	78	80	310	45	265	31
21	46	53	49	68	62	101	79	80	149	25	53	42
22	45	54	51	64	71	82	78	80	152	56	53	37
23	44	53	57	67	93	81	77	80	93	53	42	35
24	44	52	62	68	82	81	79	80	84	57	34	34
25	45	53	66	69	73	84	83	80	75	63	31	33
26	45	57	68	71	75	93	83	80	80	62	34	32
27	46	62	74	71	76	95	84	80	116	60	42	30
28	47	54	75	68	74	95	93	82	172	57	46	31
29	48	53	80	66	---	95	91	82	200	52	45	31
30	47	49	69	67	---	95	87	82	232	15	44	31
31	46	---	82	68	---	106	---	85	---	0.00	39	---
TOTAL	1254	1525	1640	2153	1847	2424	2638	2568	2425	4685	970	1050
MEAN	40.5	50.7	52.9	69.5	66.0	78.2	87.9	82.8	80.8	151.1	31.3	35.0
MAX	49	62	82	82	93	106	107	101	310	341	265	50
MIN	27	47	36	61	48	68	77	78	21	0.00	0.00	28
AC-FT	2487	3025	3253	4270	3663	4808	5232	5094	4810	9293	1924	2083
CAL YEAR 2005	TOTAL		24574	MEAN	67.3	MAX	317.0	MIN	0.000	AC-FT	48740	
WTR YEAR 2006	TOTAL		25179	MEAN	69.0	MAX	341.0	MIN	0.000	AC-FT	49940	

REPUBLICAN RIVER BASIN

SUPERIOR CANAL from Republican River, 00137000

LOCATION.--NW1/4NW1/4 Sec. 8-1-9 W. near Guide Rock

GAGE.--Continuous stage recorder and 12 ft. Parshall flume

PERIOD OF RECORD.--1951 - present

REMARKS.--Values furnished by United States Bureau of Reclamation

DISCHARGE (CFS), WATER YEAR 2006

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
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NO WATER WAS DIVERTED IN 2006.

CAL YEAR 2005	MAX	54.0	MIN	0.000	AC-FT	4709	
WTR YEAR 2006	MAX	0.000	MIN	0.000	AC-FT	0.00	

BIG BLUE RIVER at Surprise, 06879900

LOCATION.--NW1/4NW1/4 Sec. 15-13-1 E., Butler County, Lat. 41° 06' 05", Long. 97° 18' 35", on left bank
50 feet downstream from bridge on county road at south edge of Surprise.

DRAINAGE AREA.--345 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,522.84 feet above mean sea level.

PERIOD OF RECORD.--1964 - present (Published as North Branch Big Blue River at Surprise WY 1964)

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are good, except
estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,700 cubic feet per second July 19, 1965, gage height
11.52 feet; no flow for many days in many years.

EXTREMES FOR CURRENT YEAR.--Peak discharge 380 cubic feet per second May 5, gage height 3.46 feet;
minimum daily discharge zero many days during the year.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.00	0.63	0.06	0.01e	2.0	0.27e	0.00	1.7	0.06	0.07
2	0.00	0.00	0.00	0.64	0.06	0.01e	1.5	0.05	0.00	0.92	0.38	0.03
3	0.00	0.00	0.00	0.37	0.04	0.01e	1.2	0.00	0.00	0.44	0.11	0.03
4	0.00	0.00	0.00	0.23	0.01	0.01e	0.49	0.00	113	0.74	0.01	0.03
5	0.00	0.00	0.00	0.12	0.00	0.09e	0.61	0.00	8.5	0.46	0.00	0.03
6	0.00	0.00	0.00	0.07	0.00	0.06	0.58	0.00	1.6	0.30	0.40	0.03
7	0.00	0.00	0.00	0.05	0.00	0.05	0.41	0.00	0.35	0.10	1.9	0.03
8	0.00	0.00	0.00	0.04	0.00	0.11	0.16	0.09	0.09	0.37	25	0.03
9	0.00	0.00	0.00	0.02	0.00	0.19	0.09	0.15	0.03	1.2	22	0.04
10	0.00	0.00	0.00	0.02	0.00	0.12	0.05	0.25	0.00	1.1	6.4	10
11	0.00	0.00	0.00	0.03	0.00e	0.10	0.03	4.7	0.00	3.1	1.6	8.6
12	0.00	0.00	0.00	0.03	0.00e	0.05	0.01	2.4	0.00	8.3	0.30	1.4
13	0.00	0.00	0.00	0.03	0.00e	0.08	0.01	1.6	0.00	8.1	0.12	0.82
14	0.00	0.00	0.00	0.03	0.00e	0.03	0.03	0.80	0.00	2.3	0.05	0.53
15	0.00	0.00	0.00	0.04	0.00e	0.02	0.05	0.24	0.00	1.6	0.02	3.4
16	0.00	0.00	0.00	0.05	0.00e	0.03e	0.06	0.07	0.00	1.1	28	99
17	0.00	0.00	0.00	0.03	0.00e	0.04e	0.03	0.03	32e	0.59	72	104
18	0.00	0.00	0.00	0.01	0.00e	0.05e	0.03	0.00	38e	0.23	12	47
19	0.00	0.00	0.00	0.03	0.00e	0.08e	0.03	0.00	15	0.19	12	26
20	0.00	0.00	0.00	0.03	0.00e	0.04e	0.00	0.00	12	0.64	5.7	9.4
21	0.00	0.00	0.00	0.01	0.00e	0.07e	0.00	0.00	3.5	1.9	3.0	4.5
22	0.00	0.00	0.01	0.00	0.00e	0.03e	0.00	0.00	1.1	1.3	0.77	17
23	0.00	0.00	0.12	0.00	0.00e	0.01e	0.00	0.29	8.8	0.25	9.3	13
24	0.00	0.00	0.42	0.00	0.00e	0.00e	0.00	0.32	9.5	0.10	13	7.1
25	0.00	0.00	0.45	0.00	0.00e	0.00e	0.00	0.35	5.0	0.26	8.0	6.6
26	0.00	0.00	0.51	0.01	0.00e	0.01	0.00	1.8	3.1	0.27	3.7	4.8
27	0.00	0.00	0.54	0.00	0.00e	0.04	0.00	1.7	2.1	0.53	2.8	3.1
28	0.00	0.00	0.75	0.06	0.00e	0.00	0.20	0.51	1.8	0.47	1.7	1.3
29	0.00	0.00	0.62	0.10	---	0.05	0.56e	0.11	0.95	0.19	0.67	0.75
30	0.00	0.00	0.64	0.08	---	0.35	0.55e	0.04	0.59	0.02	0.59	0.66
31	0.00	---	0.35	0.06	---	2.1	---	0.02	---	0.00	0.86	---
TOTAL	0	0	4.41	2.82	0.17	3.84	8.68	15.79	257.01	38.77	232.44	369.28
MEAN	0.000	0.000	0.14	0.091	0.007	0.12	0.29	0.51	8.5	1.2	7.5	12.3
MAX	0.00	0.00	0.75	0.64	0.06	2.1	2.0	4.7	113	8.3	72	104
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
AC-FT	0.00	0.00	8.7	5.6	0.3	7.6	17	31	510	77	461	732
CAL YEAR 2005	TOTAL		2620	MEAN	7.2	MAX	587.0	MIN	0.000	AC-FT	5197	
WTR YEAR 2006	TOTAL		933	MEAN	2.6	MAX	113.0	MIN	0.000	AC-FT	1851	

e indicates estimated discharge.

BIG BLUE RIVER BASIN

LINCOLN CREEK near Seward, 06880000

LOCATION.--NW1/4NE1/4 Sec. 24-11-2 E., Seward County, Lat. 40° 54' 57", Long. 97° 08' 43", on left bank at downstream side of county road bridge, 2 miles west of Seward, and 3.8 miles upstream from the mouth.

DRAINAGE AREA.--438 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,429.27 feet above sea level.

PERIOD OF RECORD.--1953 - 1973, March 1974 - present. Month discharge only for some periods, published in USGS WSP 1730.

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Records are good except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,100 cubic feet per second June 17, 1957, gage height 20.53 feet; minimum daily discharge 1.3 cubic feet per second July 31, 1955.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,130 cubic feet per second August 17, gage height 16.01 feet; minimum daily discharge 3.6 cubic feet per second August 1.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	5.1	5.6	7.9e	7.0e	6.9	8.8	16	12	9.9	8.5	3.6	8.2
2	5.1	5.7	7.6e	6.8e	6.9	9.1	16	11	9.7	7.9	3.8	8.2
3	5.2	5.9	7.5e	6.7e	6.9	9.1	17	15	9.6	7.1	4.5	8.4
4	5.4	6.0	7.2e	6.8e	6.9	9.1	18	11	481	7.3	3.9	8.3
5	5.3	6.1	6.6e	6.6e	7.0e	9.4	18	11	172	7.6	3.8	8.3
6	4.9	6.3	6.5e	6.6e	7.0e	9.6	18	11	22	7.7	3.9	8.3
7	5.2	6.2	6.2e	6.7	6.9	9.8	19	10	17	6.8	4.8	8.4
8	5.0	6.0	6.1e	6.7	6.8	10	17	10	16	7.0	131	8.5
9	5.1	6.2	6.0e	6.6	7.0e	10	16	10	16	7.0	210	8.7
10	5.1	6.2	6.4e	6.9	7.0e	11	14	10	16	7.2	157	12
11	5.0	6.3	6.8e	6.9e	6.9e	10	13	9.7	15	7.3	72	12
12	5.8	6.4	7.5e	6.7	7.0e	11	13	9.7	15	7.4	43	9.9
13	5.0	6.6	7.6e	6.6	7.0e	11	12	10	15	7.6	29	9.3
14	4.9	6.3	7.8e	6.5	7.2e	11	12	9.4	15	7.8	24	9.4
15	4.9	6.7e	8.1e	6.5	7.1e	11	12	9.5	15	7.7	18	13
16	4.9	6.6e	7.8e	6.8	6.7e	11	11	9.6	15	8.1	66	161
17	4.7	6.7e	7.7e	6.6	6.4e	11	11	9.7	46	6.9	1030	334
18	5.3	7.4	7.2e	6.8e	6.5e	12	11	9.7	28	5.2	586	51
19	5.3	8.1	7.0e	6.8	6.6e	12	11	9.7	12	4.7	289	20
20	15	8.2	7.2e	6.8	7.2e	14e	10	10.0	10.0	6.0	179	16
21	8.0	7.9	7.3e	6.8	7.8e	14e	10	9.8	8.7	6.1	80	16
22	5.6	7.8	7.8e	6.7	8.8e	12e	10	9.7	8.9	7.3	54	83
23	5.5	7.8	8.0e	6.9e	9.3e	12	10	9.7	38	5.9	32	39
24	5.6	7.7	7.9e	6.5	9.5e	13	10	77	38	5.1	22	17
25	5.6	7.7	7.9e	6.6e	9.3e	13	10	18	32	5.1	17	14
26	5.7	7.7	8.0e	6.5	9.0e	13	11	11	24	6.1	13	13
27	5.1	8.0e	7.7e	6.5	8.6e	15	10	10	18	6.4	11	12
28	5.1	8.1e	7.8e	6.8e	8.7	15	12	10	12	5.6	11	12
29	5.3	8.0e	7.4e	7.0e	---	15	14	10	11	5.0	9.3	12
30	5.4	7.9e	7.4e	7.0	---	22	13	10	8.8	5.2	8.8	12
31	5.5	---	7.2e	6.9	---	18	---	9.9	---	4.6	8.5	---
TOTAL	174.6	208.1	227.1	208.6	208.9	371.9	395	393.1	1154.6	205.2	3128.9	952.9
MEAN	5.6	6.9	7.3	6.7	7.5	12.1	13.2	12.7	38.5	6.6	101.0	31.8
MAX	15	8.2	8.1	7.0	9.5	22	19	77	481	8.5	1030	334
MIN	4.7	5.6	6.0	6.5	6.4	8.8	10	9.4	8.7	4.6	3.6	8.2
AC-FT	346	413	450	414	414	738	783	780	2290	407	6206	1890
CAL YEAR 2005	TOTAL		14196	MEAN	38.9	MAX	3480	MIN	4.7	AC-FT	28160	
WTR YEAR 2006	TOTAL		7629	MEAN	20.9	MAX	1030	MIN	3.6	AC-FT	15130	

e indicates estimated discharge.

BIG BLUE RIVER BASIN

BIG BLUE RIVER at Seward, 06880500

LOCATION.--SEL/4SW1/4 Sec. 20-11-3 E., Seward County, Lat. 40° 54' 10", Long. 97° 06' 40", at downstream end of right abutment of bridge on U.S. Highway 34 at west edge of Seward, 1.7 miles upstream of Plum Creek, and 0.2 mile downstream from Lincoln Creek.

DRAINAGE AREA.--1,107 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,421.49 feet above sea level.

PERIOD OF RECORD.--1954 - present. Monthly discharge only for some periods, published in WSP 1730.

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 15,300 cubic feet per second June 18, 1957, gage height 22.34 feet; no flow July 30-31, 1955.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,650 cubic feet per second August 17, gage height 12.84 feet; minimum daily discharge 1.9 cubic feet per second August 5.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.1	6.9	10e	14e	13	14	65	43	18	4.2	1.9	11
2	5.5	6.8	9.9e	13e	13	14	58	45	16	6.0	2.7	11
3	5.6	6.9	9.9e	13e	12	13	52	59	15	3.8	3.7	11
4	5.9	7.3	9.8e	13e	12	13	42	35	626	3.5	3.0	9.7
5	6.9	7.6	9.7e	13e	11e	14	39	27	675	6.2	1.9	8.6
6	5.5	8.1	9.3e	13e	11e	14	38	24	157	5.8	3.6	8.2
7	6.0	7.8	9.1e	13e	12e	14	39	22	63	4.9	6.0	8.1
8	6.4	7.8	9.3e	13e	11e	14	32	21	38	4.7	102	8.1
9	6.4	8.1	9.2e	11e	11e	15	28	22	27	6.3	278	8.6
10	6.4	7.8	9.5e	12e	11e	15	26	21	20	5.8	185	19
11	6.3	7.9	9.7e	14e	10e	14	22	20	18	5.8	95	23
12	7.7	8.0	10e	13e	10e	15	22	19	18	6.0	54	14
13	7.1	7.7	10e	12e	11e	15	20	20	18	6.7	35	14
14	6.1	7.9	10e	12e	11e	15	18	20	16	7.6	24	19
15	5.8	8.8e	11e	12e	12e	14	17	22	14	7.9	16	25
16	5.6	9.0e	10e	12e	11e	14	16	22	14	10	32	277
17	5.0	9.2	11e	11e	11e	15	17	21	36	9.5	1500	1160
18	6.1	9.4	10e	11e	12e	16	16	19	49	4.5	1330	627
19	6.8	11	10e	11e	12e	17	15	17	52	2.3	424	233
20	25	14	11e	12e	12e	19	15	17	27	6.2	204	168
21	24	11	11e	12e	13e	21	14	17	14	6.4	104	137
22	12	9.0	11e	12	13e	21	14	15	28	10	72	197
23	9.5	8.2	11e	12	12e	20	14	16	38	10	48	170
24	9.2	8.3	11e	12	13e	19	15	115	41	7.2	34	116
25	8.4	8.1	11e	11	13e	20	16	136	38	6.5	26	80
26	7.9	9.1	13e	12	12e	21	16	65	26	8.3	20	59
27	7.4	12	13e	11	12e	23	17	35	20	7.6	16	46
28	7.2	12e	13e	13	13e	24	24	23	12	7.4	20	40
29	6.9	11e	13e	16	---	25	42	20	8.7	4.5	20	35
30	6.8	11e	14e	14	---	47	39	18	3.8	6.2	17	27
31	7.0	---	13e	13	---	56	---	17	---	4.5	14	---
TOTAL	248.5	267.7	332.4	386	330	591	808	993	2146.5	196.3	4692.8	3570.3
MEAN	8.0	8.9	10.7	12.5	11.7	19.1	26.9	32.1	71.6	6.3	151.4	119.0
MAX	25	14	14	16	13	56	65	136	675	10	1500	1160
MIN	5.0	6.8	9.1	11	10	13	14	15	3.8	2.3	1.9	8.1
AC-FT	493	531	659	766	655	1172	1603	1970	4258	389	9308	7082
CAL YEAR 2005 TOTAL			22581	MEAN	61.9	MAX	4330	MIN	1.7	AC-FT	44790	
WTR YEAR 2006 TOTAL			14563	MEAN	39.9	MAX	1500	MIN	1.9	AC-FT	28880	

e indicates estimated discharge.

BIG BLUE RIVER BASIN

TURKEY CREEK near Wilber, 06881200

LOCATION.--NE1/4NE1/4 Sec. 19-6-4 E., Saline County, Lat. 40° 28' 48", Long. 97° 00' 43", on left bank near downstream side of bridge on State Highway 41, 2.8 miles west of Wilber.

DRAINAGE AREA.--461 square miles.

GAGE.--Continuous stage recorder. Gage datum 1322.00 feet above sea level.

PERIOD OF RECORD.--1959 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 33,000 cubic feet per second June 13, 1984, gage height 21.43 feet; No flow September 20, 21, 24, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,490 cubic feet per second August 21, gage height 12.10 feet; minimum daily discharge 0.01 cubic feet per second July 27.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1.3	1.9	0.68e	0.42	0.35	0.89e	0.46	8.2	3.0	0.71	0.17	3.5
2	1.4	2.0	0.64e	0.45	0.38	1.2e	0.28	6.8	2.4	0.73	0.25	2.1
3	1.4	1.9	0.59e	0.41	0.38	1.3e	0.32	5.9	1.7	0.68	0.19	1.6
4	1.5	2.1	0.54e	0.37	0.39	1.2e	0.50	5.6	11	0.46	0.21	0.98
5	1.5	2.0	0.60e	0.32	0.40	1.5e	0.43	5.6	8.8	0.44	0.44	0.70
6	1.6	1.8	0.55e	0.33	0.41	2.2e	0.38	5.8	5.6	0.45	0.74	0.48
7	1.7	1.7	0.45e	0.35	0.41	3.2e	0.34	4.5	3.4	0.50	1.4	0.35
8	1.7	1.7	0.42e	0.42	0.39	4.4e	0.32	3.9	3.1	0.34	169	0.26
9	1.6	1.6	0.31e	0.40	0.40	5.4e	0.38	3.8	2.8	0.33	2.3	0.20
10	1.3	1.7	0.31e	0.34	0.44	8.1e	0.40	3.8	2.4	0.47	0.57	0.90
11	1.4	1.6	0.29e	0.34	0.75	11e	0.36	4.3	200	0.29	0.42	11
12	1.6	1.5	0.31e	0.36	0.81	9.2	0.31	5.2	60	0.23	0.34	35
13	1.5	1.6	0.28e	0.31	0.63	10	0.35	6.0	8.1	0.23	0.32	45
14	1.4	1.4e	0.34e	0.30	0.61	9.1	0.57	7.3	3.1	0.37	0.29	42
15	1.3	1.4e	0.31e	0.34	0.45e	12	0.81	5.7	2.1	0.33	0.33	40
16	1.2	1.2e	0.32e	0.34	0.40e	15	0.92	4.2	1.6	0.16	0.39	31
17	1.3	1.3e	0.37e	0.34	0.60e	15	0.90	3.7	1.7	0.11	138	22
18	1.2	1.3e	0.29e	0.35	0.74e	12	1.2	3.1	1.6	0.09	469	16
19	1.1	1.4	0.35e	0.36	0.65e	12	1.6	2.7	1.2	0.09	1140	12
20	1.4	1.3	0.36e	0.37	0.60e	17	1.7	2.4	1.4	0.06	1330	14
21	1.3	1.2	0.38e	0.33	0.60e	20	1.8	2.3	1.5	0.45	1170	15
22	1.6	1.1	0.43e	0.32	0.50e	19	2.2	2.0	41	0.24	256	57
23	1.8	1.1	0.43e	0.31	0.41e	13	2.2	2.3	7.9	0.08	146	57
24	1.6	1.0	0.39e	0.29	0.40e	3.7	4.0	7.7	2.0	0.04	91	45
25	1.8	1.1	0.39e	0.31	0.36e	2.3	4.4	3.2	1.3	0.04	56	53
26	1.8	1.1e	0.39e	0.33	0.42e	1.9	4.7	2.5	1.1	0.02	39	46
27	1.8	1.1e	0.44e	0.35	0.54e	2.8	6.9	2.9	1.3	0.01	27	39
28	2.0	0.94e	0.43e	0.37	0.86e	3.1	6.7	3.4	1.2	0.04	18	30
29	1.6	0.89e	0.43e	0.45	---	3.8	11	2.9	1.0	0.05	13	18
30	1.6	0.88e	0.44	0.33	---	18	8.8	2.9	0.88	0.08	8.8	11
31	1.6	---	0.42	0.31	---	7.6	---	3.5	---	0.11	5.7	---
TOTAL	46.9	42.81	12.88	10.92	14.28	246.89	65.23	134.1	384.18	8.23	5084.86	650.07
MEAN	1.5	1.4	0.42	0.35	0.51	8.0	2.2	4.3	12.8	0.26	164.2	21.7
MAX	2.0	2.1	0.68	0.45	0.86	20	11	8.2	200	0.73	1330	57
MIN	1.1	0.88	0.28	0.29	0.35	0.89	0.28	2.0	0.88	0.01	0.17	0.20
AC-FT	93	85	26	22	28	490	129	266	762	16	10090	1289
CAL YEAR 2005	TOTAL		7984	MEAN	21.9	MAX	1050	MIN	0.28	AC-FT	15840	
WTR YEAR 2006	TOTAL		6701	MEAN	18.4	MAX	1330	MIN	0.010	AC-FT	13290	

e indicates estimated discharge.

BIG BLUE RIVER at Beatrice, 06881500

LOCATION.--SW1/4NW1/4 Sec. 3-3-6 E., Gage County, Lat. 40° 15' 22", Long. 96° 44' 47", at the left upstream side of U.S. Highway 77 bridge, which is 6th street in Beatrice.

DRAINAGE AREA.--3,900 square miles, approximately 3,830 square miles contributes to surface runoff.

GAGE.--Continuous stage recorder. Gage datum is 1,219.90 feet above mean sea level.

PERIOD OF RECORD.--1910 - 1915, (Month discharge only for some periods, published in WSP 1310), 1954, 1960 - 1965, 1967 - 1969, 1971 - 1974 (discharge measurements only), 1974 - present. Gage height records collected 1905 - 1910, 1916 - 1974, are in reports of U.S. Weather Bureau.

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994. Records are good, except estimated records are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 55,100 cubic feet per second June 14, 1984, gage height 31.27 feet; minimum daily discharge 20 cubic feet per second August 15, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 5,060 cubic feet per second August 20, gage height 11.62 feet; minimum daily discharge 22 cubic feet per second August 1.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	85	95	110e	121e	140	113	439	308	474	83	22	199
2	80	91	108e	125e	140	119	439	269	224	64	24	190
3	79	87	107e	130	139	120	402	286	181	56	24	166
4	75	88	107e	121	134	121	338	240	675	43	25	151
5	96	92	98e	123	131	114	283	219	605	39	23	145
6	91	90	97e	124	128	116	308	228	980	33	110	140
7	87	86	95e	124	124	112	346	205	1010	30	119	135
8	87	90	91e	125	120e	129	273	182	518	28	278	134
9	84	92	92e	119	121e	120	226	191	313	25	376	142
10	86	93	93e	118	119e	116	198	190	217	91	232	222
11	85	87	101e	116	119e	116	191	170	228	245	203	278
12	91	88	105e	116	120e	119	171	162	467	106	465	329
13	91	94	105e	122	133e	121	155	165	348	84	390	250
14	95	93	105e	123	130e	119	149	156	183	103	275	219
15	94	113	103e	115	124e	115	165	144	135	67	196	170
16	91	110	102e	125	117e	113	163	144	121	60	166	148
17	84	110	98e	121	109e	114	176	139	126	39	723	124e
18	90	102	95e	119	99e	117	151	131	119	28	582	172e
19	98	105	92e	120	101e	123e	142	128	147	24	3190	1590
20	128	108	94e	119	105e	134e	139	129	116	24	4860	1270
21	101	107	97e	124	114e	139e	134	124	123	68	4150	632
22	115	104	95e	119	121e	140e	133	119	125	88	2610	765
23	114	105	103e	122	147e	144e	124	112	372	93	1440	622
24	128	111	104e	120	138e	148e	153	133	348	77	966	678
25	131	106	111e	119	135	148e	164	218	191	87	683	561
26	117	102	110e	116	133	156	141	155	162	80	738	422
27	104	107e	115e	114	126	161	136	268	167	72	552	324
28	99	111e	119e	131	121	164	171	256	143	53	398	266
29	93	110e	117e	132	---	155	241	193	120	28	289	213
30	91	109e	121e	138	---	177	424	828	98	23	237	168
31	96	---	121e	140	---	400	---	502	---	23	218	---
TOTAL	2986	2986	3211	3801	3488	4303	6675	6694	9036	1964	24564	10825
MEAN	96.3	99.6	103.5	122.6	124.6	138.8	222.5	216.0	301.1	63.4	792.2	361.0
MAX	131	113	121	140	147	400	439	828	1010	245	4860	1590
MIN	75	86	91	114	99	112	124	112	98	23	22	124
AC-FT	5923	5923	6369	7539	6918	8535	13240	13280	17920	3896	48720	21470
CAL YEAR 2005	TOTAL		120520	MEAN	330.2	MAX	9040	MIN	39.0	AC-FT	239000	
WTR YEAR 2006	TOTAL		80533	MEAN	220.6	MAX	4860	MIN	22.0	AC-FT	159700	

e indicates estimated discharge.

LITTLE BLUE RIVER BASIN

BIG SANDY CREEK at Alexandria, 06883940

LOCATION.--SE1/4SE1/4 Sec. 11-3-1 W., Thayer County, Lat. 40° 14' 06", Long. 97° 23' 20", on right bank downstream from State Highway 53 bridge, 0.8 mile south of Alexandria.

DRAINAGE AREA.--607 square miles.

GAGE.--Continuous stage recorder. Gage datum is 1,390.55 feet above mean sea level.

PERIOD OF RECORD.--1979 - present

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1993. Records are good, except estimated records are fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 21,900 cubic feet per second June 13, 1984, gage height 16.71 ft; minimum daily discharge 2.4 cubic feet per second September 11-12, 1996.

EXTREMES FOR CURRENT YEAR.--Peak discharge 3,170 cubic feet per second August 19, gage height 9.93 feet; minimum daily discharge 3.3 cubic feet per second estimated September 7 & 8.

DISCHARGE (CFS), WATER YEAR 2006

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13	14	16	13	15	16	16	19	102	15	18	5.2
2	13	14	16	14	15	16	17	19	95	15	20	5.4
3	13	14	16	14	15	17	16	21	32	15	19	4.6
4	14	14	16	13	15	16	16	20	23	15	19	4.3
5	15	15	16	14	15	16	15	20	21	15	18	4.0
6	16	14	16e	15	15	16	15	20	19	15	18	3.6
7	16	14	16e	16	15	16	16	20	19	14	19	3.3
8	16	14	16e	16	15	17	14	20	17	15	18	3.3
9	15	14	16e	15	15	16	15	21	16	15	17	3.6
10	15	14	15	16	15	16	14	32	15	17	17	267
11	16	15	14	16	15	16	14	32	53	16	17	1800
12	15	14	14	15	15	17	15	23	60	16	20	409
13	14	14	14	15	15	16	15	21	27	16	19	144
14	14	15	14	16	15	16	15	20	22	92	18	81
15	14	16	14	15	16	16	16	20	19	84	19	52
16	14	15	14	16	16e	16	15	20	19	44	21	37
17	13	16	14	16	17e	16	16	20	20	30	753	235
18	14	15	14	16	17e	16	16	20	18	24	460	176
19	16	15	14	16	16	17	16	20	18	19	1930	85
20	17	15	14	16	16	17	16	20	18	18	1010	44
21	15	15	14	15	16	16	16	20	18	55	507	37
22	16	15	14	16	16	16	16	19	40	116	237	542
23	16	15	13	16	16	16	17	19	21	69	119	392
24	15	16	13	16	16	16	17	20	18	46	63	158
25	14	16	13	15	17	16	18	19	17	33	40	88
26	14	15	13	15	16	16	18	20	17	27	39	56
27	13	16	14	15	16	16	18	19	16	22	27	37
28	13	17	13	16	16	16	21	18	16	18	16	26
29	13	16	14	15	---	16	20	18	15	17	9.8	21
30	13	16	13	15	---	15	19	19	15	17	7.6	17
31	13	---	14	15	---	15	---	18	---	17	6.1	---
TOTAL	448	448	447	472	437	499	488	637	826	947	5521.5	4741.3
MEAN	14.5	14.9	14.3	15.2	15.6	16.1	16.3	20.5	27.5	30.5	177.8	158.2
MAX	17	17	16	16	17	17	21	32	102	116	1930	1800
MIN	13	14	13	13	15	15	14	18	15	14	6.1	3.3
AC-FT	889	889	887	936	867	990	968	1263	1638	1878	10950	9404
CAL YEAR 2005	TOTAL		14522	MEAN	39.8	MAX	2300	MIN	8.4	AC-FT	28800	
WTR YEAR 2006	TOTAL		15912	MEAN	43.6	MAX	1930	MIN	3.3	AC-FT	31560	

e indicates estimated discharge.