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1995

HYDROGRAPHIC REPORT

STATE OF NEBRASKA

DEPARTMENT OF WATER RESOURCES



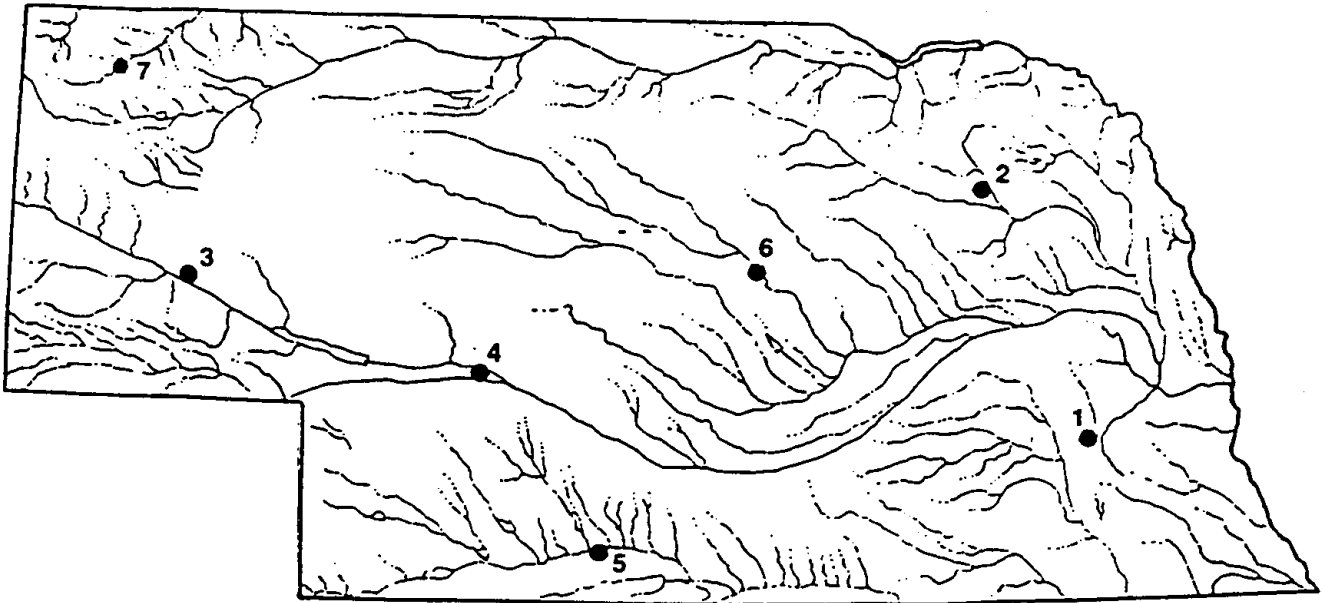
STATE OF NEBRASKA

DEPARTMENT OF WATER RESOURCES

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

1995

**Prepared Under the Direction of Michael Jess, Director
Department of Water Resources**



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HYDROGRAPHIC REPORT

1995

INTRODUCTION and EXPLANATION OF DATA

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

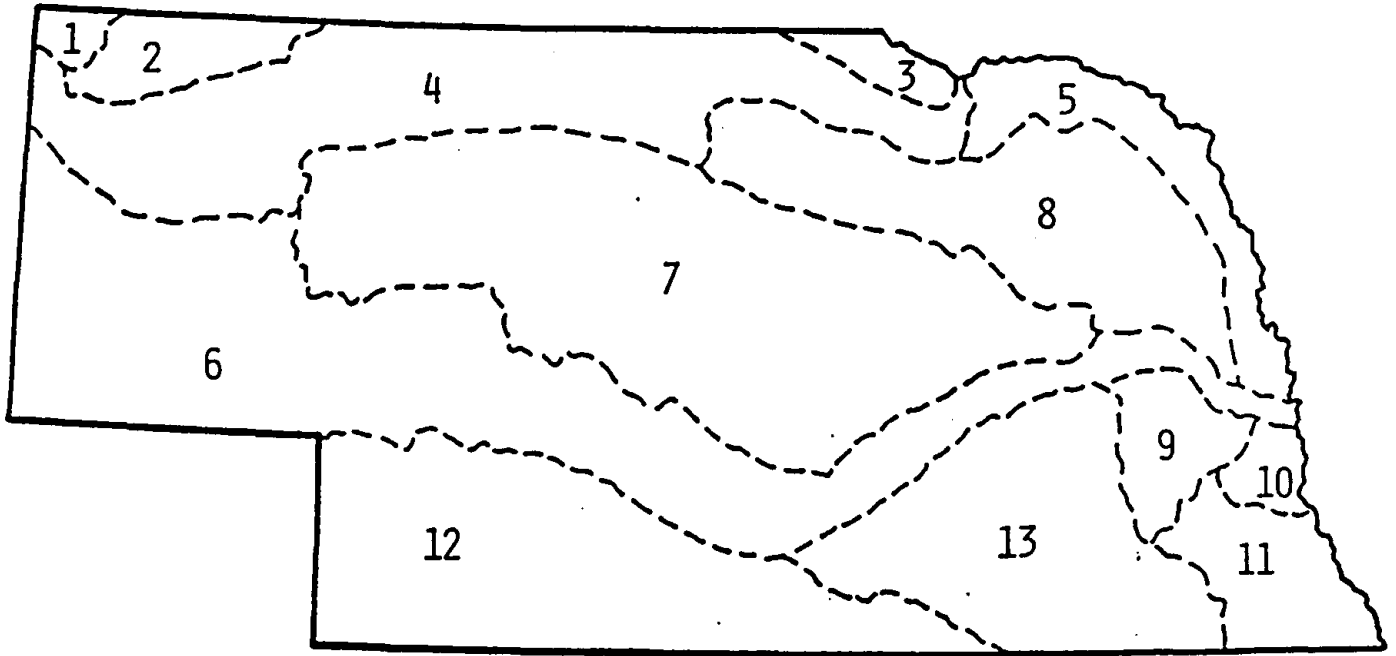
The Hydrographic Report for calendar year 1995 provides a record of stream flow, reservoir storage, and diversions for irrigation and power in Nebraska according to statutory authority granted under Statutes 46-212, 46-227, and 46-234. Stations are listed in order from upstream to downstream (downstream 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

Copies of the Hydrographic Report can be obtained by contacting the Nebraska Department of Water Resources, PO Box 94676, Lincoln, Nebraska 68509-4676 or by E-mail lindeman@nrcdec.nrc.state.ne.us. Questions or comments can be directed to Guy H. Lindeman at this address or call (402) 471-2363. The Water Resources Data for Nebraska, published by the U. S. Geological Survey, includes stream and river data for gaging stations operated by the U. S. Geological Survey or its cooperators, including the Department of Water Resources. Copies can be obtained by contacting the District Chief, U. S. Geological Survey, Room 406, Federal Building and U. S. Courthouse, Lincoln, Nebraska 68508.

Records from this and previous years publications are also provided to the Nebraska Natural Resources Commission's computerized Data Bank. This information can be obtained by contacting the Data Bank Administrator, Nebraska Natural Resources Commission, PO Box 94876, Lincoln, Nebraska 68509-4876. For E-mail requests, use bansal@nrcdec.nrc.state.ne.us. A stream gage station list is available on the Internet at the Natural Resources Commission home page address www.nrc.state.ne.us.



Data in each section of this report is listed in the following basin order:

1. Hat Creek
2. White River
3. Ponca Creek
4. Niobrara River
5. Missouri River Tributaries (Niobrara to Platte)
6. Platte River
7. Loup River
8. Elkhorn River
9. Salt Creek
10. Missouri River Tributaries (Platte to Nemaha)
11. Nemaha Rivers
12. Republican River
13. Blue Rivers



1995

HYDROGRAPHIC REPORT

WHITE RIVER BASIN

WHITE RIVER at Crawford, 06444000 - 1995

LOCATION.--SE1/4NW1/4 Sec. 3-31-52 W., Dawes County, Lat. 42° 41' 33", Long. 103° 25' 03", 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.
E indicates estimated daily discharge. Records good except for estimated records, which 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 125 cubic feet per second June 4, gage height 3.78 feet; minimum daily discharge 9.7 cubic feet per second September 6.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21E	23	19E	19	27	25	23E	17	12	17	21	20
2	19E	31	18E	19	24	24	23E	15	12	16	19	20
3	18	28	18E	19	23	25	22E	14	11	16	25	20
4	18	25	19E	18	23	61	22E	15	11	17	26	20
5	20	22	18E	18	22	41	21E	16	11	32	21	19
6	18E	22	19E	18	23	32	21	16	9.7	24	21	18E
7	18E	19E	18E	18	23	29	20	14	9.9	19	20	18E
8	20E	19E	19E	19	34	36	19	13	12	18	19	19E
9	21E	20E	20E	22	34	44	18	13	12	18	20	19E
10	20E	19E	22	21	29	42	18	13	12	17	21	20E
11	21E	18E	21	23	25	34	17	13	12	17	19	20E
12	21E	18E	21	24	25	31	17	13	13	17	20	21E
13	22	19E	21	27	32	29	17	13	12	17	19	21E
14	22	19E	20	25	28	29	20	12	11	17	19	22E
15	22	20E	20	24	25	28	20	13	11	17	19	21E
16	21	21E	20	25	24	26	20	12	11	17	18	21
17	18E	21E	20	24	23	25	18	11	12	17	19	21
18	20E	24	21	24	22	26	18	11	12	17	19	20
19	20E	23	21	23	22	26	18	11	15	17	19E	19E
20	20E	22	21	22	32	25	18	12	18	18	18E	20E
21	20E	22	21	23	30	25	17	12	19	18	18	20E
22	20E	22	21	22	25	25	19	11	18	19	19	19E
23	21E	21	20	21	31	28	20	13	18	22	19	18E
24	21E	21	19	21	29	26	18	12	17	21	19	18E
25	22E	20	19	21	28	26	19	11	16	21	19	20E
26	21	21	19	26	30	25	16	12	16	21	19	20E
27	21	21	19	22	29	24	15	12	16	20	20	19E
28	21	20E	19	23	33	26	15	12	15	19	19	20E
29	20	-----	20	27	29	27	14	13	15	19	20	20E
30	20	-----	19	25	27	25	13	12	17	19	21	20E
31	21	-----	19	-----	26	-----	16	12	-----	20	-----	19E
TOTAL	628	601	611	663	837	895	572	399	406.6	584	595	612
MEAN	20.3	21.5	19.7	22.1	27.0	29.8	18.5	12.9	13.6	18.8	19.8	19.7
MAX	22	31	22	27	34	61	23	17	19	32	26	22
MIN	18	18	18	18	22	24	13	11	9.7	16	18	18
AC-FT	1,250	1,190	1,210	1,320	1,660	1,780	1,130	791	806	1,160	1,180	1,210
YEAR 1995	TOTAL	7,403.6	MEAN	20.3	MAX	61	MIN	9.7	AC-FT	14,690		

WHITE RIVER BASIN

WHITNEY RESERVOIR from White River, 00410000 - 1995

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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1												
2												
3	6,410		9,000									
4												6,790
5												
6												
7												
8												
9												
10												
11							10,500					
12												
13												
14								7,470				
15												
16		8,320										
17												
18												
19												
20			9,710			10,500						
21												
22												
23												
24							8,530					
25												
26												
27												
28												
29		-----										
30		-----										
31		-----		-----		-----			-----		-----	

NIOBRARA RIVER BASIN

NIOBRARA RIVER at Wyoming-Nebraska State Line, 06454000 - 1995

LOCATION.--SE1/4SW1/4 Sec. 15-31-60 W., Niobrara County, Wyoming, Lat. 42° 39' 33", Long. 104° 03' 54", on left bank 0.2 mile downstream from Van Tassel Creek, 0.3 mile upstream from Wyoming-Nebraska State Line, and 3 miles east of Van Tassel, WY.

DRAINAGE AREA.--Approximately 450 square miles.

GAGE.--Continuous stage recorder. Gage datum is 4,687.70 feet National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1955 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994.
E indicates estimated daily discharge. Records good except for estimated records, which 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 46 cubic feet per second June 4, gage height 2.97 feet, minimum daily discharge 1.0 cubic feet per second September 2 & 6.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.3	3.3	3.2	4.0	4.1	11	4.8	2.8	1.2	4.4	2.3	2.6
2	2.2	3.1	3.2	3.4	3.6	11	3.8	1.9	1.0	4.2	2.3	2.6
3	2.1	3.2	3.3	2.7	3.6	12	4.9	1.6	1.1	4.1	2.1	2.6
4	2.0	3.2	3.3	2.8	3.5	25	8.4	1.8	1.1	5.3	2.1	2.7
5	2.0	2.9	3.2	2.8	3.2	17	7.3	1.8	1.1	8.3	2.0	2.8E
6	2.0E	2.9	3.2	2.8	4.8	8.7	5.7	1.7	1.0	5.6	2.0	2.7E
7	2.1E	2.9	3.1	2.6	5.7	5.0	5.1	1.6	1.2	4.8	2.0	2.4E
8	2.1E	3.0	3.2	2.7	11	5.5	4.6	1.5	1.4	4.5	2.0	2.4E
9	2.1E	3.1	3.3	2.9	13	9.0	4.5	1.4	1.5	4.4	2.2	2.3E
10	2.1E	3.1	3.4	2.8	9.5	9.0	4.2	1.5	1.4	4.3	2.3	2.2
11	2.2E	3.1E	3.5	2.8	7.5	6.3	3.9	1.4	1.7	4.3	2.6	2.3
12	2.2E	2.7E	3.8	3.2	7.3	5.2	3.1	1.4	1.7	4.3	4.1	2.4
13	2.2E	2.8	3.7	3.3	8.3	5.2	2.7	1.3	1.4	4.0	3.4	2.8
14	2.2E	2.3E	3.3	3.0	7.6	5.0	2.7	1.3	1.4	4.0	2.8	2.8
15	2.2E	2.2E	3.2	2.7	6.9	5.5	2.8	1.4	1.3	6.4	2.8	2.6
16	2.3E	2.4	3.2	3.2	6.4	6.7	2.2	1.2	1.3	4.4	2.8	2.5
17	2.3	2.5	3.3	3.1	6.0	6.2	2.1	1.2	1.3	2.6	2.8	2.5
18	2.3	2.7	3.3	3.0	5.7	6.4	2.2	1.2	1.5	2.5	2.9	2.5
19	2.5	2.7	3.4	2.8	5.6	6.1	2.2	1.2	2.7	2.3	3.0	2.3
20	2.5	2.8	3.5	2.9	8.6	6.0	1.9	1.2	4.3	2.3	3.0	2.2
21	2.5	2.8	3.5	3.0	8.9	6.1	1.6	1.3	3.7	2.5	2.8	2.3
22	2.5	3.0	3.6	2.9	9.3	8.0	2.7	1.3	3.7	2.6	2.8	2.4
23	2.5	3.0	3.4	2.9	11	8.7	2.2	1.2	3.9	14	2.8	2.3
24	2.4	3.1	3.4	2.9	10	8.4	2.0	1.2	3.6	2.3	2.9	2.4
25	2.5	3.3	3.4	3.2	11	7.5	2.0	1.2	3.5	2.1	3.0	2.4
26	2.6	3.5	3.6	3.7	11	7.0	1.9	1.2	3.9	2.4	3.2	2.3
27	2.6	3.4	3.7	3.4	12	6.7	1.6	1.2	3.8	2.3	3.2	2.1
28	2.5	3.3	3.9	3.6	11	7.8	1.5	1.1	3.4	2.1	3.0	2.1
29	2.6	-----	4.1	3.7	12	7.0	1.5	1.2	3.7	2.1	3.0	2.1
30	2.9	-----	4.2	4.0	11	5.8	1.5	1.1	6.7	2.3	2.7	2.2
31	3.0	-----	3.9	-----	11	-----	2.6	1.1	-----	2.4	-----	2.2
TOTAL	72.5	82.3	107.3	92.8	250.1	244.8	100.2	43.5	70.5	124.1	80.9	75.0
MEAN	2.34	2.94	3.46	3.09	8.07	8.16	3.23	1.40	2.35	4.00	2.70	2.42
MAX	3.0	3.5	4.2	4.0	13	25	8.4	2.8	6.7	14	4.1	2.8
MIN	2.0	2.2	3.1	2.6	3.2	5.0	1.5	1.1	1.0	2.1	2.0	2.1
AC-FT	144	163	213	184	496	486	199	86	140	246	160	149
YEAR 1995	TOTAL	1,344.0	MEAN	3.68	MAX	25	MIN	1.0	AC-FT	2,670		

NIOBRARA RIVER BASIN

JOHNSON CANAL from Niobrara River, 00072000 - 1995

LOCATION.--NE1/4NW1/4 Sec. 1-31-57 W. near Harrison

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

PERIOD OF RECORD.--1956 - present

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	5.8E	2.1	0	0	0		
2					0	6.1E	1.6	0	0	0		
3					.83	6.4E	.84	0	0	0		
4					2.8	6.6E	.93	0	0	0		
5					2.7	6.8E	1.0	0	0	0		
6					3.1	7.1E	1.3	0	0	0		
7					4.2	7.6	1.2	0	0	0		
8					6.4	7.3	.86	0	0	0		
9					7.3	7.5	.92	0	0	0		
10					7.1	7.7	.95	0	0	0		
11					6.9	7.7	.92	0	0	0		
12					6.0	7.4	.82	0	0	0		
13					5.7	7.1	.65	0	0	0		
14					6.1	6.2	.60	0	0	0		
15					5.8	5.7E	.59	0	0	0		
16					5.2	5.2E	.51	0	0	0		
17					4.9	4.7E	.41	0	0	0		
18					4.3	4.2E	.33	0	0	0		
19					4.1	3.7E	.36	0	0	0		
20					4.8	3.2E	.26	0	0	0		
21					5.4	2.7	.12	0	0	0		
22					5.2	2.6	0	0	0	0		
23					5.4	2.5	0	0	0	0		
24					5.9	2.6	0	0	0	0		
25					5.9	2.7	0	0	0	0		
26					5.6	2.4	0	0	0	0		
27					5.8	2.1	0	0	0	0		
28					5.9	2.1	0	0	0	0		
29		-----			5.4	2.1	0	0	0	0		
30		-----			5.8	2.2	0	0	0	0		
31		-----		-----	5.6	-----	0	0	-----	0	-----	
TOTAL					150.13	148.0	17.27	0	0	0		
MEAN					4.84	4.93	.56	0	0	0		
MAX					7.3	7.7	2.1	0	0	0		
MIN					0	2.1	0	0	0	0		
AC-FT					298	294	34	0	0	0		
YEAR 1995	MAX	7.7	MIN	0	AC-FT	626						

NIOBRARA RIVER BASIN

LAKOTAH CANAL from Niobrara River, 00079000 - 1995

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

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					1.5E	6.4E	2.5	1.5	.92	7.0		
2					3.0E	6.5E	2.4	1.5	1.0	6.4		
3					3.2E	7.0E	2.2	1.4	1.1	0		
4					3.4	7.5E	2.1	1.4	1.2	0		
5					3.2	8.0E	2.0	1.4	1.2	0		
6					3.9	8.5E	2.5	1.4	1.2	0		
7					4.5	9.1	2.5	1.3	1.2	0		
8					6.6	8.2	2.3	1.1	1.2	0		
9					7.9	7.9	2.1	.98	1.5	0		
10					6.6	8.5	1.9	.93	1.5	0		
11					5.7	8.8	1.7	.91	1.7	0		
12					5.1	8.2	1.7	.90	1.9	0		
13					5.2	7.0	1.7	.96	2.1	0		
14					5.3	6.1	1.6	.96	1.9	0		
15					5.2	5.5E	1.7	.92	1.9	0		
16					4.7	5.0E	1.7	.78	1.7	0		
17					4.4	4.5E	1.8	.73	1.6	0		
18					4.3	4.0E	1.9	.76	1.7	0		
19					4.5	3.8E	2.1	.73	1.8	0		
20					5.9	3.6E	1.9	.69	1.9	0		
21					5.8	3.4	1.8	1.1	2.2	0		
22					5.5	3.3	1.6	1.2	2.9	0		
23					5.9	3.3	1.7	1.2	3.6	0		
24					6.3	3.2	1.7	1.2	3.6	0		
25					6.8	3.2	1.7	1.1	3.3	0		
26					6.5	2.9	1.6	1.1	3.0	0		
27					6.8	2.6	1.7	1.2	2.9	0		
28					7.9	2.5	1.6	1.2	2.8	0		
29					7.0	2.5	1.5	1.2	2.9	0		
30		-----			6.5	2.5	1.4	1.1	3.8	0		
31		-----		-----	6.3	-----	1.4	.99	-----	0	-----	
TOTAL					165.4	163.5	58.0	33.84	61.22	13.4		
MEAN					5.34	5.45	1.87	1.09	2.04	.43		
MAX					7.9	9.1	2.5	1.5	3.8	7.0		
MIN					1.5	2.5	1.4	.69	.92	0		
AC-FT					328	324	115	67	121	27		
YEAR 1995	MAX	9.1	MIN	0	AC-FT	983						

NIOBRARA RIVER BASIN

EARNEST CANAL (SOUTH) from Niobrara River, 00038100 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	4.4E	2.9	0	2.0	4.3		
2					0	4.1E	2.9	0	2.0	4.2		
3					0	3.9E	2.8	0	2.0	4.1		
4					0	3.6E	2.8	0	2.0	4.2		
5					2.0E	3.4E	2.7	0	1.9	4.1E		
6					4.0E	3.1E	2.8	0	1.7	4.0E		
7					4.0E	2.9	2.8	0	1.7	3.0E		
8					4.2E	2.8	2.7	0	2.3	0		
9					4.3E	2.9	2.7	1.1	2.6	0		
10					4.4E	3.0	2.5	2.0	2.8	0		
11					4.4	3.1	2.3	2.6	3.0	0		
12					4.3	3.0	2.5	3.3	3.0	0		
13					4.1	2.9	2.6	3.4	3.0	0		
14					4.2	2.9	2.5	3.4	2.9	0		
15					4.3	2.9	2.6	3.6	3.0	0		
16					4.1	2.9E	2.7	3.6	3.0	0		
17					4.0	2.9E	2.3	2.7	3.0	0		
18					3.9	3.0E	2.1	3.9	3.1	0		
19					3.9	3.0E	2.1	3.4	3.8	0		
20					3.9	3.0E	2.3	3.1	4.5	0		
21					4.1	3.0	2.1	2.9	4.6	0		
22					4.3	3.0	1.8	2.7	4.4	0		
23					4.5	3.0	1.8	2.5	4.2	0		
24					4.6	3.0	1.8	3.0	3.9	0		
25					4.7	3.0	1.5	2.8	3.7	0		
26					4.9	3.0	1.5	2.7	3.7	0		
27					5.0	3.1	1.3	2.8	3.6	0		
28					5.0	3.0	1.5	3.0	3.6	0		
29		-----			4.8	2.9	1.1	2.8	3.6	0		
30		-----			4.7	3.0	0	2.5	4.2	0		
31		-----	-----	-----	4.6	-----	0	2.2	-----	0	-----	
TOTAL					115.2	93.7	66.0	66.0	92.8	27.9		
MEAN					3.72	3.12	2.13	2.13	3.09	.90		
MAX					5.0	4.4	2.9	3.9	4.6	4.3		
MIN					0	2.8	0	0	1.7	0		
AC-FT					228	186	131	131	184	55		
YEAR 1995	MAX	5.0	MIN	0	AC-FT	916						

NIOBRARA RIVER BASIN

EARNEST CANAL (NORTH) from Niobrara River, 00038200 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	2.1	0	0		
2					0	0	0	2.8	0	0		
3					0	0	0	2.9	0	0		
4					0	0	0	2.6	0	0		
5					0	0	0	1.4	0	0		
6					0	0	0	1.5	0	0		
7					2.5E	0	0	1.6	0	0		
8					3.0E	0	0	1.6	0	0		
9					3.5E	0	0	1.7	0	0		
10					3.9E	0	0	2.2	0	0		
11					4.4	0	0	1.4	0	0		
12					4.3	0	0	0	0	0		
13					4.1	0	0	0	0	0		
14					4.1	0	0	0	0	0		
15					4.3	0	0	0	0	0		
16					4.0	0	0	0	0	0		
17					3.9	0	0	0	0	0		
18					3.9	0	0	0	0	0		
19					3.7	0	0	0	0	0		
20					3.9	0	0	0	0	0		
21					4.1	0	0	0	0	0		
22					4.3	0	0	0	0	0		
23					3.3	0	0	0	0	0		
24					2.3	0	0	0	0	0		
25					2.4	0	0	0	0	0		
26					2.3	0	0	0	0	0		
27					1.3	0	0	0	0	0		
28					0	0	0	0	0	0		
29		-----			0	0	.63	0	0	0		
30		-----			0	0	1.4	0	0	0		
31		-----		-----	0	-----	1.6	0	-----	0	-----	
TOTAL					73.5	0	3.63	21.8	0	0		
MEAN					2.37	0	.12	.70	0	0		
MAX					4.4	0	1.6	2.9	0	0		
MIN					0	0	0	0	0	0		
AC-FT					146	0	7.2	43	0	0		
YEAR 1995	MAX	4.4	MIN	0	AC-FT	196						

NIOBRARA RIVER BASIN

McGINLEY-STOVER CANAL from Niobrara River, 00084000 - 1995

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

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0 E	0	0	0	0	0		
2					4.5 E	0	0	0	0	0		
3					5.4 E	0	0	0	0	0		
4					5.7 E	0	0	0	0	0		
5					5.6 E	0	0	0	0	0		
6					5.4 E	0	0	0	0	0		
7					5.6 E	0	0	0	0	0		
8					5.7 E	0	0	0	0	0		
9					5.8 E	0	0	0	0	0		
10					5.6 E	0	0	0	0	0		
11					5.7	0	0	0	0	0		
12					.10	0	0	0	0	0		
13					0	0	0	0	0	0		
14					0	0	0	0	0	0		
15					0	0	0	0	0	0		
16					0	0	0	0	0	0		
17					0	0	0	0	0	0		
18					0	0	0	0	0	0		
19					0	0	0	0	0	0		
20					0	0	0	0	0	0		
21					0	0	0	0	0	0		
22					0	0	0	0	0	0		
23					0	0	0	0	0	0		
24					0	0	0	0	0	0		
25					0	0	0	0	0	0		
26					0	0	0	0	0	0		
27					0	0	0	0	0	0		
28					0	0	0	0	0	0		
29		-----			0	0	0	0	0	0		
30		-----			0	0	0	0	0	0		
31		-----		-----	0	-----	0	0	-----	0	-----	
TOTAL					55.10	0	0	0	0	0		
MEAN					1.78	0	0	0	0	0		
MAX					5.8	0	0	0	0	0		
MIN					0	0	0	0	0	0		
AC-FT					109	0	0	0	0	0		
YEAR 1995	MAX	5.8	MIN	0	AC-FT	109						

NIOBRARA RIVER BASIN

COOK CANAL NO. 1 from Niobrara River, 00029000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

No water diverted in 1995

NIOBRARA RIVER BASIN

HARRIS-NEECE CANAL from Niobrara River, 00062000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	13E	4.6	6.1	6.4			
2					0	13E	9.3	7.5	6.4			
3					0	10E	9.2	7.5	6.1			
4					0	0	9.2	7.4	1.5			
5					0	0	10	7.4	0			
6					0	0	11	8.0	0			
7					0	0	11	7.4	0			
8					0	0	10	7.0	0			
9					0	0	10	6.6	0			
10					0	0	10	6.9	0			
11					0	0	9.6	7.0	0			
12					6.4	0	9.2	6.7	0			
13					13	0	9.1	6.2	0			
14					3.3	0	9.6	5.6	0			
15					0	0	9.6	6.2	0			
16					9.7	0	9.3	5.7	5.8			
17					13	0	8.6	5.9	6.8			
18					12	0	8.6	6.6	7.0			
19					12	0	8.5	6.9	8.1			
20					13	0	8.5	6.0	9.7			
21					13	0	8.3	6.1	11			
22					13	0	8.4	6.2	3.0			
23					13	0	8.5	6.3	0			
24					13	0	8.6	6.3	0			
25					13	0	8.8	6.4	0			
26					13	0	7.0	6.6	0			
27					13	0	0	7.0	0			
28					13	0	0	7.3	0			
29		-----			14	0	0	7.0	0			
30		-----			14	0	0	6.6	0			
31		-----		-----	14	-----	0	6.3	-----		-----	
TOTAL					228.4	36	234.5	206.7	71.8			
MEAN					7.37	1.20	7.56	6.67	2.39			
MAX					14	13	11	8.0	11			
MIN					0	0	0	5.6	0			
AC-FT					453	71	465	410	142			
YEAR 1995	MAX	14	MIN	0	AC-FT	1,540						

NIOBRARA RIVER BASIN

LABELLE CANAL from Niobrara River, 00078000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--E indicates estimated discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	2.5 E	.32	.28	.35	0		
2					0	2.3 E	.32	.21	.33	0		
3					0	2.1 E	.30	.19	.28	0		
4					0	1.8 E	.26	.20	.24	0		
5					0	1.6 E	.28	.23	.33	0		
6					0	1.3 E	.27	.25	.37	0		
7					.25E	1.1	.31	.19	.42	0		
8					.28E	1.1	.30	.17	.46	0		
9					.31E	1.1	.30	.18	.46	0		
10					.34E	.85	.30	.19	.48	0		
11					.41	.76	.33	.25	.46	0		
12					.41	.63	.31	.24	.49	0		
13					.47	.63	.33	.24	.47	0		
14					.41	.63	.34	.24	.44	0		
15					.43	.64	.40	.23	.41	0		
16					.48	.59E	.38	.24	.39	0		
17					.43	.54E	.49	.21	.28	0		
18					.34	.48E	.43	.21	.29	0		
19					.30	.43E	.41	.23	.32	0		
20					.40	.38E	.43	.28	.28	0		
21					.39	.32E	.44	.29	.28	0		
22					.40	.27	.45	.28	.33	0		
23					.49	.27	.45	.32	.49	0		
24					.48	.25	.43	.31	.52	0		
25					.40	.26	.44	.29	.52	0		
26					.45	.28	.47	.29	.38	0		
27					.58	.30	.46	.31	0	0		
28					.62	.30	.54	.33	0	0		
29					.61	.30	.48	.36	0	0		
30		-----			1.4	.29	.40	.35	0	0		
31		-----		-----	2.8	-----	.34	.35	-----	0	-----	
TOTAL					13.88	24.30	11.71	7.94	10.07	0		
MEAN					.45	.81	.38	.26	.34	0		
MAX					2.8	2.5	.54	.36	.52	0		
MIN					0	.25	.26	.17	0	0		
AC-FT					28	48	23	16	20	0		
YEAR 1995	MAX	2.8	MIN	0	AC-FT	135						

NIOBRARA RIVER BASIN

METTLEN CANAL from Niobrara River. 00089000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--E indicates estimate daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	2.0E	5.6	5.1	0	1.1		
2					0	2.4E	5.7	5.0	0	1.0		
3					0	2.6E	4.0	3.5	0	1.1		
4					0	2.8E	3.4	3.8	0	1.3		
5					0	3.0E	2.9	4.2	0	1.8		
6					0	3.4E	1.2	4.4	0	.04		
7					1.5 E	3.6	0	3.5	0	0		
8					2.0 E	4.4	0	2.7	0	0		
9					2.0 E	5.8	0	2.6	0	0		
10					2.0 E	4.7	0	4.4	0	0		
11					2.6	4.7	0	5.1	0	0		
12					3.0	4.2	0	5.0	0	0		
13					3.2	4.5	0	2.6	0	0		
14					2.9	4.9	0	0	0	0		
15					1.5	4.6E	0	0	0	0		
16					2.4	3.4E	0	0	1.6	0		
17					3.1	2.5E	0	0	1.8	0		
18					1.8	1.5E	0	0	1.1	0		
19					.61	0 E	0	0	2.5	0		
20					1.5	0 E	0	0	2.5	0		
21					1.5	0	0	0	2.9	0		
22					.82	0	0	0	3.2E	0		
23					1.3	0	1.7	0	3.4E	0		
24					1.9	0	4.5	0	3.6E	0		
25					1.4	2.6	3.9	0	3.8E	0		
26					1.7	5.5	4.8	0	4.0	0		
27					3.0	5.6	4.1	0	4.0	0		
28					4.4	5.6	5.2	0	4.0	0		
29		-----			3.3	5.6	5.4	0	2.6	0		
30		-----			2.8	5.7	5.3	0	1.1	0		
31		-----		-----	2.0	-----	5.3	0	-----	0	-----	
TOTAL					54.23	95.6	63.0	51.9	42.1	6.34		
MEAN					1.75	3.19	2.03	1.67	1.40	.20		
MAX					4.4	5.8	5.7	5.1	4.0	1.8		
MIN					0	0	0	0	0	0		
AC-FT					108	190	125	103	84	13		
YEAR 1995	MAX	5.8	MIN	0	AC-FT	621						

NIOBRARA RIVER BASIN

BENNETT-KAY CANAL from Niobrara River, 00013000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1958 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

No water diverted in 1995.

NIOBRARA RIVER BASIN

MOORE - KAY CANAL from Niobrara River, 00104000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	3.2	0	0		
2					0	0	0	3.2	0	0		
3					0	0	0	2.9	0	0		
4					0	0	0	2.7	0	0		
5					0	0	0	2.7	0	0		
6					0	0	1.5E	2.6	0	0		
7					0	.50	3.5E	2.6	0	0		
8					0	0	3.5E	2.6	0	0		
9					0	.16	3.5E	2.5	0	0		
10					0	.33	3.5E	2.5	0	0		
11					0	.26	3.5E	2.5	0	0		
12					0	.09	3.5	2.4	0	0		
13					0	.14	3.5	2.3	0	0		
14					0	.03	1.7	2.5	0	0		
15					0	0	0	2.6	0	0		
16					0	0	0	2.7	0	0		
17					0	0	0	2.7	0	0		
18					0	0	0	2.7	0	0		
19					0	0	0	2.7	0	0		
20					0	0	0	2.7	0	0		
21					0	0	0	2.8	0	0		
22					0	0	0	2.6	0	0		
23					0	0	0	1.7	0	0		
24					0	0	0	0	0	0		
25					0	0	0	0	0	0		
26					0	0	1.3	0	0	0		
27					0	0	2.3	0	0	0		
28					0	0	2.4	0	0	0		
29		-----			0	0	2.4	0	0	0		
30		-----			0	0	2.6	0	0	0		
31		-----		-----	0	-----	3.0	0	-----	0	-----	
TOTAL					0	1.51	41.7	60.4	0	0		
MEAN					0	.050	1.35	1.95	0	0		
MAX					0	.50	3.5	3.2	0	0		
MIN					0	0	0	0	0	0		
AC-FT					0	3.0	83	120	0	0		
YEAR 1995	MAX	3.5	MIN	0	AC-FT	206						

NIOBRARA RIVER BASIN

GEO. HITSHEW CANAL from Niobrara river, 00063000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

No water diverted in 1995.

NIOBRARA RIVER BASIN

McLAUGHLIN CANAL from Niobrara River, 00086000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	0	.22	0		
2					0	0	0	0	0	0		
3					0	0	0	0	0	0		
4					0	0	0	0	0	0		
5					0	0	0	0	0	0		
6					0	0	0	0	0	0		
7					0	0	0	0	0	0		
8					0	0	0	0	0	0		
9					0	0	0	0	0	0		
10					0	0	0	0	0	0		
11					0	0	0	0	0	0		
12					0	0	0	0	0	0		
13					0	0	0	0	0	0		
14					0	0	0	0	0	0		
15					0	0	0	0	0	0		
16					0	0	0	0	0	0		
17					0	0	0	0	0	0		
18					0	0	0	0	0	0		
19					0	0	0	0	0	0		
20					0	0	0	2.0E	0	0		
21					0	0	0	2.3E	0	0		
22					0	0	0	2.5E	0	0		
23					0	0	0	2.7E	0	0		
24					0	0	0	2.9	0	0		
25					0	0	0	4.0	0	0		
26					0	0	0	3.6	0	0		
27					0	0	0	3.8	0	0		
28					0	0	0	3.5	0	0		
29		-----			0	0	0	1.7	0	0		
30		-----			0	0	0	2.7	0	0		
31		-----		-----	0	-----	0	1.2	-----	0	-----	
TOTAL					0	0	0	32.9	0.22	0		
MEAN					0	0	0	1.06	.007	0		
MAX					0	0	0	4.0	.22	0		
MIN					0	0	0	0	0	0		
AC-FT					0	0	0	65	.4	0		
YEAR 1995	MAX	4.0	MIN	0	AC-FT	66						

NIOBRARA RIVER BASIN

EXCELSIOR CANAL from Niobrara River, 00046000 - 1995

LOCATION.--SE1/4NW1/4 Sec. 10-28-52 W. near Marsland

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	2.4	3.6	0	4.1		
2					0	0	2.3	3.6	0	4.5		
3					0	0	2.3	2.2	0	4.7		
4					0	0	2.2	0	0	4.8		
5					0	0	2.0	0	0	5.1		
6					0	0	2.2	0	0	5.4		
7					0	0	4.8	0	0	5.6		
8					0	0	4.6	0	0	5.5		
9					0	0	4.6	0	2.0	5.5		
10					0	0	4.4	0	6.8	5.5		
11					0	0	3.7	0	6.4	5.5		
12					0	0	3.5	0	5.8	5.5		
13					0	0	3.4	0	5.4	5.4		
14					0	0	3.2	0	4.9	5.2		
15					0	0	4.2	0	4.4	3.1		
16					0	0	4.5	0	3.6	0		
17					0	0	4.4	0	3.4E	0		
18					0	2.0E	4.2	0	3.2E	0		
19					0	2.4E	4.3	0	3.0E	0		
20					0	2.8E	4.6	0	2.8E	0		
21					0	3.2E	4.5	0	2.6E	0		
22					0	3.8	4.6	0	2.4	0		
23					0	4.0	4.6	0	2.4	0		
24					0	3.7	4.5	0	2.6	0		
25					0	3.5	4.4	0	3.1	0		
26					0	3.2	3.9	0	3.2	0		
27					0	3.0	3.4	0	3.3	0		
28					0	2.6	3.0	0	3.5	0		
29		-----			0	2.6	2.9	0	3.7	0		
30		-----			0	2.4	2.7	0	3.9	0		
31		-----		-----	0	-----	3.2	0	-----	0	-----	
TOTAL					0	39.2	113.5	9.4	82.4	75.4		
MEAN					0	1.31	3.66	.30	2.75	2.43		
MAX					0	4.0	4.8	3.6	6.8	5.6		
MIN					0	0	2.0	0	0	0		
AC-FT					0	78	225	19	163	150		
YEAR 1995	MAX	6.8	MIN	0	AC-FT	635						

NIOBRARA RIVER BASIN

HUGHES CANAL from Niobrara River, 00069000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

No water diverted in 1995.												

NIOBRARA RIVER BASIN

PIONEER CANAL from Niobrara River, 00123000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	0	0			
2					0	0	0	0	0			
3					0	0	0	0	0			
4					0	0	0	0	0			
5					0	0	0	0	0			
6					0	0	0	0	0			
7					0	0	0	0	0			
8					0	0	0	0	0			
9					0	0	0	0	0			
10					0	0	0	0	0			
11					0	0	0	0	0			
12					0	0	0	0	0			
13					0	0	0	0	0			
14					0	0	0	0	0			
15					0	0	.43	0	0			
16					0	0	2.6	0	0			
17					0	0	2.6	0	0			
18					0	0	2.6	0	0			
19					0	0	2.8	0	0			
20					0	0	2.9	0	0			
21					0	0	2.5	0	0			
22					0	0	2.2	0	0			
23					0	0	1.8	0	0			
24					0	0	1.5	0	0			
25					0	0	1.3	0	0			
26					0	0	1.1	0	0			
27					0	0	.80	0	0			
28					0	0	.74	0	0			
29		-----			0	0	.21	0	0			
30		-----			0	0	0	0	0			
31		-----		-----	0	-----	0	0	-----		-----	
TOTAL					0	0	26.08	0	0			
MEAN					0	0	.84	0	0			
MAX					0	0	2.9	0	0			
MIN					0	0	0	0	0			
AC-FT					0	0	52	0	0			
YEAR 1995	MAX	2.9	MIN	0	AC-FT	52						

NIOBRARA RIVER BASIN

NIOBRARA RIVER above Box Butte Reservoir, 06454500 - 1995

LOCATION.--NE1/4 Sec. 27-29-50 W., Dawes County, Lat. 42° 27' 35", Long. 103° 10' 15", 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.
E indicates estimated daily discharge. Records good except estimated records 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 70 cubic feet per second November 3, gage height 3.94 feet; minimum daily discharge 9.4 cubic feet per second July 16.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	20E	25	37	32	33	47	30	12	11	19	28	26
2	29E	33	37	31	32	44	31	13	11	18	30	24
3	30E	33	36	32	31	44	29	13	12	19	41	25
4	29E	35	39	30	31	49	28	15	12	20	24	26
5	28E	39	39	30	30	52	26	16	12	26	26	25
6	26E	39	35	29	29	46	25	14	12	27	27	24
7	24E	39	38	28	29	44	23	13	12	26	27	24E
8	23	37	33	29	37	47	20	13	12	26	30	20E
9	24	35	37	31	41	56	21	12	13	26	31	24E
10	25	37	38	28	45	55	20	13	14	27	31	24E
11	24	30E	42	32	43	45	19	13	13	28	30	22
12	25	34E	39	33	40	45	19	13	14	27	30	21
13	26	35E	39	37	43	44	17	13	14	26	30	24
14	27	29E	39	40	43	44	16	13	14	26	31	26
15	27E	29E	39	42	41	44	20	13	13	27	30	27
16	26E	32E	39	43	40	44	14	13	13	27	31	29
17	25E	35	38	44	38	42	18	13	13	28	31	28
18	25E	36	39	45	37	40	18	13	14	27	30	27
19	25E	36	38	45	36	39	17	13	16	26	31	25
20	24	38	36	44	43	37	16	12	18	25	30	23
21	22E	38	36	43	45	34	17	11	17	25	29	21
22	22E	39	36	40	44	31	17	11	18	25	28	20E
23	22E	40	35	40	46	33	17	17	18	26	28	22E
24	22E	41	35	37	45	35	17	13	18	26	28	22E
25	22E	48	34	36	45	33	17	12	18	27	28	23
26	22	45	35	37	46	32	17	12	17	28	27	22E
27	21	42	33	36	56	31	15	12	20	28	27	22E
28	23	41	33	36	65	32	13	12	19	28	24	22E
29	23	-----	33	35	55	30	17	13	19	28	22	21E
30	22	-----	32	34	51	30	14	13	19	28	26	22E
31	23	-----	32	-----	50	-----	13	13	-----	27	-----	21
TOTAL	756	1,020	1,131	1,079	1,290	1,229	601	402	446	797	866	732
MEAN	24.4	36.4	36.5	36.0	41.6	41.0	19.4	13.0	14.9	25.7	28.9	23.6
MAX	30	48	42	45	65	56	31	17	20	28	41	29
MIN	20	25	32	28	29	30	13	11	11	18	22	20
AC-FT	1,500	2,020	2,240	2,140	2,560	2,440	1,190	797	885	1,580	1,720	1,450
YEAR 1995	TOTAL	10,349	MEAN	28.4	MAX	65	MIN	11	AC-FT	20,530		

NIOBRARA RIVER BASIN

BOX BUTTE RESERVOIR from Niobrara River, 06455000 - 1995

LOCATION.--SW1/4NE1/4 Sec. 28-29-49 W. near Dunlap

GAGE.--Reference point

PERIOD OF RECORD.--1946 - present

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1									8,080			
2												
3								14,600				
4												
5												
6							21,700					
7									6,960			
8												
9						20,800						
10		13,000	14,600					13,300				
11					18,300							
12												
13												
14												
15												
16												
17												
18												
19					15,800	18,900						
20							18,800					
21											10,300	
22		13,600	15,500			21,500			6,620			
23	11,000											
24					17,200			9,650				
25												
26					19,600	21,600						
27												
28												
29		-----				21,700						
30		-----										
31		-----		-----		-----			-----		-----	

NIOBRARA RIVER BASIN

NIOBRARA RIVER below Box Butte Reservoir, 06455500 - 1995

LOCATION.--SE1/4 Sec. 28-29-49 W., Dawes County, Lat. 42° 27' 25", Long. 103° 04' 05", 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. E indicates estimated daily discharge. Records good, except discharges below 2.0 cfs are fair.

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 189 cubic feet per second July 27, gage height 4.40 feet; minimum daily discharge 0.81 cubic feet per second on December 3.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	.87	.93	.98	.98	1.1	1.3	1.3	131	100	.93	.90	.83
2	.88	.92	.98	.98	1.1	1.3	1.3	131	88	.93	.89	.83
3	.87	.93	.98	.98	1.1	1.4	1.3	143	87	.93	.87	.81
4	.87	.93	.98	.99	1.1	1.5	1.2	146	104	.93	.87	.82
5	.87	.93	.98	1.0	1.1	1.5	1.2	128	122	1.1	.87	.81
6	.90	.93	.98	1.0	1.1	1.5	1.2	105	113	1.1	.90	.84
7	.90	.93	.98	1.0	1.1	1.4	1.2	100	108	1.0	.90	.84
8	.90	.93	1.0	1.1	1.3	1.6	1.2	101	98	1.0	.90	.84
9	.90	.93	1.0	1.1	1.2	1.8	1.2	99	90	.95	.90	.84
10	.95	.91	1.0	1.1	1.1	1.5	89	110	81	.93	.90	.84
11	.95	.92E	1.0	1.1	1.2	1.5	88	118	74	.93	.90	.84
12	.95	1.0	1.1	1.1	1.3	1.4	118	118	79	.92	.90	.86
13	.96	.97	1.1	1.1	1.4	1.5	148	119	79	.89	.90	.85
14	.98	.95	1.1	1.1	1.2	1.4	146	119	78	.87	.87	.84
15	.98	.95	1.1	1.1	1.2	1.4	144	113	51	.87	.87	.84
16	.97	.95	1.1	1.1	1.2	1.3	129	111	1.1	.87	.87	.84
17	.96	.95	1.1	1.1	1.2	1.3	105	112	1.0	.87	.87	.84
18	.97	.96	1.1	1.1	1.2	1.3	98	114	1.0	.88	.87	.84
19	.95	.97	1.1	1.1	1.2	1.3	103	116	1.0	.86	.87	.85
20	.95	.95	1.1	1.1	1.4	1.3	98	115	1.1	.87	.87	.87
21	.97	.95	1.1	1.1	1.4	1.3	102	117	1.0	.87	.87	.88
22	.98	.97	.99	1.1	1.3	1.3	108	126	1.0	.88	.87	.90
23	1.0	.98	.97	1.1	1.3	1.3	109	132	1.0	.90	.87	.93
24	1.0	.98	.98	1.1	1.3	1.3	115	130	.98	.90	.87	.93
25	1.0	.98	.98	1.1	1.3	1.3	130	119	.96	.92	.87	.92
26	1.0	.98	.98	1.1	1.4	1.3	143	106	.93	.92	.87	.90
27	.99	.98	.98	1.1	1.3	1.3	157	108	.93	.90	.87	.90
28	.96	.98	.98	1.1	1.4	1.3	166	111	.93	.90	.86	.90
29	.95	-----	.98	1.1	1.4	1.3	172	117	.93	.87	.84	.90
30	.95	-----	1.0	1.0	1.4	1.3	175	116	.94	.87	.83	.90
31	.95	-----	.99	-----	1.3	-----	159	114	-----	.89	-----	.90
TOTAL	29.28	26.64	31.69	32.13	38.6	41.5	2,813.1	3,645	1,366.80	28.45	26.31	26.73
MEAN	.94	.95	1.02	1.07	1.25	1.38	90.7	118	45.6	.92	.88	.86
MAX	1.0	1.0	1.1	1.1	1.4	1.8	175	146	122	1.1	.90	.93
MIN	.87	.91	.97	.98	1.1	1.3	1.2	99	.93	.86	.83	.81
AC-FT	58	53	63	64	77	82	5,580	7,230	2,710	56	52	53
YEAR 1995	TOTAL	8,106.23	MEAN	22.2	MAX	175	MIN	.81	AC-FT	16,080		

NIORARA RIVER BASIN

MONTAGUE CANAL from Niobrara River, 00102000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

No water diverted in 1995.

NIOBRARA RIVER BASIN

LICHTE CANAL from Niobrara River, 00081000 - 1995

LOCATION.--NE1/4SW1/4 Sec. 26-29-48 W. near Dunlap

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

PERIOD OF RECORD.--1956 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	0	0	0		
2					0	0	0	0	0	0		
3					0	0	0	0	0	0		
4					0	0	0	0	0	0		
5					0	0	0	0	0	0		
6					0	0	0	0	0	0		
7					0	0	0	1.1	0	0		
8					0	0	0	1.6	0	0		
9					0	0	0	1.7	0	0		
10					0	0	0	1.7	0	0		
11					0	0	0	.20	0	0		
12					0	0	0	0	0	0		
13					0	0	0	0	0	0		
14					0	0	0	0	0	0		
15					0	0	0	0	0	0		
16					0	0	0	0	0	0		
17					0	0	0	0	0	0		
18					0	0	0	0	0	0		
19					0	0	0	0	0	0		
20					0	0	0	0	0	0		
21					0	0	0	0	0	0		
22					0	0	0	0	0	0		
23					0	0	0	0	0	0		
24					0	0	0	0	0	0		
25					0	0	0	.49	0	0		
26					0	0	.39	0	0	0		
27					0	0	1.9	0	0	0		
28					0	0	1.9	0	0	0		
29		-----			0	0	2.0	0	0	0		
30		-----			0	0	.11	0	0	0		
31		-----		-----	0	-----	0	0	-----	0	-----	
TOTAL					0	0	6.30	6.79	0	0		
MEAN					0	0	.20	.22	0	0		
MAX					0	0	2.0	1.7	0	0		
MIN					0	0	0	0	0	0		
AC-FT					0	0	12	13	0	0		
YEAR 1995	MAX	2.0	MIN	0	AC-FT	26						

NIOBRARA RIVER BASIN

MIRAGE FLATS CANAL from Niobrara River, 00100000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	122	111			
2					0	0	0	124	87			
3					0	0	0	123	64			
4					0	0	0	136	89			
5					0	0	0	129	132			
6					0	0	0	106	128			
7					0	0	0	94	121			
8					0	0	0	100	117			
9					0	0	0	108	109			
10					0	0	45	108	99			
11					0	0	92	122	78			
12					0	0	106	123	80			
13					0	0	156	131	84			
14					0	0	163	133	87			
15					0	0	164	124	90			
16					0	0	162	118	29			
17					0	0	134	117	0			
18					0	0	108	118	0			
19					0	0	119	116	0			
20					0	0	105	116	0			
21					0	0	114	114	0			
22					0	0	125	126	0			
23					0	0	134	134	0			
24					0	0	144	136	0			
25					0	0	156	129	0			
26					0	0	163	101	0			
27					0	0	167	104	0			
28					0	0	176	109	0			
29		-----			0	0	157	118	0			
30		-----			0	0	166	116	0			
31		-----		-----	0	-----	165	116	-----		-----	
TOTAL					0	0	3,021	3,671	1,505			
MEAN					0	0	97.5	118	50.2			
MAX					0	0	176	136	132			
MIN					0	0	0	94	0			
AC-FT					0	0	5,990	7,280	2,990			
YEAR 1995	MAX	176	MIN	0	AC-FT	16,260						

NIOBRARA RIVER BASIN

POTMESIL CANAL from Niobrara River, 00124000 - 1995

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

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	5.2	4.9	0		
2					0	0	3.0	4.7	4.0	0		
3					0	0	5.6	5.3	5.7	0		
4					0	0	5.6	5.7	5.1	0		
5					0	0	5.6	5.0	6.4	0		
6					0	0	5.8	3.3	6.1	0		
7					0	0	6.0	4.1	5.3	0		
8					0	0	6.1	3.9	5.4	0		
9					0	0	6.1	0	4.7	0		
10					0	0	5.7	3.9	4.6	0		
11					0	0	4.7	4.8	2.9	0		
12					0	0	4.3	4.2	4.0	0		
13					0	0	5.1	2.0	3.8	0		
14					0	0	5.3	2.1	4.3	0		
15					0	0	2.9	4.4	4.3	0		
16					0	0	0	5.2	2.1	0		
17					0	0	0	5.1	0	0		
18					0	0	0	5.0	0	0		
19					0	0	0	4.9	0	0		
20					0	3.0E	.79	5.0	0	0		
21					0	6.0E	3.9	5.0	0	0		
22					0	6.4	4.2	5.2	0	0		
23					0	6.7	3.3	3.9	0	0		
24					0	7.0	0	0	0	0		
25					0	2.5	1.3	0	0	0		
26					0	0	5.1	3.0	0	0		
27					0	0	5.3	4.4	0	0		
28					0	0	5.3	4.7	0	0		
29		-----			0	4.0	5.2	5.1	0	0		
30		-----			0	4.5	5.5	5.1	0	0		
31		-----		-----	0	-----	5.7	5.1	-----	0	-----	
TOTAL					0	40.1	117.39	125.3	73.6	0		
MEAN					0	1.34	3.79	4.04	2.45	0		
MAX					0	7.0	6.1	5.7	6.4	0		
MIN					0	0	0	0	0	0		
AC-FT					0	80	233	249	146	0		
YEAR 1995	MAX	7.0	MIN	0	AC-FT	707						

NIOBRARA RIVER BASIN

SNAKE RIVER at Doughboy, 06459175 - 1995

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, approximately 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 3,097.92 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.
 E indicates estimated daily discharge. Estimated daily discharges January 1-7, February 11-15, March 1,2,5-8, December 8-12. Records good except for periods of estimated record, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 367 cubic feet per second June 10, 1991, gage height 3.88 feet, present datum; 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 257 cubic feet per second May 29, gage height 2.99 feet. Minimum daily discharge 110 cubic feet per second estimated January 4.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	130E	162	148E	178	182	180	153	174	154	170	169	174
2	120E	170	144E	190	185	169	155	170	155	164	168	177
3	115E	177	153	192	190	165	158	162	156	164	164	174
4	110E	175	158	183	188	168	157	160	155	165	169	175
5	120E	170	150E	176	189	165	155	166	154	178	172	174
6	138E	168	144E	171	187	165	153	163	151	174	175	172
7	135E	163	140E	169	189	171	153	162	149	177	171	172
8	149	156	150E	165	190	189	154	159	149	171	172	150E
9	150	155	159	168	190	197	154	155	152	170	175	135E
10	152	154	168	167	193	214	155	154	155	169	169	140E
11	156	135E	173	164	193	229	157	158	159	171	167	150E
12	160	140E	173	163	188	227	156	154	156	170	170	160E
13	161	138E	168	181	197	210	155	155	154	165	170	175
14	161	140E	163	215	204	193	154	153	152	161	167	179
15	162	145E	161	207	235	184	163	154	153	164	169	178
16	162	149	160	195	215	177	168	157	152	164	170	176
17	156	154	163	190	189	167	165	156	156	162	167	170
18	148	165	170	183	179	164	173	153	156	168	169	168
19	150	163	168	178	173	163	167	152	156	165	168	168
20	157	165	166	190	171	162	167	153	160	163	166	169
21	154	168	168	213	175	161	171	156	165	167	163	166
22	152	167	165	227	179	175	170	158	162	167	162	162
23	150	163	161	206	175	171	170	163	163	165	164	162
24	147	160	160	187	169	162	166	157	162	171	169	162
25	148	162	164	182	171	157	163	157	160	178	171	164
26	153	164	165	173	180	155	163	161	166	178	171	166
27	157	159	156	169	213	154	161	161	165	175	168	165
28	155	153	159	169	232	152	162	156	165	175	162	165
29	155	-----	159	168	246	153	160	155	165	174	167	166
30	156	-----	159	173	234	153	158	155	172	170	173	167
31	157	-----	165	-----	207	-----	175	153	-----	169	-----	168
TOTAL	4,576	4,440	4,960	5,492	6,008	5,252	4,991	4,902	4,729	5,244	5,057	5,149
MEAN	148	159	160	183	194	175	161	158	158	169	169	166
MAX	162	177	173	227	246	229	175	174	172	178	175	179
MIN	110	135	140	163	169	152	153	152	149	161	162	135
AC-FT	9,080	8,810	9,840	10,890	11,920	10,420	9,900	9,720	9,380	10,400	10,030	10,210
YEAR 1995	TOTAL	60,800	MEAN	167	MAX	246	MIN	110	AC-FT	120,600		

NIOBRARA RIVER BASIN

MERRITT RESERVOIR from Snake River, 06459300 - 1995

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

GAGE.--Reference point

PERIOD OF RECORD.--1965 - present

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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	68,830	69,110	68,830	70,230	75,080	76,550	74,490	56,730	40,220	42,010	58,670	68,830
2	68,830	69,110	68,560	70,230	75,080	76,550	74,490	56,250	39,390	42,380	59,170	68,830
3	68,560	69,110	68,560	70,500	74,780	76,250	74,490	55,770	39,350	43,300	59,660	68,830
4	68,560	69,110	68,830	70,500	74,780	76,250	74,490	55,070	39,000	43,680	60,160	68,830
5	68,560	69,110	68,830	70,780	75,080	76,250	74,490	54,380	38,830	44,450	60,660	68,830
6	68,560	69,110	68,830	71,060	75,080	75,670	74,490	54,610	38,320	45,030	61,170	68,830
7	68,560	69,110	68,830	71,060	75,080	75,670	74,490	54,840	37,650	45,420	61,680	68,830
8	68,830	69,110	68,830	71,060	75,080	75,370	74,490	55,070	37,000	46,010	62,190	68,830
9	68,830	69,110	68,830	71,340	75,670	75,370	73,910	54,840	36,670	46,610	62,710	68,830
10	68,830	69,110	68,830	71,340	75,670	75,670	73,630	54,140	36,340	47,210	63,220	68,560
11	68,830	68,830	69,110	71,620	75,370	75,960	73,340	53,450	36,030	47,620	63,740	68,560
12	69,110	68,830	69,110	71,910	75,370	75,960	72,480	52,560	35,870	48,250	64,270	68,830
13	69,110	68,560	69,110	71,910	75,370	76,250	71,910	51,890	35,710	48,660	64,800	68,830
14	69,390	68,560	68,830	72,190	75,670	76,250	71,060	51,010	35,710	49,070	65,330	68,830
15	69,390	68,560	68,830	72,480	75,670	75,960	70,230	50,140	35,870	49,280	65,850	69,110
16	69,670	68,560	68,830	72,480	75,670	75,960	69,670	49,280	36,030	49,710	66,390	69,110
17	69,390	68,830	68,830	72,770	75,370	75,670	68,830	48,450	36,190	50,140	66,930	69,110
18	69,390	68,830	68,830	73,340	75,370	75,370	68,020	47,620	36,340	50,790	67,470	69,110
19	69,390	69,110	68,830	73,630	74,780	75,080	67,200	46,810	36,840	51,220	68,020	69,110
20	69,390	69,110	68,830	73,910	74,780	74,780	66,390	46,010	37,330	51,660	68,560	69,110
21	69,390	69,110	68,830	74,200	74,780	74,780	65,850	45,620	37,820	52,110	68,560	69,110
22	69,390	69,110	69,110	74,490	74,780	74,780	65,060	45,220	38,320	52,780	68,830	69,390
23	69,110	69,110	69,390	74,780	75,370	74,780	64,270	45,030	38,660	53,450	68,830	69,110
24	69,110	68,830	68,830	75,080	75,370	74,780	63,480	44,830	39,180	54,140	68,830	69,110
25	69,110	68,830	69,110	75,080	75,370	74,490	62,710	44,450	39,690	54,610	68,830	69,110
26	69,110	68,830	69,110	75,080	75,370	74,490	61,940	44,070	40,220	55,070	68,830	69,110
27	69,110	68,830	69,390	74,780	75,670	74,490	60,910	43,490	40,570	55,770	68,830	68,830
28	68,830	68,830	69,950	74,780	75,960	74,490	59,910	42,930	40,930	56,250	68,830	68,830
29	68,830	-----	69,950	74,780	76,250	74,490	58,920	42,380	41,280	56,730	68,830	68,830
30	68,830	-----	69,950	75,080	76,250	74,490	57,940	41,830	41,640	57,210	68,830	68,830
31	68,830	-----	70,230	-----	76,550	-----	57,450	40,930	-----	57,940	-----	68,830
MAX	69,670	69,110	70,230	75,080	76,550	76,550	74,490	56,730	41,640	57,940	68,830	69,390
MIN	68,560	68,560	68,560	70,230	74,780	74,490	57,450	40,930	35,710	42,010	58,670	68,560
CHANGE	0	0	1,400	4,850	1,470	-2,060	-17,040	-16,520	710	16,300	10,890	0
YEAR 1995			MEAN	64,193	MAX	76,550	MIN	35,710				

NIOBRARA RIVER BASIN

SNAKE RIVER near Burge, 06459500 - 1995

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 National Geodetic Vertical Datum of 1929 (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.
No estimated daily discharges. Record 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 486 cubic feet per second May 31, gage height 2.51 ft.
Minimum daily discharge 14 cubic feet per second October 21, 22, 24, 25, 27-30, Nov. 2-6.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	264	242	264	210	289	471	135	60	59	61	15	272
2	264	264	243	211	293	428	139	60	60	61	14	272
3	264	264	205	212	300	394	136	60	61	61	14	271
4	235	264	205	211	307	370	115	60	60	61	14	234
5	202	264	205	212	306	343	90	64	59	65	14	209
6	205	264	206	208	308	263	86	63	58	64	14	208
7	204	264	209	209	321	293	81	63	59	63	15	208
8	203	264	208	209	325	222	73	63	59	63	15	213
9	202	264	208	211	365	196	72	63	59	62	15	215
10	202	264	240	211	366	213	65	62	60	62	15	215
11	202	264	268	208	367	225	65	62	60	63	15	215
12	221	264	268	208	369	276	63	60	60	63	15	214
13	233	252	268	208	390	318	63	61	60	63	15	212
14	233	205	268	208	384	309	63	61	60	63	16	211
15	233	205	268	207	375	327	63	62	61	63	16	212
16	254	205	269	209	377	324	62	61	62	37	16	218
17	268	207	249	206	372	306	62	61	62	15	16	218
18	268	208	237	217	362	275	61	61	63	15	16	247
19	268	208	237	220	348	254	60	60	64	15	17	268
20	268	208	237	229	329	241	61	60	61	15	37	268
21	268	235	237	225	318	234	60	60	60	14	141	265
22	268	268	223	227	252	234	60	62	60	14	192	288
23	268	268	211	249	325	245	60	62	59	16	208	307
24	268	268	212	265	333	240	60	62	59	14	208	307
25	263	268	209	272	315	235	60	62	60	14	208	305
26	262	264	211	276	314	215	60	60	60	15	223	302
27	264	264	210	275	346	171	59	60	59	14	272	300
28	264	264	209	272	397	158	59	60	59	14	272	251
29	264	-----	210	274	413	158	59	58	61	14	273	202
30	251	-----	209	273	440	135	59	58	61	14	274	202
31	161	-----	209	-----	377	-----	60	59	-----	15	-----	205
TOTAL	7,494	6,943	7,112	6,832	10,683	8,073	2,271	1,890	1,805	1,193	2,595	7,534
MEAN	242	248	229	228	345	269	73.3	61.0	60.2	38.5	86.5	243
MAX	268	268	269	276	440	471	139	64	64	65	274	307
MIN	161	205	205	206	252	135	59	58	58	14	14	202
AC-FT	14,860	13,770	14,110	13,550	21,190	16,010	4,500	3,750	3,580	2,370	5,150	14,940

YEAR 1995 TOTAL 64,425 MEAN 177 MAX 471 MIN 14 AC-FT 127,800

NIOBRARA RIVER BASIN

AINSWORTH CANAL from Merritt Reservoir, 00001000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	58	431	485			
2						0	63	445	369			
3						0	73	510	371			
4						17	97	533	371			
5						123	137	198	409			
6						87	179	83	441			
7						82	233	163	457			
8						69	270	263	453			
9						60	296	400	354			
10						60	365	517	350			
11						60	413	585	315			
12						60	501	584	257			
13						60	514	587	183			
14						54	536	602	160			
15						51	529	588	132			
16						51	533	594	116			
17						51	556	605	113			
18						51	569	564	36			
19						51	573	493	0			
20						51	573	498	0			
21						51	557	473	0			
22						50	557	255	0			
23						51	557	294	0			
24						51	561	361	0			
25						50	580	411	0			
26						51	609	422	0			
27						51	626	442	0			
28						51	627	496	0			
29		-----				51	627	511	0			
30		-----				54	628	528	0			
31		-----		-----		-----	600	532	-----		-----	
TOTAL						1,549	13,597	13,968	5,372			
MEAN						51.6	439	451	179			
MAX						123	628	605	485			
MIN						0	58	83	0			
AC-FT						3,070	26,970	27,710	10,660			
YEAR 1995	MAX	628	MIN	0	AC-FT	68,400						

NIOBRARA RIVER BASIN

KEYA PAHA RIVER near Naper, 06464900 - 1995

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. Nonrecording 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.

E indicates estimated daily discharge. Estimated daily discharges: Jan. 1-Mar. 11, May 9-June 1, Nov. 28-30, Dec. 8-31. Records good, except for estimated daily discharges, which are poor. Minor diversions for irrigation above station.

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, backwater from ice jam.
No flow July 22-30, August 10, 11, 1976, August 3, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 5,770 cubic feet per second May 29, gage height 9.48 feet, from flood mark.
Minimum daily discharge 52 cubic feet per second estimated January 4.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	66E	170E	100E	313	1,720	1,500E	226	118	64	226	340	231
2	58E	160E	106E	380	1,950	799	198	134	64	184	319	269
3	54E	160E	110E	365	1,430	509	194	146	61	155	268	284
4	52E	150E	120E	331	1,410	400	255	173	60	142	234	262
5	54E	160E	130E	321	1,060	434	211	181	62	216	231	254
6	58E	150E	140E	386	879	449	178	189	71	397	260	231
7	64E	140E	130E	371	1,400	1,050	172	162	65	394	292	229
8	66E	150E	120E	335	1,890	963	158	158	64	323	319	160E
9	70E	152E	140E	316	2,100E	772	144	135	69	309	314	120E
10	72E	150E	160E	331	2,300E	931	135	120	70	367	297	160E
11	72E	150E	170E	265	2,100E	808	124	109	68	371	270	150E
12	76E	130E	190	235	1,700E	549	115	104	73	320	265	180E
13	74E	140E	215	375	1,400E	417	101	100	76	287	259	190E
14	74E	130E	157	615	1,400E	342	93	105	71	255	264	200E
15	76E	140E	164	851	1,200E	416	91	103	66	253	294	190E
16	78E	150E	152	810	1,000E	428	94	99	60	235	289	200E
17	76E	160E	146	707	800E	492	91	93	56	216	273	200E
18	78E	170E	170	848	700E	398	93	78	71	213	256	190E
19	84E	160E	191	615	600E	326	95	78	82	214	263	180E
20	82E	170E	215	969	500E	314	94	70	93	199	294	190E
21	86E	160E	205	2,060	450E	281	98	71	107	190	290	190E
22	90E	150E	184	3,190	400E	239	97	85	109	201	271	180E
23	96E	140E	164	3,010	350E	234	98	82	107	243	257	160E
24	94E	130E	148	2,570	320E	278	89	74	100	272	254	170E
25	110E	140E	190	1,930	300E	726	85	73	93	261	261	170E
26	100E	120E	379	1,260	700E	551	87	75	87	318	272	174E
27	110E	110E	364	828	2,000E	480	82	82	83	425	253	180E
28	120E	106E	256	594	3,500E	425	71	80	85	400	140E	170E
29	130E	-----	192	915	4,900E	348	67	80	82	390	130E	160E
30	150E	-----	191	1,030	3,000E	270	60	73	235	375	150E	170E
31	160E	-----	255	-----	2,000E	-----	84	66	-----	353	-----	160E
TOTAL	2,630	4,098	5,554	27,126	45,459	16,129	3,780	3,296	2,454	8,704	7,879	5,954
MEAN	84.8	146	179	904	1,466	538	122	106	81.8	281	263	192
MAX	160	170	379	3,190	4,900	1,500	255	189	235	425	340	284
MIN	52	106	100	235	300	234	60	66	56	142	130	120
AC-FT	5,220	8,130	11,020	53,800	90,170	31,990	7,500	6,540	4,870	17,260	15,630	11,810
YEAR 1995	TOTAL	133,063	MEAN	365	MAX	4,900	MIN	52	AC-FT	263,900		

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River, 00052000 - 1995

LOCATION.--SW1/4NW1/4 Sec. 10-26-65 W.

GAGE.--Continuous stage recorder and Parshall flume

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

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	688	757	1,510	1,500			
2					0	624	779	1,500	1,500			
3					0	611	894	1,510	1,500			
4					0	506	949	1,500	1,500			
5					0	435	946	1,500	1,500			
6					0	433	1,010	1,500	1,500			
7					0	481	1,060	1,500	1,500			
8					0	514	1,170	1,500	1,500			
9					0	453	1,330	1,500	1,470			
10					0	429	1,440	1,500	1,450			
11					0	431	1,480	1,500	1,430			
12					0	427	1,500	1,500	1,370			
13					0	427	1,500	1,500	1,230			
14					0	427	1,500	1,500	1,200			
15					0	429	1,510	1,500	1,200			
16					0	431	1,510	1,500	1,200			
17					0	461	1,510	1,500	1,150			
18					0	642	1,500	1,510	1,150			
19					0	656	1,500	1,500	1,070			
20					0	654	1,510	1,500	869			
21					0	649	1,510	1,500	541			
22					0	647	1,510	1,500	181			
23					0	647	1,510	1,500	0			
24					0	647	1,500	1,500	0			
25					0	647	1,500	1,500	0			
26					0	670	1,500	1,500	0			
27					0	755	1,500	1,500	0			
28					0	750	1,510	1,500	0			
29		-----			578	750	1,500	1,500	0			
30		-----			661	760	1,500	1,500	0			
31		-----		-----	688	-----	1,500	1,500	-----		-----	
TOTAL					1,927	17,081	41,895	46,530	27,511			
MEAN					62.2	569	1,351	1,501	917			
MAX					688	760	1,510	1,510	1,500			
MIN					0	427	757	1,500	0			
AC-FT					3,820	33,880	83,100	92,290	54,570			
YEAR 1995	MAX	1,510	MIN	0	AC-FT	267,700						

NORTH PLATTE RIVER BASIN

FORT LARAMIE CANAL from North Platte River @ Mile Post 85.3, 00052200 - 1995

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

GAGE.--Continuous stage recorder and Parshall flume

PERIOD OF RECORD.--1981 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	290	299	641	608			
2					0	321	297	646	610			
3					0	293	304	644	612			
4					0	283	319	648	612			
5					0	268	364	630	612			
6					0	213	402	635	619			
7					0	163	437	637	612			
8					0	182	435	630	605			
9					0	181	455	621	605			
10					0	178	527	596	599			
11					0	144	596	610	581			
12					0	148	599	608	579			
13					0	135	599	605	553			
14					0	134	619	594	514			
15					0	136	626	608	475			
16					0	131	626	605	447			
17					0	129	630	599	459			
18					0	138	635	599	459			
19					0	182	632	599	461			
20					0	314	635	603	449			
21					0	312	641	603	445			
22					0	288	628	603	359			
23					0	290	632	599	244			
24					0	302	639	601	130			
25					0	299	646	601	42			
26					0	309	646	603	24			
27					0	307	637	608	0			
28					0	330	630	605	0			
29		-----			0	312	626	603	0			
30		-----			0	295	632	599	0			
31		-----		-----	0	-----	639	599	-----		-----	
TOTAL					0	7,007	17,032	18,982	12,315			
MEAN					0	234	549	612	411			
MAX					0	330	646	648	619			
MIN					0	129	297	594	0			
AC-FT					0	13,900	33,780	37,650	24,430			
YEAR 1995	MAX	648	MIN	0	AC-FT	109,800						

NORTH PLATTE RIVER BASIN

INTERSTATE CANAL from North Platte River, 00071000 - 1995

LOCATION.--NE1/4NW1/4 Sec. 11-26-65 W., Wyo.

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1915 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	866	996	994	1,800	1,900	883		
2				0	861	948	1,010	1,800	1,900	886		
3				0	866	951	1,070	1,800	1,900	889		
4				0	866	959	1,180	1,810	1,900	769		
5				0	866	956	1,200	1,810	1,910	283		
6				0	881	946	1,300	1,850	1,910	0		
7				0	876	948	1,490	1,850	1,900	0		
8				0	893	619	1,580	1,860	1,850	0		
9				0	884	189	1,750	1,860	1,800	0		
10				0	585	34	1,850	1,900	1,800	0		
11				0	86	33	1,860	1,890	1,810	0		
12				0	1.0	33	1,910	1,880	1,760	0		
13				0	0	33	1,950	1,880	1,760	0		
14				0	0	24	1,950	1,880	1,730	0		
15				0	0	0	1,960	1,880	1,710	0		
16				0	0	0	1,910	1,880	1,660	0		
17				0	0	0	1,890	1,900	1,670	0		
18				0	0	0	1,760	1,920	1,650	0		
19				0	0	0	1,790	1,920	1,610	0		
20				0	0	0	1,780	1,920	1,510	0		
21				0	0	0	1,790	1,920	1,400	0		
22				0	0	0	1,780	1,930	1,340	0		
23				0	0	0	1,790	1,930	1,340	0		
24				0	521	0	1,790	1,940	1,280	0		
25				554	861	0	1,800	1,950	1,240	0		
26				866	876	529	1,810	1,960	1,190	0		
27				913	852	899	1,800	1,960	1,200	0		
28				908	849	882	1,810	1,970	1,170	0		
29		-----		903	898	889	1,800	1,960	875	0		
30		-----		916	979	923	1,800	1,960	858	0		
31		-----		-----	1,000	-----	1,800	1,960	-----	0	-----	
TOTAL				5,060	15,367.0	11,791	51,954	58,730	47,533	3,710		
MEAN				169	496	393	1,676	1,895	1,584	120		
MAX				916	1,000	996	1,960	1,970	1,910	889		
MIN				0	0	0	994	1,800	858	0		
AC-FT				10,040	30,480	23,390	103,100	116,500	94,280	7,360		
YEAR 1995	MAX	1,970	MIN	0	AC-FT	385,100						

NORTH PLATTE RIVER BASIN

LAKE ALICE RESERVOIR from North Platte River, 00400300 - 1995

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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	367	204	176	15	939	3,090	4,260	3,940	1,620	3,400	631	437
2	356	229	124	15	2,570	3,170	4,460	3,850	1,620	3,780	617	425
3	352	227	124	15	2,960	3,180	4,640	3,840	1,630	4,240	620	437
4	346	224	124	15	3,310	3,170	4,820	3,790	1,630	4,630	623	449
5	320	221	124	15	3,650	3,130	5,030	3,690	1,680	5,190	617	449
6	316	214	124	15	3,980	3,160	5,160	3,600	1,610	5,620	617	451
7	304	202	124	17	4,320	3,080	5,190	3,530	1,640	6,080	608	437
8	298	197	124	17	4,770	3,090	5,230	3,400	1,800	6,240	605	434
9	294	197	124	14	5,310	3,390	5,310	3,370	1,980	5,860	591	427
10	292	191	62	14	5,690	3,870	5,300	3,260	2,150	5,160	603	413
11	284	162	62	14	5,980	4,160	5,250	3,230	2,270	4,480	611	401
12	286	298	62	14	5,630	4,230	5,150	3,170	2,360	3,680	588	397
13	279	209	62	14	5,010	4,200	4,980	3,080	2,440	3,010	580	392
14	273	202	62	10	4,170	4,150	4,820	2,930	2,500	2,390	569	394
15	279	201	62	10	3,370	4,120	4,600	2,850	2,550	1,830	563	378
16	277	201	57	10	2,600	4,080	4,430	2,760	2,630	1,350	552	376
17	279	205	57	10	1,930	4,050	4,390	2,740	2,670	859	526	367
18	260	201	57	10	1,300	3,990	4,360	2,670	2,710	566	518	370
19	238	202	57	10	1,130	3,960	4,330	2,490	2,730	574	512	350
20	245	204	58	9.0	1,120	3,900	4,310	2,470	2,860	580	507	359
21	236	202	57	9.0	1,130	3,870	4,280	2,390	3,080	588	505	361
22	234	176	57	9.0	1,110	3,810	4,230	2,620	3,210	620	494	354
23	222	176	57	9.0	1,100	3,790	4,170	2,310	3,270	617	492	367
24	221	177	57	9.0	1,110	3,750	4,140	2,240	3,230	620	484	356
25	214	176	57	9.0	1,110	3,680	4,110	2,150	3,180	623	471	370
26	209	177	57	9.0	1,040	3,640	4,090	2,060	3,120	617	471	348
27	201	176	57	9.0	1,620	3,540	4,080	2,030	2,910	623	464	341
28	197	176	57	9.0	2,150	3,380	4,070	1,940	2,800	614	456	335
29	186	-----	57	9.0	2,640	3,870	4,060	1,860	2,750	617	461	320
30	193	-----	29	9.0	2,920	4,120	4,000	1,770	2,970	623	442	304
31	183	-----	15	-----	3,010	-----	3,960	1,670	-----	628	-----	298
MAX	367	298	176	17	5,980	4,230	5,310	3,940	3,270	6,240	631	451
MIN	183	162	15	9.0	939	3,080	3,960	1,670	1,610	566	442	298
YEAR 1995			MAX	6,240	MIN	9.0						

NORTH PLATTE RIVER BASIN

LITTLE LAKE ALICE RESERVOIR from North Platte River, 00405200 - 1995

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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	64	61	50	31	261	357	318	320	276	369	124	144
2	63	61	49	30	284	334	325	320	273	375	125	145
3	64	61	48	28	301	325	330	319	273	375	124	144
4	63	59	48	28	316	325	333	318	277	374	121	145
5	62	58	47	28	333	320	327	316	280	373	125	144
6	63	58	47	25	344	321	323	314	286	380	129	148
7	61	57	62	25	357	323	319	314	284	378	134	145
8	61	57	46	27	357	294	317	312	293	376	138	148
9	61	56	45	27	361	250	316	312	312	374	142	147
10	61	56	45	27	371	252	317	317	328	361	145	145
11	61	55	44	25	371	248	317	320	335	345	147	144
12	61	55	44	27	368	247	315	319	336	324	149	143
13	61	56	42	26	355	247	319	318	342	304	149	143
14	61	56	41	28	338	246	326	316	350	282	149	145
15	61	56	40	26	342	246	323	316	351	259	149	143
16	64	56	39	28	326	240	319	317	353	234	149	144
17	62	56	38	27	294	239	317	319	347	210	149	143
18	63	56	38	27	260	238	317	325	350	120	148	144
19	60	56	38	25	247	237	318	323	334	86	149	143
20	60	54	37	27	242	236	318	320	335	99	149	144
21	61	54	36	27	235	236	321	319	336	112	148	144
22	60	53	36	25	233	244	319	316	318	122	147	144
23	60	53	33	27	230	244	319	313	313	123	147	142
24	60	52	34	24	224	243	318	308	341	123	146	141
25	59	51	38	25	220	243	315	307	353	123	146	141
26	59	51	33	23	224	242	314	310	353	123	147	141
27	59	52	32	23	256	237	314	304	355	124	145	141
28	60	50	31	22	287	247	318	299	353	123	144	141
29	59	-----	31	22	316	273	317	298	354	123	145	141
30	59	-----	31	22	335	304	318	292	355	123	143	140
31	60	-----	30	-----	351	-----	320	284	-----	124	-----	140
MAX	64	61	62	31	371	357	333	325	355	380	149	148
MIN	59	50	30	22	220	236	314	284	273	86	121	140
YEAR 1995			MAX	380	MIN	22						

NORTH PLATTE RIVER BASIN

LAKE MINATARE RESERVOIR from North Platte River, 00406300 - 1995

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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	31,300	31,200	31,000	30,200	31,100	47,300	53,700	38,400	17,400	20,400	31,100	30,500
2	31,300	31,200	30,900	30,200	31,800	48,300	53,800	37,800	16,800	21,100	31,000	30,500
3	31,300	31,200	30,800	32,200	32,400	49,200	53,800	37,200	16,300	21,900	31,100	30,500
4	31,300	31,200	30,900	30,200	33,100	50,300	53,900	36,500	15,700	22,700	31,000	30,500
5	31,400	31,100	30,800	30,200	33,800	51,000	53,900	35,800	15,200	23,400	31,000	30,500
6	31,300	31,100	30,900	30,100	34,500	52,000	53,900	35,200	14,700	24,000	31,000	30,500
7	31,300	31,100	30,800	30,200	35,300	52,900	53,900	34,500	14,100	24,800	31,000	30,500
8	31,300	31,100	30,800	30,200	36,200	53,700	53,800	33,900	13,600	25,500	30,900	30,500
9	31,300	31,100	30,800	30,200	36,900	54,500	53,800	33,200	13,100	26,200	31,000	30,500
10	31,300	31,100	30,700	30,300	37,500	54,500	53,700	32,500	12,700	26,900	30,900	30,400
11	31,300	31,000	30,700	30,200	38,300	54,400	53,700	31,900	12,400	28,100	30,900	30,400
12	31,300	31,100	30,800	30,100	39,100	54,300	53,600	31,100	12,100	28,300	30,900	30,200
13	31,200	31,100	30,800	30,100	39,800	54,300	53,500	30,400	11,900	28,900	30,900	30,200
14	31,300	31,200	30,600	30,100	40,400	54,100	53,300	29,700	11,900	29,600	30,900	30,200
15	31,200	31,000	30,700	30,000	41,100	54,200	52,900	28,900	11,900	30,100	30,800	30,200
16	31,400	31,000	30,600	30,200	41,700	54,100	52,500	28,200	11,800	30,600	30,800	30,200
17	31,400	31,000	30,700	30,200	42,400	54,000	48,600	27,500	11,900	31,000	30,800	30,200
18	31,300	31,000	30,600	30,100	42,900	53,800	47,900	26,800	12,200	31,400	30,700	30,200
19	31,300	30,900	30,700	30,200	43,200	53,800	47,300	26,100	12,500	31,400	30,700	30,200
20	31,200	31,000	30,600	30,200	43,300	53,800	46,500	25,400	12,900	31,400	30,700	30,200
21	31,300	30,900	30,500	30,200	43,100	53,800	45,900	24,700	13,300	31,300	30,700	30,200
22	31,300	30,900	30,500	30,100	43,200	54,300	45,200	24,000	13,800	31,400	30,700	30,100
23	31,200	30,900	30,500	30,100	43,200	54,400	44,500	23,400	14,400	31,300	30,600	30,200
24	31,200	30,900	30,500	30,100	43,100	54,400	43,800	22,700	15,000	31,200	30,600	30,100
25	31,200	30,900	30,400	30,100	43,100	54,400	43,100	22,000	15,700	31,200	30,600	30,100
26	31,300	31,000	30,500	30,100	43,200	54,400	42,400	21,300	16,400	31,200	30,700	30,100
27	31,200	31,000	30,500	30,100	43,700	54,400	41,700	20,600	17,100	31,200	30,600	30,100
28	31,200	31,100	30,400	30,100	44,200	54,400	41,100	20,000	17,800	31,100	30,600	30,100
29	31,200	-----	30,300	30,000	44,900	54,500	40,400	19,300	18,800	31,200	30,600	30,000
30	31,200	-----	30,300	30,600	45,600	53,700	39,800	18,600	19,700	31,100	30,500	30,000
31	31,200	-----	30,300	-----	46,400	-----	39,100	18,000	-----	31,200	-----	30,000
MAX	31,400	31,200	31,000	32,200	46,400	54,500	53,900	38,400	19,700	31,400	31,100	30,500
MIN	31,200	30,900	30,300	30,000	31,100	47,300	39,100	18,000	11,800	20,400	30,500	30,000
YEAR 1995			MAX	54,500	MIN	11,800						

NORTH PLATTE RIVER BASIN

WINTERS CREEK RESERVOIR from North Platte River, 00412000 - 1995

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		

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	948	865	778	651	577	1,160	1,200	810	566	734	858	831
2	946	867	772	643	576	1,150	1,200	801	568	742	863	829
3	948	865	766	647	576	1,150	1,190	787	568	748	860	826
4	948	858	766	647	579	1,160	1,190	778	568	760	860	822
5	935	856	760	637	585	1,170	1,180	764	587	764	858	826
6	935	856	764	622	620	1,170	1,180	762	585	774	860	833
7	926	848	758	620	636	1,160	1,170	760	587	776	860	831
8	919	843	752	624	682	1,180	1,170	746	585	787	856	831
9	917	839	746	624	738	1,180	1,170	736	585	791	860	831
10	917	839	742	626	750	1,160	1,160	742	585	797	865	829
11	910	837	734	624	783	1,160	1,160	738	585	797	858	824
12	910	835	736	617	839	1,180	1,160	726	585	805	858	824
13	906	833	738	611	897	1,190	1,150	714	588	805	858	814
14	902	829	732	637	939	1,190	1,130	696	603	812	856	814
15	902	820	728	651	1,000	1,170	1,120	684	590	818	858	812
16	912	814	726	676	1,060	1,160	1,100	678	592	822	854	812
17	912	810	722	672	1,120	1,160	1,080	666	596	824	858	812
18	908	808	716	666	1,170	1,140	1,050	657	602	829	856	810
19	899	801	716	668	1,190	1,140	1,030	651	609	824	856	801
20	902	803	708	662	1,190	1,120	1,020	639	620	831	858	803
21	899	797	704	657	1,180	1,110	982	639	628	829	854	803
22	895	795	698	649	1,180	1,110	959	641	636	839	854	801
23	893	789	698	653	1,170	1,100	943	626	647	839	854	797
24	893	785	688	661	1,160	1,100	932	613	657	835	850	793
25	884	783	686	651	1,160	1,090	919	609	668	837	845	791
26	880	778	676	647	1,160	1,080	893	600	682	841	841	789
27	875	785	672	581	1,160	1,120	878	592	690	839	841	787
28	875	778	672	583	1,150	1,160	865	594	698	845	839	785
29	875	-----	670	581	1,150	1,180	837	587	712	848	831	785
30	871	-----	661	576	1,160	1,210	833	581	724	852	829	778
31	867	-----	653	-----	1,160	-----	820	572	-----	854	-----	776
MAX	948	867	778	676	1,190	1,210	1,200	810	724	854	865	833
MIN	867	778	653	576	576	1,080	820	572	566	734	829	776
YEAR 1995			MAX	1,210	MIN	566						

NORTH PLATTE RIVER BASIN

MITCHELL & GERING CANAL from North Platte River, 00101100 - 1995

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 diversion 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.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	177	180	337	318			
2					0	181	178	336	312			
3					0	181	179	338	309			
4					0	177	180	332	309			
5					0	180	180	325	313			
6					0	178	183	326	306			
7					0	179	189	326	282			
8					0	177	192	326	269			
9					0	178	193	326	265			
10					0	178	247	334	256			
11					0	178	290	338	238			
12					0	174	327	332	235			
13					0	178	346	333	224			
14					0	178	344	335	219			
15					0	176	341	336	219			
16					108	179	339	342	218			
17					73	181	342	342	218			
18					118	180	343	342	195			
19					153	177	343	342	170			
20					166	174	324	344	165			
21					178	175	315	342	164			
22					182	174	317	341	164			
23					183	175	321	348	56			
24					183	176	322	347	0			
25					183	179	324	346	0			
26					182	180	323	346	0			
27					182	180	333	344	0			
28					168	181	340	345	0			
29		-----			172	179	340	338	0			
30		-----			168	178	338	331	0			
31		-----		-----	177	-----	340	330	-----		-----	
TOTAL					2,576	5,338	8,853	10,450	5,424			
MEAN					83.1	178	286	337	181			
MAX					183	181	346	348	318			
MIN					0	174	178	325	0			
AC-FT					5,110	10,590	17,560	20,730	10,760			
YEAR 1995	MAX	348	MIN	0	AC-FT	64,740						

NORTH PLATTE RIVER BASIN

GERING CANAL from North Platte River via Mitchell and Gering Canal, 00056000 - 1995

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 furnished by United States Bureau of Reclamation. Values published before 1985 were adjusted to include carriage losses between the Mitchell & Gering flumes.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	63	114	184	168			
2					0	63	113	179	167			
3					0	63	107	182	170			
4					0	115	107	181	172			
5					0	66	106	181	178			
6					0	63	99	185	179			
7					0	71	118	177	167			
8					0	89	128	175	155			
9					0	98	135	175	153			
10					0	60	144	181	152			
11					0	71	156	185	143			
12					0	76	170	181	148			
13					0	81	163	184	149			
14					0	81	189	182	142			
15					0	80	178	181	136			
16					0	77	174	178	121			
17					0	78	174	179	129			
18					0	81	177	172	131			
19					0	78	172	177	112			
20					0	80	172	181	115			
21					0	75	174	181	99			
22					0	72	174	175	91			
23					16	76	174	172	82			
24					21	85	178	181	22			
25					43	86	175	181	0			
26					48	103	170	184	0			
27					55	95	168	185	0			
28					49	126	184	187	0			
29		-----			49	117	179	191	0			
30		-----			40	119	181	179	0			
31		-----		-----	62	-----	187	178	-----		-----	
TOTAL					383	2,488	4,840	5,594	3,281			
MEAN					12.4	82.9	156	180	109			
MAX					62	126	189	191	179			
MIN					0	60	99	172	0			
AC-FT					760	4,930	9,600	11,100	6,510			
YEAR 1995	MAX	191	MIN	0	AC-FT	32,900						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from North Platte River, 00145100 - 1995

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.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	629	552	1,230	1,180			
2					0	586	531	1,210	1,160			
3					0	537	557	1,190	1,140			
4					0	518	552	1,200	1,130			
5					0	503	550	1,200	1,100			
6					0	494	627	1,190	1,080			
7					0	482	842	1,200	1,030			
8					0	475	898	1,190	1,020			
9					0	475	1,090	1,200	998			
10					0	462	1,140	1,210	972			
11					0	467	1,190	1,210	994			
12					0	461	1,240	1,200	950			
13					0	462	1,260	1,190	890			
14					0	462	1,280	1,200	844			
15					0	470	1,280	1,200	824			
16					0	474	1,280	1,200	824			
17					0	473	1,280	1,200	827			
18					0	477	1,260	1,200	804			
19					0	472	1,260	1,200	752			
20					0	473	1,210	1,200	722			
21					0	471	1,190	1,200	689			
22					0	471	1,200	1,200	554			
23					0	479	1,220	1,200	278			
24					0	479	1,220	1,200	173			
25					0	480	1,210	1,200	0			
26					0	488	1,210	1,190	0			
27					0	529	1,220	1,190	0			
28					0	549	1,190	1,190	0			
29		-----			72	543	1,220	1,190	0			
30		-----			201	533	1,100	1,180	0			
31		-----		-----	457	-----	1,100	1,180	-----			
TOTAL					730	14,874	32,959	37,140	20,935			
MEAN					23.5	496	1,063	1,198	698			
MAX					457	629	1,280	1,230	1,180			
MIN					0	461	531	1,180	0			
AC-FT					1,450	29,500	65,370	73,670	41,520			
YEAR 1995	MAX	1,280	MIN	0	AC-FT	211,500						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Sheep Creek, 00144700 - 1995

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 for years before 1986 available from the Bureau.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	71	76			
2					0	0	0	70	77			
3					0	0	0	72	77			
4					0	0	0	79	78			
5					0	0	10	81	80			
6					0	0	52	80	79			
7					0	0	54	80	81			
8					0	0	55	79	83			
9					0	0	51	75	86			
10					0	0	51	78	87			
11					0	0	51	76	85			
12					0	0	51	77	80			
13					0	0	51	77	77			
14					0	0	52	77	78			
15					0	0	56	76	79			
16					0	0	58	78	81			
17					0	0	60	79	83			
18					0	0	61	78	86			
19					0	0	62	77	89			
20					0	0	64	76	89			
21					0	0	65	73	5.0			
22					0	0	62	69	0			
23					0	0	66	66	0			
24					0	0	65	69	0			
25					0	0	64	69	0			
26					0	0	63	69	0			
27					0	0	62	69	0			
28					0	0	63	70	0			
29		-----			0	0	66	73	0			
30		-----			0	0	67	73	0			
31		-----		-----	0	-----	70	75	-----		-----	
TOTAL					0	0	1,552	2,311	1,636.0			
MEAN					0	0	50.1	74.5	54.5			
MAX					0	0	70	81	89			
MIN					0	0	0	66	0			
AC-FT					0	0	3,080	4,580	3,250			
YEAR 1995	MAX	89	MIN	0	AC-FT	10,910						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Akers Draw, 00144500 - 1995

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	7.0	7.0	12	13			
2					0	7.0	7.0	12	12			
3					0	7.0	7.0	14	11			
4					0	7.0	7.0	12	10			
5					0	7.0	8.0	13	10			
6					0	7.0	8.0	12	11			
7					0	7.0	10	12	11			
8					0	7.0	13	12	11			
9					0	7.0	13	12	11			
10					0	7.0	12	12	11			
11					0	7.0	12	13	11			
12					0	6.0	12	12	11			
13					0	7.0	12	12	9.0			
14					0	7.0	12	12	8.0			
15					0	7.0	12	12	10			
16					0	7.0	12	12	10			
17					0	7.0	12	12	10			
18					0	7.0	12	13	10			
19					0	7.0	12	13	10			
20					0	7.0	12	14	11			
21					0	7.0	12	14	11			
22					0	7.0	12	13	10			
23					0	7.0	13	10	10			
24					0	7.0	13	11	10			
25					0	7.0	14	12	0			
26					0	7.0	11	12	0			
27					0	7.0	11	12	0			
28					0	7.0	15	12	0			
29		-----			9.0	7.0	16	13	0			
30		-----			8.0	7.0	12	12	0			
31		-----		-----	7.0	-----	12	13	-----		-----	
TOTAL					24.0	209.0	353.0	382	252.0			
MEAN					.77	6.97	11.4	12.3	8.40			
MAX					9.0	7.0	16	14	13			
MIN					0	6.0	7.0	10	0			
AC-FT					48	415	700	758	500			
YEAR 1995	MAX	16	MIN	0	AC-FT	2,420						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Dry Spottedtail Creek, 00144600 - 1995

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	12	16			
2					0	0	0	9.0	16			
3					0	0	0	14	17			
4					0	0	0	15	17			
5					0	0	0	15	17			
6					0	0	3.0	14	17			
7					0	0	8.0	14	17			
8					0	0	8.0	13	18			
9					0	0	8.0	12	18			
10					0	0	8.0	14	18			
11					0	0	9.0	15	17			
12					0	0	12	16	17			
13					0	0	12	14	17			
14					0	0	11	15	17			
15					0	0	15	14	18			
16					0	0	14	13	17			
17					0	0	14	13	17			
18					0	0	16	14	17			
19					0	0	15	15	17			
20					0	0	17	15	19			
21					0	0	17	15	19			
22					0	0	17	15	4.0			
23					0	0	17	15	4.0			
24					0	0	15	15	4.0			
25					0	0	14	15	4.0			
26					0	0	14	16	4.0			
27					0	0	16	15	4.0			
28					0	0	17	15	4.0			
29		-----			0	0	15	15	4.0			
30		-----			0	0	14	15	4.0			
31		-----	-----	-----	0	-----	13	16	-----	-----		
TOTAL					0	0	339.0	443.0	399.0			
MEAN					0	0	10.9	14.3	13.3			
MAX					0	0	17	16	19			
MIN					0	0	0	9.0	4.0			
AC-FT					0	0	672	879	791			
YEAR 1995	MAX	19	MIN	0	AC-FT	2,340						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Wet Spottedtail Creek, 00144900 - 1995

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	10	9.0	10	14			
2					0	9.0	9.0	10	14			
3					0	10	9.0	10	14			
4					0	16	9.0	11	14			
5					0	12	10	12	15			
6					0	11	10	11	18			
7					0	11	10	11	23			
8					0	15	10	12	26			
9					0	22	9.0	13	23			
10					0	14	11	12	20			
11					0	13	10	10	19			
12					0	12	10	9.0	19			
13					0	12	8.0	12	14			
14					0	13	10	9.0	12			
15					0	12	9.0	11	17			
16					0	12	7.0	11	16			
17					0	11	9.0	12	14			
18					0	12	9.0	12	14			
19					0	12	9.0	14	20			
20					0	11	12	13	41			
21					0	10	9.0	11	28			
22					0	9.0	8.0	10	25			
23					0	9.0	8.0	10	25			
24					0	8.0	10	12	26			
25					0	8.0	12	12	0			
26					0	8.0	10	13	0			
27					0	8.0	10	14	0			
28					0	65	10	13	0			
29		-----			10	10	8.0	14	0			
30		-----			9.0	9.0	8.0	12	0			
31		-----		-----	9.0	-----	10	12	-----		-----	
TOTAL					28.0	394.0	292.0	358.0	471			
MEAN					.90	13.1	9.42	11.5	15.7			
MAX					10	65	12	14	41			
MIN					0	8.0	7.0	9.0	0			
AC-FT					56	781	579	710	934			
YEAR 1995	MAX	65	MIN	0	AC-FT	3,060						

NORTH PLATTE RIVER BASIN

TRI-STATE CANAL from Tub Springs, 00144800 - 1995

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1986 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	35	31			
2					0	0	0	33	31			
3					0	0	0	34	31			
4					0	0	0	35	33			
5					0	0	0	36	33			
6					0	0	9.0	35	33			
7					0	0	18	34	34			
8					0	0	20	34	34			
9					0	0	20	33	35			
10					0	0	20	33	34			
11					0	0	22	32	33			
12					0	0	24	32	32			
13					0	0	25	33	32			
14					0	0	27	33	32			
15					0	0	27	33	32			
16					0	0	26	34	32			
17					0	0	29	35	31			
18					0	0	29	34	31			
19					0	0	29	31	32			
20					0	0	28	32	35			
21					0	0	29	29	32			
22					0	0	30	27	8.0			
23					0	0	29	25	0			
24					0	0	29	25	0			
25					0	0	28	24	0			
26					0	0	27	22	0			
27					0	0	30	21	0			
28					0	0	34	20	0			
29		-----			0	0	33	24	0			
30		-----			0	0	35	28	0			
31		-----		-----	0	-----	35	30	-----		-----	
TOTAL					0	0	692.0	946	691.0			
MEAN					0	0	22.3	30.5	23.0			
MAX					0	0	35	36	35			
MIN					0	0	0	20	0			
AC-FT					0	0	1,370	1,880	1,370			
YEAR 1995	MAX	36	MIN	0	AC-FT	4,620						

NORTH PLATTE RIVER BASIN

NORTHPORT CANAL from North Platte River and Drains via Tri-State Canal, 00115000 - 1995

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

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

PERIOD OF RECORD.--1920, 1922 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	157	269	268			
2					0	0	152	263	268			
3					0	0	154	258	266			
4					0	0	150	261	263			
5					0	0	150	262	259			
6					0	51	152	265	261			
7					0	102	218	261	263			
8					0	103	255	259	262			
9					0	110	251	263	256			
10					0	105	245	271	261			
11					0	104	249	263	268			
12					0	105	248	259	256			
13					0	109	238	265	255			
14					0	98	259	256	245			
15					0	104	256	261	234			
16					0	108	258	265	233			
17					0	100	255	258	223			
18					0	110	259	252	224			
19					0	109	256	255	194			
20					0	103	262	271	180			
21					0	103	263	266	166			
22					0	102	262	258	146			
23					0	105	261	252	141			
24					0	105	263	255	96			
25					0	101	265	261	22			
26					0	102	263	263	0			
27					0	104	266	263	0			
28					0	141	263	265	0			
29		-----			0	158	262	265	0			
30		-----			0	157	265	265	0			
31		-----		-----	0	-----	262	268	-----		-----	
TOTAL					0	2,699	7,319	8,118	5,510			
MEAN					0	90.0	236	262	184			
MAX					0	158	266	271	268			
MIN					0	0	150	252	0			
AC-FT					0	5,350	14,520	16,100	10,930			
YEAR 1995	MAX	271	MIN	0	AC-FT	46,900						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER passing Tri-State Dam, 00225000 - 1995

LOCATION.--NW1/4NE1/4 Sec. 10-23-58 W. near Henry, Scotts Bluff County, Lat. 41° 59' 05", Long. 104° 01' 59", on left bank 750 feet downstream from spill gates on irrigation diversion structure for Tri-State Canal, 1.0 mile southeast of Henry, NE on U.S. Highway 26 then .25 mile south to river.

DRAINAGE AREA.--22,222 square miles, approximately 20,290 square miles contributes to surface runoff.

GAGE.--Continuous stage recorder. Elevation of gage is about 4,010 feet above sea level from topographic map.

PERIOD OF RECORD.--1947 - 1964, 1967 - 1992, Irrigation season only, 1993 - present, all year operation.

REMARKS.--E indicates estimated discharge. Records fair except estimated records poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 5,190 cubic feet per second June 11, gage height 7.71 feet; minimum daily discharge 16 cubic feet per second July 28.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	210E	232	202E	164	175	2,600E	1,430	83	118	820	396	343
2	210E	235	204E	164	175	2,400E	1,730	34	114	726	413	333
3	210E	232	207E	165	170	2,460E	1,590	16	93	623	416	308
4	200E	230	205	165	156	2,640E	1,170	42	71	593	350	301
5	195E	230	198	165	151	3,150E	848	61	53	598	350	289
6	200E	226	199	162	157	3,350E	546	68	47E	649	316	315
7	200E	214	197	160	166	3,260E	181	78	82E	603	285	287
8	205E	217	198	154	470	3,420E	21	54	114E	601	280	290E
9	210E	218	202	151	448	4,070	122	39	68E	659	304	300E
10	206	211	203	149	342	4,780	131	79	40E	582	301	300E
11	186	190E	200	150	312	5,040	118	102	72E	556	330	305E
12	190	195E	198	156	329	4,980	89	114	61E	563	335	306
13	214	190E	194	162	350	4,680	58	71	41E	545	343	301
14	228	195E	189	109	338	4,470	65	34	21E	484	330	306
15	227	195E	187	34	329	4,200	66	74	23E	486	330	303
16	230	192	187	32	224	3,920	48	80	30E	455	348	283
17	234	185	181	31	297	4,040	134	87	45E	433	360	280E
18	220	197	183	30	239	4,220	191	89	80E	420	363	270E
19	216	199	186	108	181	4,080	180	80	140E	395	360	275
20	227	201	181	194	237	4,100	148	87	163E	408	339	274
21	229	196E	176	196	222	3,900	42	121	133	418	363	282
22	220	196E	178	195	192	3,480	42	129	144	425	357	284
23	212	196E	178	186	208	3,240	60	78	520	413	350	281
24	213	202E	178	179	241	3,010	89	73	609	411	350	283
25	214	202E	174	172	890	2,550	119	62	559	428	357	301
26	227	199E	166	166	1,680	2,360	90	74	585	423	361	306
27	234	199E	163	175	2,600	1,740	58	75	570	399	353	313
28	243	199E	165	173	3,300	2,150	16	55	628	333	368	328
29	238	-----	167	172	3,790	1,600	45	73	733	351	367	314
30	235	-----	168	171	3,620	1,370	28	47	786	352	327	280
31	232	-----	161	-----	3,040	-----	55	80	-----	360	-----	293
TOTAL	6,715	5,773	5,775	4,390	25,029	101,260	9,510	2,239	6,743	15,512	10,402	9,234
MEAN	217	206	186	146	807	3,375	307	72.2	225	500	347	298
MAX	243	235	207	196	3,790	5,040	1,730	129	786	820	416	343
MIN	186	185	161	30	151	1,370	16	16	21	333	280	270
AC-FT	13,320	11,450	11,450	8,710	49,650	200,800	18,860	4,440	13,370	30,770	20,630	18,320
YEAR 1995	TOTAL	202,582	MEAN	555	MAX	5,040	MIN	16	AC-FT	401,800		

NORTH PLATTE RIVER BASIN

HORSE CREEK near Lyman, 06677500 - 1995

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.
E indicates estimated daily discharge. Records good, except estimated records 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 532 cubic feet per second June 4, gage height 4.86 feet; minimum daily discharge 13 cubic feet per second on April 2.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	25E	44E	24E	14	19	164	297	123	88	94	43	29
2	25E	39	28E	13	18	414	292	118	93	86	39	29
3	23E	32	30	15	16	466	264	115	101	82	40	28
4	21E	31	28	17	16	510	219	121	102	82	39	29
5	21E	30	25	18	15	482	256	125	109	84	40	29
6	23E	28	24	18	14	415	281	120	118	74	40	29
7	23E	26	23	18	14	311	266	114	125	70	39	31
8	25E	26	27	18	37	218	238	114	138	67	39	29
9	26E	25	25	18	27	364	194	104	137	65	39	28E
10	26E	25	24	18	20	385	143	97	152	63	38	29E
11	28E	22E	24	17	18	363	149	84	174	61	38	30E
12	30E	24E	23	19	18	285	198	88	203	59	39	32
13	32E	26E	23	20	17	281	181	85	265	58	41	36
14	34E	29E	23	18	16	269	119	74	265	56	39	33
15	34E	29E	23	17	17	232	99	80	239	57	37	30
16	34E	33E	22	17	87	219	109	79	240	55	36	30
17	34E	32	20	17	91	219	104	75	236	54	35	30
18	32E	35	19	17	27	214	94	79	247	53	35	29
19	32E	31	20	17	36	213	121	74	308	49	35	26
20	32E	31	17	17	67	249	125	78	366	49	33	30
21	32E	29	17	16	66	356	136	82	398	51	33	29
22	32E	28	16	16	60	372	135	81	430	48	33	25
23	32E	28	16	16	66	339	128	81	364	49	33	27E
24	32E	27	16	15	66	305	118	83	315	49	32	27E
25	32E	27	15	15	67	319	122	85	268	48	31	27
26	32E	27	14	16	69	289	120	88	193	47	31	27
27	34E	27	15	15	73	232	123	89	153	46	31	27
28	36E	24E	17	17	80	186	110	87	124	46	30	27
29	38E	-----	19	17	69	255	98	85	107	46	31	28
30	40E	-----	16	18	57	287	105	82	104	44	30	28
31	44E	-----	15	-----	66	-----	125	84	-----	43	-----	26
TOTAL	944	815	648	504	1,329	9,213	5,069	2,874	6,162	1,835	1,079	894
MEAN	30.5	29.1	20.9	16.8	42.9	307	164	92.7	205	59.2	36.0	28.8
MAX	44	44	30	20	91	510	297	125	430	94	43	36
MIN	21	22	14	13	14	164	94	74	88	43	30	25
AC-FT	1,870	1,620	1,290	1,000	2,640	18,270	10,050	5,700	12,220	3,640	2,140	1,770
YEAR 1995	TOTAL	31,366	MEAN	85.9	MAX	510	MIN	13	AC-FT	62,210		

NORTH PLATTE RIVER BASIN

SHEEP CREEK near Morrill, 06678000 - 1995

LOCATION.--NW1/4SW1/4 Sec. 16-23-57 W., Scotts Bluff County, Lat. 41° 57' 50", Long. 103° 56' 20", on right 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 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.
E indicates estimated daily discharge. Records 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 312 cubic feet per second May 17, gage height 3.55 feet; minimum daily discharge 2.3 cubic feet per second September 18 & 19.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	78	65	72	66	61	67	197	3.2	2.7	107	88E	76
2	78	73	72	65	62	67	201	3.1	2.7	108	87	76
3	77	76	72	65	61	70	206	3.0	2.9	108	86	75
4	77	74	74	65	59	79	205	3.0	2.8	112	85	75
5	78	73	74	65	58	77	70	3.1	2.8	112	85	75
6	78	73	74	67	60	71	4.4	3.2	2.9	113	84	78
7	77	73	72	66	61	70	4.2	3.2	2.8	108	83	78
8	77	72	72	67	73	73	4.2	3.2	2.7	103	83	77
9	76	72	72	67	63	81	4.2	3.3	2.6	102	82	76
10	77	73	71	68	59	75	4.1	3.3	2.6	102	82	77
11	76	71	70	70	57	72	4.2	3.5	2.6	101	81	79
12	75	73	70	70	60	70	4.1	3.5	2.7	100	82	78
13	73	76	69	68	62	68	4.0	3.5	2.6	98	82	79
14	73	76	69	71	59	68	3.9	3.5	2.4	96	81	76
15	72	75	68	69	59	69	3.8	3.8	2.4	96	79	75
16	74	74	66	70	61	69	3.9	3.8	2.4	95	79	74
17	73	74	68	71	141	67	3.9	3.7	2.4	94	79	74
18	70	74	66	70	69	67	3.9	3.6	2.3	92	80	73
19	70	74	65	70	66	65	3.9	3.5	2.3	89	79	72
20	69	74	64	71	85	64	3.7	3.4	2.4	88	78	71
21	68	73	64	71	73	64	3.6	3.2	2.7	89	78	72
22	67	73	64	71	67	65	3.4	3.2	74	92	78	71
23	67	73	65	70	70	66	3.4	3.2	105	91	78	71
24	66	73	67	69	68	64	3.5	3.1	103	89	78	73
25	66	72	67	69	65	63	3.4	3.1	101	89	77	73
26	66	71	71	69	66	62	3.4	3.1	100	90E	78	72
27	67	72	71	68	69	68	3.1	3.1	100	90E	76	72
28	68	73	69	68	70	201	3.1	3.0	100	90E	77	72
29	66	-----	69	65	67	173	3.1	2.8	104	90E	78	72
30	65	-----	69	66	67	189	3.1	2.9	112	88E	77	73
31	65	-----	67	-----	67	-----	3.2	2.8	-----	88E	-----	74
TOTAL	2,229	2,045	2,143	2,047	2,085	2,424	975.7	100.9	953.7	3,010	2,420	2,309
MEAN	71.9	73.0	69.1	68.2	67.3	80.8	31.5	3.25	31.8	97.1	80.7	74.5
MAX	78	76	74	71	141	201	206	3.8	112	113	88	79
MIN	65	65	64	65	57	62	3.1	2.8	2.3	88	76	71
AC-FT	4,420	4,060	4,250	4,060	4,140	4,810	1,940	200	1,890	5,970	4,800	4,580
YEAR 1995	TOTAL	22,742.3	MEAN	62.3	MAX	206	MIN	2.3	AC-FT	45,110		

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from North Platte River, 00040000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916, 1919 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	39	129	90	12		
2					0	0	37	104	93	0		
3					0	0	43	100	94	0		
4					0	0	48	103	96	0		
5					0	58	41	115	94	0		
6					0	74	36	119	94	0		
7					0	59	36	122	98	0		
8					0	57	46	119	95	0		
9					0	54	69	108	84	0		
10					0	54	80	113	80	0		
11					0	54	77	117	82	0		
12					0	54	94	119	84	0		
13					0	54	91	105	89	0		
14					0	54	82	91	92	0		
15					0	54	80	91	90	0		
16					0	53	73	94	88	0		
17					0	52	82	97	88	0		
18					0	53	99	98	88	0		
19					0	52	115	94	92	0		
20					0	52	108	95	82	0		
21					0	63	88	102	68	0		
22					0	66	85	105	68	0		
23					0	63	85	100	71	0		
24					0	62	93	96	74	0		
25					0	59	106	95	76	0		
26					0	59	107	94	75	0		
27					0	56	98	94	71	0		
28					0	46	78	92	70	0		
29		-----			0	46	73	90	54	0		
30		-----			0	42	90	88	43	0		
31		-----		-----	0	-----	96	86	-----	0	-----	
TOTAL					0	1,450	2,375	3,175	2,463	12		
MEAN					0	48.3	76.6	102	82.1	.39		
MAX					0	74	115	129	98	12		
MIN					0	0	36	86	43	0		
AC-FT					0	2,880	4,710	6,300	4,890	24		
YEAR 1995	MAX	129	MIN	0	AC-FT	18,790						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Morrill Drain, 00042000 - 1995

LOCATION.--NE1/4SE1/4 Sec. 14-23-57 W. near Morrill

GAGE.--Staff gage

PERIOD OF RECORD.--1921 - 1923, 1931 - 1946, 1948 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					.20	.32	.60	1.8	4.8			
2					.20	.32	.60	2.0	4.9			
3					.20	.32	.60	2.2	4.9			
4					.25	.32	.65	2.4	5.0			
5					.25	.35	.65	2.6	5.0			
6					.30	.35	.65	2.8	5.0			
7					.30	.35	.65	3.0	5.0			
8					.35	.35	.70	3.2	5.0			
9					.35	.35	.70	3.4	5.0			
10					.40	.35	.70	3.8	5.2			
11					.50	.35	.80	3.8	5.2			
12					.50	.40	.80	4.0	5.4			
13					.50	.40	.90	4.0	5.6			
14					.50	.40	.90	4.2	5.6			
15					.45	.40	1.0	4.2	5.8			
16					.45	.40	1.0	4.4	6.0			
17					.45	.40	1.1	4.4	6.2			
18					.40	.40	1.1	4.4	6.6			
19					.40	.40	1.2	4.6	6.8			
20					.40	.40	1.2	4.6	7.0			
21					.35	.41	1.3	4.6	7.3			
22					.35	.41	1.3	4.8	7.1			
23					.35	.41	1.4	4.8	7.0			
24					.32	.45	1.4	4.8	6.5			
25					.32	.45	1.4	4.8	6.3			
26					.32	.50	1.4	4.8	6.0			
27					.32	.50	1.4	4.8	5.5			
28					.32	.60	1.5	4.8	4.0			
29		-----			.32	.60	1.5	4.8	3.5			
30		-----			.32	.60	1.6	4.8	3.0			
31		-----		-----	.32	-----	1.7	4.8	-----			
TOTAL					10.96	12.26	32.40	122.4	166.2			
MEAN					.35	.41	1.05	3.95	5.54			
MAX					.50	.60	1.7	4.8	7.3			
MIN					.20	.32	.60	1.8	3.0			
AC-FT					22	24	64	243	330			
YEAR 1995	MAX	7.3	MIN	.20	AC-FT	683						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Dry Spottedtail Creek, 00041000 - 1995

LOCATION.--NW1/4SW1/4 Sec. 21-23-56 W. near Mitchell

GAGE.--Staff gage

PERIOD OF RECORD.--1960 - 1969, 1985 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	4.8	3.0			
2					0	0	0	4.6	4.0			
3					0	0	0	4.6	4.0			
4					0	0	0	4.6	5.0			
5					0	0	0	4.6	7.0			
6					0	0	0	5.0	8.0			
7					0	0	0	5.0	12			
8					0	0	0	5.0	12			
9					0	0	0	5.2	12			
10					0	0	0	5.2	12			
11					0	0	0	5.5	10			
12					0	0	0	5.6	5.0			
13					0	0	0	5.8	0			
14					0	0	0	6.0	0			
15					0	0	0	6.0	0			
16					0	0	0	6.2	0			
17					0	0	0	6.2	0			
18					0	0	0	6.2	0			
19					0	0	0	6.2	0			
20					0	0	0	6.2	0			
21					0	0	0	6.1	0			
22					0	0	0	6.0	0			
23					0	0	6.0	6.0	0			
24					0	0	6.2	6.0	0			
25					0	0	6.6	6.0	0			
26					0	0	6.6	5.0	0			
27					0	0	6.6	5.0	0			
28					0	0	6.0	4.0	0			
29		-----			0	0	6.0	3.0	0			
30		-----			0	0	6.0	3.0	0			
31		-----		-----	0	-----	5.0	3.0	-----		-----	
TOTAL					0	0	55.0	161.6	94.0			
MEAN					0	0	1.77	5.21	3.13			
MAX					0	0	6.6	6.2	12			
MIN					0	0	0	3.0	0			
AC-FT					0	0	109	321	186			
YEAR 1995	MAX	12	MIN	0	AC-FT	616						

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Tub Springs, 00043000 - 1995

LOCATION.--Sec. 33-23-55 W. Scottsbluff County

GAGE.--Staff gage

PERIOD OF RECORD.--1920 - 1927, 1929 - 1983, 1992 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

No water diverted in 1995.

NORTH PLATTE RIVER BASIN

ENTERPRISE CANAL from Winters Creek - 1995

LOCATION.--NW1/4NE1/4 Sec. 17-22-54 W. near Scottsbluff

GAGE.--Staff gage

PERIOD OF RECORD.--1937 - 1943, 1969 - present

REMARKS--.* indicates observation or measurement.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	1.8	1.9	2.0	1.3			
2					0	1.8*	2.0	2.0	1.3			
3					0	1.8	2.0*	2.0 *	1.2			
4					0 *	1.8	1.9	1.9	1.2			
5					0	1.8	1.8	1.8	1.1			
6					0	1.9	1.7	1.7	1.1 *			
7					0	1.9	1.6	1.6	1.2			
8					0	1.9	1.5	1.5	1.2			
9					0	1.9	1.4	1.4	1.2			
10					0 *	1.9	1.3	1.3	1.2			
11					0	1.9	1.1	1.2	1.2			
12					0	1.9	1.0	1.0	1.2			
13					0	2.0	.80*	.90	1.2			
14					0	2.0	.90	.80	1.2			
15					0	2.0	.95	.70*	1.3			
16					0	2.0	1.0	.85	1.3			
17					0	2.0	1.1	1.0	1.3			
18					0	2.0	1.1	1.1	1.3			
19					0	2.1	1.2	1.3	1.4			
20					0	2.1	1.3	1.4	1.4			
21					0	2.1	1.3	1.6	1.4			
22					0	2.1*	1.4	1.8 *	1.5			
23					0	2.0	1.4	1.8	1.5			
24					1.7*	2.0	1.5	1.7	1.5			
25					1.7	1.9	1.5	1.7	1.5			
26					1.7	1.8	1.6	1.6	1.5 *			
27					1.8	1.8*	1.6	1.6	1.5			
28					1.8	1.7	1.7	1.5	1.0			
29		-----			1.8	1.8	1.8	1.5	0			
30		-----			1.8	1.8	1.8	1.4	0			
31		-----		-----	1.8	-----	1.9	1.4	-----		-----	
TOTAL					14.1	57.5	45.05	45.05	36.2			
MEAN					.45	1.92	1.45	1.45	1.21			
MAX					1.8	2.1	2.0	2.0	1.5			
MIN					0	1.7	.80	.70	0			
AC-FT					28	114	89	89	72			
YEAR 1995	MAX	2.1	MIN	0	AC-FT	393						

NORTH PLATTE RIVER BASIN

DRY SPOTTED TAIL CREEK at Mitchell, 06679000 - 1995

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.
E indicates estimated daily discharge. Records good except for estimated records, which are poor.

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 154 cubic feet per second September 29, gage height 1.92 feet; minimum daily discharge, 4.3 cubic feet per second May 14.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22E	24	27	24	14	48	54	97	60E	75	34	28
2	22E	28	26	23	15	50	52	92	62E	64	32	28
3	23E	28	25	23	14	55	52	90	64E	53	31	28
4	23E	27	25	22	15	66	53	95	66E	53	33	27
5	24E	27	25	21	14	65	55	95	68E	56	32	28
6	24E	28	25	21	16	60	49	91	68E	50	32	27
7	24E	28	25	21	17	54	34	82	70E	47	32	28
8	26E	28	25	20	16	59	40	72	72E	46	31	26
9	28E	27	25	23	15	73	52	71	74E	44	31	25
10	28	28	25	22	7.0	43	58	68	76E	42	32	26
11	28	27	24	22	5.7	30	61	66	76E	42	30	28
12	28	28	24	21	5.8	28	57	69	78E	39	32	28
13	28	27	25	15	4.7	27	53	68	80E	40	31	27
14	28	29	25	14	4.3	26	68	63	82E	39	30	28
15	27	29	25	14	9.8	25	79	55	84E	37	30	27
16	27	29	25	14	12	25	92	55	86E	37	30	26
17	27	30	26	14	15	25	116	65	88E	37	30	25
18	26	29	27	15	18	25	121	64E	88E	35	29	25
19	26	28	26	14	18	24	118	64E	90	36	30	25
20	25	29	25	15	43	22	93	62E	101	37	29	24
21	24	29	23	13	20	26	82	62E	102	37	29	25
22	24	28	21	14	19	26	81	62E	98	36	29	25
23	23	28	22	13	20	28	82	60E	99	36	29	24
24	23	27	20	11	20	27	80	60E	102	36	29	24E
25	23	27	21	11	19	26	88	60E	92	35	29	24E
26	23	27	20	11	19	26	92	60E	86	34	29	24E
27	23	27	22	12	23	26	87	58E	83	36	32	23E
28	26	27	23	14	28	51	89	58E	87	35	29	23E
29	23	-----	23	14	26	43	93	58E	118	34	30	23
30	22	-----	23	15	23	61	93	57E	113	33	28	22
31	23	-----	23	-----	37	-----	94	58E	-----	34	-----	22
TOTAL	771	778	746	506	533.3	1,170	2,318	2,137	2,513	1,295	914	793
MEAN	24.9	27.8	24.1	16.9	17.2	39.0	74.8	68.9	83.8	41.8	30.5	25.6
MAX	28	30	27	24	43	73	121	97	118	75	34	28
MIN	22	24	20	11	4.3	22	34	55	60	33	28	22
AC-FT	1,530	1,540	1,480	1,000	1,060	2,320	4,600	4,240	4,980	2,570	1,810	1,570
YEAR 1995	TOTAL	14,474.3	MEAN	39.7	MAX	121	MIN	4.3	AC-FT	28,710		

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Mitchell, 06679500 - 1995

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 State Highway 29, 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
Record good in 1995.

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 6,200 cubic feet per second June 12, gage height 7.55 feet; minimum daily discharge 246 cubic feet per second August 14.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	441	497	388	371	343	2,490	1,810	352	313	1,110	650	561
2	439	494	382	369	346	2,580	1,990	333	335	1,040	627	565
3	441	443	387	370	350	2,670	2,000	315	335	918	612	551
4	405	440	398	371	346	3,140	1,750	308	333	879	611	556
5	398	435	391	376	342	3,650	1,490	317	313	851	609	543
6	461	433	392	370	347	4,000	1,230	320	310	812	602	559
7	453	426	389	369	354	4,030	803	321	308	793	593	542
8	495	429	394	364	512	3,930	544	301	358	773	588	538
9	491	434	405	356	644	4,250	453	280	364	834	583	512
10	490	427	405	339	578	5,380	478	272	353	792	579	519
11	498	398	410	342	532	5,740	461	274	356	772	578	543
12	501	400	409	353	535	6,040	475	279	372	758	576	549
13	499	387	401	350	546	5,660	459	275	380	741	589	558
14	498	383	397	343	545	5,400	436	246	370	735	583	555
15	502	408	398	313	547	5,160	454	248	361	734	569	553
16	497	427	396	334	547	4,580	431	257	366	725	566	548
17	484	438	391	326	671	4,670	432	260	371	711	560	544
18	464	448	398	332	574	4,690	465	272	388	707	558	539
19	458	447	396	328	543	4,750	516	265	461	694	554	532
20	480	450	388	362	610	4,530	507	272	564	688	554	530
21	467	447	389	339	645	4,530	432	291	767	697	553	531
22	461	444	381	344	602	4,310	393	303	839	698	556	527
23	451	432	373	344	552	3,890	381	303	955	711	557	516
24	444	430	375	345	570	3,710	382	294	1,190	707	559	523
25	446	426	370	347	753	3,350	383	286	1,120	699	557	528
26	449	418	358	345	1,190	3,110	378	289	1,000	691	562	527
27	455	407	359	343	1,810	2,720	355	300	917	678	566	520
28	479	396	364	350	2,490	2,470	335	297	895	668	554	519
29	486	-----	365	336	3,040	2,360	314	287	1,040	660	558	516
30	469	-----	369	336	3,140	2,030	314	291	1,130	650	562	519
31	475	-----	369	-----	3,030	-----	316	288	-----	653	-----	524
TOTAL	14,477	12,044	11,987	10,467	27,634	119,820	21,167	8,996	17,164	23,579	17,325	16,647
MEAN	467	430	387	349	891	3,994	683	290	572	761	578	537
MAX	502	497	410	376	3,140	6,040	2,000	352	1,190	1,110	650	565
MIN	398	383	358	313	342	2,030	314	246	308	650	553	512
AC-FT	28,720	23,890	23,780	20,760	54,810	237,700	41,980	17,840	34,040	46,770	34,360	33,020
YEAR 1995	TOTAL	301,307	MEAN	825	MAX	6,040	MIN	246	AC-FT	597,600		

NORTH PLATTE RIVER BASIN

TUB SPRINGS near Scottsbluff, 06680000 - 1995

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.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 1610, 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 1,350 cubic feet per second May 16, gage height 4.61 feet; minimum daily discharge 21 cubic feet per second, April 19-27, May 1, 5, 11-15.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	33	31	26	25	21	25	43	42	38	54	43	36
2	33	29	25	24	22	27	39	43	40	54	42	36
3	33	28	26	24	22	27	36	38	42	54	41	36
4	32	29	27	24	22	42	41	36	45	57	41	35
5	32	29	26	24	21	44	47	40	44	52	41	34
6	31	29	25	24	22	68	39	39	46	52	40	35
7	31	28	25	23	22	64	29	39	47	54	40	35
8	31	28	25	23	26	69	23	41	55	51	40	34
9	32	27	25	23	24	90	27	41	54	52	40	34
10	33	27	25	23	22	69	26	39	57	51	40	34
11	33	26	24	22	21	64	27	42	56	50	41	34
12	32	26	24	22	21	65	24	40	59	49	40	35
13	32	27	24	23	21	75	24	37	56	47	40	36
14	32	28	24	22	21	75	36	37	56	48	39	35
15	31	28	23	22	21	74	42	39	58	47	39	36
16	33	28	24	23	105	72	37	37	65	46	38	37
17	32	28	24	22	91	70	37	36	73	45	38	35
18	31	28	24	22	27	70	42	36	79	43	38	34
19	31	27	24	21	26	60	45	36	86	45	38	34
20	31	27	24	21	33	56	48	36	111	45	37	34
21	31	27	25	21	24	58	41	36	95	44	37	34
22	30	27	24	21	24	64	40	35	103	43	38	34
23	30	26	25	21	25	58	40	38	121	44	38	33
24	30	26	24	21	23	58	42	36	133	43	38	34
25	30	26	25	21	23	52	43	34	131	42	38	34
26	30	26	25	21	23	50	42	35	132	41	38	33
27	29	26	24	21	23	49	43	37	127	40	37	33
28	28	26	24	22	23	47	39	37	124	41	37	33
29	28	-----	25	22	22	49	29	36	109	41	36	32
30	29	-----	26	22	22	45	39	34	65	42	36	32
31	33	-----	26	-----	23	-----	43	33	-----	44	-----	33
TOTAL	967	768	767	670	866	1,736	1,153	1,165	2,307	1,461	1,169	1,064
MEAN	31.2	27.4	24.7	22.3	27.9	57.9	37.2	37.6	76.9	47.1	39.0	34.3
MAX	33	31	27	25	105	90	48	43	133	57	43	37
MIN	28	26	23	21	21	25	23	33	38	40	36	32
AC-FT	1,920	1,520	1,520	1,330	1,720	3,440	2,290	2,310	4,580	2,900	2,320	2,110
YEAR 1995	TOTAL	14,093	MEAN	38.6	MAX	133	MIN	21	AC-FT	27,950		

NORTH PLATTE RIVER BASIN

WINTERS CREEK CANAL from North Platte River, 00148000 - 1995

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

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

PERIOD OF RECORD.--1916, 1918 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	10	28	25			
2					0	0	11	28	25			
3					0	0	10	28	24			
4					0	0	9.6	28	24			
5					0	0	11	28	23			
6					0	8.0	15	23	21			
7					0	12	19	25	22			
8					0	11	19	26	24			
9					0	9.3	19	26	25			
10					0	10	25	25	25			
11					0	11	29	26	25			
12					0	11	31	26	26			
13					0	10	30	27	26			
14					0	9.9	30	26	27			
15					0	9.8	31	26	29			
16					0	8.9	30	26	21			
17					0	8.1	29	26	17			
18					0	8.0	29	26	19			
19					0	7.7	29	25	19			
20					0	7.4	28	24	20			
21					0	7.1	27	25	17			
22					0	6.8	26	25	14			
23					0	6.2	26	24	2.4			
24					0	6.2	28	24	0			
25					0	6.0	28	24	0			
26					0	5.9	28	25	0			
27					0	6.8	27	26	0			
28					0	11	26	26	0			
29					0	11	25	26	0			
30		-----			0	11	26	26	0			
31		-----		-----	0	-----	27	25	-----		-----	
TOTAL					0	220.1	738.6	799	500.4			
MEAN					0	7.34	23.8	25.8	16.7			
MAX					0	12	31	28	29			
MIN					0	0	9.6	23	0			
AC-FT					0	437	1,470	1,580	993			
YEAR 1995	MAX	31	MIN	0	AC-FT	4,480						

NORTH PLATTE RIVER BASIN

WINTERS CREEK CANAL from Winters Creek, 00149000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	0	32	47	50			
2				0	0	0	13	47	51			
3				0	0	0	12	47	50			
4				0	0	0	14	48	50			
5				0	0	0	14	49	51			
6				0	0	0	12	48	50			
7				0	0	0	18	48	51			
8				0	0	0	25	49	47			
9				0	0	0	27	49	42			
10				0	0	5.0	35	49	41			
11				0	0	8.9	38	50	38			
12				0	0	11	38	50	31			
13				0	0	14	41	49	27			
14				0	0	16	49	50	25			
15				0	0	15	5.4	49	22			
16				0	8.0	15	30	49	20			
17				0	38	14	44	48	19			
18				0	0	14	47	47	24			
19				0	0	15	43	48	27			
20				0	0	13	42	47	29			
21				0	0	8.8	45	45	26			
22				0	0	9.1	47	45	18			
23				0	0	9.6	46	45	7.0			
24				0	0	8.6	46	45	0			
25				0	0	14	45	45	0			
26				0	0	14	46	46	0			
27				0	0	14	47	46	0			
28				0	0	15	46	47	0			
29		-----		0	0	15	48	47	0			
30		-----		0	0	17	50	48	0			
31		-----		-----	0	-----	49	48	-----		-----	
TOTAL				0	46.0	266.0	1,094.4	1,475	796.0			
MEAN				0	1.48	8.87	35.3	47.6	26.5			
MAX				0	38	17	50	50	51			
MIN				0	0	0	5.4	45	0			
AC-FT				0	91	528	2,170	2,930	1,580			
YEAR 1995	MAX	51	MIN	0	AC-FT	7,290						

NORTH PLATTE RIVER BASIN

WINTERS CREEK FACTORY LATERAL from Winters Creek, 00150000 - 1995

LOCATION.--SE1/4NW1/4 Sec. 19-22-54 W. near Scottsbluff

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

PERIOD OF RECORD.--1937 - present

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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No diversion of water in 1995.

NORTH PLATTE RIVER BASIN

CENTRAL CANAL from North Platte River, 00022000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1919 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	21	34	29			
2					0	0	28	34	30			
3					0	0	27	36	29			
4					0	0	24	35	29			
5					0	0	22	35	29			
6					0	0	27	33	29			
7					0	0	26	33	25			
8					0	0	23	27	27			
9					0	0	28	32	28			
10					0	0	29	32	26			
11					0	0	29	32	26			
12					0	0	28	36	27			
13					0	0	28	29	27			
14					0	0	28	33	26			
15					0	4.6	27	34	26			
16					0	4.2	30	33	24			
17					0	11	31	32	25			
18					0	17	31	33	26			
19					0	20	34	33	22			
20					0	18	34	33	18			
21					0	22	32	34	18			
22					0	23	35	33	18			
23					0	23	32	33	17			
24					0	22	32	32	17			
25					0	23	33	30	15			
26					0	23	34	31	8.8			
27					0	20	38	34	7.7			
28					0	18	36	31	3.5			
29		-----			0	20	33	30	0			
30		-----			0	14	33	31	0			
31		-----		-----	0	-----	34	30	-----		-----	
TOTAL					0	282.8	927	1,008	633.0			
MEAN					0	9.43	29.9	32.5	21.1			
MAX					0	23	38	36	30			
MIN					0	0	21	27	0			
AC-FT					0	561	1,840	2,000	1,260			
YEAR 1995	MAX	38	MIN	0	AC-FT	5,650						

NORTH PLATTE RIVER BASIN

WINTERS CREEK near Scottsbluff, 06681000 - 1995

LOCATION.--NW1/4SE1/4 Sec. 30-22-54 W., Scotts Bluff County, 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.
E indicated estimated daily discharge. Records 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 336 cubic feet per second June 1, gage height 4.62 feet; minimum daily discharge 8.0 cubic feet per second July 13.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	45	43	40	44	30	85	56	35	35	80	63	54
2	45	39	39	42	29	50	63	36	35	77	63	51
3	45	39	40	42	30	50	41	35	41	78	63	51
4	45	38	40	45	34	95	35	33	42	79	63	51
5	46	39	39	51	31	102	36	37	44	78	63	50
6	45	39	38	49	35	57	32	39	39	76	62	52
7	44	44	38	51	32	69	31	37	42	77	62	52
8	43	48	39	47	29	119	28	37	87	75	61	51
9	42	48	39	41	28	153	19	38	114	74	60	50
10	42	47	38	34	32	130	16	38	86	74	59	50
11	42	44	38	33	35	122	10	40	66	73	59	49
12	42	42	38	41	38	80	8.1	40	74	73	60	48
13	41	41	39	44	33	44	8.0	36	80	70	61	51
14	41	41	38	43	37	41	13	35	84	70	58	50
15	41	41	39	42	52	39	103	36	93	69	58	53
16	42	41	39	36	52	37	67	38	97	69	58	49
17	41	41	35	35	103	35	45	39	95	66	58	50
18	41	41	35	35	47	33	42	37	110	66	57	48
19	39	41	33	32	36	32	41	38	138	64	57	46
20	38	41	34	34	41	35	26	39	154	63	57	46
21	39	41	37	31	43	38	20	37	174	61	57	44
22	39	42	36	33	42	37	21	37	176	59	54	50
23	39	42	36	32	48	36	23	36	181	61	54	44
24	38	41	36	34	50	38	29	34	157	61	54	47
25	38	41	36	33	47	27	32	32	112	58	56	50
26	37	40	36	32	49	25	33	31	103	60	56	52
27	37	40	37	35	48	24	34	32	96	58	56	53
28	38	40	37	33	48	30	36	34	89	57	55	47
29	37	-----	36	31	47	30	35	34	86	57	56	43
30	37	-----	34	29	47	32	33	35	86	57	56	43
31	41	-----	37	-----	48	-----	35	35	-----	60	-----	42
TOTAL	1,270	1,165	1,156	1,144	1,301	1,725	1,051.1	1,120	2,816	2,100	1,756	1,517
MEAN	41.0	41.6	37.3	38.1	42.0	57.5	33.9	36.1	93.9	67.7	58.5	48.9
MAX	46	48	40	51	103	153	103	40	181	80	63	54
MIN	37	38	33	29	28	24	8.0	31	35	57	54	42
AC-FT	2,520	2,310	2,290	2,270	2,580	3,420	2,080	2,220	5,590	4,170	3,480	3,010
YEAR 1995	TOTAL	18,121.1	MEAN	49.6	MAX	181	MIN	8.0	AC-FT	35,940		

NORTH PLATTE RIVER BASIN

MINATARE CANAL from North Platte River, 00099000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1919 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	21	30	93	82	29		
2					0	30	32	92	81	26		
3					0	27	32	90	79	25		
4					0	30	33	89	78	26		
5					0	33	32	89	82	23		
6					0	39	29	89	81	15		
7					0	41	26	89	78	6.0		
8					0	39	24	88	76	0		
9					0	33	29	87	73	0		
10					0	31	33	88	65	0		
11					0	35	31	90	63	0		
12					0	33	47	91	60	0		
13					0	34	56	93	55	0		
14					0	34	57	91	52	0		
15					0	30	62	92	50	0		
16					0	28	58	92	48	0		
17					0	30	57	91	45	0		
18					0	30	61	90	44	0		
19					0	30	64	89	45	0		
20					0	30	63	88	45	0		
21					0	29	62	88	40	0		
22					0	28	66	87	35	0		
23					0	15	66	87	32	0		
24					0	20	72	87	33	0		
25					5.3	28	81	86	36	0		
26					38	33	92	87	35	0		
27					32	38	93	87	33	0		
28					36	37	92	86	33	0		
29		-----			36	32	90	85	33	0		
30		-----			25	30	90	85	32	0		
31		-----		-----	17	-----	92	83	-----	0	-----	
TOTAL					189.3	928	1,752	2,749	1,624	150.0		
MEAN					6.11	30.9	56.5	88.7	54.1	4.84		
MAX					38	41	93	93	82	29		
MIN					0	15	24	83	32	0		
AC-FT					375	1,840	3,480	5,450	3,220	298		
YEAR 1995	MAX	93	MIN	0	AC-FT	14,660						

NORTH PLATTE RIVER BASIN

GERING CREEK near Gering, 06681500 - 1995

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.
E indicated estimated daily discharge. Records good except for estimated record, which is poor.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 751 cubic feet per second June 4, gage height 5.59 feet; minimum daily discharge 17 cubic feet per second March 3, 4, 7-11.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22	24	19	20	20	31	120	142	109	31	26	22
2	22	22	18	21	21	116	111	139	106	29	25	22
3	21	22	17	21	21	101	107	136	114	30	25	22
4	21	22	17	21	20	264	142	130	121	37	25	22
5	20	21	18	20	19	153	151	133	125	36	25	22
6	21	21	18	20	19	119	149	141	125	32	25	23
7	21	21	17	20	21	71	117	131	136	31	24	22
8	21	21	17	21	41	249	114	119	136	30	24	21
9	21	21	17	22	29	282	115	112	136	30	24	20
10	21	21	17	22	19	126	131	111	153	30	25	20
11	21	21	17	22	18	134	139	112	162	28	24	21
12	21	21	18	21	18	120	124	120	157	28	24	21
13	21	21	18	21	19	124	93	120	171	29	24	22
14	21	21	18	20	18	117	122	123	166	28	24	23
15	22	21	18	20	18	128	134	119	155	27	23	23
16	23	20	18	23	22	140	140	114	128	27	23	23
17	22	20	19	20	34	137	128	110	124	26	23	23
18	21	20	19	21	23	139	147	106	156	27	22	22
19	21	20	19	19	19	139	162	109	158	28	22	23
20	21	19	19	19	52	177	153	109	181	27	22	23
21	21	19	18	19	20	162	139	109	203	26	22	23
22	22	20	18	19	18	146	126	105	203	28	22	23
23	21	20	18	18	21	135	124	101	175	29	22	22
24	21	19	19	18	19	151	125	104	116	28	22	22
25	21	19	19	19	19	142	123	106	62	27	22	22
26	21	19	20	20	21	142	120	107	38	27	22	22
27	22	19	20	19	24	145	118	110	32	28	22	22
28	25	19	20	21	28	137	117	104	30	27	21	21
29	22	-----	21	20	20	147	116	106	30	27	22	21
30	21	-----	21	20	19	152	117	109	34	26	22	21
31	22	-----	21	-----	19	-----	141	113	-----	25	-----	21
TOTAL	664	574	573	607	699	4,326	3,965	3,610	3,742	889	698	680
MEAN	21.4	20.5	18.5	20.2	22.5	144	128	116	125	28.7	23.3	21.9
MAX	25	24	21	23	52	282	162	142	203	37	26	23
MIN	20	19	17	18	18	31	93	101	30	25	21	20
AC-FT	1,320	1,140	1,140	1,200	1,390	8,580	7,860	7,160	7,420	1,760	1,380	1,350
YEAR 1995	TOTAL	21,027	MEAN	57.6	MAX	282	MIN	17	AC-FT	41,710		

NORTH PLATTE RIVER BASIN

CASTLE ROCK - STEAMBOAT CANAL from North Platte River, 00021000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916, 1918 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	56	65	88	92	35		
2				0	0	53	65	87	89	34		
3				0	0	54	65	87	78	26		
4				0	0	66	69	84	78	25		
5				0	0	67	71	87	78	25		
6				0	0	73	70	90	78	25		
7				0	0	76	67	89	77	25		
8				0	0	76	68	88	70	24		
9				0	0	70	78	87	45	16		
10				0	0	55	75	89	44	0		
11				0	0	55	80	95	44	0		
12				0	0	53	83	87	44	0		
13				0	0	50	81	94	54	0		
14				0	0	41	81	93	54	0		
15				0	0	37	85	92	51	0		
16				0	0	31	81	91	49	0		
17				0	0	22	79	92	47	0		
18				0	0	20	81	92	50	0		
19				0	0	24	83	93	53	0		
20				0	0	24	82	94	57	0		
21				0	0	25	81	95	49	0		
22				0	22	23	90	94	46	0		
23				0	33	49	90	94	43	0		
24				0	35	62	90	94	40	0		
25				1.0	38	63	90	92	40	0		
26				8.5	39	62	90	89	39	0		
27				13	44	61	87	89	40	0		
28				29	59	60	87	91	38	0		
29				13	59	59	87	91	33	0		
30				0	60	65	87	90	34	0		
31				-----	61	-----	90	90	-----	0	-----	
TOTAL				64.5	450	1,532	2,478	2,808	1,634	235		
MEAN				2.15	14.5	51.1	79.9	90.6	54.5	7.58		
MAX				29	61	76	90	95	92	35		
MIN				0	0	20	65	84	33	0		
AC-FT				128	893	3,040	4,920	5,570	3,240	466		
YEAR 1995	MAX	95	MIN	0	AC-FT	18,250						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Minatare, 06682000 - 1995

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., Scottsbluff County, Lat. 41° 47' 32", Long. 103° 31' 08", on left bank 50 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.
E indicates estimated daily discharge. Records good, except estimated records fair.

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 6,390 cubic feet per second June 13, combined channel discharge; minimum daily discharge 390 cubic feet per second August 18, combined channel discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	690E	697	625	537	514	3,280	2,140	492	432	1,200	931	818
2	690E	692	621	532	524	2,970	2,160	507	459	1,180	907	825
3	680E	684	629	528	533	2,940	2,240	474	499	1,120	896	819
4	680E	676	628	531	532	3,410	2,120	463	513	1,100	896	826
5	680E	671	626	532	529	3,650	1,920	464	505	1,080	894	811
6	670E	664	619	525	522	3,900	1,680	476	494	1,040	887	817
7	670E	655	619	518	521	4,170	1,360	479	501	1,040	879	809E
8	673	648	623	519	617	4,480	1,070	470	574	1,040	874	808E
9	678	637	628	531	771	4,720	838	441	703	1,080	866	806E
10	670	623	632	515	746	5,290	774	425	707	1,110	869	804E
11	667	605	635	512	690	5,920	718	414	710	1,090	868	807E
12	666	601	632	512	682	6,160	646	425	726	1,080	873	810E
13	662	592	622	516	690	6,220	598	433	754	1,050	872	819E
14	659	589	614	504	687	5,800	596	415	746	1,030	867	813E
15	669	603	612	488	687	5,510	768	405	744	1,030	863	811E
16	685	608	605	515	677	5,120	692	401	724	1,030	859	809E
17	682	611	599	510	1,140	4,750	653	390	749	1,010	853	806E
18	666	606	604	510	851	4,790	667	389	800	996	841	799E
19	656	607	596	510	773	4,900	738	390	891	976	834	783E
20	653	604	592	526	842	4,800	747	397	853	963	834	779E
21	657	608	596	536	850	4,730	674	407	884	962	831	787E
22	653	624	587	519	803	4,660	589	406	1,030	964	832	793E
23	648	625	574	513	786	4,340	540	409	1,090	966	829	790E
24	644	626	572	502	768	4,070	528	401	1,260	957	833	799E
25	651	625	570	503	760	3,800	514	396	1,220	952	834	802E
26	657	624	563	516	1,040	3,420	522	394	1,140	950	832	800E
27	665	625	553	519	1,460	2,430	505	405	1,080	932	818	786E
28	689	627	549	519	2,110	2,780	483	415	1,040	925	816	774
29	695	-----	551	523	2,740	2,800	455	410	1,100	921	819	776
30	683	-----	549	535	3,360	2,420	439	414	1,210	915	830	774
31	678	-----	540	-----	3,640	-----	461	419	-----	922	-----	777
TOTAL	20,766	17,657	18,565	15,556	31,845	128,230	28,835	13,226	24,138	31,611	25,737	24,837
MEAN	670	631	599	519	1,027	4,274	930	427	805	1,020	858	801
MAX	695	697	635	537	3,640	6,220	2,240	507	1,260	1,200	931	826
MIN	644	589	540	488	514	2,420	439	389	432	915	816	774
AC-FT	41,190	35,020	36,820	30,860	63,160	254,300	57,190	26,230	47,880	62,700	51,050	49,260
YEAR 1995	TOTAL	381,003	MEAN	1,044	MAX	6,220	MIN	389	AC-FT	755,700		

NORTH PLATTE RIVER BASIN

NINE MILE CANAL from North Platte River, 00106000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	3.8	17	38	24	13		
2				0	0	5.3	13	38	25	9.5		
3				0	0	3.9	12	37	27	.70		
4				0	0	4.7	11	37	28	0		
5				0	4.7	2.7	10	33	28	0		
6				0	9.8	3.0	8.4	26	27	0		
7				0	9.8	3.4	4.3	26	28	0		
8				0	9.9	5.5	8.2	27	29	0		
9				0	9.9	4.2	11	28	31	0		
10				0	11	2.4	11	28	29	0		
11				0	10	1.8	12	26	26	0		
12				0	9.3	1.2	6.3	25	27	0		
13				0	8.9	.63	2.8	28	27	0		
14				0	9.6	.15	1.8	27	26	0		
15				0	9.5	.37	11	26	24	0		
16				0	9.7	.63	9.5	26	24	0		
17				0	13	.88	6.4	25	23	0		
18				0	3.2	2.8	3.4	25	22	0		
19				0	5.9	2.9	9.3	25	22	0		
20				0	15	2.7	16	26	19	0		
21				0	16	2.7	18	26	19	0		
22				0	13	3.0	20	27	24	0		
23				0	11	3.4	38	26	17	0		
24				0	11	3.4	41	26	13	0		
25				0	12	3.3	44	25	12	0		
26				0	13	2.1	44	25	12	0		
27				0	9.7	2.1	42	24	12	0		
28				0	1.8	1.5	41	24	12	0		
29		-----		0	0	2.0	41	23	12	0		
30		-----		0	0	19	40	24	13	0		
31		-----		-----	0	-----	39	24	-----	0	-----	
TOTAL				0	236.7	95.46	592.4	851	662	23.20		
MEAN				0	7.64	3.18	19.1	27.5	22.1	.75		
MAX				0	16	19	44	38	31	13		
MIN				0	0	.15	1.8	23	12	0		
AC-FT				0	469	189	1,180	1,690	1,310	46		
YEAR 1995	MAX	44	MIN	0	AC-FT	4,880						

NORTH PLATTE RIVER BASIN

NINE MILE CANAL from Nine mile Creek, 00106100 - 1995

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

GAGE.--Continuous recorder

PERIOD OF RECORD.--1988 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	25	38	37	42	41	27		
2				0	26	50	38	40	42	27		
3				0	27	64	37	40	41	27		
4				0	25	69	38	40	41	28		
5				0	31	68	38	40	40	27		
6				0	32	70	37	40	40	26		
7				0	33	70	37	41	41	25		
8				0	41	65	37	41	42	24		
9				0	37	51	37	41	43	23		
10				0	36	55	38	42	42	23		
11				0	35	52	38	42	41	23		
12				0	35	52	39	43	41	22		
13				0	34	51	39	44	41	22		
14				0	33	50	41	44	41	22		
15				0	33	45	42	44	41	21		
16				0	34	33	42	44	42	21		
17				0	45	40	43	43	43	21		
18				0	32	41	43	43	43	20		
19				0	32	42	42	43	42	20		
20				19	36	41	42	43	41	20		
21				32	35	39	41	44	41	19		
22				30	36	41	41	43	43	19		
23				28	38	40	41	43	44	7.8		
24				27	38	39	42	44	42	0		
25				27	38	42	42	43	32	0		
26				26	36	41	42	43	30	0		
27				25	36	39	41	43	29	0		
28				26	36	37	40	43	28	0		
29		-----		25	36	37	40	42	29	0		
30		-----		26	36	37	42	43	28	0		
31		-----		-----	35	-----	43	42	-----	0	-----	
TOTAL				291	1,062	1,439	1,240	1,313	1,175	514.8		
MEAN				9.70	34.3	48.0	40.0	42.4	39.2	16.6		
MAX				32	45	70	43	44	44	28		
MIN				0	25	33	37	40	28	0		
AC-FT				577	2,110	2,850	2,460	2,600	2,330	1,020		
YEAR 1995	MAX	70	MIN	0	AC-FT	13,950						

NORTH PLATTE RIVER BASIN

NINE MILE CREEK near McGrew, 06682500 - 1995

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.

E indicates estimated daily discharge. Records good except fair during irrigation season May through September.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1470 cubic feet per second, May 24, 1987, gage height 6.69 feet; minimum daily discharge 38 cubic feet per second, June 25 - 26, 1981.

EXTREMES FOR CURRENT YEAR.--Peak discharge 259 cubic feet per second June 9, gage height 3.54 feet; minimum daily discharge 28 cubic feet per second May 28.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	84	77	63	55	39	34	69	164	186	145	109	92
2	83	77	63	55	37	53	69	166	185	140	106	92
3	81	75	62	54	36	79	68	169	184	135	105	90
4	79	74	62	53	32	97	69	171	181	134	105	90
5	78	72	64	52	30	111	72	169	186	132	105	87
6	78	72	64	52	29	121	72	167	190	129	104	87
7	78	70	62	53	29	131	73	172	195	127	104	85
8	77	68	61	54	39	179	71	170	204	123	103	83
9	77	68	62	56	44	211	75	166	208	120	103	80
10	75	68	64	55	40	186	76	166	208	119	100	81
11	73	67	62	56	41	164	82	165	202	118	99	81
12	71	68	62	55	47	159	86	161	195	120	100	82
13	70	68	60	56	52	163	87	166	196	120	99	83
14	68	69	61	54	56	169	88	165	194	119	98	82
15	67	67	61	53	60	147	92	170	198	118	98	81
16	68	66	59	59	64	71	96	174	196	117	97	81
17	69	65	58	59	83	79	103	179	195	116	96	81
18	69	66	57	59	46	85	113	182	200	117	96	80
19	68	66	59	62	33	89	114	185	201	115	94	80
20	69	65	59	60	31	86	111	189	199	115	92	79
21	70	65	60	52	32	79	115	194	205	116	92	79
22	72	65	60	46	32	85	117	187	212	114	92	79
23	72	65	60	46	31	78	119	183	212	114	92	77
24	70	66	59	45	29	71	125	181	203	115	93	78
25	69	66	60	46	29	79	127	178	181	114	93	78
26	69	65	61	43	30	76	129	175	166	114	92	77
27	69	63	60	41	29	71	134	175	160	112	91	76
28	69	62	60	42	28	60	140	174	156	111	90	76
29	68	-----	59	42	29	61	144	178	154	111	92	75
30	67	-----	57	43	29	63	154	181	151	109	94	74
31	72	-----	56	-----	29	-----	159	184	-----	110	-----	75
TOTAL	2,249	1,905	1,877	1,558	1,195	3,137	3,149	5,406	5,703	3,719	2,934	2,521
MEAN	72.5	68.0	60.5	51.9	38.5	105	102	174	190	120	97.8	81.3
MAX	84	77	64	62	83	211	159	194	212	145	109	92
MIN	67	62	56	41	28	34	68	161	151	109	90	74
AC-FT	4,460	3,780	3,720	3,090	2,370	6,220	6,250	10,720	11,310	7,380	5,820	5,000
YEAR 1995	TOTAL	35,353	MEAN	96.9	MAX	212	MIN	28	AC-FT	70,120		

NORTH PLATTE RIVER BASIN

SHORT LINE CANAL from North Platte River, 00133000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916, 1920 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	9.6	9.9	31	28	13		
2				0	0	8.0	9.1	32	27	0		
3				0	0	.64	14	33	27	0		
4				0	0	.21	14	33	26	0		
5				0	0	.92	14	32	25	0		
6				0	0	2.4	12	30	25	0		
7				0	0	0	7.2	30	25	0		
8				0	0	1.8	4.6	30	26	0		
9				0	0	1.7	11	30	27	0		
10				0	0	2.1	9.1	30	24	0		
11				0	0	2.4	11	30	23	0		
12				0	0	2.3	13	29	23	0		
13				0	0	2.6	14	32	24	0		
14				0	0	1.4	19	31	24	0		
15				0	0	0	26	32	26	0		
16				0	0	0	25	32	26	0		
17				0	11	0	27	31	26	0		
18				0	12	3.5	31	31	29	0		
19				0	10	6.2	30	31	31	0		
20				0	16	7.0	30	35	29	0		
21				0	16	9.2	31	45	31	0		
22				0	16	14	31	42	33	0		
23				0	16	11	32	39	33	0		
24				0	9.9	7.3	32	36	30	0		
25				0	7.1	6.9	32	34	24	0		
26				0	11	5.5	32	30	22	0		
27				0	7.8	3.7	32	30	22	0		
28				0	5.9	7.6	31	30	22	0		
29		-----		0	6.6	16	29	30	23	0		
30		-----		0	10	13	30	29	23	0		
31		-----		-----	14	-----	30	30	-----	0	-----	
TOTAL				0	169.3	146.97	672.9	1,000	784	13		
MEAN				0	5.46	4.90	21.7	32.3	26.1	.42		
MAX				0	16	16	32	45	33	13		
MIN				0	0	0	4.6	29	22	0		
AC-FT				0	336	292	1,330	1,980	1,560	26		
YEAR 1995	MAX	45	MIN	0	AC-FT	5,530						

NORTH PLATTE RIVER BASIN

CHIMNEY ROCK CANAL from North Platte River, 00024000 - 1995

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

GAGE.--Continuous stage recorder and concrete flume

PERIOD OF RECORD.--1916 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	27	32	72	79	25		
2					0	26	32	72	79	24		
3					0	28	34	71	79	22		
4					0	20	34	73	77	19		
5					0	15	33	73	76	14		
6					0	14	32	72	76	13		
7					5.1	23	31	71	77	14		
8					14	23	30	70	75	20		
9					17	19	30	69	72	38		
10					20	25	34	71	70	38		
11					22	26	38	78	68	37		
12					19	27	42	80	68	24		
13					24	26	45	80	67	1.9		
14					26	25	46	78	67	0		
15					25	24	52	77	67	0		
16					28	24	50	77	67	0		
17					33	24	50	78	66	0		
18					34	25	52	79	67	0		
19					33	29	55	80	66	0		
20					34	31	55	80	65	0		
21					36	31	54	79	61	0		
22					34	28	50	78	52	0		
23					35	26	49	79	43	0		
24					35	29	51	81	44	0		
25					35	33	51	81	41	0		
26					35	33	55	81	33	0		
27					35	33	54	81	24	0		
28					32	33	48	82	22	0		
29		-----			30	34	57	81	23	0		
30		-----			21	33	70	80	26	0		
31		-----		-----	18	-----	72	80	-----	0	-----	
TOTAL					680.1	794	1,418	2,384	1,797	289.9		
MEAN					21.9	26.5	45.7	76.9	59.9	9.35		
MAX					36	34	72	82	79	38		
MIN					0	14	30	69	22	0		
AC-FT					1,350	1,570	2,810	4,730	3,560	575		
YEAR 1995	MAX	82	MIN	0	AC-FT	14,600						

NORTH PLATTE RIVER BASIN

BAYARD CREEK near Bayard, 06683000 - 1995

LOCATION.--SE1/4NE1/4 Sec. 5-20-52 W., Morrill County, Lat. 41° 44' 10", Long. 103° 19' 53", on right 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 right bank of stream 10 feet above concrete box flume.

DRAINAGE AREA.--No definite drainage area. This stream is a drainage canal from irrigated areas and has only a relatively small amount of surface drainage.

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. E indicates estimated daily discharge. Records good except estimated records fair.

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 230 cubic feet per second June 8, gage height 2.80 feet; minimum daily discharge 0.44 cubic feet per second April 5 & 7.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	16	26	16	2.1	.95	8.1	10	64	54	19	24	18
2	17	21	16	1.2	1.3	9.5	10	68	51	13	22	18
3	16	18	17	.50	2.7	12	20	69	46	24	22	18
4	16	20	17	.47	1.8	40	31	61	38	38	22	17
5	16	19	16	.44	.75	40	31	51	33	44	23	17E
6	16	20	16	.45	.71	33	30	54	38	46	23	17E
7	15	18	15	.44	.71	36	32	56	38	62	22	17E
8	16	18	15	.54	34 E	125	31	55	41	65	21	17E
9	16	18	16	.73	31 E	118	23	54	39	58	23	16
10	16	17	16	.70E	21 E	82	9.5	57	40	56	22	17
11	16	16	17	.71E	10 E	53	10	55	38	56	22	17
12	16	16	16	.72E	5.0	41	12	55	33	55	22	18
13	17	16	16	.71E	4.2	36	14	59	30	48	22	18
14	17	16	17	.70E	3.9	34	31	51	33	46	22	18
15	15	16	17	.70E	3.3	30	40	47	35	39	22	17
16	17	16	17	.70E	2.6	11	43	48	29	42	22	17
17	17	17	18	.71E	13	4.3	45	48	26	37	21	18
18	16	17	18	.71E	13	4.6	47	48	24	32	21	18
19	16	16	18	.72E	6.6	5.3	45	52	27	27	21	17
20	16	16	18	.73	4.5	5.5	51	54	40	27	21	17
21	16	16	17	.73	4.4	8.3	52	56	57	30	21	17
22	16	16	16	1.4	4.1	30	51	61	77	32	21	17
23	16	16	17	1.4	4.4	13	53	59	60	30	19	17
24	16	16	20	1.5	18	7.9	55	53	49	26	19	16
25	16	16	20	1.5	21	7.9	54	51	32	24	20	17
26	16	16	23	1.7	22	7.9	55	55	25	24	20	17
27	16	16	24	1.7	19	7.4	51	59	16	23	20	17
28	17	16	19	1.5	18	8.0	43	57	16	24	19	17
29	17	-----	16	.82	17	8.3	44	58	19	23	19	16
30	16	-----	15	.79	17	8.4	53	59	21	24	19	16
31	22	-----	7.1	-----	14	-----	60	60	-----	24	-----	17
TOTAL	507	485	526.1	27.72	319.92	835.4	1,136.5	1,734	1,105	1,118	637	531
MEAN	16.4	17.3	17.0	.92	10.3	27.8	36.7	55.9	36.8	36.1	21.2	17.1
MAX	22	26	24	2.1	34	125	60	69	77	65	24	18
MIN	15	16	7.1	.44	.71	4.3	9.5	47	16	13	19	16
AC-FT	1,010	962	1,040	55	635	1,660	2,250	3,440	2,190	2,220	1,260	1,050
YEAR 1995	TOTAL	8,962.64	MEAN	24.6	MAX	125	MIN	.44	AC-FT	17,780		

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Bayard Creek, 00002000 - 1995

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

GAGE.--Continuous stage recorder and metal flume

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			0	13	30	9.9	27	9.8	22	29		
2			0	14	32	12	28	10	24	24		
3			0	14	37	14	21	10	23	12		
4			0	14	32	13	8.4	9.8	26	0		
5			0	14	18	6.2	8.6	8.2	31	0		
6			0	13	20	3.8	7.6	8.6	31	0		
7			0	14	26	4.8	9.7	8.4	32	0		
8			0	20	24	18	9.4	7.8	33	0		
9			0	18	.57	4.4	8.3	7.7	33	0		
10			0	14	7.2	.14	21	7.6	33	0		
11			0	14	14	1.5	28	6.8	33	0		
12			0	14	15	2.8	33	8.2	32	0		
13			0	14	15	.77	37	20	32	0		
14			0	14	15	0	25	15	32	0		
15			0	13	15	1.7	5.6	13	33	0		
16			0	14	16	12	6.5	13	31	0		
17			0	14	30	20	7.3	13	30	0		
18			0	14	20	24	7.8	13	30	0		
19			0	14	21	26	9.1	14	31	0		
20			0	14	14	27	14	15	36	0		
21			0	16	15	31	15	15	31	0		
22			0	24	14	31	16	18	8.6	0		
23			0	26	18	24	12	18	15	0		
24			0	28	12	26	13	15	21	0		
25			0	31	9.1	26	13	14	17	0		
26			0	32	11	26	14	16	17	0		
27			0	32	7.4	24	13	18	25	0		
28			0	32	6.8	25	11	17	25	0		
29		-----	0	27	6.4	26	11	17	30	0		
30		-----	0	28	5.8	26	18	17	31	0		
31		-----	8.0	-----	6.0	-----	19	18	-----	0	-----	
TOTAL			8.0	563	513.27	467.01	477.3	401.9	828.6	65		
MEAN			.26	18.8	16.6	15.6	15.4	13.0	27.6	2.10		
MAX			8.0	32	37	31	37	20	36	29		
MIN			0	13	.57	0	5.6	6.8	8.6	0		
AC-FT			16	1,120	1,020	926	947	797	1,640	129		
YEAR 1995	MAX	37	MIN	0	AC-FT	6,590						

NORTH PLATTE RIVER BASIN

RED WILLOW CREEK near Bayard, 06684000 - 1995

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.--Records good

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 916 cubic feet per second June 8, gage height 5.80 feet; minimum daily discharge, 52 cubic feet per second March 23.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	70	71	57	59	73	59	134E	136	132	130	82	72
2	70	67	57	53	79	139	128E	153	145	127	80	72
3	69	65	57	53	62	347	122E	149	158	127	79	71
4	69	65	58	52	67	372	118E	129	169	136	80	72
5	70	65	57	52	61	329	110E	129	173	139	80	70
6	68	64	54	52	58	231	106E	130	178	127	79	71
7	68	62	54	54	60	181	100E	122	193	105	77	71
8	68	62	54	54	153	439	82	108	221	94	77	69
9	68	62	55	56	104	468	86	97	240	91	77	69
10	68	61	55	55	72	318	81	98	228	89	76	69
11	68	60	55	54	82	285	86	93	240	88	76	69
12	68	59	55	54	81	244	91	91	269	86	76	71
13	68	59	54	54E	74	211	81	94	260	83	76	71
14	69	59	54	55E	65	203	85	94	227	84	76	70
15	69	59	54	56E	64	183	99	92	215	91	75	69
16	69	58	54	57E	56	181	92	92	209	90	75	68
17	68	60	53	58E	68	191	93	88	229	88	74	67
18	66	61	54	59E	62	171	103	86	226	92	74	66
19	66	61	54	60E	68	168	116	89	224	90	73	65
20	66	61	54	61E	69	169	121	106	257	89	72	64
21	65	62	54	62E	70	168	130	116	317	88	73	64
22	65	62	53	63	63	199	136	100	288	86	73	63
23	64	60	52	76	65	170	138	94	218	85	72	63
24	64	61	52	77	67	175	139	91	184	83	72	61
25	64	61	56	65	71	180	135	93	150	81	72	61
26	63	60	56	66	74	177	130	103	135	81	73	60
27	64	58	55	69	69	159	114	114	134	81	72	59
28	65	57	55	74	69	150	109	127	133	81	71	58
29	64	-----	55	75	68	144E	116	126	134	81	71	59
30	64	-----	54	72	67	138E	107	115	136	80	71	59
31	67	-----	55	-----	66	-----	131	119	-----	82	-----	60
TOTAL	2,074	1,722	1,696	1,807	2,227	6,549	3,419	3,374	6,022	2,955	2,254	2,053
MEAN	66.9	61.5	54.7	60.2	71.8	218	110	109	201	95.3	75.1	66.2
MAX	70	71	58	77	153	468	139	153	317	139	82	72
MIN	63	57	52	52	56	59	81	86	132	80	71	58
AC-FT	4,110	3,420	3,360	3,580	4,420	12,990	6,780	6,690	11,940	5,860	4,470	4,070
YEAR 1995	TOTAL	36,152	MEAN	99.0	MAX	468	MIN	52	AC-FT	71,710		

NORTH PLATTE RIVER BASIN

ALLIANCE CANAL from Red Willow Creek, 00003000 - 1995

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

GAGE.--Continuous stage recorder and concrete box

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	15	37	56	51	13		
2				0	0	7.6	31	55	47	12		
3				0	0	0	25	55	45	11		
4				0	0	0	25	54	43	11		
5				0	4.4	6.4	25	55	43	9.9		
6				0	5.2	15	29	55	43	9.2		
7				0	5.5	14	24	51	41	13		
8				0	4.2	1.9	31	56	42	19		
9				0	3.3	.09	35	54	27	20		
10				0	12	0	28	52	28	19		
11				0	12	0	33	48	40	19		
12				0	12	0	37	50	39	19		
13				0	12	0	43	51	36	19		
14				0	12	0	46	51	32	18		
15				0	11	0	44	51	34	14		
16				0	11	17	43	46	37	15		
17				0	13	22	44	48	40	16		
18				0	12	13	49	49	38	7.0		
19				0	13	21	43	58	32	0		
20				0	14	21	45	54	32	0		
21				0	13	20	41	41	34	0		
22				0	13	15	48	56	20	0		
23				0	16	25	50	54	17	0		
24				0	12	32	49	52	19	0		
25				0	9.7	35	50	55	17	0		
26				0	11	32	48	53	19	0		
27				0	12	30	49	49	19	0		
28				0	12	28	60	48	17	0		
29		-----		0	12	37	56	46	15	0		
30		-----		0	11	38	56	50	15	0		
31		-----		-----	11	-----	55	49	-----	0	-----	
TOTAL				0	289.3	445.99	1,279	1,602	962	264.1		
MEAN				0	9.33	14.9	41.3	51.7	32.1	8.52		
MAX				0	16	38	60	58	51	20		
MIN				0	0	0	24	41	15	0		
AC-FT				0	574	885	2,540	3,180	1,910	524		
YEAR 1995	MAX	60	MIN	0	AC-FT	9,600						

NORTH PLATTE RIVER BASIN

BELMONT CANAL from North Platte River, 00009000 - 1995

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.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	30	21	73	115	90	76		
2				0	30	17	73	116	91	73		
3				0	30	16	75	115	92	42		
4				0	30	16	77	119	93	34		
5				0	30	14	77	123	95	47		
6				0	30	11	76	123	95	48		
7				0	29	21	84	124	95	48		
8				0	29	28	91	125	95	47		
9				0	30	27	85	123	95	46		
10				0	30	21	88	120	96	44		
11				0	30	19	94	116	96	14		
12				0	30	19	104	107	95	0		
13				0	29	24	105	105	95	0		
14				0	28	31	105	105	93	0		
15				0	28	35	107	104	91	0		
16				0	22	34	107	104	91	0		
17				56	20	31	107	104	90	0		
18				42	21	29	112	104	90	0		
19				47	21	39	113	104	93	0		
20				47	21	49	111	104	90	0		
21				47	20	48	108	104	84	0		
22				39	19	46	106	104	84	0		
23				35	18	51	106	104	84	0		
24				33	18	51	107	107	82	0		
25				31	18	61	109	107	80	0		
26				30	19	68	110	107	78	0		
27				30	19	73	111	97	82	0		
28				30	19	65	112	87	81	0		
29				30	19	59	111	88	81	0		
30		-----		30	18	69	113	88	78	0		
31		-----		-----	22	-----	116	90	-----	0	-----	
TOTAL				527	757	1,093	3,073	3,343	2,675	519		
MEAN				17.6	24.4	36.4	99.1	108	89.2	16.7		
MAX				56	30	73	116	125	96	76		
MIN				0	18	11	73	87	78	0		
AC-FT				1,050	1,500	2,170	6,100	6,630	5,310	1,030		
YEAR 1995	MAX	125	MIN	0	AC-FT	23,780						

NORTH PLATTE RIVER BASIN

EMPIRE CANAL from North Platte River, 00039000 - 1995

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
S indicates flume submergence.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	33S	29	0		
2					0	0	0	34S	29	0		
3					0	0	0	33S	29	0		
4					0	0	0	18	29	0		
5					0	0	0	11	29	0		
6					0	0	8.6	11	29	0		
7					0	0	12	11	29	0		
8					0	0	12	10	29	0		
9					0	0	11	22	29	0		
10					0	0	11	28	29	0		
11					0	0	11	28	29	0		
12					0	0	11	29	29	0		
13					0	0	12	29	29	0		
14					0	0	12	30	29	0		
15					0	0	15 S	30	30	0		
16					0	0	36 S	30	31S	0		
17					0	0	36 S	30	31S	0		
18					0	0	27	30	32S	0		
19					0	0	11	30	38S	0		
20					0	0	10	30	40S	0		
21					0	0	11	30	23S	0		
22					0	17	11	31	0	0		
23					0	32S	11	33S	0	0		
24					0	13S	12	33S	0	0		
25					0	0	12	33S	0	0		
26					0	0	12	32S	0	0		
27					0	0	11	30	0	0		
28					0	0	11	29	0	0		
29		-----			0	0	11	29	0	0		
30		-----			0	0	11	29	0	0		
31		-----		-----	0	-----	25 S	29	-----	0	-----	
TOTAL					0	62	373.6	845	631	0		
MEAN					0	2.07	12.1	27.3	21.0	0		
MAX					0	32	36	34	40	0		
MIN					0	0	0	10	0	0		
AC-FT					0	123	741	1,680	1,250	0		
YEAR 1995	MAX	40	MIN	0	AC-FT	3,790						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Bridgeport, 06684500 - 1995

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 3,663.51 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.
 E indicates estimated daily discharge. Records good, except estimated records fair.

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 7,270 cubic feet per second June 13, combined flow for both channels; minimum daily discharge 537 cubic feet per second July 30, combined flow for both channels.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	872	1,110	927	745	713	4,120	3,070	649E	792	1,710	1,160	1,030
2	852	1,120	904	731	706	3,530	2,880	711E	842	1,690	1,120	1,030
3	885	1,090	879	710	688	3,850	2,880	714	902	1,680	1,110	1,020
4	904	1,090	865	701	678	4,160	2,790	667	914	1,680	1,120	1,020
5	906	1,060	831	704	665	4,910E	2,590	646	899	1,650	1,130	1,010
6	928	1,010	812	699	659	4,770E	2,330	674	908	1,580	1,140	1,040
7	1,020E	976	806	678	638	4,920	2,030	738	900	1,540	1,140	1,050
8	1,160E	945	804	672	768	5,670	1,690	713	967	1,480	1,130	1,020
9	1,260	957	816	687	994	5,800	1,360	669	1,080	1,440	1,130	972
10	1,020	985	814	676	939	5,890	1,130	697	1,150	1,470	1,130	987
11	977	970	807	694	896	6,120	1,050	658	1,160	1,420	1,110	1,030
12	947	964	791	699	849	6,150	961	673	1,180	1,400	1,100	1,050
13	944	1,030	756	715	809	6,090	904	698	1,200	1,370	1,100	1,070
14	958	1,050	733	687	794	6,100	892	668	1,230	1,360	1,110	1,080
15	975	1,090	712	669	812	5,960	1,010	678	1,300	1,370	1,100	1,070
16	980	1,090	707	691	796	5,800	955	640	1,320	1,370	1,100	1,070
17	968	996	715	624	1,010	5,390	905	663	1,310	1,350	1,090	1,060
18	951	987	719	667	1,110	5,290	885	678	1,380	1,320	1,090	1,050
19	973	998	738	668	893	5,330	1,030	674	1,510	1,270	1,090	1,050
20	967	989	758	653	901	5,400	1,060	693	1,690	1,260	1,070	1,040
21	983	973	767	644	976	5,320	1,010	740	1,950	1,270	1,060	1,020
22	988	941	774	635	931	5,390	944	716	2,120	1,260	1,070	1,000
23	976	926	769	676	937	5,170	863	675	2,120	1,240	1,080	984
24	963	903	773	674	980	4,820	768	692	2,130	1,230	1,080	965
25	954	903	763	675	999	4,680	765	700	2,050	1,230	1,080	963
26	963	895	741	696	1,210	4,260	692	730	1,810	1,230	1,080	969
27	984	880	709	708	1,630	4,030	637	773	1,660	1,200	1,070	991
28	1,020	903	721	709	2,250	3,840E	604	852E	1,590	1,190	1,050	985
29	1,050	-----	755	694	2,930	3,630	600	793E	1,620	1,170	1,060	990
30	1,050	-----	767	713	3,600	3,380	537	745	1,730	1,170	1,050	993
31	1,050	-----	760	-----	4,270	-----	583	754	-----	1,170	-----	993
TOTAL	30,428	27,831	24,193	20,594	37,031	149,770	40,405	21,771	41,414	42,770	32,950	31,602
MEAN	982	994	780	686	1,195	4,992	1,303	702	1,380	1,380	1,098	1,019
MAX	1,260	1,120	927	745	4,270	6,150	3,070	852	2,130	1,710	1,160	1,080
MIN	852	880	707	624	638	3,380	537	640	792	1,170	1,050	963
AC-FT	60,350	55,200	47,990	40,850	73,450	297,100	80,140	43,180	82,140	84,830	65,360	62,680
YEAR 1995	TOTAL	500,759	MEAN	1,372	MAX	6,150	MIN	537	AC-FT	993,300		

NORTH PLATTE RIVER BASIN

BROWNS CREEK CANAL from North Platte River, 00019000 - 1995

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

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

PERIOD OF RECORD.--1916 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	23	41	68	67	22		
2				0	0	23	33	63	59	21		
3				0	0	24	46	64	61	21		
4				0	0	23	53	69	64	21		
5				0	0	23	54	69	61	15		
6				0	0	23	65	70	59	0		
7				0	0	23	74	71	51	0		
8				0	0	23	74	70	48	0		
9				0	0	28	55	71	40	0		
10				0	0	0	51	71	40	0		
11				0	0	0	71	67	39	0		
12				0	0	0	75	67	38	0		
13				0	0	0	77	70	36	0		
14				0	0	0	92	70	29	0		
15				0	0	0	104	72	28	0		
16				0	0	0	88	74	27	0		
17				0	0	0	83	79	26	0		
18				0	0	0	80	82	26	0		
19				0	0	0	76	76	26	0		
20				0	0	0	51	74	24	0		
21				0	0	0	55	69	22	0		
22				0	0	0	65	66	21	0		
23				0	0	0	67	65	23	0		
24				0	33	0	64	66	25	0		
25				0	41	0	57	67	21	0		
26				0	36	0	60	67	20	0		
27				0	23	0	64	67	20	0		
28				0	26	0	65	63	22	0		
29		-----		0	25	0	68	58	23	0		
30		-----		0	24	5.7	70	59	23	0		
31		-----		-----	23	-----	69	66	-----	0	-----	
TOTAL				0	231	218.7	2,047	2,130	1,069	100		
MEAN				0	7.45	7.29	66.0	68.7	35.6	3.23		
MAX				0	41	28	104	82	67	22		
MIN				0	0	0	33	58	20	0		
AC-FT				0	458	434	4,060	4,220	2,120	198		
YEAR 1995	MAX	104	MIN	0	AC-FT	11,500						

NORTH PLATTE RIVER BASIN

COURTHOUSE ROCK CANAL from Pumpkin Creek, 00030000 - 1995

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

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	4.7	3.9	0		
2					0	0	0	4.6	3.8	0		
3					0	0	0	4.6	3.8	0		
4					0	0	0	4.6	3.7	0		
5					0	0	0	4.6	3.8E	0		
6					0	0	0	4.5	3.7E	0		
7					0	0	0	4.6	3.8E	0		
8					0	0	0	4.6	3.9E	0		
9					0	0	0	4.6	3.9	0		
10					0	0	0	4.6	4.0	0		
11					0	0	2.0	4.4	4.0	0		
12					0	0	4.4	4.5	3.8	0		
13					0	0	4.3	4.5	3.6	0		
14					0	0	4.4	4.5	3.5	0		
15					0	0	4.8	4.3	3.4	0		
16					0	0	4.4	3.9	3.2	0		
17					0	0	4.4	3.8	3.4	0		
18					0	0	4.8	3.9	3.6	0		
19					0	0	4.5	4.0	3.8	0		
20					0	0	4.6	4.3	3.1	0		
21					0	0	4.8	4.5	0	0		
22					0	0	4.8	4.0	0	0		
23					0	0	4.9	3.6	0	0		
24					0	0	5.0	3.3	0	0		
25					0	0	5.0	3.4	0	0		
26					0	0	4.8	3.8	0	0		
27					0	0	4.7	4.0	0	0		
28					0	0	4.4	4.1	0	0		
29					0	0	4.1	4.5	0	0		
30		-----			0	0	3.9	4.0	0	0		
31		-----		-----	0	-----	4.8	3.9	-----	0	-----	
TOTAL					0	0	93.8	131.2	73.7	0		
MEAN					0	0	3.03	4.23	2.46	0		
MAX					0	0	5.0	4.7	4.0	0		
MIN					0	0	0	3.3	0	0		
AC-FT					0	0	186	260	146	0		
YEAR 1995	MAX	5.0	MIN	0	AC-FT	592						

NORTH PLATTE RIVER BASIN

LAST CHANCE CANAL from Pumpkin Creek, 00080000 - 1995

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

GAGE.--Continuous stage recorder

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	.80	0	0	0	0
18	0	0	0	0	0	0	0	.53	0	0	0	0
19	0	0	0	0	0	0	0	.57	0	0	0	0
20	0	0	0	0	0	0	0	.15	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-----	0	0	0	0	0	0	0	0	0	0
30	0	-----	0	0	0	0	0	0	0	0	0	0
31	0	-----	0	-----	0	-----	0	0	-----	0	-----	0
TOTAL	0	0	0	0	0	0	0	2.05	0	0	0	0
MEAN	0	0	0	0	0	0	0	.066	0	0	0	0
MAX	0	0	0	0	0	0	0	.80	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	0	0	0	0	0	4.1	0	0	0	0
YEAR 1995	MAX	.80	MIN	0	AC-FT	4.1						

NORTH PLATTE RIVER BASIN

MEREDITH-AMMER CANAL from Pumpkin Creek, 00088000 - 1995

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

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	0	2.5	1.1	0		
2					0	0	0	2.3	.63	0		
3					0	0	0	2.3	.70	0		
4					0	0	0	2.3	.50E	0		
5					0	0	0	2.0	.75E	0		
6					0	0	2.5E	1.7	1.0 E	0		
7					0	0	6.7	2.0	1.5	0		
8					0	0	6.8	2.1	1.5	0		
9					0	0	6.7	2.2	1.6	0		
10					0	0	6.2	2.2	2.1	0		
11					0	0	5.4	2.0	2.4	0		
12					0	0	4.7	2.0	2.8	0		
13					0	0	3.1	2.0	2.7	0		
14					0	0	2.5	1.7	2.9	0		
15					0	0	3.4	1.5	3.6	0		
16					0	0	4.9	1.4	2.9 E	0		
17					0	0	4.2	1.3	2.5 E	0		
18					0	0	4.8	1.3	2.0 E	0		
19					0	0	4.1	1.3	2.5	0		
20					0	0	4.2	2.1	6.5	0		
21					0	0	3.2	3.4	3.3	0		
22					0	0	2.9	1.2	0	0		
23					0	0	2.5	1.9	0	0		
24					0	0	2.6	1.8	0	0		
25					0	0	2.9	.26	0	0		
26					0	0	3.1	.99	0	0		
27					0	0	2.7	4.0	0	0		
28					0	0	2.6	4.2	0	0		
29		-----			0	0	2.4	3.4	0	0		
30		-----			0	0	2.4	3.2	0	0		
31		-----		-----	0	-----	3.4	1.6	-----	0	-----	
TOTAL					0	0	100.9	64.15	45.48	0		
MEAN					0	0	3.25	2.07	1.52	0		
MAX					0	0	6.8	4.2	6.5	0		
MIN					0	0	0	.26	0	0		
AC-FT					0	0	200	127	90	0		
YEAR 1995	MAX	6.8	MIN	0	AC-FT	418						

NORTH PLATTE RIVER BASIN

PUMPKIN CREEK near Bridgeport, 06685000 - 1995

LOCATION.--SW1/4 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.
E indicates estimated daily discharge. Records good, except estimated records 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 149 cubic feet per second June 13, gage height 2.44 feet; no flow July 22 & 23.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7.0E	9.0	10 E	13	23	31	26	.17	.17	13	9.3	7.4
2	5.0E	9.0	10 E	12	21	20	26	.31	.13	13	8.8E	8.2
3	4.0E	8.6	10 E	9.2	23	18	23	.28	.16	13	8.6E	9.1
4	4.0E	8.4	10	9.7	19	30	23	.02	.12	8.5	9.1E	9.3
5	4.0E	8.6	9.8E	11	15	31	24	.01	.14	18	9.1	9.0
6	5.0E	8.6	9.8E	11	18	21	18	.01	.17	30	8.8	9.7
7	6.0E	8.5	9.6E	11	15	18	5.9	.01	.12	29	8.8	9.5E
8	7.0E	8.8	9.8E	11	22	58	5.3	.01	.14	28	8.6	9.0E
9	9.0E	9.2	9.8E	13	26	74	3.4	.01	.09	27	8.4	8.7E
10	10 E	9.0E	11 E	12	28	59	1.3	.01	.09	26	8.4	9.0E
11	10 E	9.0E	10 E	11 E	28	40	1.1	.01	.05	26	8.4E	9.0E
12	12 E	9.0E	10 E	11 E	29	25	.72	.02	.01	24	8.7	9.2E
13	12 E	9.2E	10 E	11 E	28	71	.20	.01	.08	20	8.2	9.1E
14	11 E	9.2E	11 E	11	29	88	.01	.25	.23	20	8.1	9.0
15	11 E	9.0E	11 E	10	28	58	.11	.26	.16	7.0	7.9	8.4E
16	10 E	9.6E	10 E	12	23	57	.20	.05	.08	5.5	8.0	8.6E
17	10 E	10 E	10 E	22	17	56	.03	.07	.13	5.8	7.9	8.6
18	9.0E	11	10 E	51	20	48	.01	.09	.12	5.9	8.2	8.7
19	9.0E	11	11 E	39	23	22	.18	.06	.19	5.7	8.0	8.6E
20	10 E	11	11 E	41	23	21	.15	.27	2.9	5.8	8.0	8.4E
21	9.8E	12	11 E	39	23	19	.05	.53	12	6.5	8.0E	8.0E
22	9.8E	11	11	37	20	18	0	.43	20	6.6	8.3	8.4E
23	9.6E	9.3	11	27	24	19	0	.11	25	7.4	7.9	8.0E
24	9.4E	9.4	14	26	25	31	.01	.32	25	7.6	8.0	8.6E
25	9.4E	9.9	17	23	25	50	.01	.02	23	7.9	7.8	8.8E
26	9.2	10	17	24	27	47	.01	.03	21	7.9	8.0	9.1
27	9.2	10	16 E	24	28	35	.01	9.8	20	7.5	8.0	6.6E
28	9.3	9.8E	16 E	20	28	37	.01	1.4	17	7.8	7.8E	4.0E
29	9.6	-----	15	21	26	31	.10	1.0	15	8.0	8.1	3.6E
30	9.4E	-----	15	21	24	28	.28	.45	15	8.2	8.3	4.0E
31	9.7	-----	14	-----	23	-----	.23	.21	-----	8.8	-----	4.6E
TOTAL	269.4	267.1	360.8	593.9	731	1,161	159.32	16.23	198.28	415.4	249.5	250.2
MEAN	8.69	9.54	11.6	19.8	23.6	38.7	5.14	.52	6.61	13.4	8.32	8.07
MAX	12	12	17	51	29	88	26	9.8	25	30	9.3	9.7
MIN	4.0	8.4	9.6	9.2	15	18	0	.01	.01	5.5	7.8	3.6
AC-FT	534	530	716	1,180	1,450	2,300	316	32	393	824	495	496
YEAR 1995	TOTAL	4,672.13	MEAN	12.8	MAX	88	MIN	0	AC-FT	9,270		

NORTH PLATTE RIVER BASIN

BEERLINE CANAL from North Platte River, 00007000 - 1995

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

GAGE.--Continuous stage recorder and concrete box

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	0	0	16	11			
2				0	0	0	0	16	10			
3				0	0	0	0	16	11			
4				0	0	0	0	15	11			
5				0	0	0	0	15	10			
6				0	0	0	0	14	10			
7				0	0	0	0	14	10			
8				0	0	0	0	13	10			
9				0	0	0	0	12	10			
10				0	0	0	5.4	12	10			
11				0	0	0	17	13	11			
12				0	0	0	19	13	11			
13				0	0	0	17	14	11			
14				0	0	0	16	15	9.1			
15				0	0	0	19	15	6.9			
16				0	0	0	19	15	6.6			
17				0	0	0	18	15	6.1			
18				0	0	0	20	14	5.8			
19				0	0	0	21	15	5.7			
20				0	0	0	22	17	5.6			
21				0	0	0	22	17	5.7			
22				0	0	0	18	17	5.9			
23				0	0	0	17	16	5.9			
24				0	0	0	17	16	5.8			
25				0	0	0	17	16	5.8			
26				0	0	0	17	11	3.8			
27				0	0	0	16	9.4	2.7			
28				0	0	0	16	12	2.6			
29		-----		0	0	0	15	12	1.8			
30		-----		0	0	0	14	11	0			
31		-----		-----	0	-----	15	11	-----		-----	
TOTAL				0	0	0	377.4	437.4	221.8			
MEAN				0	0	0	12.2	14.1	7.39			
MAX				0	0	0	22	17	11			
MIN				0	0	0	0	9.4	0			
AC-FT				0	0	0	749	868	440			
YEAR 1995	MAX	22	MIN	0	AC-FT	2,060						

NORTH PLATTE RIVER BASIN

BELMONT CANAL from Cedar Creek, 00010000 - 1995

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

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	5.2	4.5E	2.2	2.7			
2					0	5.2	3.8E	2.1	1.9			
3					0	5.5	3.2E	2.2	1.8			
4					0	5.7	2.5E	2.6	2.3			
5					0	5.3	1.8E	2.9	1.9			
6					0	5.3	1.1	2.5	2.7			
7					0	6.6	1.6	1.9	2.7			
8					0	6.0	3.7	2.1	1.9			
9					0	6.6E	3.7	2.4	1.6			
10					0	7.2E	3.6	2.1	.79			
11					0	7.7E	3.7	1.9	1.2			
12					0	8.3E	3.6	1.9	2.0			
13					0	8.9E	3.5	2.1	2.3			
14					0	9.5E	3.6	1.8	2.1			
15					0	9.5	3.2	1.6	2.1			
16					0	9.4	1.7	1.0	2.4			
17					0	9.3	1.6	1.8	2.5			
18					0	9.4	2.0	2.3	2.3			
19					0	9.3	1.8	2.4	1.6			
20					0	7.7	1.9	2.2	2.3			
21					0	5.2	1.5	2.4	1.7			
22					0	4.8	1.2	2.3	.42			
23					0	5.0	2.0	2.5	0			
24					0	4.9	2.5	2.8	0			
25					0	6.0	2.3	2.8	0			
26					.16	5.5	2.1	3.0	0			
27					.52	5.7	1.8	2.7	0			
28					.40	6.4	2.1	3.3	0			
29		-----			.25	6.4	2.2	3.8	0			
30		-----			4.1	3.3	2.4	3.0	0			
31		-----	-----		5.2	-----	2.7	2.9	-----		-----	
TOTAL					10.63	200.8	78.9	73.5	43.21			
MEAN					.34	6.69	2.55	2.37	1.44			
MAX					5.2	9.5	4.5	3.8	2.7			
MIN					0	3.3	1.1	1.0	0			
AC-FT					21	398	156	146	86			
YEAR 1995	MAX	9.5	MIN	0	AC-FT	807						

NORTH PLATTE RIVER BASIN

LISCO CANAL from North Platte River, 00082000 - 1995

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

GAGE.--Continuous stage recorder and weir

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	0	20	47	49	41		
2				0	0	0	25	49	49	36		
3				0	0	0	22	45	49	34		
4				0	0	0	26	48	53	34		
5				0	0	0	23	57	51	37		
6				0	0	0	22	52	51	30		
7				0	0	0	20	54	61	26		
8				0	0	0	26	53	55	24		
9				0	0	0	34	52	47	21		
10				0	0	0	32	47	44	22		
11				0	0	0	28	47	38	22		
12				0	0	0	29	47	35	15		
13				0	0	0	60	46	31	0		
14				0	0	0	52	45	30	0		
15				0	0	0	61	46	30	0		
16				0	0	0	38	47	42	0		
17				0	0	0	44	47	44	0		
18				0	0	0	45	44	43	0		
19				0	0	0	42	42	40	0		
20				0	0	0	37	46	38	0		
21				0	0	0	43	56	40	0		
22				0	0	21	34	42	42	0		
23				0	0	23	35	41	23	0		
24				0	0	23	41	39	18	0		
25				0	0	23	46	42	18	0		
26				0	0	24	45	49	7.9	0		
27				0	0	19	44	54	17	0		
28				0	0	18	55	47	50	0		
29		-----		0	0	14	54	40	42	0		
30		-----		0	0	20	51	42	44	0		
31		-----	-----	0	0	-----	35	41	-----	0	-----	
TOTAL				0	0	185	1,169	1,454	1,181.9	342		
MEAN				0	0	6.17	37.7	46.9	39.4	11.0		
MAX				0	0	24	61	57	61	41		
MIN				0	0	0	20	39	7.9	0		
AC-FT				0	0	367	2,320	2,880	2,340	678		
YEAR 1995	MAX	61	MIN	0	AC-FT	8,590						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at Lisco, 06686000 - 1995

LOCATION.--SW1/4NE1/4 Sec. 33-18-46 W., Garden County, Lat. 41° 29' 24", Long. 102° 37' 04", 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
E indicates estimated daily discharge. Record good except estimated record 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 6,220 cubic feet per second June 15, gage height 4.01 feet; minimum daily discharge 331 cubic feet per second estimated January 6 and 7.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	916	1,120	940E	835	938	3,510	2,810	681	688	1,820	1,380	1,130
2	960	1,130	920E	816	930	3,390	2,660	692	735	1,800	1,320	1,080
3	840E	1,110	900E	812	928	3,360	2,620	714	781	1,830	1,260	1,080
4	700E	1,080	875	794	916	3,970	2,700	698	827	1,880	1,280	1,100
5	580E	1,040	872	811	913	4,280	2,660	708	834	1,900	1,280	1,100
6	440E	1,030	880E	817	915	4,490	2,480	695	823	1,800	1,250	1,090
7	440E	1,010	888	826	904	4,390	2,190	710	856	1,720	1,240	1,090
8	450E	1,010	869	828	1,070	4,940	1,870	684	946	1,660	1,240	1,090
9	450E	1,020	901	935	1,320	5,660	1,540	646	1,010	1,590	1,260	1,030
10	460E	1,020	907	915	1,320	5,840	1,280	621	1,120	1,580	1,260	1,060
11	460E	1,000E	891	852	1,210	5,770	1,100	583	1,210	1,600	1,270	1,040E
12	470E	980E	890	868	1,160	5,820	991	561	1,230	1,580	1,290	1,060E
13	470E	900E	838	923	1,090	5,930	867	557	1,230	1,570	1,230	1,080E
14	480E	800E	830	906	1,030	6,010	819	558	1,240	1,580	1,220	1,110
15	480E	880E	848	867	1,030	6,030	987	559	1,220	1,580	1,190	1,120
16	490E	920E	852	929	1,040	5,640	989	538	1,200	1,570	1,170	1,110
17	490E	940E	859	977	1,030	5,250	929	516	1,190	1,580	1,150	1,090
18	500E	960E	900	944	1,330	4,810	898	507	1,200	1,530	1,160	1,090
19	500E	980E	921	985	1,230	4,650	958	497	1,290	1,500	1,160	1,090
20	580E	979	911	979	1,130	4,590	1,170	503	1,570	1,480	1,140	1,080
21	660E	965	888	928	1,100	4,560	1,170	699	1,720	1,480	1,150	1,090
22	740E	947	864	933	1,110	4,550	1,100	721	2,020	1,460	1,140	1,080
23	820E	954	834	934	1,100	4,560	985	673	2,170	1,510	1,120	1,080
24	900E	939	828	929	1,110	4,420	894	660	2,200	1,510	1,110	1,050
25	980E	964	814	942	1,100	4,190	859	648	2,250	1,450	1,120	1,140
26	1,060E	955	806	962	1,170	3,980	831	661	2,100	1,420	1,140	1,130
27	1,140E	943	789	949	1,480	3,570	780	661	1,890	1,400	1,140	1,080
28	1,150	957	793	982	1,760	3,520	701	690	1,720	1,360	1,150	1,070
29	1,130	-----	811	965	2,120	3,170	642	711	1,660	1,340	1,140	1,070
30	1,130	-----	845	938	2,510	3,060	597	714	1,770	1,330	1,150	1,050
31	1,100	-----	845	-----	3,130	-----	632	689	-----	1,360	-----	1,090
TOTAL	21,966	27,533	26,809	27,081	39,124	137,910	41,709	19,755	40,700	48,770	36,110	33,650
MEAN	709	983	865	903	1,262	4,597	1,345	637	1,357	1,573	1,204	1,085
MAX	1,150	1,130	940	985	3,130	6,030	2,810	721	2,250	1,900	1,380	1,140
MIN	440	800	789	794	904	3,060	597	497	688	1,330	1,110	1,030
AC-FT	43,570	54,610	53,180	53,720	77,600	273,500	82,730	39,180	80,730	96,740	71,620	66,740
YEAR 1995	TOTAL	501,117	MEAN	1,373	MAX	6,030	MIN	440	AC-FT	994,000		

NORTH PLATTE RIVER BASIN

MIDLAND-OVERLAND CANAL from North Platte River, 00098000 - 1995

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

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

PERIOD OF RECORD.--1924 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	1.5	0	18	11	0		
2					0	0	0	19	8.7	0		
3					0	0	0	19	9.9	0		
4					0	.20	0	13	13	0		
5					0	.25	0	10	15	0		
6					0	.01	0	9.3	15	0		
7					0	0	.01	15	14	0		
8					0	0	7.1	16	15	0		
9					.13	.15	5.0	9.3	15	0		
10					0	.20	.41	6.3	16	0		
11					0	.03	7.3	4.6	19	0		
12					0	.01	15	3.7	19	0		
13					0	0	19	3.6	17	0		
14					0	0	12	9.0	18	0		
15					0	0	14	4.5	15	0		
16					0	0	1.0	3.6	2.0	0		
17					0	0	.59	1.9	3.3	0		
18					0	0	1.0	4.0	9.3	0		
19					0	0	6.9	5.9	11	0		
20					0	0	8.2	6.9	6.6	0		
21					0	0	11	12	1.0	0		
22					0	0	9.4	16	.93	0		
23					0	0	10	16	.78	0		
24					0	0	10	9.4	.62	0		
25					0	0	9.8	5.7	6.5	0		
26					0	0	17	6.2	11	0		
27					.14	0	20	6.6	8.2	0		
28					.65	0	19	3.6	3.2	0		
29		-----			1.8	0	18	1.9	.55	0		
30		-----			5.5	0	16	7.3	.07	0		
31		-----		-----	7.1	-----	17	11	-----	0	-----	
TOTAL					15.32	2.35	254.71	278.3	285.65	0		
MEAN					.49	.078	8.22	8.98	9.52	0		
MAX					7.1	1.5	20	19	19	0		
MIN					0	0	0	1.9	.07	0		
AC-FT					30	4.7	505	552	567	0		
YEAR 1995	MAX	20	MIN	0	AC-FT	1,660						

NORTH PLATTE RIVER BASIN

PAISLEY CANAL from Blue Creek, 00120000 - 1995

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

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

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	0	19	15	8.2	18		
2				0	0	0	19	14	8.3	17		
3				0	0	0	18	14	7.0	17		
4				0	0	0	18	12	6.9	17		
5				0	0	0	15	10	7.4	18		
6				0	0	0	15	5.3	8.3	17		
7				0	0	0	14	7.9	8.2	17		
8				0	0	0	14	10	8.6	17		
9				0	0	0	15	10	9.8	16		
10				0	0	0	14	8.1	10	16		
11				0	0	0	11	.45	10	16		
12				0	0	0	9.6	.42	11	15		
13				0	0	0	6.6	.42	13	13		
14				0	0	0	7.1	6.2	13	11		
15				0	0	0	11	13	15	10		
16				0	0	0	11	13	15	10		
17				0	0	0	10	13	16	10		
18				0	0	0	10	12	17	9.6		
19				0	0	0	11	12	17	5.7		
20				0	0	0	11	12	20	1.2		
21				0	0	0	11	12	20	0		
22				0	0	.04	12	13	18	0		
23				0	0	.68	13	14	18	0		
24				0	0	.68	12	14	17	0		
25				0	0	.70	12	14	17	0		
26				0	0	8.4	12	14	17	0		
27				0	0	15	10	13	17	0		
28				0	0	19	9.6	13	17	0		
29				0	0	19	11	13	18	0		
30		-----		0	0	19	11	9.5	18	0		
31		-----		-----	0	-----	14	9.2	-----	0	-----	
TOTAL				0	0	82.50	386.9	327.49	406.7	271.5		
MEAN				0	0	2.75	12.5	10.6	13.6	8.76		
MAX				0	0	19	19	15	20	18		
MIN				0	0	0	6.6	.42	6.9	0		
AC-FT				0	0	164	767	650	807	539		
YEAR 1995	MAX	20	MIN	0	AC-FT	2,930						

NORTH PLATTE RIVER BASIN

BLUE CREEK CANAL from Blue Creek, 00017000 - 1995

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

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

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

REMARKS.--Total diversion from Blue Creek for both Blue Creek Canal and Hooper Canal. Deliveries to Hooper Canal shown seperately in this report.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	0	6.1	46	46	20		
2				0	0	0	11	46	45	19		
3				0	0	0	16	44	44	19		
4				0	0	0	26	34	44	19		
5				0	0	0	27	36	43	19		
6				0	0	0	29	35	45	15		
7				0	0	0	39	42	45	13		
8				0	0	0	43	44	43	12		
9				0	0	0	45	49	41	14		
10				0	0	0	48	50	41	16		
11				0	0	0	49	50	42	16		
12				0	0	0	50	49	43	16		
13				0	0	0	50	51	41	16		
14				0	0	0	53	47	38	16		
15				0	0	0	34	54	38	16		
16				0	0	0	43	54	38	13		
17				0	0	0	43	52	37	11		
18				0	0	0	45	50	37	4.3		
19				0	0	0	41	50	38	0		
20				0	0	14	31	50	43	0		
21				0	0	9.1	31	49	36	0		
22				0	0	13	32	49	31	0		
23				0	0	8.7	32	46	29	0		
24				0	0	5.3	41	45	28	0		
25				0	0	5.1	44	46	27	0		
26				0	0	4.8	46	44	27	0		
27				0	0	4.6	46	42	25	0		
28				0	0	5.3	46	44	21	0		
29		-----		0	0	5.6	46	46	19	0		
30		-----		0	0	5.2	46	46	21	0		
31		-----		-----	0	-----	46	45	-----	0	-----	
TOTAL				0	0	80.7	1,185.1	1,435	1,096	274.3		
MEAN				0	0	2.69	38.2	46.3	36.5	8.85		
MAX				0	0	14	53	54	46	20		
MIN				0	0	0	6.1	34	19	0		
AC-FT				0	0	160	2,350	2,850	2,170	544		
YEAR 1995	MAX	54	MIN	0	AC-FT	8,080						

NORTH PLATTE RIVER BASIN

HOOPER CANAL from Blue Creek, 00067000 - 1995

LOCATION.--SE1/4SW1/4 Sec. 6-16-42 W. near Lewellen

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

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	0	0	7.6	5.1	3.4		
2				0	0	0	0	9.1	2.3	3.8		
3				0	0	0	0	9.9	2.6	4.0		
4				0	0	0	0	7.1	3.0	4.0		
5				0	0	0	0	6.5	2.8	3.9		
6				0	0	0	0	3.3	2.3	3.8		
7				0	0	0	2.7	4.6	2.3	3.2		
8				0	0	0	5.3	8.5	2.3	2.6		
9				0	0	0	5.5	10	2.3	6.4		
10				0	0	0	9.7	11	2.4	9.5		
11				0	0	0	12	11	2.5	9.2		
12				0	0	0	12	10	2.5	9.2		
13				0	0	0	11	9.5	3.0	12		
14				0	0	0	12	9.4	4.2	8.6		
15				0	0	0	9.2	10	3.8	9.6		
16				0	0	0	18	10	2.8	6.4		
17				0	0	0	16	10	2.7	2.4		
18				0	0	0	9.7	9.4	2.9	0		
19				0	0	0	8.4	9.2	2.4	0		
20				0	0	0	7.6	9.4	2.4	0		
21				0	0	0	7.2	9.5	2.4	0		
22				0	0	0	5.7	8.6	2.4	0		
23				0	0	0	5.9	3.6	2.5	0		
24				0	0	0	9.5	1.6	2.5	0		
25				0	0	0	11	4.0	2.5	0		
26				0	0	0	11	3.7	2.5	0		
27				0	0	0	10	3.1	2.5	0		
28				0	0	0	8.3	9.6	2.5	0		
29		-----		0	0	0	8.3	11	2.5	0		
30		-----		0	0	0	8.2	11	2.8	0		
31		-----		-----	.03	-----	7.9	9.6	-----	0	-----	
TOTAL				0	0.03	0	232.1	250.8	81.7	102.0		
MEAN				0	.001	0	7.49	8.09	2.72	3.29		
MAX				0	.03	0	18	11	5.1	12		
MIN				0	0	0	0	1.6	2.3	0		
AC-FT				0	.06	0	460	497	162	202		
YEAR 1995	MAX	18	MIN	0	AC-FT	1,320						

NORTH PLATTE RIVER BASIN

UNION CANAL from Blue Creek, 00146000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	0	0	13	14	.51		
2				0	0	0	0	13	14	.86		
3				0	0	0	0	11	13	2.1		
4				0	0	0	0	12	13	2.1		
5				0	0	0	0	13	14	2.1		
6				0	0	0	4.3	18	13	1.1		
7				0	0	0	8.2	11	13	0		
8				0	0	0	12	11	14	0		
9				0	0	0	14	8.1	15	0		
10				0	0	0	15	11	15	0		
11				0	0	0	14	13	12	0		
12				0	0	0	14	13	8.7	0		
13				0	0	0	15	13	8.2	0		
14				0	0	0	14	12	11	0		
15				0	0	0	13	12	12	0		
16				0	0	0	14	12	12	0		
17				0	0	0	14	12	9.6	0		
18				0	0	0	13	14	9.5	0		
19				0	0	0	14	14	9.5	0		
20				0	0	0	14	14	9.7	0		
21				0	0	0	11	14	9.7	0		
22				0	0	0	11	13	8.9	0		
23				0	0	0	10	14	7.8	0		
24				0	0	0	9.5	14	7.9	0		
25				0	0	0	12	14	4.6	0		
26				0	0	0	11	14	.31	0		
27				0	0	0	12	14	0	0		
28				0	0	0	9.8	8.3	1.4	0		
29		-----		0	0	0	9.1	.67	1.3	0		
30		-----		0	0	0	11	11	1.3	0		
31		-----		-----	0	-----	15	14	-----	0	-----	
TOTAL				0	0	0	313.9	381.07	283.41	8.77		
MEAN				0	0	0	10.1	12.3	9.45	.28		
MAX				0	0	0	15	18	15	2.1		
MIN				0	0	0	0	.67	0	0		
AC-FT				0	0	0	623	756	562	17		
YEAR 1995	MAX	18	MIN	0	AC-FT	1,960						

NORTH PLATTE RIVER BASIN

GRAF CANAL from Blue Creek, 00060000 - 1995

LOCATION.--SW1/4SE1/4 Sec. 19-16-42 W. near Lewellen

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

PERIOD OF RECORD.--1917 - 1919, 1921 - 1925, 1927, 1930 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	0	0	.12	8.0	9.6		
2				0	0	0	0	4.7	8.5	8.8		
3				0	0	0	0	11	9.0	8.0		
4				0	0	0	0	7.3	9.0	8.0		
5				0	0	0	0	5.5	9.0	7.3		
6				0	0	0	0	5.9	8.7	6.5		
7				0	0	0	3.0	5.3	8.5	6.4		
8				0	0	0	1.9	5.1	8.7	6.2		
9				0	0	0	3.6	5.0	9.1	6.1		
10				0	0	0	5.7	6.3	9.0	6.0		
11				0	0	0	8.2	8.3	9.1	5.9		
12				0	0	0	7.3	8.2	9.1	5.5		
13				0	0	0	8.4	8.1	9.0	4.6		
14				0	0	0	9.8	7.9	8.9	4.1		
15				0	0	0	8.8	6.2	8.9	3.8		
16				0	0	0	7.2	6.5	8.8	5.0		
17				0	0	0	9.9	8.7	8.8	6.7		
18				0	0	0	10	10	8.8	6.6		
19				0	0	0	11	11	8.8	6.4		
20				0	0	0	11	11	9.1	6.6		
21				0	0	0	11	10	9.6	5.6		
22				0	0	0	11	10	9.7	5.9		
23				0	0	0	12	11	9.8	6.9		
24				0	0	0	11	11	9.7	7.0		
25				0	0	0	10	10	9.9	4.0		
26				0	0	0	9.6	10	10	0		
27				0	0	0	9.6	11	8.6	0		
28				0	0	0	10	9.4	8.6	0		
29		-----		0	0	0	10	9.6	9.5	0		
30		-----		0	0	0	9.9	8.7	9.6	0		
31		-----		-----	0	-----	3.9	8.1	-----	0	-----	
TOTAL				0	0	0	213.8	250.92	271.8	157.5		
MEAN				0	0	0	6.90	8.09	9.06	5.08		
MAX				0	0	0	12	11	10	9.6		
MIN				0	0	0	0	.12	8.0	0		
AC-FT				0	0	0	424	498	539	312		
YEAR 1995	MAX	12	MIN	0	AC-FT	1,770						

NORTH PLATTE RIVER BASIN

BLUE CREEK near Lewellen, 06687000 - 1995

LOCATION.--NE1/4 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.
E indicates estimated daily discharge. Records good except estimated records 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 177 cubic feet per second May 28, gage height 4.51 feet; maximum gage height 5.89 feet December 24 due to backwater from ice; minimum daily discharge 0.28 cubic feet per second August 17.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	84	95	93	92	102	91	54	25	1.9	45	98	87
2	78E	96	91	91	97	89	48	18	6.8	46	96	86
3	72E	95	90	90	95	86	45	10	11	42	91	83
4	78E	93	94	89	95	99	33	34	11	43	90	84
5	80E	92	92	87	94	111	32	34	11	51	93	83
6	78E	90	89	88	93	103	28	53	5.6	61	95	84
7	80E	89	88E	88	95	95	18	37	2.9	58	93	85
8	80E	88	92	88	110	99	9.0	34	6.4	59	94	84E
9	84E	89	92	93	143	112	3.4	27	9.6	55	93	80E
10	90E	89	98	95	117	124	2.3	16	8.9	53	89	80E
11	96E	78	98	94	102	111	1.8	22	12	54	87	88E
12	100E	97	95	94	109	99	.40	21	15	56	90	100E
13	101	86E	93	103	112	92	.80E	21	15	55	92	100E
14	103	86E	92	100	102	92	.75	18	15	55	92	99
15	103	90E	91	95	96	91	37	7.4	14	59	93	100
16	103	94E	90	97	94	89	27	3.8	14	61	92	100
17	98	94E	92	99	93	87	23	.28	14	62	92	100
18	95	95	100	106	91	86	17	2.4	14	67	91	99
19	94	98	96	115	92	87	15	2.4	14	76	90	99
20	96	101	96	119	96	72	23	1.6	16	79	89	99
21	95	102	93	111	95	77	27	1.4	23	82	88	99
22	93	101	91	102	94	71	28	1.4	25	86	89	98E
23	92	98	89	96	95	82	36	2.3	26	84	89	92E
24	89	98	86	94	94	84	25	3.4	26	88	89	94E
25	90	97	87	92	95	84	18	.64	28	100	89	98E
26	91	98	95	92	97	76	13	.84	33	103	88	99
27	92	96	94	90	118	64	12	3.7	38	100	88	98E
28	92	93	95	90	160	64	13	7.9	40	96	84	98E
29	90	-----	95	91	111	64	12	15	45	96	84	96E
30	91	-----	92	95	97	60	8.1	6.0	46	97	87	94E
31	92	-----	92	-----	95	-----	19	1.1	-----	96	-----	100
TOTAL	2,800	2,618	2,871	2,876	3,179	2,641	629.55	431.56	548.1	2,165	2,715	2,886
MEAN	90.3	93.5	92.6	95.9	103	88.0	20.3	13.9	18.3	69.8	90.5	93.1
MAX	103	102	100	119	160	124	54	53	46	103	98	100
MIN	72	78	86	87	91	60	.40	.28	1.9	42	84	80
AC-FT	5,550	5,190	5,690	5,700	6,310	5,240	1,250	856	1,090	4,290	5,390	5,720
YEAR 1995	TOTAL	26,360.21	MEAN	72.2	MAX	160	MIN	.28	AC-FT	52,290		

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Lewellen, 06687500 - 1995

LOCATION.--SE1/4NW1/4 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
E indicates estimated daily discharge. Records good except estimated records poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 13,500 cubic feet per second June 4, 1971, at different datum; minimum daily discharge 44 cubic feet per second July 13, 1954.

EXTREMES FOR CURRENT YEAR.--Peak discharge 6,970 cubic feet per second June 14, gage height 7.69 feet; maximum gage height 8.11 feet March 5 due to backwater from ice; minimum daily discharge 549 cubic feet per second August 20.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,000E	1,250E	1,080	918	1,060	3,440	3,320	696	660	1,780	1,470	1,320
2	900E	1,250E	1,110	923	1,090	3,740	3,030	688	665	1,780	1,460	1,330
3	900E	1,170	900E	902	1,060	3,800	2,830	690	695	1,730	1,400	1,320
4	800E	1,160	960E	869	1,040	4,060	2,760	800	728	1,700	1,400	1,340
5	700E	1,150	940E	863	1,030	4,570	2,810	786	760	1,880	1,420	1,330
6	600E	1,140	920E	852	1,020	4,680	2,730	784	772	1,800	1,430	1,310
7	700E	1,120	920E	854	1,020	4,950	2,530	778	776	1,690	1,440	1,300
8	760E	1,100	920E	863	1,080	4,960	2,150	762	815	1,630	1,440	1,250E
9	800E	1,090	880E	929	1,380	5,420	1,720	762	869	1,590	1,440	1,100E
10	900E	1,090	1,000E	972	1,430	6,230	1,420	722	932	1,560	1,430	1,060E
11	940E	1,050	1,100E	982	1,350	6,860	1,230	693	1,030	1,560	1,410	1,000E
12	1,000E	1,000E	1,080	983	1,390	6,850	1,060	665	1,100	1,550	1,420	920E
13	1,100E	1,000E	1,010	1,000	1,270	6,710	988	633	1,110	1,530	1,440	980E
14	1,100E	960E	972	1,040	1,140	6,820	932	614	1,110	1,500	1,430	1,120E
15	1,200E	960E	963	1,040	1,100	6,820	1,390	595	1,110	1,500	1,430	1,140E
16	1,300E	980E	952	1,030	1,100	6,720	1,190	592	1,150	1,480	1,410	1,200E
17	1,300E	1,000E	951	1,070	1,090	6,480	1,090	573	1,180	1,480	1,380	1,250E
18	1,200E	1,000E	988	1,140	1,090	6,070	1,010	561	1,180	1,470	1,360	1,250E
19	1,100E	1,100E	981	1,160	1,360	5,650	946	552	1,200	1,460	1,360	1,250E
20	1,140E	1,100E	978	1,260	1,270	5,400	1,030	549	1,340	1,430	1,340	1,300E
21	1,200E	1,080	985	1,210	1,210	5,290	1,080	560	1,510	1,410	1,320	1,350E
22	1,220E	1,050	971	1,120	1,200	5,290	1,050	634	1,510	1,420	1,330	1,300E
23	1,220E	1,040	934	1,090	1,210	5,340	1,020	642	1,950	1,450	1,320	1,250E
24	1,220E	1,040	911	1,060	1,220	5,330	925	620	2,090	1,480	1,330	1,200E
25	1,220E	1,030	904	1,030	1,210	5,150	866	611	2,110	1,430	1,340	1,250E
26	1,220E	1,020	905	1,010	1,230	4,780	842	611	2,130	1,440	1,330	1,250E
27	1,220E	1,010	923	996	1,520	4,470	808	635	1,960	1,440	1,320	1,250E
28	1,240E	1,020	927	992	1,920	4,130	759	644	1,840	1,440	1,300	1,200E
29	1,240E	-----	910	1,020	2,030	3,930	703	663	1,750	1,430	1,300	1,200E
30	1,240E	-----	910	1,040	2,440	3,430	638	676	1,770	1,430	1,310	1,200E
31	1,250E	-----	915	-----	2,960	-----	680	663	-----	1,450	-----	1,250E
TOTAL	32,930	29,960	29,800	30,218	41,520	157,370	45,537	20,454	37,802	47,920	41,510	37,770
MEAN	1,062	1,070	961	1,007	1,339	5,246	1,469	660	1,260	1,546	1,384	1,218
MAX	1,300	1,250	1,110	1,260	2,960	6,860	3,320	800	2,130	1,880	1,470	1,350
MIN	600	960	880	852	1,020	3,430	638	549	660	1,410	1,300	920
AC-FT	65,320	59,430	59,110	59,940	82,350	312,100	90,320	40,570	74,980	95,050	82,340	74,920

YEAR 1995 TOTAL 552,791 MEAN 1,514 MAX 6,860 MIN 549 AC-FT 1,096,000

NORTH PLATTE RIVER BASIN

KINGSLEY RESERVOIR from North Platte River, 06690000 - 1995

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

GAGE.--Stage recorder

PERIOD OF RECORD.--1941 - 1988, 1990

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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,380,000	1,420,000	1,450,000	1,490,000	1,520,000	1,590,000	1,780,000	1,660,000	1,490,000	1,430,000	1,440,000	1,440,000
2	1,380,000	1,420,000	1,450,000	1,490,000	1,520,000	1,590,000	1,780,000	1,660,000	1,490,000	1,430,000	1,440,000	1,440,000
3	1,380,000	1,420,000	1,450,000	1,490,000	1,530,000	1,600,000	1,780,000	1,660,000	1,480,000	1,430,000	1,440,000	1,440,000
4	1,380,000	1,420,000	1,450,000	1,490,000	1,530,000	1,610,000	1,780,000	1,660,000	1,480,000	1,430,000	1,440,000	1,450,000
5	1,380,000	1,420,000	1,450,000	1,490,000	1,530,000	1,610,000	1,780,000	1,650,000	1,470,000	1,430,000	1,440,000	1,450,000
6	1,380,000	1,420,000	1,450,000	1,490,000	1,530,000	1,620,000	1,780,000	1,650,000	1,470,000	1,430,000	1,440,000	1,450,000
7	1,380,000	1,430,000	1,450,000	1,490,000	1,530,000	1,630,000	1,780,000	1,640,000	1,460,000	1,430,000	1,440,000	1,450,000
8	1,380,000	1,430,000	1,450,000	1,490,000	1,530,000	1,640,000	1,780,000	1,640,000	1,450,000	1,430,000	1,440,000	1,450,000
9	1,380,000	1,430,000	1,460,000	1,490,000	1,540,000	1,640,000	1,780,000	1,630,000	1,450,000	1,430,000	1,440,000	1,450,000
10	1,380,000	1,430,000	1,460,000	1,500,000	1,540,000	1,650,000	1,780,000	1,600,000	1,440,000	1,430,000	1,440,000	1,450,000
11	1,380,000	1,430,000	1,460,000	1,500,000	1,540,000	1,660,000	1,780,000	1,610,000	1,440,000	1,430,000	1,440,000	1,450,000
12	1,380,000	1,430,000	1,460,000	1,500,000	1,540,000	1,660,000	1,770,000	1,610,000	1,440,000	1,430,000	1,440,000	1,450,000
13	1,390,000	1,430,000	1,460,000	1,500,000	1,540,000	1,670,000	1,770,000	1,600,000	1,440,000	1,430,000	1,440,000	1,450,000
14	1,390,000	1,430,000	1,470,000	1,500,000	1,540,000	1,680,000	1,760,000	1,600,000	1,430,000	1,430,000	1,440,000	1,450,000
15	1,390,000	1,430,000	1,470,000	1,500,000	1,550,000	1,690,000	1,760,000	1,590,000	1,430,000	1,430,000	1,440,000	1,450,000
16	1,390,000	1,430,000	1,470,000	1,500,000	1,550,000	1,700,000	1,750,000	1,590,000	1,430,000	1,440,000	1,440,000	1,450,000
17	1,390,000	1,430,000	1,470,000	1,500,000	1,550,000	1,700,000	1,750,000	1,580,000	1,430,000	1,440,000	1,440,000	1,450,000
18	1,400,000	1,430,000	1,470,000	1,500,000	1,550,000	1,710,000	1,740,000	1,570,000	1,430,000	1,440,000	1,440,000	1,450,000
19	1,400,000	1,440,000	1,470,000	1,510,000	1,550,000	1,720,000	1,730,000	1,570,000	1,420,000	1,440,000	1,440,000	1,450,000
20	1,400,000	1,440,000	1,470,000	1,510,000	1,550,000	1,730,000	1,730,000	1,560,000	1,420,000	1,440,000	1,440,000	1,460,000
21	1,400,000	1,440,000	1,470,000	1,510,000	1,550,000	1,740,000	1,720,000	1,560,000	1,420,000	1,440,000	1,440,000	1,460,000
22	1,400,000	1,440,000	1,480,000	1,510,000	1,560,000	1,740,000	1,720,000	1,550,000	1,420,000	1,440,000	1,440,000	1,460,000
23	1,400,000	1,440,000	1,480,000	1,510,000	1,560,000	1,750,000	1,720,000	1,550,000	1,420,000	1,440,000	1,440,000	1,460,000
24	1,400,000	1,440,000	1,480,000	1,510,000	1,560,000	1,760,000	1,710,000	1,540,000	1,420,000	1,440,000	1,440,000	1,460,000
25	1,400,000	1,450,000	1,480,000	1,510,000	1,560,000	1,760,000	1,700,000	1,530,000	1,420,000	1,440,000	1,440,000	1,460,000
26	1,410,000	1,450,000	1,480,000	1,520,000	1,560,000	1,760,000	1,700,000	1,530,000	1,420,000	1,440,000	1,440,000	1,460,000
27	1,410,000	1,450,000	1,480,000	1,520,000	1,570,000	1,770,000	1,690,000	1,520,000	1,430,000	1,440,000	1,440,000	1,460,000
28	1,410,000	1,450,000	1,480,000	1,520,000	1,570,000	1,770,000	1,690,000	1,520,000	1,430,000	1,440,000	1,440,000	1,460,000
29	1,410,000	-----	1,480,000	1,520,000	1,580,000	1,770,000	1,680,000	1,510,000	1,430,000	1,440,000	1,440,000	1,460,000
30	1,410,000	-----	1,480,000	1,520,000	1,580,000	1,780,000	1,680,000	1,510,000	1,430,000	1,440,000	1,440,000	1,460,000
31	1,410,000	-----	1,480,000	-----	1,590,000	-----	1,670,000	1,500,000	-----	1,440,000	-----	1,460,000
MAX	1,410,000	1,450,000	1,480,000	1,520,000	1,590,000	1,780,000	1,780,000	1,660,000	1,490,000	1,440,000	1,440,000	1,460,000
MIN	1,380,000	1,420,000	1,450,000	1,490,000	1,520,000	1,590,000	1,670,000	1,500,000	1,420,000	1,430,000	1,440,000	1,440,000
CHANGE	30,000	34,700	35,400	36,000	65,200	191,400	-106,400	-169,700	-73,400	13,400	0	18,900

YEAR 1995

MEAN 1,511,000 MAX 1,780,000 MIN 1,380,000

NORTH PLATTE RIVER BASIN

SUTHERLAND CANAL from North Platte River and Kingsley Reservoir, 00138000 - 1995

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

GAGE.--Continuous stage recorder and concrete control section

PERIOD OF RECORD.--1936 - present

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	511	455	462	451	441	576	973	981	1,750	1,500	1,360	706
2	527	453	464	452	441	646	972	973	1,750	1,500	1,360	583
3	510	452	460	452	445	671	972	969	1,760	1,440	1,360	478
4	513	453	459	454	445	671	974	998	1,760	1,380	1,360	437
5	509	453	462	450	448	667	973	1,120	1,770	1,340	1,350	601
6	513	461	463	478	446	688	971	1,240	1,770	1,230	1,350	851
7	512	463	462	582	443	780	969	1,370	1,780	1,120	1,350	767
8	508	461	460	572	438	874	968	1,490	1,780	1,110	1,350	491
9	508	459	452	556	439	937	971	1,610	1,780	1,110	1,360	485
10	508	459	447	541	439	974	971	1,740	1,780	1,110E	1,370	492
11	508	471	446	489	437	972	970	1,750	1,770	1,110E	1,360	551
12	506	463	443	449	416	969	972	1,760	1,760	1,110E	1,360	653
13	510	465	445	432	358	969	974	1,750	1,750	1,110	1,350	815
14	508	461	441	430	322	967	981	1,760	1,760	1,050	1,350	914
15	507	455	439	434	303	967	980	1,750	1,750	948	1,340	916
16	492	453	437	436	302	967	980	1,740	1,750	865	1,340	918
17	463	451	439	441	304	971	983	1,740	1,750	806	1,240	919
18	462	449	436	440	330	976	980	1,740	1,710	817	1,140	924
19	460	451	434	444	481	949	981	1,750	1,650	864	1,140	919
20	456	450	448	440	645	960	978	1,750	1,590	966	1,150	924
21	460	449	487	438	708	961	981	1,740	1,520	1,090	1,150	924
22	461	451	441	439	712	966	979	1,740	1,470	1,200	1,150	930
23	460	452	446	441	682	967	982	1,740	1,470	1,290	1,150	930
24	458	452	451	440	658	971	980	1,730	1,490	1,330	1,150	929
25	456	451	447	437	603	971	979	1,740	1,500	1,330	1,150	928
26	461	451	455	441	498	972	977	1,740	1,500	1,330	1,150	927
27	462	459	452	440	443	969	978	1,730	1,500	1,330	1,130	983
28	464	461	454	437	435	973	981	1,730	1,500	1,340	1,030	1,050
29	463	-----	456	438	428	974	977	1,730	1,500	1,340	916	1,050
30	463	-----	455	443	426	973	978	1,730	1,490	1,350	813	1,050
31	458	-----	453	-----	471	-----	985	1,740	-----	1,350	-----	1,040
TOTAL	15,057	12,764	13,996	13,817	14,387	26,848	30,270	49,071	49,860	36,766	37,129	25,085
MEAN	486	456	451	461	464	895	976	1,583	1,662	1,186	1,238	809
MAX	527	471	487	582	712	976	985	1,760	1,780	1,500	1,370	1,050
MIN	456	449	434	430	302	576	968	969	1,470	806	813	437
AC-FT	29,870	25,320	27,760	27,410	28,540	53,250	60,040	97,330	98,900	72,930	73,650	49,760
YEAR 1995	MAX	1,780	MIN	302	AC-FT	644,700						

SOUTH PLATTE RIVER BASIN

SOUTH PLATTE SUPPLY CANAL from South Platte River, 06764900 - 1995

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

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

PERIOD OF RECORD.--1947 - present

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	50	189	125	130	222	1,050	953	993	0	509	214	321
2	25E	166	95	128	243	1,140	956	929	0	508	215	321
3	0	179	125	130	242	1,130	973	1,030	0	504	227	322
4	0	166	129	129	217	1,080	998	971	0	505	255	321
5	0	162	153	132	184	1,070	986	804	0	570	296	320
6	0	147	156	132	178	1,180	1,030	691	0	689	310	321
7	0	127	100	139	177	1,120	1,010	555	0	806	333	140
8	0	154	104	145	177	1,080	1,080	427	0	846	345	125
9	0	159	182	145	204	1,030	995	340	0	864	346	78
10	29	164	261	163	215	993	1,050	247	0	847	346	86
11	55	103	259	190	216	1,030	1,050	163	0	787	347	138
12	81	73	223	207	234	1,020	1,020	132	0	722	347	212
13	108	63	160	207	241	983	997	126	0	704	345	299
14	124	63	145	206	238	993	1,000	55	0	658	346	494
15	165	61	146	202	216	1,010	1,030	0	44	640	346	590
16	189	62	137	203	196	955	1,040	0	196	640	346	602
17	202	142	125	204	189	946	985	0	217	639	346	584
18	176	239	119	211	188	962	1,050	0	245	700	346	445
19	153	309	119	248	185	1,020	1,010	0	294	685	347	412
20	153	371	119	295	181	1,040	1,020	0	337	595	348	414
21	145	291	119	318	182	1,070	1,020	0	388	502	349	358
22	199	284	109	325	180	1,100	1,030	0	440	433	350	293
23	200	252	90	326	265	1,100	1,030	0	471	409	349	239
24	183	252	81	326	665	1,090	1,020	0	470	363	350	224
25	149	228	82	306	1,010	1,070	1,010	0	493	310	350	225
26	147	205	79	296	1,130	1,030	1,020	0	499	260	350	229
27	199	205	109	295	1,170	1,020	1,030	0	502	242	332	318
28	212	189	128	250	1,130	1,000	1,050	0	505	230	321	392
29	214	-----	129	181	1,130	1,000	1,060	0	506	229	321	425
30	159	-----	130	180	1,090	1,010	965	0	508	232	321	467
31	171	-----	130	-----	1,130	-----	946	0	-----	222	-----	476
TOTAL	3,488	5,005	4,168	6,349	13,225	31,322	31,414	7,463	6,115	16,850	9,744	10,191
MEAN	113	179	134	212	427	1,044	1,013	241	204	544	325	329
MAX	214	371	261	326	1,170	1,180	1,080	1,030	508	864	350	602
MIN	0	61	79	128	177	946	946	0	0	222	214	78
AC-FT	6,920	9,930	8,270	12,590	26,230	62,130	62,310	14,800	12,130	33,420	19,330	20,210
YEAR 1995	TOTAL	145,334	MEAN	398	MAX	1,180	MIN	0	AC-FT	288,300		

NORTH & SOUTH PLATTE RIVERS

SUTHERLAND RESERVOIR from North Platte River, 00409100 - 1995

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 prior to 1988.

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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	39,700	42,700	46,500	48,200	55,100	54,400	56,500	55,400	43,500	37,300	34,700	37,000
2	39,600	42,800	46,300	48,200	55,200	54,300	56,200	57,400	43,000	39,000	34,400	37,600
3	39,800	43,100	46,400	48,200	55,300	54,100	56,400	58,900	42,500	40,700	33,800	38,000
4	39,500	43,200	46,400	48,200	55,400	54,000	56,000	59,400	42,000	42,500	34,200	38,300
5	39,400	43,300	46,500	48,000	55,400	54,200	56,000	58,900	41,500	43,700	34,200	39,200
6	39,200	43,500	46,700	47,800	55,700	54,400	56,000	58,700	40,900	44,400	34,400	41,000
7	39,200	43,500	46,600	47,700	55,900	54,600	56,100	57,900	40,200	44,000	33,800	42,300
8	39,200	43,600	46,700	47,900	56,100	55,100	56,500	58,000	39,500	43,700	34,100	40,800
9	39,200	43,800	46,900	48,100	56,100	55,100	56,200	57,200	39,000	43,900	34,100	40,600
10	39,200	44,000	47,200	48,500	55,700	55,600	55,600	56,500	38,600	43,700	34,500	39,800
11	39,400	43,900	47,700	49,000	55,800	55,700	56,400	56,500	38,200	44,100	34,500	39,100
12	39,600	43,800	48,000	49,200	55,900	56,000	55,700	56,400	37,600	44,600	34,200	38,300
13	39,800	43,800	47,300	49,300	56,000	56,300	55,600	55,700	37,100	44,700	33,900	38,100
14	40,000	43,800	48,200	49,500	56,100	56,800	57,000	55,400	36,600	45,100	34,100	38,400
15	40,200	43,800	48,300	49,700	56,100	56,500	56,300	54,800	35,600	44,100	34,600	39,300
16	40,500	43,700	48,300	49,900	56,100	57,100	56,100	53,900	35,700	43,400	34,400	39,700
17	40,700	43,800	48,200	50,700	56,200	56,500	55,700	53,500	36,100	42,100	35,000	40,200
18	40,900	44,000	48,100	50,700	55,300	56,900	55,900	52,500	35,700	41,500	35,100	40,700
19	41,000	44,300	48,200	51,300	54,800	56,700	55,800	51,300	35,400	40,700	34,900	40,800
20	41,100	44,900	48,100	52,000	54,300	56,200	55,700	51,100	35,900	39,900	35,100	41,100
21	41,200	45,400	48,200	52,700	54,000	56,500	55,700	50,600	35,700	39,300	35,500	41,000
22	41,400	45,800	48,200	53,300	53,700	55,800	55,600	50,100	35,500	39,100	35,800	40,900
23	41,500	46,000	48,100	53,900	52,300	57,100	55,800	49,500	35,600	38,700	35,700	40,700
24	41,700	46,300	48,000	54,000	57,600	57,900	55,700	48,500	35,500	38,300	35,300	40,400
25	41,800	46,200	48,200	54,300	53,300	58,400	55,300	47,600	35,200	37,700	35,400	40,200
26	49,100	46,300	48,300	54,500	53,800	57,800	55,700	47,000	35,400	37,300	35,700	39,800
27	42,200	46,400	48,200	54,700	54,500	57,000	56,100	46,200	35,400	36,700	35,800	39,700
28	42,300	46,500	48,200	54,800	54,800	57,600	55,900	45,500	35,800	36,200	35,800	40,100
29	42,500	-----	48,200	54,700	55,300	56,900	56,000	46,600	36,100	36,000	36,100	40,400
30	42,600	-----	48,200	55,000	54,800	56,800	55,700	44,900	36,100	35,700	36,400	40,800
31	42,700	-----	48,200	-----	54,600	-----	55,800	44,200	-----	35,000	-----	41,300
MAX	49,100	46,500	48,300	55,000	57,600	58,400	57,000	59,400	43,500	45,100	36,400	42,300
MIN	39,200	42,700	46,300	47,700	52,300	54,000	55,300	44,200	35,200	35,000	33,800	37,000
YEAR 1995			MEAN	46,450	MAX	59,400	MIN	33,800				

NORTH & SOUTH PLATTE RIVERS

MALONEY RESERVOIR from North Platte River, 00405500 - 1995

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 prior to 1988.

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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	18,000	18,000	17,600	17,600	17,600	17,800	17,500	17,300	17,800	17,500	17,800	17,500
2	17,800	18,000	17,600	17,600	17,600	17,800	17,500	17,600	17,800	17,800	17,800	17,300
3	18,000	18,000	17,600	17,600	17,600	17,800	17,600	18,000	17,800	18,100	17,800	17,000
4	18,000	18,000	17,600	17,600	17,800	18,000	17,600	18,500	17,800	18,100	17,600	16,800
5	17,800	18,000	17,800	17,600	17,800	18,000	17,600	18,100	17,800	18,100	17,600	17,500
6	18,000	18,000	17,800	17,600	17,800	18,000	17,600	18,000	17,600	17,800	17,600	18,000
7	18,000	18,000	17,800	17,600	18,000	18,000	17,600	17,800	17,600	17,500	17,600	18,000
8	18,000	18,000	17,800	17,800	18,000	17,800	17,500	17,800	17,600	17,300	17,600	17,300
9	18,000	17,800	17,800	17,800	18,000	17,500	17,500	18,000	17,600	17,300	17,600	17,600
10	18,000	17,800	17,800	17,800	18,000	17,500	17,500	17,800	17,600	17,300	17,600	17,500
11	18,000	17,800	17,800	17,800	18,000	17,500	17,500	18,000	17,600	17,200	17,600	17,500
12	17,800	17,800	17,800	17,800	18,000	17,500	17,300	17,800	17,800	16,800	17,600	17,300
13	17,600	17,600	17,800	17,800	18,000	17,300	17,300	18,000	17,800	16,500	17,800	17,800
14	17,600	17,600	17,800	17,600	17,800	17,500	17,300	18,000	17,800	16,200	17,800	17,800
15	17,600	17,600	17,800	17,500	17,800	17,500	17,300	17,800	17,800	16,000	17,800	17,800
16	17,600	17,600	17,800	17,300	17,600	17,300	17,300	18,000	17,800	16,400	17,800	17,800
17	17,600	17,600	17,800	17,500	17,600	17,300	17,300	17,800	17,800	16,500	17,800	17,800
18	17,600	17,600	17,800	17,300	17,600	17,300	17,300	17,800	17,800	16,800	17,800	17,800
19	17,600	17,600	17,800	17,300	17,600	17,300	17,300	17,800	17,800	17,200	17,800	17,600
20	17,600	17,600	18,000	17,500	17,600	17,200	17,300	17,600	18,000	17,600	18,000	17,600
21	17,500	17,600	17,800	17,500	17,800	17,300	17,300	17,600	17,800	17,800	17,800	17,600
22	17,600	17,600	17,800	17,500	17,800	17,500	17,200	17,600	17,800	18,100	17,600	17,600
23	17,600	17,500	17,800	17,300	18,100	17,600	17,200	17,600	17,600	18,000	17,600	17,600
24	17,600	17,500	17,800	17,200	18,000	17,600	17,300	17,600	17,600	18,000	17,500	17,600
25	17,600	17,500	17,800	17,300	18,000	17,600	17,500	17,800	17,600	17,800	17,600	17,600
26	17,600	17,500	17,800	17,300	18,000	17,600	17,500	17,800	17,600	18,000	17,600	17,600
27	17,600	17,600	17,600	17,300	18,000	17,600	17,500	17,800	17,600	18,000	17,600	17,600
28	17,800	17,600	17,600	17,300	18,000	17,600	17,300	17,800	17,600	18,000	17,600	17,600
29	17,800	-----	17,600	17,300	18,000	17,600	17,200	17,800	17,800	17,800	17,600	17,600
30	17,800	-----	17,600	17,600	18,000	17,600	17,200	17,800	17,800	17,800	17,500	17,600
31	17,800	-----	17,600	-----	18,000	-----	17,200	17,800	-----	17,800	-----	17,600
MAX	18,000	18,000	18,000	17,800	18,100	18,000	17,600	18,500	18,000	18,100	18,000	18,000
MIN	17,500	17,500	17,600	17,200	17,600	17,200	17,200	17,300	17,600	16,000	17,500	16,800
YEAR 1995			MEAN	17,650	MAX	18,500	MIN	16,000				

NORTH & SOUTH PLATTE RIVERS

SUTHERLAND POWER RETURN to the South Platte River, 00140000 - 1995

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

GAGE.--Differential pressure recorder

PERIOD OF RECORD.--1939 - present

REMARKS.--Values furnished by Nebraska Public Power & Irrigation District.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	426	371	370	385	380	1,380	1,780	1,620	1,750	1,730	1,650	950
2	426	372	372	400	380	1,530	1,710	1,020	1,730	1,420	1,480	659
3	391	372	370	380	380	1,540	1,780	918	1,730	824	1,470	637
4	368	370	372	380	380	1,530	1,780	849	1,730	1,010	1,470	640
5	369	371	371	380	380	1,530	1,790	1,460	1,740	887	1,470	270
6	371	371	369	445	380	1,550	1,790	1,650	1,740	826	1,470	0
7	369	371	369	500	380	1,520	1,740	1,770	1,750	1,260	1,470	0
8	372	370	368	425	380	1,520	1,740	1,770	1,740	1,740	1,480	470
9	371	371	389	415	380	1,620	1,740	1,700	1,730	1,850	1,470	602
10	372	371	366	415	380	1,530	1,730	1,700	1,730	1,780	1,470	830
11	370	369	358	370	380	1,530	1,730	1,690	1,730	1,740	1,470	830
12	373	368	371	360	380	1,530	1,710	1,720	1,730	1,740	1,440	830
13	372	369	371	360	315	1,530	1,710	1,720	1,730	1,730	1,470	860
14	371	371	371	377	315	1,520	1,700	1,740	1,740	1,640	1,470	1,030
15	372	370	370	386	310	1,530	1,710	1,790	1,710	1,540	1,460	1,030
16	372	370	371	383	310	1,550	1,700	1,660	1,740	1,540	1,470	1,030
17	371	372	370	385	310	1,520	1,700	1,780	1,730	1,540	1,470	1,020
18	372	369	368	385	380	1,520	1,700	1,780	1,730	1,540	1,290	1,070
19	371	371	371	315	520	1,520	1,700	1,780	1,730	1,550	1,280	1,030
20	372	372	371	180	620	1,770	1,700	1,780	1,740	1,540	1,290	1,030
21	373	371	368	180	690	1,750	1,700	1,760	1,750	1,540	1,270	1,050
22	372	371	371	255	770	1,720	1,700	1,720	1,730	1,700	1,270	1,110
23	371	372	363	315	815	1,780	1,700	1,710	1,730	1,740	1,270	1,110
24	371	371	380	385	1,050	1,530	1,700	1,690	1,730	1,730	1,270	1,110
25	373	371	375	380	1,260	1,530	1,700	1,700	1,730	1,730	1,270	1,110
26	370	372	382	380	1,130	1,530	1,700	1,720	1,730	1,700	1,270	1,110
27	373	372	383	380	1,130	1,750	1,630	1,720	1,730	1,700	1,270	1,110
28	372	372	382	380	1,130	1,730	1,630	1,720	1,720	1,700	1,210	1,110
29	372	-----	384	380	1,130	1,730	1,630	1,710	1,730	1,770	1,140	1,110
30	371	-----	384	380	1,130	1,780	1,620	1,690	1,730	1,700	1,080	1,110
31	373	-----	381	-----	1,250	-----	1,620	1,730	-----	1,700	-----	1,110
TOTAL	11,642	10,383	11,561	11,041	19,125	47,600	52,970	50,767	51,990	48,137	41,330	26,968
MEAN	376	371	373	368	617	1,587	1,709	1,638	1,733	1,553	1,378	870
MAX	426	372	389	500	1,260	1,780	1,790	1,790	1,750	1,850	1,650	1,110
MIN	368	368	358	180	310	1,380	1,620	849	1,710	824	1,080	0
AC-FT	23,090	20,590	22,930	21,900	37,930	94,410	105,100	100,700	103,100	95,480	81,980	53,490
YEAR 1995	MAX	1,850	MIN	0	AC-FT	760,700						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Keystone, 06690500 - 1995

LOCATION.--SW1/4 Sec. 1-14-38 W., Keith County, Lat. 41°12'30", Long. 101°37'50", 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 good for 1995.

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 3,510 cubic feet per second July 16, gage height 5.61 feet;
minimum daily discharge 7.3 cubic feet per second on October 22.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22	21	21	19	25	50	1,030	1,960	1,810	37	27	22
2	17	21	20	19	25	50	1,030	1,840	1,790	37	26	22
3	17	20	19	19	29	51	1,030	1,630	1,790	38	25	21
4	16	21	20	19	26	65	1,020	1,740	1,780	40	25	25
5	17	22	19	20	25	80	1,020	1,960	1,790	42	24	25
6	17	22	19	19	24	82	1,020	1,960	1,630	38	20	24
7	17	20	19	20	24	79	1,090	1,970	1,580	32	22	23
8	17	20	19	20	23	163	1,230	2,000	1,430	30	28	23
9	15	22	20	20	23	532	1,220	1,880	1,330	31	27	23
10	14	26	21	20	24	880	1,320	1,750	1,330	32	26	24
11	14	25	21	20	22	968	1,320	1,740	1,180	33	25	25
12	16	25	20	21	22	497	1,750	1,750	643	34	25	25
13	15	25	19	21	22	196	2,350	1,760	331	32	25	27
14	15	26	19	22	17	208	3,170	1,770	312	20	25	26
15	15	20	20	20	20	210	3,430	1,770	260	19	24	26
16	14	20	20	17	30	211	3,430	1,760	259	17	23	25
17	15	19	19	17	29	219	3,140	1,700	256	15	23	25
18	15	19	18	26	29	213	2,710	1,690	247	14	23	24
19	15	19	19	25	28	470	2,530	1,620	222	14	25	23
20	16	19	19	25	27	748	2,520	1,610	147	8.8	25	23
21	16	21	19	26	28	752	2,510	1,660	82	7.6	25	23
22	16	21	20	26	28	1,030	2,330	1,640	67	7.3	24	22
23	18	21	18	26	67	1,320	2,310	1,610	52	8.7	24	22
24	19	21	18	26	74	1,330	2,390	1,490	43	21	23	22
25	19	21	19	27	73	1,340	2,470	1,760	41	40	23	22
26	18	21	20	27	77	1,300	2,480	1,880	39	35	22	22
27	19	23	19	27	80	1,190	2,480	1,800	22	26	23	21
28	19	22	19	28	81	1,180	2,490	1,720	35	21	22	21
29	19	-----	19	27	81	1,170	2,480	1,680	36	18	22	21
30	18	-----	19	26	73	1,040	2,490	1,730	37	17	22	20
31	19	-----	20	-----	52	-----	2,180	1,820	-----	19	-----	20
TOTAL	519	603	601	675	1,208	17,624	63,970	54,650	20,571	784.4	723	717
MEAN	16.7	21.5	19.4	22.5	39.0	587	2,064	1,763	686	25.3	24.1	23.1
MAX	22	26	21	28	81	1,340	3,430	2,000	1,810	42	28	27
MIN	14	19	18	17	17	50	1,020	1,490	22	7.3	20	20
AC-FT	1,030	1,200	1,190	1,340	2,400	34,960	126,900	108,400	40,800	1,560	1,430	1,420
YEAR 1995	TOTAL	162,645.4	MEAN	446	MAX	3,430	MIN	7.3	AC-FT	322,600		

NORTH PLATTE RIVER BASIN

KEITH - LINCOLN COUNTY CANAL from North Platte River, 00076000 - 1995

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

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

PERIOD OF RECORD.--1918 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	22	2.8	105	97	1.8		
2					0	17	2.0	105	99	.88		
3					0	17	1.4	105	99	.04		
4					0	18	.59	102	98	0		
5					0	19	0	95	97	0		
6					0	17	46	94	96	0		
7					0	17	71	93	95	0		
8					0	17	77	92	94	0		
9					0	7.4	89	92	94	0		
10					0	3.0	91	93	88	0		
11					3.9	10	100	93	84	0		
12					3.9	20	109	95	82	0		
13					2.7	20	109	96	79	0		
14					1.6	24	104	97	77	0		
15					.64	23	15	97	78	0		
16					0	24	46	96	77	0		
17					0	24	92	94	75	0		
18					0	25	88	93	73	0		
19					0	24	82	93	72	0		
20					0	24	77	92	64	0		
21					0	24	77	90	59	0		
22					0	24	76	88	58	0		
23					16	23	82	85	58	0		
24					2.9	24	94	85	57	0		
25					3.9	24	92	90	56	0		
26					26	24	89	94	55	0		
27					27	23	88	94	54	0		
28					27	24	94	100	40	0		
29		-----			26	20	105	104	3.5	0		
30		-----			26	3.7	104	102	2.4	0		
31		-----		-----	25	-----	104	98	-----	0	-----	
TOTAL					192.54	586.1	2,207.79	2,952	2,160.9	2.72		
MEAN					6.21	19.5	71.2	95.2	72.0	.088		
MAX					27	25	109	105	99	1.8		
MIN					0	3.0	0	85	2.4	0		
AC-FT					382	1,160	4,380	5,860	4,290	5.4		
YEAR 1995	MAX	109	MIN	0	AC-FT	16,070						

NORTH PLATTE RIVER BASIN

NORTH PLATTE CANAL from North Platte River, 00114000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	4.0	300	267			
2					0	0	4.7	269	248			
3					0	7.0	13	276	243			
4					0	13	101	277	237			
5					0	28	130	261	230			
6					0	50	191	243	221			
7					0	49	247	196	225			
8					0	49	297	228	197			
9					0	52	310	260	193			
10					0	54	316	251	198			
11					0	57	323	236	195			
12					19	55	332	246	191			
13					50	48	341	261	172			
14					46	53	344	264	160			
15					42	53	321	248	150			
16					24	58	311	245	143			
17					22	57	280	259	135			
18					8.0	57	247	268	132			
19					0	57	240	256	98			
20					0	58	212	234	62			
21					0	58	198	225	6.9			
22					0	59	214	231	1.1			
23					0	61	186	223	0			
24					18	65	177	221	0			
25					52	65	192	240	0			
26					43	65	208	255	0			
27					39	66	230	256	0			
28					22	67	262	263	0			
29					20	83	283	273	0			
30		-----			7.3	58	296	287	0			
31		-----		-----	0	-----	321	285	-----		-----	
TOTAL					412.3	1,502.0	7,131.7	7,837	3,705.0			
MEAN					13.3	50.1	230	253	124			
MAX					52	83	344	300	267			
MIN					0	0	4.0	196	0			
AC-FT					818	2,980	14,150	15,540	7,350			
YEAR 1995	MAX	344	MIN	0	AC-FT	40,840						

NORTH PLATTE RIVER BASIN

PAXTON-HERSHEY CANAL from North Platte River, 00121000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	13	26	106	99	3.5		
2					0	13	26	95	99	3.5		
3					0	12	40	93	98	3.5		
4					0	12	53	99	98	3.5		
5					0	12	50	102	98	.42		
6					0	12	66	105	97	0		
7					0	12	101	104	100	0		
8					0	12	112	101	101	0		
9					0	12	114	100	82	0		
10					0	11	115	98	80	0		
11					0	11	117	97	81	0		
12					0	18	119	97	67	0		
13					0	14	120	96	59	0		
14					0	13	118	100	76	0		
15					0	17	99	103	69	0		
16					0	13	89	103	63	0		
17					0	9.9	90	99	62	0		
18					3.1	14	90	95	61	0		
19					6.9	19	91	95	63	0		
20					6.8	24	87	96	64	0		
21					6.2	31	83	97	33	0		
22					5.3	32	80	97	8.4	0		
23					8.4	32	78	96	8.3	0		
24					10	31	76	98	8.1	0		
25					9.9	29	90	100	5.8	0		
26					10	29	97	102	4.0	0		
27					11	26	104	102	2.9	0		
28					11	23	108	99	0	0		
29					6.2	25	108	97	1.1	0		
30					8.7	26	109	96	3.5	0		
31					13		111	99		0		
TOTAL					116.5	557.9	2,767	3,067	1,692.1	14.42		
MEAN					3.76	18.6	89.3	98.9	56.4	.47		
MAX					13	32	120	106	101	3.5		
MIN					0	9.9	26	93	0	0		
AC-FT					231	1,110	5,490	6,080	3,360	29		
YEAR 1995	MAX	120	MIN	0	AC-FT	16,290						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER near Sutherland, 06691000 - 1995

LOCATION.--SW1/4SW1/4 Sec. 4-14-33 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1917, 1931 - 1933, 1935, Irrigation season only, 1936 - 1992, continuous 12 month record, 1993 - present, May - September.

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					178	195	904	1,810	1,390			
2					156	182	916	1,590	1,480			
3					168	172	901	1,370	1,490			
4					190	178	795	1,200	1,530			
5					183	184	759	1,340	1,540			
6					179	151	690	1,520	1,540			
7					175	158	564	1,570	1,380			
8					167	152	599	1,540	1,280			
9					159	197	651	1,510	1,100			
10					148	534	667	1,400	1,030			
11					152	825	767	1,300	1,050			
12					158	801	903	1,300	850			
13					161	431	1,080	1,270	439			
14					139	243	1,540	1,290	274			
15					132	218	2,530	1,370	224			
16					132	201	2,960	1,380	161			
17					124	185	2,920	1,360	146			
18					111	180	2,790	1,260	142			
19					114	174	2,510	1,210	141			
20					112	353	2,360	1,230	188			
21					126	520	2,290	1,230	247			
22					123	557	2,160	1,220	201			
23					131	930	2,110	1,120	190			
24					141	1,150	2,120	1,080	183			
25					116	1,110	2,210	1,140	171			
26					125	1,110	2,250	1,330	165			
27					230	1,060	2,210	1,430	163			
28					299	944	2,140	1,290	162			
29		-----			225	953	2,090	1,220	171			
30		-----			197	903	2,050	1,180	185			
31		-----	-----	-----	209	-----	2,120	1,270	-----		-----	
TOTAL					4,960	14,951	51,556	41,330	19,213			
MEAN					160	498	1,663	1,333	640			
MAX					299	1,150	2,960	1,810	1,540			
MIN					111	151	564	1,080	141			
AC-FT					9,840	29,660	102,300	81,980	38,110			
YEAR 1995	MAX	2,960	MIN	111	AC-FT	261,800						

NORTH PLATTE RIVER BASIN

BIRDWOOD CANAL from Birdwood Creek, 00016000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	0	31	55	27	17	0	
2					0	0	24	52	24	16	0	
3					0	0	24	42	26	16	0	
4					0	0	24	44	26	16	0	
5					0	0	25	41	27	17	0	
6					0	13	22	43	23	17	0	
7					0	18	23	41	18	16	0	
8					0	13	27	38	18	16	0	
9					0	14	32	34	18	16	0	
10					0	14	31	52	18	15	0	
11					0	13	31	54	18	15	0	
12					0	14	31	38	18	15	0	
13					0	15	31	32	18	14	0	
14					0	16	35	32	18	13	0	
15					0	18	27	33	18	13	0	
16					0	19	19	32	18	13	0	
17					0	19	22	29	18	13	0	
18					0	19	25	27	18	13	0	
19					0	26	20	26	19	13	0	
20					0	34	20	22	20	13	0	
21					0	34	22	22	20	14	0	
22					0	39	21	22	19	13	0	
23					0	41	23	22	18	17	0	
24					0	38	27	28	18	5.8	0	
25					0	32	29	29	18	.17	0	
26					0	30	29	26	18	0	0	
27					0	31	36	26	18	0	0	
28					0	34	52	28	17	0	0	
29		-----			0	33	62	29	17	0	0	
30		-----			0	33	64	32	18	0	0	
31		-----		-----	0	-----	65	33	-----	0	-----	
TOTAL					0	610	954	1,064	589	346.97	0	
MEAN					0	20.3	30.8	34.3	19.6	11.2	0	
MAX					0	41	65	55	27	17	0	
MIN					0	0	19	22	17	0	0	
AC-FT					0	1,210	1,890	2,110	1,170	688	0	
YEAR 1995	MAX	65	MIN	0	AC-FT	7,070						

NORTH PLATTE RIVER BASIN

BIRDWOOD CREEK near Hershey, 06692000 - 1995

LOCATION.--NE1/4NW1/4 Sec. 2-14-33 W.

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--May 1931 - 1993, continuous 12 month record, 1994 - present, May - September.

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					190	169	128	125	117			
2					179	165	127	122	117			
3					187	166	125	119	122			
4					178	170	123	123	117			
5					174	170	120	122	115			
6					176	154	119	125	120			
7					178	159	118	124	121			
8					178	157	119	122	122			
9					180	156	118	126	123			
10					170	153	117	123	122			
11					164	147	115	122	124			
12					167	145	112	123	123			
13					170	146	111	120	123			
14					158	144	110	119	123			
15					159	139	167	122	125			
16					158	135	152	120	125			
17					155	132	132	120	124			
18					153	131	145	122	126			
19					157	139	130	120	129			
20					160	135	128	126	134			
21					159	131	136	126	135			
22					160	140	129	126	128			
23					166	156	136	126	130			
24					162	145	126	122	130			
25					161	133	122	121	129			
26					175	131	123	125	129			
27					201	129	117	125	129			
28					190	138	112	121	132			
29		-----			171	131	114	117	135			
30		-----			172	127	114	116	145			
31		-----	-----		171	-----	133	115	-----	-----		
TOTAL					5,279	4,373	3,878	3,785	3,774			
MEAN					170	146	125	122	126			
MAX					201	170	167	126	145			
MIN					153	127	110	115	115			
AC-FT					10,470	8,670	7,690	7,510	7,490			
YEAR 1995	MAX	201	MIN	110	AC-FT	41,830						

NORTH PLATTE RIVER BASIN

SUBURBAN CANAL from North Platte River, 00136000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	30	5.0	93	92			
2					0	27	4.4	87	91			
3					0	30	4.2	95	88			
4					0	36	4.2	94	83			
5					0	41	51	100	83			
6					0	33	58	97	81			
7					0	27	42	82	77			
8					0	9.9	62	87	79			
9					0	2.8	65	95	79			
10					0	3.8	65	91	79			
11					0	5.2	69	88	79			
12					0	5.1	94	90	76			
13					0	4.8	108	87	69			
14					0	8.2	109	87	56			
15					0	28	112	92	52			
16					0	39	101	91	55			
17					0	38	96	80	54			
18					0	37	94	77	45			
19					0	37	94	75	8.7			
20					0	37	90	80	8.3			
21					0	43	78	80	5.8			
22					0	45	22	84	.41			
23					0	51	88	83	0			
24					0	52	82	85	0			
25					0	50	84	83	0			
26					1.1	49	89	89	0			
27					5.3	47	88	92	0			
28					7.5	44	90	93	0			
29		-----			41	44	88	89	0			
30		-----			41	30	88	86	0			
31		-----		-----	40	-----	94	87	-----		-----	
TOTAL					135.9	934.8	2,218.8	2,719	1,341.21			
MEAN					4.38	31.2	71.6	87.7	44.7			
MAX					41	52	112	100	92			
MIN					0	2.8	4.2	75	0			
AC-FT					270	1,850	4,400	5,390	2,660			
YEAR 1995	MAX	112	MIN	0	AC-FT	14,580						

NORTH PLATTE RIVER BASIN

CODY-DILLON CANAL from North Platte River, 00027000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	2.5	2.6	12	16	32	10		
2				0	1.3	.74	12	14	33	7.1		
3				0	1.3	0	12	13	28	4.9		
4				0	1.3	0	11	12	29	4.1		
5				0	1.0	1.4	10	13	29	4.3		
6				0	.71	.21	11	13	23	3.4		
7				0	.60	.27	11	1.8	17	1.4		
8				0	.26	.81	12	6.4	15	.57		
9				0	0	1.1	13	19	14	.42		
10				0	0	4.8	16	18	13	0		
11				0	0	8.1	19	17	13	0		
12				0	0	7.6	23	20	13	0		
13				0	0	3.1	25	22	11	0		
14				0	0	.06	32	20	13	0		
15				0	0	0	24	26	15	0		
16				0	0	.48	18	26	9.7	0		
17				0	.03	.65	18	19	8.0	0		
18				0	.60	0	18	10	7.4	0		
19				0	.33	0	23	9.5	12	0		
20				0	0	.33	17	8.5	12	0		
21				0	0	8.7	12	10	14	0		
22				0	0	12	7.9	17	7.8	0		
23				0	1.7	15	6.7	17	5.4	0		
24				0	1.7	17	6.2	21	4.2	0		
25				0	.85	20	6.2	20	3.8	0		
26				0	1.4	23	6.0	22	4.4	0		
27				0	7.0	22	6.9	27	4.9	0		
28				0	9.5	17	14	26	5.0	0		
29		-----		.07	7.1	13	15	25	6.2	0		
30		-----		1.9	4.9	13	15	24	10	0		
31		-----		-----	4.0	-----	15	27	-----	0	-----	
TOTAL				1.97	48.08	192.95	447.9	540.2	412.8	36.19		
MEAN				.066	1.55	6.43	14.4	17.4	13.8	1.17		
MAX				1.9	9.5	23	32	27	33	10		
MIN				0	0	0	6.0	1.8	3.8	0		
AC-FT				3.9	95	383	888	1,070	819	72		
YEAR 1995	MAX	33	MIN	0	AC-FT	3,330						

NORTH PLATTE RIVER BASIN

LINCOLN COUNTY DRAIN NO. 1 at North Platte, 06692500 - 1995

LOCATION.--NE1/4NE1/4 Sec. 30-14-30 W., Lincoln County

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1931 - 1932, 1955 - 1992, 1993 - present, May - September.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					28	50	60	109	124			
2					27	49	53	97	127			
3					28	49	52	105	126			
4					28	50	54	128	126			
5					28	50	69	130	123			
6					29	68	59	142	125			
7					29	70	60	133	120			
8					29	71	58	108	125			
9					30	75	51	112	125			
10					29	77	47	123	119			
11					29	78	43	111	111			
12					29	74	47	112	107			
13					28	68	43	112	108			
14					28	65	53	123	109			
15					28	63	74	125	109			
16					28	65	89	108	104			
17					28	65	81	99	104			
18					28	65	78	95	106			
19					28	67	68	108	115			
20					29	67	92	134	111			
21					29	67	127	132	96			
22					29	70	120	123	79			
23					30	73	126	118	77			
24					29	71	117	120	74			
25					37	66	114	115	72			
26					53	64	111	116	70			
27					68	64	100	127	68			
28					66	65	96	125	67			
29		-----			61	66	86	107	66			
30		-----			57	70	67	112	65			
31		-----		-----	52	-----	93	125	-----			
TOTAL					1,079	1,962	2,388	3,634	3,058			
MEAN					34.8	65.4	77.0	117	102			
MAX					68	78	127	142	127			
MIN					27	49	43	95	65			
AC-FT					2,140	3,890	4,740	7,210	6,070			
YEAR 1995	MAX	142	MIN	27	AC-FT	24,040						

NORTH PLATTE RIVER BASIN

NORTH PLATTE RIVER at North Platte, 06693000 - 1995

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
E indicates estimated daily discharge. Records good except estimated records 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 3,110 cubic feet per second July 18, gage height 5.72; minimum daily discharge 293 cubic feet per second December 5.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	300E	336	345E	388	610	515	1,270	2,350	1,330	398	361	314
2	330E	347	329	378	578	467	1,290	1,960	1,400	388	354	306
3	320E	345	346	353	564	444	1,260	1,740	1,390	383	356	304
4	320E	341	353	344	543	447	1,190	1,490	1,370	385	367	299
5	330E	336	364	350	494	489	1,090	1,440	1,370	376	363	293
6	340E	332	350E	356	495	460	962	1,570	1,380	382	356	312
7	350E	328	340E	356	500	434	846	1,690	1,350	374	341	320
8	350E	334	350E	333	497	456	737	1,640	1,280	375	320	320E
9	350E	345	350E	342	466	483	777	1,610	1,200	377	338	310E
10	350E	348	340E	355	453	610	772	1,560	1,090	375	350	330E
11	350E	330	350E	363	418	956	782	1,380	1,090	377	372	330E
12	350E	330E	370E	372	396	1,110	864	1,330	1,020	378	374	330E
13	360E	300E	366	417	390	955	944	1,320	770	370	373	350E
14	360E	300E	356	422	368	615	1,150	1,330	479	372	363	380E
15	360E	300E	362	392	349	514	1,800	1,390	401	374	344	360E
16	360E	340E	354	376	342	462	2,650	1,370	352	364	346	320E
17	360E	340E	359	396	345	426	2,990	1,340	328	364	350	320E
18	360E	350E	388	500	345	409	3,070	1,290	352	364	353	330E
19	360E	373	392	598	332	395	2,950	1,250	417	363	343	330E
20	360E	349	395	663	354	427	2,750	1,290	461	361	328	330E
21	354	344	376	635	358	660	2,680	1,310	517	364	332	320E
22	355	343	347	531	353	749	2,560	1,290	463	357	340	320E
23	350	344	326	488	399	913	2,370	1,230	439	386	342	320E
24	357	339	335	487	394	1,240	2,250	1,140	410	379	333	330E
25	355	337	332	465	388	1,330	2,210	1,120	379	381	327	320E
26	362	336	364	458	433	1,370	2,280	1,250	382	407	321	330E
27	375	343	366	442	772	1,350	2,240	1,410	379	430	320	320E
28	354	343	366	434	1,090	1,340	2,190	1,370	374	428	320	320E
29	336	-----	378	429	808	1,240	2,150	1,250	373	400	310	310E
30	329	-----	375	460	619	1,270	2,130	1,200	397	368	317	310E
31	330	-----	390	-----	567	-----	2,240	1,220	-----	359	-----	310E
TOTAL	10,777	9,433	11,114	12,883	15,020	22,536	55,444	44,130	22,943	11,759	10,314	9,998
MEAN	348	337	359	429	485	751	1,789	1,424	765	379	344	323
MAX	375	373	395	663	1,090	1,370	3,070	2,350	1,400	430	374	380
MIN	300	300	326	333	332	395	737	1,120	328	357	310	293
AC-FT	21,380	18,710	22,040	25,550	29,790	44,700	110,000	87,530	45,510	23,320	20,460	19,830
YEAR 1995	TOTAL	236,351	MEAN	648	MAX	3,070	MIN	293	AC-FT	468,800		

SOUTH PLATTE RIVER BASIN

LOGGPOLE CREEK at Tomich Ranch, 06762500 - 1995

LOCATION.--Sec. 32-15-57 W.

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".

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					4.5E	5.4E	4.6E	1.8 E	.25			
2					4.5E	5.2	4.4E	1.8 E	.25			
3					4.6E	5.8	4.2E	1.6 E	.30			
4					4.6E	6.5	4.2E	1.6 E	.29			
5					4.6E	6.9	4.0E	1.4 E	.29			
6					4.8E	6.6	4.0E	1.4 E	.33			
7					4.8E	8.5	3.8E	1.4 E	.36			
8					4.8E	13	3.6E	1.4 E	.40			
9					4.8E	13	3.4E	1.4 E	.45			
10					4.9E	11	3.2E	1.3 E	.54			
11					4.9E	9.1	3.2E	.90	.62			
12					4.9E	7.1	3.2E	.79	.60			
13					4.9E	6.5	2.8E	.69	.65			
14					4.9E	6.4	2.8E	.57	.72			
15					5.0E	7.0E	2.8E	.53	.76			
16					5.0E	6.8E	2.6E	.46	.77			
17					5.0E	6.8E	2.6E	.43	.79			
18					5.0E	6.6E	2.6E	.37	.88			
19					5.0E	6.4E	2.6E	.32	.97			
20					5.0E	6.2E	2.6E	.32	1.3			
21					5.0E	6.0E	2.6E	.34	.99			
22					5.2E	6.0E	2.6E	.34	.59			
23					5.2E	5.8E	2.4E	.35	.62			
24					5.2E	5.6E	2.4E	.35	.68			
25					5.2E	5.6E	2.4E	.34	.77			
26					5.4E	5.4E	2.2E	.29	.85			
27					5.4E	5.2E	2.2E	.30	.90			
28					5.4E	5.0E	2.0E	.29	.95			
29		-----			5.4E	5.0E	2.0E	.32	.95			
30		-----			5.4E	4.8E	2.0E	.27	1.2			
31		-----	-----		5.4E	-----	1.8E	.25	-----			
TOTAL					154.7	205.2	91.8	23.92	20.02			
MEAN					4.99	6.84	2.96	.77	.67			
MAX					5.4	13	4.6	1.8	1.3			
MIN					4.5	4.8	1.8	.25	.25			
AC-FT					307	407	182	47	40			
YEAR 1995	MAX	13	MIN	.25	AC-FT	983						

SOUTH PLATTE RIVER BASIN

OLIVER RESERVOIR on Lodgepole Creek, 00407000 - 1995

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

GAGE.--Staff gage

PERIOD OF RECORD.--1977 - present

STORAGE LEVEL	ELEVATION (Feet)	CONTENT (Acre-feet)
Top of flood pool	4810.0	4,690
Top of conservation pool	4804.0	2,680
Top of dead storage pool	4784.0	50

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						2,350						
2												
3												
4												
5												
6							2,480					
7						2,400						
8												
9												
10								2,090				
11												
12												
13												
14												
15						2,500			1,740			
16												
17			2,110									
18												
19												
20					2,190		2,340			1,660		
21												
22												
23												
24												
25												
26												
27											1,770	
28												
29		-----						1,900				
30		-----										
31		-----			-----		-----		-----		-----	

SOUTH PLATTE RIVER BASIN

LODGEPOLE CREEK below Oliver Reservoir, 00219000 - 1995

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1981 - 1992, continuous recorder, 1993 - present, May - September.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					.36	.50	.53	.24	.24			
2					.36	.36	.59	.24	.24			
3					.36	.36	.55	.24	.24			
4					.36	.43	.48	.24	.24			
5					.42	.39	.42	.24	.24			
6					.42	.40	.42	.24	.24			
7					.44	.44	.42	.24	.24			
8					.52	.82	.42	.24	.24			
9					.48	.74	.48	.24	.24			
10					.48	.64	.45	.24	.24			
11					.48	.51	.45	.24	.18			
12					.54	.48	.45	.24	.18			
13					.64	.48	.45	.30	.18			
14					.68	.48	.39	.24	.18			
15					1.0	.43	.36	.24	.18			
16					1.3	.42	.36	.24	.18			
17					1.5	.42	.36	.24	.18			
18					1.5	.42	.36	.24	.18			
19					1.5	.42	.36	.24	.20			
20					1.6	.42	.36	.24	.42			
21					1.4	.42	.36	.24	.36			
22					1.4	.42	.30	.24	.36			
23					1.6	.80	.30	.24	.36			
24					1.6	.82	.30	.24	.36			
25					1.5	.54	.30	.24	.36			
26					.45	.51	.24	.24	.36			
27					.48	.54	.24	.24	.36			
28					.48	.54	.24	.24	.36			
29		-----			.48	.51	.24	.30	.36			
30		-----			.48	.48	.24	.30	.36			
31		-----		-----	.48	-----	.24	.24	-----			
TOTAL					25.29	15.14	11.66	7.62	8.06			
MEAN					.82	.50	.38	.25	.27			
MAX					1.6	.82	.59	.30	.42			
MIN					.36	.36	.24	.24	.18			
AC-FT					50	30	23	15	16			
YEAR 1995	MAX	1.6	MIN	.18	AC-FT	134						

SOUTH PLATTE RIVER BASIN

WESTERN CANAL from South Platte River, 00147000 - 1995

LOCATION.--NE1/4SE1/4 Sec. 14-12-43 W. near Julesburg, CO

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1918 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	104	15	63	103		
2						0	118	0	65	97		
3						0	68	0	63	100		
4						0	53	85	81	114		
5						0	10	163	78	111		
6						0	78	174	84	52		
7						0	107	186	87	0		
8						0	107	180	95	0		
9						0	111	193	106	0		
10						0	106	159	129	0		
11						0	96	133	150	0		
12						0	116	116	189	0		
13						0	149	102	158	0		
14						0	173	114	126	0		
15						0	136	121	119	0		
16						0	135	111	84	0		
17						0	151	120	64	0		
18						0	157	121	77	0		
19						0	152	113	106	0		
20						0	159	109	123	0		
21						0	161	112	110	0		
22						0	162	87	80	0		
23						24	159	66	144	0		
24						5.0	142	65	154	0		
25						35	120	65	123	0		
26						95	88	66	128	0		
27						85	67	61	77	0		
28						91	57	61	36	0		
29		-----				78	125	54	59	0		
30		-----				35	110	51	115	0		
31		-----		-----		-----	66	54	-----	0	-----	
TOTAL						448.0	3,543	3,057	3,073	577		
MEAN						14.9	114	98.6	102	18.6		
MAX						95	173	193	189	114		
MIN						0	10	0	36	0		
AC-FT						889	7,030	6,060	6,100	1,140		
YEAR 1995	MAX	193	MIN	0	AC-FT	21,220						

SOUTH PLATTE RIVER BASIN

SOUTH PLATTE RIVER at North Platte, 06765500 - 1995

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 2,798.37 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
E indicates estimated daily discharge. Records good, except estimated records 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 13,900 cubic feet per second June 7, gage height 12.99 feet; minimum daily discharge 172 cubic feet per second March 14.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	195	274	200	192	288	2,880	8,160	968	233	758	197	235
2	181	264	199	188	283	3,590	7,620	733	228	742	197	237
3	180E	266	222	178	255	4,580	7,150	643	221	687	203	237
4	200E	242	222	178	251	5,670	7,390	600E	220	667	200	231
5	190E	235	250	174	231	6,880	8,070	500E	225	687	194	226
6	195E	230	250	178	231	9,440	8,140	450E	210	739	209	221
7	200E	227	204	193	241	13,200	7,280	400E	207	634	229	224
8	200E	233	192	202	237	12,900	6,850	391	208	561	233	225E
9	202	239	209	215	243	11,600	6,480	393	209	486	222	220E
10	197	231	238	215	244	11,200	6,010	376	211	449	212	220E
11	203	219	251	220	246	10,900	5,240	368	210	422	202	215E
12	211	215	210	216	242	11,800	4,610	386	215	383	201	220E
13	211	224	180	223	245	13,200	4,010	390	219	338	197	225E
14	206	232	172	221	239	12,600	3,650	390	219	298	196	220E
15	208	273	176	216	217	12,200	3,900	409	232	279	201	220E
16	214	195	180	215	220	13,700	4,190	430	253	281	196	220E
17	210	203	183	212	225	13,200	4,070	413	259	318	200	215E
18	205	231	192	256	217	11,100	3,440	383	295	330	202	185
19	199	228	195	279	223	9,780	3,420	357	341	292	199	182
20	224	232	195	308	221	9,420	3,540	349	318	243	188	197
21	235	235	190	329	225	9,390	3,400	328	334	216	189	195
22	259	231	185	320	229	9,750	3,150	296	335	213	191	200E
23	255	229	174	298	234	10,500	2,980	271	343	242	189	205E
24	234	223	173	287	248	11,300	2,950	255	347	225	184	205E
25	223	218	175	276	356	12,100	2,990	243	391	208	186	205E
26	222	205	183	258	544	11,200	2,690	223	502	201	189	200E
27	244	203	200	245	1,010	10,400	2,190	240	653	214	197	190E
28	251	203	220	236	1,620	10,100	1,820	243	774	215	195	210E
29	250	-----	212	211	1,940	9,670	1,500	238	798	213	219	215E
30	237	-----	201	248	2,090	8,900	1,210	227	785	211	231	210E
31	240	-----	194	-----	2,480	-----	1,080	238	-----	205	-----	210E
TOTAL	6,681	6,440	6,227	6,987	15,775	303,150	139,180	12,131	9,995	11,957	6,048	6,620
MEAN	216	230	201	233	509	10,110	4,490	391	333	386	202	214
MAX	259	274	251	329	2,480	13,700	8,160	968	798	758	233	237
MIN	180	195	172	174	217	2,880	1,080	223	207	201	184	182
AC-FT	13,250	12,770	12,350	13,860	31,290	601,300	276,100	24,060	19,830	23,720	12,000	13,130
YEAR 1995	TOTAL	531,191	MEAN	1,455	MAX	13,700	MIN	172	AC-FT	1,054,000		

PLATTE RIVER BASIN

TRI-COUNTY CANAL from Platte River, 00142000 - 1995

LOCATION.--NW1/4 Sec. 28-13-29 W. near North Platte

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

PERIOD OF RECORD.--1941 - present

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	777	1,080	982	999	1,360	2,160	2,200	2,190	2,190	2,200	2,140	1,650
2	782	1,080	991	976	1,330	2,190	2,180	2,170	2,200	2,180	2,120	1,340
3	932	1,090	1,030	926	1,300	2,180	2,180	2,180	2,190	2,020	2,130	1,260
4	770	1,060	1,060	906	1,290	2,190	2,190	2,180	2,180	1,870	2,090	1,310
5	838	1,020	1,080	901	1,190	2,170	2,210	2,150	2,170	2,100	2,100	897
6	1,010	1,030	1,050	1,020	1,180	2,180	2,190	2,180	2,180	2,180	2,080	657
7	829	1,010	849	1,070	1,200	2,160	2,190	2,150	2,170	2,160	2,100	661
8	1,060	1,030	957	1,060	1,220	2,160	2,200	2,170	2,170	2,170	2,120	810
9	1,090	1,010	1,130	1,010	1,220	2,160	2,200	2,170	2,180	2,000	2,130	887
10	1,060	992	1,250	1,060	1,200	2,170	2,190	2,170	2,180	2,000	2,140	1,390
11	1,100	986	1,080	1,040	1,130	2,160	2,190	2,160	2,190	1,940	2,140	1,540
12	1,120	830	1,070	990	1,120	2,180	2,200	2,160	2,180	2,170	2,090	1,470
13	1,160	875	1,020	1,090	1,070	2,160	2,190	2,160	2,170	2,170	2,120	1,600
14	1,160	886	988	1,090	1,030	2,160	2,210	2,170	2,160	2,170	2,110	1,840
15	1,160	999	896	1,010	992	2,160	2,220	2,160	2,160	2,160	2,100	1,840
16	1,160	1,070	929	1,050	996	2,170	2,220	2,170	2,150	2,180	2,130	1,790
17	1,070	1,140	974	1,080	972	2,140	2,200	2,160	2,150	2,160	2,110	1,770
18	1,050	1,220	997	1,330	1,050	2,140	2,210	2,160	2,180	2,170	1,990	1,630
19	1,030	1,160	1,010	1,360	1,110	2,150	2,200	2,180	2,150	2,190	1,950	1,690
20	1,120	1,060	1,010	1,250	1,260	2,160	2,190	2,190	2,180	2,170	1,930	1,670
21	1,100	1,060	979	1,250	1,360	2,180	2,200	2,180	2,170	2,150	1,930	1,660
22	1,090	1,060	983	1,190	1,460	2,190	2,200	2,190	2,160	2,180	1,930	1,660
23	1,020	1,010	936	1,140	1,570	2,180	2,200	2,180	2,190	2,190	1,920	1,670
24	1,030	1,020	907	1,170	1,740	2,180	2,190	2,180	2,170	2,180	1,920	1,720
25	1,020	999	901	1,160	2,070	2,160	2,170	2,190	2,170	2,180	1,910	1,750
26	1,010	989	1,000	1,110	2,140	2,140	2,190	2,190	2,200	2,180	1,920	1,790
27	1,070	979	1,030	1,050	2,170	2,170	2,180	2,200	2,180	2,180	1,940	1,750
28	1,100	980	1,010	1,060	2,170	2,170	2,190	2,190	2,200	2,150	1,870	1,720
29	1,040	-----	1,030	1,050	2,160	2,160	2,190	2,190	2,190	2,160	1,860	1,700
30	1,030	-----	1,030	1,130	2,150	2,170	2,180	2,180	2,180	2,160	1,790	1,760
31	1,020	-----	984	-----	2,170	-----	2,200	2,200	-----	2,130	-----	1,750
TOTAL	31,808	28,725	31,143	32,528	44,380	65,000	68,050	67,450	65,290	66,200	60,810	46,632
MEAN	1,026	1,026	1,005	1,084	1,432	2,167	2,195	2,176	2,176	2,135	2,027	1,504
MAX	1,160	1,220	1,250	1,360	2,170	2,190	2,220	2,200	2,200	2,200	2,140	1,840
MIN	770	830	849	901	972	2,140	2,170	2,150	2,150	1,870	1,790	657
AC-FT	63,090	56,980	61,770	64,520	88,030	128,900	135,000	133,800	129,500	131,300	120,600	92,490
YEAR 1995	MAX	2,220	MIN	657	AC-FT	1,206,000						

PLATTE RIVER BASIN

JEFFREY RESERVOIR from Platte River, 00403700 - 1995

LOCATION.--NE1/4NE1/4 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 operating level	2758.0	11,500
Top of dead storage pool	2734.2	6,350

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	5,180	5,570	5,350	5,400	5,790	5,620	5,570	5,460	5,840	5,570	5,350	5,570
2	5,020	5,510	5,510	5,240	5,510	5,570	5,570	5,510	5,840	5,510	5,400	5,350
3	5,240	5,460	5,570	5,240	5,400	5,510	5,570	5,620	5,790	5,510	5,460	5,460
4	5,240	5,350	5,680	5,400	5,070	5,510	5,620	5,570	5,790	5,400	5,570	5,460
5	5,290	5,240	5,840	5,460	5,070	5,510	5,570	5,570	5,790	5,620	5,620	5,240
6	5,350	5,180	5,730	5,460	5,020	5,460	5,570	5,570	5,840	5,680	5,620	4,760
7	5,350	5,290	5,240	5,460	4,810	5,460	5,620	5,510	5,840	5,510	5,620	4,410
8	5,400	5,460	5,290	5,400	5,180	5,400	5,620	5,510	5,840	5,460	5,680	4,210
9	5,290	5,620	5,350	5,350	5,400	5,510	5,620	5,620	5,790	5,350	5,620	4,010
10	5,290	5,620	5,460	5,510	5,400	5,510	5,510	5,620	5,790	5,240	5,570	4,660
11	5,350	5,620	5,460	5,460	5,400	5,510	5,730	5,620	5,840	5,350	5,510	4,910
12	5,460	5,460	5,400	5,130	5,460	5,510	5,790	5,570	5,840	5,730	5,510	5,070
13	5,510	5,400	5,350	5,350	5,400	5,570	5,620	5,400	5,840	5,620	5,620	5,240
14	5,460	5,240	5,290	5,840	5,400	5,570	5,620	5,350	5,790	5,510	5,620	5,180
15	5,620	5,290	5,350	5,900	5,400	5,620	5,730	5,400	5,730	5,400	5,620	5,290
16	5,570	5,350	5,460	5,950	5,460	5,620	5,900	5,570	5,840	5,350	5,570	5,350
17	5,460	5,460	5,570	5,620	5,510	5,510	6,010	5,570	5,790	5,240	5,510	5,570
18	5,400	5,400	5,840	5,840	5,570	5,510	5,950	5,570	5,840	5,070	5,400	5,460
19	5,400	5,570	5,840	6,060	5,570	5,730	5,950	5,460	5,840	5,070	5,130	5,130
20	5,570	5,350	5,840	6,180	5,620	5,510	5,900	5,400	5,840	4,810	5,180	5,400
21	5,680	5,290	5,790	6,010	5,570	5,350	5,730	5,620	5,790	4,510	5,400	5,350
22	5,680	5,460	5,620	5,730	5,510	6,010	5,620	5,790	5,730	4,260	5,460	5,130
23	5,570	5,510	5,460	5,400	5,570	5,840	5,620	5,790	5,680	5,400	5,570	5,020
24	5,510	5,400	5,350	5,240	5,460	5,680	5,680	5,790	5,620	5,130	5,680	5,020
25	5,400	5,400	5,290	5,400	5,570	5,460	5,680	5,840	5,840	4,860	5,730	5,290
26	5,400	5,350	5,350	5,510	5,510	5,570	5,620	5,900	5,730	5,570	5,680	5,730
27	5,570	5,350	5,400	5,350	5,620	5,620	5,570	5,790	5,680	5,350	5,680	5,790
28	5,620	5,400	5,510	5,460	5,510	5,680	5,510	5,840	5,620	5,350	5,510	5,730
29	5,680	-----	5,570	5,510	5,620	5,570	5,510	5,840	5,680	5,290	5,570	5,680
30	5,730	-----	5,510	5,620	5,680	5,460	5,510	5,900	5,620	5,290	5,620	5,680
31	5,620	-----	5,510	-----	5,680	-----	5,510	5,840	-----	5,350	-----	5,620
MAX	5,730	5,620	5,840	6,180	5,790	6,010	6,010	5,900	5,840	5,730	5,730	5,790
MIN	5,020	5,180	5,240	5,130	4,810	5,350	5,510	5,350	5,620	4,260	5,130	4,010
YEAR 1995			MEAN	5,504	MAX	6,180	MIN	4,010				

PLATTE RIVER BASIN

JEFFERY POWER RETURN to Platte River, 00143000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	318	179	0	0	0
2	0	0	0	0	0	0	0	349	0	0	0	0
3	0	0	0	0	0	0	0	99	0	0	0	0
4	0	0	0	0	0	0	0	23	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	20	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	15	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	49	0	0	0	0	0	0	0
20	0	0	0	0	74	0	0	0	0	0	0	0
21	0	0	0	0	73	0	0	0	0	0	0	0
22	0	0	0	0	74	0	0	0	0	0	0	0
23	0	0	0	0	34	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	9.2	0	0	0	0
25	0	0	0	0	0	0	0	69	0	0	0	0
26	0	0	0	0	0	0	0	33	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	-----	0	0	0	0	0	19	0	0	0	0
30	0	-----	0	0	0	0	131	124	0	0	0	0
31	0	-----	0	-----	0	-----	444	234	-----	0	-----	0
TOTAL	0	0	0	0	304	15	575	1,297.2	179	0	0	0
MEAN	0	0	0	0	9.81	.50	18.5	41.8	5.97	0	0	0
MAX	0	0	0	0	74	15	444	349	179	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	0	0	603	30	1,140	2,570	355	0	0	0
YEAR 1995	MAX	444	MIN	0	AC-FT	4,700						

PLATTE RIVER BASIN

ELWOOD RESERVOIR from Platte River, 00403300 - 1995

LOCATION.--NW1/4NW1/4 Sec.43-8-22 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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13,600	12,700	11,900	21,000	29,700	36,200	37,500	24,400	12,000	13,800	15,600	14,500
2	13,600	12,600	11,800	21,300	30,000	36,300	37,500	24,100	12,000	14,100	15,500	14,400
3	13,600	12,600	11,800	21,600	30,300	36,500	37,300	23,700	12,000	14,400	15,500	14,400
4	13,500	12,600	11,700	21,900	30,400	36,800	37,300	23,300	11,900	14,600	15,500	14,400
5	13,500	12,600	11,700	22,200	30,600	36,800	37,200	22,900	11,800	14,800	15,400	14,400
6	13,400	12,500	11,700	22,600	31,000	36,900	37,100	22,500	11,800	15,100	15,400	14,300
7	13,400	12,500	11,700	22,900	31,200	37,100	36,800	22,200	11,700	15,300	15,300	14,200
8	13,400	12,400	11,700	23,200	31,400	37,300	36,500	21,700	11,600	15,500	15,300	14,200
9	13,300	12,400	12,000	23,500	31,700	37,500	36,100	21,300	11,500	15,900	15,300	14,200
10	13,300	12,400	12,400	23,800	31,800	37,500	35,700	20,800	11,400	16,200	15,300	14,200
11	13,300	12,400	12,800	24,200	31,900	37,500	35,100	20,400	11,400	16,400	15,200	14,100
12	13,300	12,300	13,200	24,400	32,300	37,600	34,500	19,900	11,400	16,500	15,100	14,100
13	13,200	12,300	13,600	24,700	32,500	37,600	33,900	19,400	11,300	16,500	15,100	14,100
14	13,200	12,300	14,100	25,000	32,700	37,600	33,500	19,000	11,300	16,400	15,100	14,000
15	13,100	12,300	14,500	25,300	32,900	37,700	32,900	18,600	11,300	16,300	15,000	14,000
16	13,100	12,200	14,900	25,600	33,100	37,700	32,400	18,200	11,200	16,300	15,000	13,900
17	13,100	12,200	15,300	25,900	33,200	37,700	31,800	17,700	11,200	16,300	14,900	13,900
18	13,100	12,200	15,700	26,200	33,400	37,700	31,300	17,500	11,200	16,200	14,900	13,800
19	13,000	12,200	16,100	26,500	33,600	37,800	30,700	17,100	11,200	16,100	14,900	13,800
20	13,000	12,100	16,500	26,800	33,800	37,700	30,200	16,700	11,200	16,100	14,900	13,700
21	13,000	12,100	17,000	27,000	33,900	37,700	29,700	16,300	11,400	16,100	14,800	13,700
22	13,000	12,000	17,400	27,300	34,300	37,700	29,200	15,900	11,500	16,000	14,800	13,700
23	12,900	12,000	17,800	27,600	34,500	37,700	28,700	15,500	11,800	16,000	14,800	13,700
24	12,900	12,000	18,200	27,800	34,700	37,700	28,200	15,100	11,900	16,000	14,800	13,600
25	12,900	12,000	18,500	28,000	34,800	37,700	27,800	14,700	12,100	15,900	14,700	13,600
26	12,900	11,900	18,900	28,300	35,100	37,700	27,200	14,400	12,400	15,900	14,700	13,600
27	12,800	11,900	19,300	28,600	35,500	37,600	26,800	13,900	12,700	15,800	14,600	13,600
28	12,800	11,900	19,600	28,800	35,700	37,600	26,300	13,500	13,000	15,800	14,600	13,500
29	12,700	-----	19,900	29,100	35,800	37,600	25,700	13,100	13,300	15,800	14,600	13,500
30	12,700	-----	20,300	29,400	35,900	37,500	25,200	12,500	13,600	15,700	14,500	13,400
31	12,700	-----	20,600	-----	36,100	-----	24,800	12,100	-----	15,600	-----	13,400
MAX	13,600	12,700	20,600	29,400	36,100	37,800	38,700	24,400	13,600	16,500	15,600	14,500
MIN	12,700	11,900	11,700	21,000	29,700	36,200	24,800	12,100	11,200	13,800	14,500	13,400
YEAR 1995			MEAN	20,400	MAX	38,700	MIN	11,200				

PLATTE RIVER BASIN

JOHNSON RESERVOIR from Platte River, 00403800 - 1995

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)
Normal operating level	2621.0	54,000
Low water level	2601.5	17,880

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	42,900	42,400	42,900	41,200	44,200	42,400	43,200	42,900	42,900	41,500	41,200	41,000
2	42,900	42,400	42,400	41,200	44,400	42,700	43,400	43,400	43,400	41,200	41,200	40,500
3	42,700	42,400	41,900	41,200	44,700	42,700	43,200	43,200	43,700	40,800	41,200	40,300
4	42,400	42,400	42,200	40,800	44,200	43,200	43,400	43,400	44,200	40,500	41,200	39,800
5	42,200	42,700	42,200	40,800	43,700	43,700	43,200	43,700	43,700	40,300	41,200	39,400
6	42,200	42,700	42,200	41,000	43,700	43,400	42,900	44,200	43,200	39,600	41,200	39,100
7	42,200	42,900	41,700	41,200	43,700	43,200	42,900	43,900	43,200	39,100	41,200	39,100
8	42,200	42,700	41,700	41,200	43,700	43,400	43,200	43,200	43,200	39,100	41,200	39,400
9	42,400	42,400	41,500	41,500	43,400	43,400	43,400	43,200	43,700	38,900	41,200	39,400
10	42,900	42,400	41,500	42,200	43,700	43,200	42,700	43,400	44,400	38,900	41,200	39,400
11	43,200	42,400	41,200	41,900	44,200	43,200	43,400	43,400	43,900	38,900	41,200	39,800
12	43,200	42,400	41,200	41,700	43,700	43,200	42,900	43,400	43,200	39,100	41,500	39,800
13	43,200	42,700	41,000	41,700	43,400	42,900	42,700	43,700	43,200	39,400	42,200	39,800
14	43,200	42,900	40,800	41,500	42,700	42,900	43,700	43,700	43,400	39,600	41,700	39,800
15	43,200	42,900	40,800	41,200	42,400	42,700	43,400	43,400	43,200	39,600	42,200	39,600
16	43,400	43,200	40,800	41,200	42,400	42,900	43,700	43,400	43,200	39,600	43,900	39,400
17	43,400	42,900	40,500	41,900	43,200	43,700	43,700	43,400	42,900	39,600	43,900	39,400
18	43,200	42,900	40,500	42,700	42,200	42,900	42,900	43,900	43,400	39,600	44,200	38,900
19	43,200	42,900	40,500	42,700	40,500	42,700	42,700	44,200	43,700	39,800	44,200	39,100
20	43,200	42,900	40,500	43,200	40,500	42,200	42,700	44,400	43,700	39,800	44,400	39,800
21	43,200	42,900	40,300	43,400	40,100	42,700	42,900	43,900	43,400	39,800	44,200	39,800
22	43,400	43,200	40,500	44,200	40,500	42,900	43,400	43,700	42,900	40,100	43,900	39,800
23	43,200	43,200	40,500	44,400	41,000	43,700	43,200	43,400	42,700	40,800	43,400	39,800
24	43,200	43,200	40,500	44,700	41,200	44,200	43,200	43,400	42,400	40,300	42,900	39,800
25	43,200	43,200	41,000	44,400	41,900	44,400	43,200	43,400	42,200	40,800	42,700	39,600
26	42,900	43,200	40,800	44,200	42,400	44,200	43,400	43,400	41,500	40,800	42,400	39,600
27	42,900	43,200	41,000	43,900	43,200	43,700	42,700	43,400	41,200	40,500	41,900	39,800
28	42,700	43,400	41,000	43,900	42,900	43,200	42,900	43,400	41,000	40,800	41,900	39,600
29	42,400	-----	41,200	43,700	42,700	43,200	43,200	43,400	41,500	40,800	41,700	39,600
30	42,400	-----	40,800	43,900	42,200	43,400	43,200	43,700	41,700	40,800	41,500	39,800
31	42,400	-----	41,000	-----	42,400	-----	43,200	42,900	-----	41,000	-----	40,100
MAX	43,400	43,400	42,900	44,700	44,700	44,400	43,700	44,400	44,400	41,500	44,400	41,000
MIN	42,200	42,400	40,300	40,800	40,100	42,200	42,700	42,900	41,000	38,900	41,200	38,900
YEAR 1995			MEAN	42,230	MAX	44,700	MIN	38,900				

PLATTE RIVER BASIN

PHELPS COUNTY CANAL from Platte River via Tri-County Canal, 00122000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	89	89	248	743	933			
2				0	89	147	248	741	851			
3				0	92	171	267	652	780			
4				0	90	141	266	674	772			
5				0	65	79	343	721	820			
6				0	78	79	418	428	852			
7				0	83	84	472	570	873			
8				0	113	90	572	675	783			
9				0	133	102	586	683	715			
10				0	136	128	657	803	689			
11				0	158	138	816	910	633			
12				0	172	130	956	978	530			
13				0	175	141	1,060	968	503			
14				0	181	170	1,110	1,020	440			
15				0	208	185	1,060	1,030	336			
16				0	228	187	1,110	900	319			
17				25	223	187	1,070	918	274			
18				50	218	187	1,050	903	193			
19				73	219	187	1,080	800	138			
20				97	219	187	1,090	784	117			
21				97	219	187	1,090	781	81			
22				97	219	189	1,060	877	32			
23				65	188	187	973	923	32			
24				72	158	190	933	899	32			
25				98	158	191	887	882	0			
26				97	171	192	956	952	0			
27				122	37	193	1,010	934	0			
28				123	0	210	969	924	0			
29		-----		87	0	221	1,070	1,000	0			
30		-----		89	0	239	1,050	1,040	0			
31		-----		-----	40	-----	883	1,010	-----			
TOTAL				1,192	4,159	4,808	25,360	26,123	11,728			
MEAN				39.7	134	160	818	843	391			
MAX				123	228	239	1,110	1,040	933			
MIN				0	0	79	248	428	0			
AC-FT				2,360	8,250	9,540	50,300	51,810	23,260			
YEAR 1995	MAX	1,110	MIN	0	AC-FT	145,500						

PLATTE RIVER BASIN

JOHNSON POWER RETURN to Platte River, 00144000 - 1995

LOCATION.--SE1/4NW1/4 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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	755	912	899	573	537	1,373	1,153	241	47.0	1,677	1,688	1,729
2	760	892	899	531	949	1,336	1,169	52.0	117	1,612	1,752	1,729
3	570	874	843	526	1,196	1,341	1,182	206	252	1,754	1,760	1,614
4	671	916	642	556	1,107	1,379	1,166	368	246	1,677	1,759	1,228
5	696	907	624	490	936	1,515	1,115	322	615	1,741	1,755	1,222
6	724	797	892	493	582	1,505	1,163	646	802	1,631	1,765	1,070
7	720	806	881	487	694	1,639	915	720	346	1,651	1,766	607
8	693	819	882	473	778	1,549	835	878	290	1,677	1,735	523
9	691	861	800	512	791	1,528	761	453	322	1,674	1,712	561
10	703	625	709	517	251	1,543	768	322	336	1,642	1,786	629
11	702	642	710	895	348	1,512	261	196	825	1,587	1,789	590
12	930	679	730	768	621	1,511	169	192	1,028	1,300	1,791	1,001
13	926	622	722	739	642	1,386	160	222	731	1,371	1,721	1,152
14	903	601	722	539	649	1,457	0	110	741	1,548	1,776	1,307
15	843	601	596	509	434	1,448	64.0	363	1,093	1,779	1,755	1,400
16	857	632	585	542	350	1,345	155	245	1,031	1,752	722	1,624
17	907	882	507	536	375	1,313	31.0	131	1,114	1,774	1,746	1,628
18	1,008	971	519	637	602	1,336	356	137	1,099	1,789	1,733	1,634
19	836	830	518	604	445	1,335	501	347	1,332	1,768	1,734	1,595
20	857	894	515	578	531	1,327	228	403	1,495	1,791	1,734	1,105
21	837	938	615	579	593	1,282	0	530	1,658	1,793	1,732	1,414
22	846	743	582	597	487	1,332	0	496	1,746	1,798	1,730	1,500
23	852	721	543	706	484	969	275	316	1,717	1,490	1,731	1,444
24	846	797	505	727	577	1,280	293	264	1,701	1,731	1,733	1,415
25	887	813	500	728	719	1,324	304	147	1,753	1,618	1,735	1,412
26	844	773	679	730	1,111	1,535	94.0	73.0	1,731	1,768	1,736	1,468
27	921	808	529	608	1,601	1,522	451	213	1,703	1,761	1,737	1,381
28	872	781	600	645	1,744	1,474	257	266	1,724	1,690	1,734	1,391
29	864	-----	1,101	610	1,755	1,378	0	130	1,505	1,714	1,728	1,432
30	864	-----	449	547	1,616	1,209	11.0	89.0	1,569	1,728	1,728	1,445
31	857	-----	418	-----	1,661	-----	170	138	-----	1,720	-----	1,489
TOTAL	25,242	22,137	20,716	17,982	25,166	41,983	14,007.0	9,216.0	30,669.0	52,006	51,303	39,739
MEAN	814	791	668	599	812	1,399	452	297	1,022	1,678	1,710	1,282
MAX	1,008	971	1,101	895	1,755	1,639	1,182	878	1,753	1,798	1,791	1,729
MIN	570	601	418	473	251	969	0	52.0	47.0	1,300	722	523
AC-FT	50,068	43,909	41,090	35,667	49,917	83,273	27,783	18,280	60,832	103,154	101,760	78,822
YEAR 1995	MAX	1,798	MIN	0	AC-FT	694,554						

PLATTE RIVER BASIN

PLATTE RIVER below Tri-County Diversion Dam, 00229000 - 1995

LOCATION.--SW1/4SW1/4 Sec. 10-13-29 W. near North Platte, Lincoln County, Lat. 41° 06' 26", Long. 100° 38' 06", on left bank
2.1 miles downstream from Tri-County Diversion Dam, 6.9 miles east of North Platte on Highway 30 then 0.25 mile south
and 0.4 mile west on trail road.

DRAINAGE AREA.--Not determined.

GAGE.--Continuous stage recorder. Elevation of gage approximately 2,750 feet from topographic map.

PERIOD OF RECORD.--Partial year record 1958 - 1966, 1969 - 1992, Continuous record 1993 - present

REMARKS.--E indicates estimated daily discharge. Records fair, except estimated records poor.

EXTREMES FOR CURRENT YEAR.--Peak discharge 14,700 cubic feet per second estimated June 13, gage height unknown; minimum daily
discharge 40 cubic feet per second May 17, 18.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	50	51	52	66	90	3,610	9,020E	2,750E	1,110	895	295	67
2	63	57	50	63	95	4,350	8,450E	1,540E	1,200	749	191	67
3	49	51	59	56	94	5,500	8,010E	1,120E	1,240	303	151	62
4	62	48	55	52	93	5,720E	8,170E	943E	1,250	330	147	63
5	53	51	51	55	94	6,840E	8,730E	1,190	1,290	154	149	59
6	47	48	51	52	90	7,800E	8,680E	1,560	1,270	147	142	58
7	54	45	55	56	85	12,000E	7,680E	1,920	1,350	380	133	55
8	47	44	52	52	80	14,000E	7,120E	1,910	1,320	620	140	50E
9	48	46	46	52	77	14,400E	6,790E	1,720	1,300	724	126	52E
10	50	47	51	52	75	13,900E	6,300E	1,650	1,150	660	107	52
11	54	67	60	54	71	13,900E	5,540E	1,460	1,110	699	118	57
12	55	67	70	61	64	14,000E	4,960E	1,440	1,100	555	113	50
13	58	58	62	85	57	14,700E	4,420E	1,490	942	524	109	71
14	60	58	58	100	46	14,500E	4,230E	1,520	670	434	110	72
15	63	67	55	90	46	14,000E	5,090E	1,640	551	294	92	58
16	65	57	54	78	42	13,300E	6,220E	1,570	496	288	95	61
17	58	59	53	73	40	13,000E	6,600E	1,660	446	261	92	62
18	58	61	57	97	40	10,900E	6,500E	1,590	459	256	75	50
19	57	60	59	134	46	9,580E	6,400E	1,480	628	183	71	54
20	57	63	61	251	46	9,790E	6,500E	1,530	616	120	70	56
21	54	65	63	212	47	9,980E	6,600E	1,580	660	111	76	56
22	54	63	74	133	52	10,000E	6,600E	1,550	615	159	85	54
23	52	59	59	120	59	10,700E	6,600E	1,440	576	286	82	53
24	54	62	61	114	63	11,200E	6,300E	1,260	558	347	86	52
25	49	62	61	107	86	12,000E	6,400E	1,160	535	342	92	55
26	49	63	61	95	240	12,400E	6,000E	1,250	589	336	90	57
27	49	64	60	85	1,610	12,200E	4,470E	1,400	721	351	82	56
28	53	60	62	81	3,100	12,000E	3,440E	1,410	859	377	75	55
29	50	-----	65	72	2,950	11,900E	3,080E	1,250	902	354	63	54
30	48	-----	63	72	2,740	9,780E	2,780E	1,080	964	333	67	57
31	48	-----	67	-----	3,070	-----	2,740E	986	-----	318	-----	54
TOTAL	1,668	1,603	1,807	2,670	15,388	327,950	190,420	46,049	26,477	11,890	3,324	1,779
MEAN	53.8	57.3	58.3	89.0	496	10,930	6,143	1,485	883	384	111	57.4
MAX	65	67	74	251	3,100	14,700	9,020	2,750	1,350	895	295	72
MIN	47	44	46	52	40	3,610	2,740	943	446	111	63	50
AC-FT	3,310	3,180	3,580	5,300	30,520	650,500	377,700	91,340	52,520	23,580	6,590	3,530
YEAR 1995	TOTAL	631,025	MEAN	1,729	MAX	14,700	MIN	40	AC-FT	1,252,000		

PLATTE RIVER BASIN

PLATTE RIVER at Brady, 06766000 - 1995

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 2,639.19 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.
E indicates estimated daily discharge. Records fair, except estimated records 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 15,500 cubic feet per second June 14, combined channel flow; minimum daily discharge 98 cubic feet per second on September 16 & 17, combined channel flow.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	123E	144	106E	139	232	2,830E	10,000	3,010	1,120	863	403	133
2	114E	146	107E	135	277	3,230E	8,980	2,700	1,230	826	345	134
3	114E	142	111E	125	273	4,070E	8,380	1,620	1,240	394	214	134
4	110E	146	118E	116	299	5,100E	8,590	1,160	1,240	288	213	136
5	110E	143	107E	115	278	6,270E	8,940	1,070	1,250	305	212	137
6	112E	144	98E	114	260	7,950E	9,540	1,490	1,250	191	204	137
7	112E	126	101E	113	284	11,400	8,730	1,810	1,200	301	199	134
8	118E	124	113E	109	304	14,100	7,690	1,860	1,150	521	203	109
9	122E	130	124E	110	275	14,600	7,040	1,710	1,100	656	197	107E
10	126E	126	128E	113	244	14,100	6,590	1,650	1,010	683	193	145E
11	128E	111	136E	115	224	14,100	5,640	1,560	956	647	195	149E
12	132E	114	147E	126	211	14,200	4,830	1,440	950	612	194	146E
13	133E	128	155	176	206	15,000	4,420	1,420	876	482	196	141
14	134E	136E	137	195	192	15,100	4,400	1,380	658	485	177	147
15	133E	129E	130	162	180	14,200	4,970	1,440	521	341	174	144E
16	134E	132E	127	142	175	13,500	5,850	1,490	454	291	185	143E
17	134E	131E	123	146	168	14,300	6,730	1,470	432	304	168	132E
18	133E	131E	138	253	167	13,400	6,640	1,470	442	298	170	115E
19	132E	131	139	402	168E	11,500	6,450	1,360	580	290	159	116E
20	129E	125	140	378	168E	10,400	6,680	1,340	582	228	159	118E
21	130E	129	141	400	168E	10,200	6,780	1,460	655	206	158	121E
22	130E	128	134	312	174E	10,200	6,640	1,360	657	214	164	110E
23	133E	124	125	239	197E	10,900	6,650	1,330	603	374	163	115E
24	137E	123	118	219	213E	11,400	6,460	1,250	568	491	164	114E
25	135E	122	120	201	216E	12,200	6,580	1,100	551	492	164	120E
26	138E	118	125	182	252E	12,800	6,100	1,120	574	478	163	119E
27	141E	111	130	167	679E	12,600	5,510	1,230	639	443	163	121E
28	144E	114E	148	159	2,410E	12,400	4,580	1,330	758	473	157	124E
29	143	-----	156	151	2,830E	12,300	3,900	1,260	822	466	157	126E
30	141	-----	142	161	2,420E	11,200	3,390	1,150	909	425	144	126E
31	146	-----	141	-----	2,430E	-----	2,940	1,070	-----	413	-----	130E
TOTAL	4,001	3,608	3,965	5,475	16,574	335,550	200,620	46,110	24,977	13,481	5,757	3,983
MEAN	129	129	128	183	535	11,190	6,472	1,487	833	435	192	128
MAX	146	146	156	402	2,830	15,100	10,000	3,010	1,250	863	403	149
MIN	110	111	98	109	167	2,830	2,940	1,070	432	191	144	107
AC-FT	7,940	7,160	7,860	10,860	32,870	665,600	397,900	91,460	49,540	26,740	11,420	7,900
YEAR 1995	TOTAL	664,101	MEAN	1,819	MAX	15,100	MIN	98	AC-FT	1,317,000		

PLATTE RIVER BASIN

THIRTY MILE CANAL from Platte River, 00141000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	76	100	280	281			
2					0	78	102	284	277			
3					0	78	106	277	279			
4					0	76	107	288	280			
5					0	70	115	280	286			
6					0	55	143	287	277			
7					0	70	154	289	272			
8					0	68	174	288	265			
9					0	73	199	288	238			
10					0	72	242	289	227			
11					0	73	254	283	217			
12					0	75	270	280	194			
13					0	75	278	282	192			
14					0	75	287	286	183			
15					0	74	299	286	52			
16					0	76	302	286	0			
17					0	77	294	287	0			
18					0	74	295	294	0			
19					27	90	296	290	0			
20					70	100	300	293	0			
21					73	101	301	293	0			
22					73	104	305	285	0			
23					73	90	303	282	0			
24					73	103	291	285	0			
25					73	101	295	287	0			
26					74	98	293	288	0			
27					34	101	295	290	0			
28					38	102	290	292	0			
29					68	104	293	297	0			
30		-----			73	103	293	291	0			
31		-----		-----	74	-----	284	285	-----		-----	
TOTAL					823	2,512	7,560	8,892	3,520			
MEAN					26.5	83.7	244	287	117			
MAX					74	104	305	297	286			
MIN					0	55	100	277	0			
AC-FT					1,630	4,980	15,000	17,640	6,980			
YEAR 1995	MAX	305	MIN	0	AC-FT	46,230						

PLATTE RIVER BASIN

GOTHENBURG CANAL from Platte River, 00057000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	51	98	155	360	328	76		
2				0	51	95	158	343	328	77		
3				0	52	95	168	343	329	42		
4				0	51	96	158	349	328	0		
5				0	51	106	161	345	332	0		
6				0	52	102	185	343	319	0		
7				0	53	132	228	347	309	0		
8				0	53	122	270	348	281	0		
9				0	53	115	282	344	261	0		
10				0	52	106	319	344	257	0		
11				0	52	109	333	347	246	0		
12				0	52	113	355	347	210	0		
13				0	51	112	356	347	209	0		
14				0	50	112	369	347	199	0		
15				0	55	109	377	352	137	0		
16				0	128	107	368	356	111	0		
17				0	123	105	370	348	109	0		
18				50	113	100	344	344	99	0		
19				27	101	108	367	343	89	0		
20				27	101	132	354	347	89	0		
21				27	100	123	360	345	88	0		
22				26	100	121	350	342	88	0		
23				31	101	124	355	330	88	0		
24				38	101	125	360	318	88	0		
25				49	100	127	352	318	83	0		
26				49	101	141	352	319	80	0		
27				49	104	168	366	326	78	0		
28				49	96	167	363	326	78	0		
29				49	96	164	368	326	78	0		
30		-----		50	97	158	369	327	77	0		
31		-----		-----	98	-----	365	328	-----	0	-----	
TOTAL				521	2,439	3,592	9,637	10,549	5,396	195		
MEAN				17.4	78.7	120	311	340	180	6.29		
MAX				50	128	168	377	360	332	77		
MIN				0	50	95	155	318	77	0		
AC-FT				1,030	4,840	7,120	19,110	20,920	10,700	387		
YEAR 1995	MAX	377	MIN	0	AC-FT	64,120						

PLATTE RIVER BASIN

BUFFALO CREEK (B-1) RESERVOIR SUPPLY CANAL from Platte River, 00019500 - 1995

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1983, 1985 - present

REMARKS.--E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	26	22	0	6.3	16		
2					0	25	22	0	7.6	8.2		
3					0	23	21	0	8.4	0		
4					0	23	21	0	8.9	0		
5					0	24	21	0	9.6	0		
6					0	25	14	0	9.6	0		
7					0	23	0	0	15	0		
8					0	26	0	0	19	0		
9					0	27	0	0	17	0		
10					0	28	0	0	17	0		
11					0	28	0	0	16	0		
12					0	29	0	0	13	0		
13					0	29	0	0	9.0	0		
14					0	28	0	0	7.7	0		
15					0	26	0	0	13	0		
16					0	24	0	0	17	0		
17					0	21	0	0	16	0		
18					0	23	0	0	18	0		
19					0	26	0	0	23	0		
20					0	26	0	0	24	0		
21					0	26	0	0	26	0		
22					0	24	0	0	26	E	0	
23					0	25	0	0	26	E	0	
24					0	25	0	0	27	E	0	
25					0	23	0	5.5	28	E	0	
26					0	24	0	11	29	E	0	
27					0	28	0	9.9	25	0		
28					24	29	0	9.5	25	0		
29		-----			25	29	0	6.6	25	0		
30		-----			28	27	0	4.9	23	0		
31		-----		-----	28	-----	0	4.9	-----	0	-----	
TOTAL					105	770	121	52.3	535.1	24.2		
MEAN					3.39	25.7	3.90	1.69	17.8	.78		
MAX					28	29	22	11	29	16		
MIN					0	21	0	0	6.3	0		
AC-FT					208	1,530	240	104	1,060	48		
YEAR 1995	MAX	29	MIN	0	AC-FT	3,190						

PLATTE RIVER BASIN

SIX MILE CANAL from Platte River, 00134000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	7.5	1.4	3.0	29			
2					0	4.2	1.3	2.7	29			
3					0	0	1.2	1.1	29			
4					0	0	1.1	19	24			
5					0	0	5.3	30	20			
6					0	0	10	41	16			
7					0	29	10	51	15			
8					0	33	8.7	51	15			
9					0	33	7.8	45	16			
10					0	31	6.8	39	15			
11					0	30	6.1	37	13			
12					0	19	15	29	14			
13					0	0	15	22	11			
14					0	0	11	21	5.6			
15					0	0	8.8	22	3.0			
16					0	0	14	24	3.3			
17					0	0	20	30	2.5			
18					0	0	21	28	1.0			
19					0	0	19	21	0			
20					0	1.6	21	19	0			
21					0	1.8	20	19	0			
22					0	1.5	18	18	0			
23					0	2.0	16	22	0			
24					0	1.8	14	31	0			
25					0	1.7	14	30	0			
26					0	1.7	12	28	0			
27					0	1.7	12	28	0			
28					24	1.6	9.1	30	0			
29		-----			57	1.5	6.1	29	0			
30		-----			32	1.5	3.7	29	0			
31		-----		-----	7.0	-----	3.3	29	-----		-----	
TOTAL					120.0	205.1	332.7	828.8	261.4			
MEAN					3.87	6.84	10.7	26.7	8.71			
MAX					57	33	21	51	29			
MIN					0	0	1.1	1.1	0			
AC-FT					238	407	660	1,640	518			
YEAR 1995	MAX	57	MIN	0	AC-FT	3,470						

PLATTE RIVER BASIN

COZAD CANAL from Platte River, 00033000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	40	69	206	220			
2					0	35	69	203	218			
3					0	30	74	171	218			
4					0	31	87	137	218			
5					0	30	92	200	217			
6					0	26	105	208	200			
7					0	26	117	206	185			
8					0	28	129	229	176			
9					0	42	160	244	167			
10					0	48	202	245	157			
11					0	49	251	241	141			
12					0	50	284	242	131			
13					0	48	254	233	130			
14					0	50	249	226	130			
15					0	49	274	227	42			
16					0	49	279	228	0			
17					0	49	278	227	0			
18					0	49	275	229	0			
19					0	50	278	225	0			
20					0	50	276	227	0			
21					0	51	270	218	0			
22					0	51	260	207	0			
23					0	51	248	214	0			
24					0	52	247	209	0			
25					0	52	248	197	0			
26					8.0	52	249	201	0			
27					15	52	249	201	0			
28					2.9	52	246	214	0			
29		-----			2.3	67	244	218	0			
30		-----			24	70	244	220	0			
31		-----		-----	33	-----	225	219	-----		-----	
TOTAL					85.2	1,379	6,532	6,672	2,550			
MEAN					2.75	46.0	211	215	85.0			
MAX					33	70	284	245	220			
MIN					0	26	69	137	0			
AC-FT					169	2,740	12,960	13,230	5,060			
YEAR 1995	MAX	284	MIN	0	AC-FT	34,150						

PLATTE RIVER BASIN

ORCHARD ALFALEFA CANAL from Platte River, 00117000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	8.3	17	50	63			
2					0	8.2	15	48	52			
3					0	9.0	14	18	49			
4					0	11	23	4.2	49			
5					0	12	37	4.3	50			
6					0	6.3	46	6.9	52			
7					0	5.5	50	10	45			
8					0	6.7	50	56	43			
9					0	6.2	54	64	41			
10					0	6.3	53	69	40			
11					0	5.8	51	70	43			
12					0	6.3	60	68	43			
13					0	7.6	64	69	42			
14					0	13	67	67	42			
15					0	11	74	68	40			
16					0	11	81	66	22			
17					0	8.2	83	61	1.6			
18					7.4	10	77	52	0			
19					16	8.9	77	43	0			
20					16	12	75	44	0			
21					11	13	73	45	0			
22					15	16	73	47	0			
23					21	17	70	48	0			
24					21	18	67	51	0			
25					20	20	69	50	0			
26					21	22	74	56	0			
27					16	22	65	57	0			
28					11	18	62	63	0			
29		-----			13	18	46	66	0			
30		-----			9.1	17	36	65	0			
31		-----		-----	8.5	-----	55	68	-----		-----	
TOTAL					206.0	354.3	1,758	1,554.4	717.6			
MEAN					6.65	11.8	56.7	50.1	23.9			
MAX					21	22	83	70	63			
MIN					0	5.5	14	4.2	0			
AC-FT					409	703	3,490	3,080	1,420			
YEAR 1995	MAX	83	MIN	0	AC-FT	9,100						

PLATTE RIVER BASIN

DAWSON COUNTY CANAL from Platte River, 00037000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	85	128	470	415			
2					0	85	134	470	414			
3					0	87	142	317	414			
4					0	90	150	91	415			
5					0	82	146	200	415			
6					0	70	160	226	351			
7					0	61	179	270	267			
8					0	65	202	355	231			
9					0	75	244	431	199			
10					0	68	289	445	199			
11					0	64	339	457	200			
12					0	73	388	466	201			
13					0	80	434	464	177			
14					0	84	470	459	147			
15					0	83	490	460	41			
16					45	80	494	461	0			
17					85	86	500	458	0			
18					86	95	504	455	0			
19					85	94	505	423	0			
20					83	94	504	378	0			
21					83	102	501	338	0			
22					83	106	491	296	0			
23					83	115	479	295	0			
24					83	115	472	294	0			
25					84	116	472	295	0			
26					87	117	465	295	0			
27					89	119	461	303	0			
28					87	122	457	369	0			
29					85	125	457	407	0			
30					84	124	462	409	0			
31					83	-----	465	415	-----			
TOTAL					1,315	2,762	11,584	11,472	4,086			
MEAN					42.4	92.1	374	370	136			
MAX					89	125	505	470	415			
MIN					0	61	128	91	0			
AC-FT					2,610	5,480	22,980	22,750	8,100			
YEAR 1995	MAX	505	MIN	0	AC-FT	61,920						

PLATTE RIVER BASIN

PLATTE RIVER near Cozad, 06766500 - 1995

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 periods) (monthly discharges only for some periods)

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1991.
E indicates estimated daily discharge. Records fair, except estimated records 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 13,700 cubic feet per second estimate June 10, combined channel flow; minimum daily discharge 117 cubic feet per second August 30, combined channel flow.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	179	263	224	284	371E	2,600	9,730	2,390	183	1,000	534	250
2	168E	257	230	284	410E	3,010	9,140	2,330	192	980	512	243
3	188E	260	226	276	459	3,440	8,550	2,110	183	862	440	238
4	178E	261	242	257	512	4,320	8,080	1,620	189	615	364	235
5	178E	258	239	234	487	5,430	8,020	916	194	511	347	230
6	217E	261	220	231	478	6,460	8,200	1,040E	386	417	342	219
7	246E	253	170	207	536	7,990	8,090	1,040E	472	350	324	209
8	244	242	194	220	598	10,800	7,120	912E	545	439	328	190
9	275	248	241	219	541	12,700	6,310	771E	566	629	334	185E
10	281	249	320	234	494	13,500E	5,710	607E	577	788	334	195E
11	277	217	333	246	446	13,200E	5,170	523E	510	782	317	196
12	286	197E	312	251	422	13,200E	4,450	394E	524	789	320	199
13	294	197E	307	259	403	13,300E	3,970	350E	516	635	311	217
14	293	202E	296	285	368	13,500E	3,610	319E	434	582	299	233
15	305	207E	277	297	344	13,500E	3,630	302E	416	558	297	247
16	319	221	270	292	262	13,200E	3,720	358	505	460	292	261
17	277	247	260	290	150	12,700E	4,170	292	472	429	288	269
18	255	259	275	386E	143	13,700E	4,680	330	448	419	289	225
19	248	259	274	407E	122	12,700E	4,680	341	531	410	285	209
20	283	252	283	480E	132	10,900E	4,640	313	639	359	273	224
21	269	242	276	524E	135	10,100E	4,560	384	679	330	263	225
22	272	242	271	523E	169	9,930E	4,370	437	726	307	264	211
23	253	238	256	463E	213	10,600E	4,220	392	715	310E	261	190
24	248	236	263	398E	216	11,100E	3,950	304	657	450E	260	183
25	246	240	266	349E	182	11,600E	3,820	232	629	570E	257	183
26	248	237	288	324E	215	12,200E	3,720	208	623	560E	255	211
27	267	235	293	317E	542	12,100E	3,480	231	646	540E	252	218
28	278	222	288	295E	1,400	11,300	3,120	240	738	510E	237	205
29	266	-----	283	277E	2,310	10,800	2,790	192	873	550E	248	213
30	259	-----	282	280E	2,560	10,300	2,480	117	976	540E	246	232
31	263	-----	281	-----	2,440	-----	2,450	156	-----	539	-----	229
TOTAL	7,860	6,702	8,240	9,389	18,060	310,180	160,630	20,151	15,744	17,220	9,373	6,774
MEAN	254	239	266	313	583	10,340	5,182	650	525	555	312	219
MAX	319	263	333	524	2,560	13,700	9,730	2,390	976	1,000	534	269
MIN	168	197	170	207	122	2,600	2,450	117	183	307	237	183
AC-FT	15,590	13,290	16,340	18,620	35,820	615,200	318,600	39,970	31,230	34,160	18,590	13,440
YEAR 1995	TOTAL	590,323	MEAN	1,617	MAX	13,700	MIN	117	AC-FT	1,171,000		

PLATTE RIVER BASIN

PLATTE RIVER near Overton, 06768000 - 1995

LOCATION.--NE1/4NW1/4 Sec. 12-8-20 W., Dawson County, Lat. 40° 40' 57", Long. 99° 32' 27", on left bank 25 feet upstream from county highway bridge, 4 miles south of Overton, and 4 miles downstream from Plum Creek.

DRAINAGE AREA.--57,700 square miles, approximately 52,900 square miles contributes directly to surface runoff.

GAGE.--Continuous stage recorder. Gage datum 2,297.83 feet above sea level.

PERIOD OF RECORD.--October 1914 - present, monthly discharges only for some periods, published by USGS in WSP 1310. Published as "near Elm Creek" 1914 - 1915.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1994.
E indicates estimated daily discharge. Records good, except estimated records fair.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 37,600 cubic feet per second June 5, 1935, gage height 6.25 feet, datum then in use. Minimum daily discharge 2.0 cubic feet per second August 31, 1942.

EXTREMES FOR CURRENT YEAR.--Peak discharge 14,500 cubic feet per second June 15, gage height 6.81 feet; minimum daily discharge 539 cubic feet per second September 2.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1,130E	1,590	1,110	958	967	3,940	11,400	2,570	540E	2,850	2,150	2,070
2	1,100E	1,610	1,240	957	1,290	3,820	10,800	2,180	539	2,820	2,030	2,140
3	960E	1,550	1,210	899	1,730	4,030	10,300	2,210	631	2,870	2,010	2,150
4	970E	1,560	1,000	859	1,760	4,610	9,600	2,070	676	2,640	2,050	1,640
5	1,360E	1,450	910	837	1,650	5,520	9,190	1,540	823	2,460	2,080	1,560
6	1,410E	1,380	1,080	837	1,300	6,240	9,130	1,380	1,280	2,210	2,100	1,390
7	1,480E	1,290	1,000	870	1,340	7,580	9,430	1,460	1,050	2,040	2,060	1,020
8	1,430E	1,260	959	811	1,590	9,260	9,060	1,840	913	2,030	2,080	792
9	1,400E	1,260	996	797	1,550	12,300	8,080	1,470	968	2,130	2,050	707
10	1,420E	1,120	1,010	871	1,110	13,700	7,440	1,130	999	2,330	2,090	841
11	1,480E	1,120E	1,020	808	1,210	13,400	7,560	938	1,360	2,360	2,090	876
12	1,610	1,000E	1,070	785	1,190	13,000	5,640	840	1,850	2,010	2,110	1,120
13	1,590	960E	1,020	975	1,300	12,800	4,660	801	1,470	1,910	2,070	1,390
14	1,600	980E	985	853	1,250	13,100	3,810	669	1,390	1,970	2,110	1,690
15	1,410	1,000E	949	830	1,120	14,100	3,460	739	1,550	2,150	2,100	1,890
16	1,530	1,060E	855	889	996	13,700	3,510	795	1,680	2,180	1,170	2,150
17	1,520	1,110	822	858	932	13,000	3,980	729	1,690	2,130	1,950	2,190
18	1,550	1,300	829	1,070	960	13,200	5,140	673	1,850	2,080	2,100	2,150
19	1,510	1,050	800	1,130	923	13,800	5,510	780	1,980	1,990	2,120	2,150
20	1,450	1,230	844	1,180	946	12,800	5,100	854	2,280	2,030	2,150	1,570
21	1,450	1,210	943	1,160	970	11,400	4,760	898	2,440	2,040	2,210	1,690
22	1,440E	1,060	976	1,190	991	11,200	4,610	921	2,560	1,990	2,230	1,990
23	1,420E	1,080	951	1,250	993	11,600	4,700	837	2,660	1,660	2,230	1,880
24	1,450	1,080	923	1,200	1,100	12,400	4,730	783	2,620	1,960	2,200	1,740
25	1,540	1,120	981	1,140	1,250	12,900	4,430	660E	2,580	2,000	2,200	1,720
26	1,470	1,010	1,180	1,090	1,470	13,300	4,250	600E	2,560	2,260	2,230	1,860
27	1,540	1,110	1,030	985	2,400	14,000	4,400	700E	2,600	2,300	2,180	1,880
28	1,580	1,090	1,050	1,030	3,080	13,700	4,090	720E	2,560	2,240	2,150	1,660
29	1,420	-----	1,290	996	3,550	12,800	3,210	600E	2,390	2,260	2,150	1,830
30	1,590	-----	933	966	4,280	12,000	2,720	560E	2,590	2,250	2,150	1,890
31	1,560	-----	823	-----	4,640	-----	2,690	580E	-----	2,220	-----	2,030
TOTAL	44,370	33,640	30,789	29,081	49,838	329,200	187,390	33,527	51,079	68,370	62,600	51,656
MEAN	1,431	1,201	993	969	1,608	10,970	6,045	1,082	1,703	2,205	2,087	1,666
MAX	1,610	1,610	1,290	1,250	4,640	14,100	11,400	2,570	2,660	2,870	2,230	2,190
MIN	960	960	800	785	923	3,820	2,690	560	539	1,660	1,170	707
AC-FT	88,010	66,720	61,070	57,680	98,850	653,000	371,700	66,500	101,300	135,600	124,200	102,500
YEAR 1995	TOTAL	971,540	MEAN	2,662	MAX	14,100	MIN	539	AC-FT	1,927,000		

PLATTE RIVER BASIN

KEARNEY CANAL from Platte River, 00073000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	342	238	307	250			
2					68	334	233	313	210			
3					125	336	231	299	282			
4					108	345	224	295	302			
5					98	348	280	259	294			
6					93	361	331	258	347			
7					90	366	323	289	335			
8					86	358	317	302	295			
9					81	363	307	292	297			
10					75	315	294	268	300			
11					69	304	277	237	295			
12					64	294	246	199	272			
13					56	289	271	271	203			
14					48	285	304	258	181			
15					119	285	326	243	175			
16					218	283	325	301	204			
17					256	274	326	285	213			
18					256	268	337	256	213			
19					264	264	350	292	156			
20					274	240	348	314	66			
21					274	235	334	313	19			
22					276	254	322	324	3.0			
23					278	251	326	324	0			
24					279	248	335	313	0			
25					286	252	326	296	0			
26					305	253	327	245	0			
27					346	250	329	198	0			
28					325	250	336	297	0			
29		-----			331	249	303	295	0			
30		-----			363	246	301	269	0			
31		-----		-----	354	-----	296	241	-----		-----	
TOTAL					5,865	8,742	9,423	8,653	4,912.0			
MEAN					189	291	304	279	164			
MAX					363	366	350	324	347			
MIN					0	235	224	198	0			
AC-FT					11,630	17,340	18,690	17,160	9,740			
YEAR 1995	MAX	366	MIN	0	AC-FT	74,570						

PLATTE RIVER BASIN

KEARNEY POWER RETURN to Platte River, 00075000 - 1995

LOCATION.--NE1/4NE1/4 Sec. 3-8-16 W., at Kearney

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1939 - present

REMARKS.--E indicates estimated daily discharge due to missing gage height record.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	285E	97	252	186			
2					0	275E	99	234	169			
3					50E	265E	101	227	196			
4					100E	265E	113	226	236			
5					85E	275E	103	217	232			
6					75E	275E	152	175	247			
7					70E	270E	227	249	260			
8					70E	250E	236	264	214			
9					65E	220E	228	265	214			
10					65E	200E	212	239	228			
11					60E	140E	201	209	226			
12					55E	135E	176	168	208			
13					50E	125E	159	193	167			
14					45E	120E	175	215	131			
15					35E	120E	180	184	108			
16					95E	120E	179	227	146			
17					208E	120E	196	232	163			
18					200E	115E	242	217	178			
19					200E	110E	262	222	157			
20					210E	110E	211	257	89			
21					220E	100E	195	251	20			
22					220E	100E	191	249	5.2			
23					225E	110E	214	264	2.8			
24					225E	110E	233	254	2.6			
25					225E	110E	233	237	2.4			
26					230E	109E	210	207	2.2			
27					240E	110E	162	153	0			
28					275E	106	166	172	0			
29		-----			260E	99	199	224	0			
30		-----			270E	100	188	210	0			
31		-----		-----	290E	-----	220	192	-----		-----	
TOTAL					4,418	4,849	5,760	6,885	3,790.2			
MEAN					143	162	186	222	126			
MAX					290	285	262	265	260			
MIN					0	99	97	153	0			
AC-FT					8,760	9,620	11,420	13,660	7,520			
YEAR 1995	TOTAL	25,702.2	MEAN	168	MAX	290	MIN	0	AC-FT	50,980		

PLATTE RIVER BASIN

PLATTE RIVER near Odessa, 06770000 - 1995

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.
E indicates estimated daily discharge. Estimated daily discharge: January 4-16, March 6-10, December 10-16; due to backwater from ice conditions. Records good except for estimated records, which 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 16,500 cubic feet per second June 10, gage height 7.94 feet; minimum daily discharge 399 cubic feet per second September 2.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	999	1,530	1,180	803	1,170	3,900	11,600	3,580	403	2,640	2,130	2,030
2	1,100	1,590	1,270	978	1,260	3,610	11,100	3,070	399	2,670	1,980	2,030
3	1,060	1,500	1,270	984	1,940	3,730	10,700	2,840	432	2,680	1,920	1,930
4	1,010	1,460	1,270	879	2,020	4,200	10,500	2,820	513	2,570	1,890	1,530
5	1,160	1,430	1,110	973	2,030	5,430	9,650	2,320	512	2,380	1,910	1,490
6	1,040E	1,450	1,080E	907	1,560	6,450	9,210	2,010	938	2,290	2,000	1,370
7	1,080E	1,230	1,280E	867	1,500	7,650	9,250	1,820	1,010	2,200	1,980	1,170
8	1,160E	1,140	1,280E	809	2,020	8,490	8,970	2,030	832	2,260	2,020	844
9	1,160E	1,150	1,280E	711	2,130	11,300	8,030	1,880	869	2,260	2,110	707
10	1,160E	1,200	1,240E	779	1,880	15,600	6,700	1,510	938	2,380	2,180	740E
11	1,180E	1,020	1,210	823	1,490	16,000	6,050	1,230	1,020	2,500	2,150	820E
12	1,180E	1,050	1,230	1,150	1,490	14,400	4,650	962	1,560	2,460	2,160	820E
13	1,400E	1,130	1,280	1,040	1,700	13,400	3,960	733	1,470	2,050	2,090	1,360E
14	1,400E	1,110	1,220	1,010	1,610	13,200	3,180	631	1,440	2,160	2,060	1,500E
15	1,400E	1,110	1,190	890	1,520	14,000	2,720	577	1,410	2,260	1,980	1,650E
16	1,400E	1,140	1,020	829	1,060	15,200	2,810	817	1,510	2,380	1,680	1,800E
17	1,300	1,180	968	823	935	14,400	3,220	672	1,540	2,260	1,240	1,870
18	1,290	1,420	965	1,150	914	13,800	4,190	609	1,610	2,210	1,750	1,850
19	1,400	1,400	985	1,210	1,010	14,500	5,090	618	1,630	2,110	1,730	1,910
20	1,290	1,240	1,020	1,280	1,050	14,700	5,170	817	1,920	1,960	1,740	1,600
21	1,310	1,290	1,040	1,230	1,080	12,900	4,440	825	2,040	1,890	1,770	1,330
22	1,320	1,320	1,140	1,180	1,260	11,100	4,430	953	2,210	1,940	1,830	1,580
23	1,340	1,130	1,080	1,170	1,410	10,800	4,600	932	2,310	1,700	1,810	1,620
24	1,390	1,140	987	1,140	1,460	10,800	4,840	815	2,280	1,910	1,860	1,650
25	1,410	1,310	1,090	1,080	1,400	11,700	4,330	718	2,270	2,010	1,920	1,630
26	1,510	1,320	1,550	1,090	1,570	12,400	3,980	600	2,310	2,160	1,890	1,570
27	1,620	1,210	1,310	1,050	3,620	13,300	4,010	558	2,390	2,350	1,780	1,590
28	1,730	1,170	1,040	1,040	5,760	13,700	4,340	581	2,490	2,300	1,780	1,540
29	1,540	-----	1,240	1,100	5,470	12,900	3,340	544	2,610	2,290	1,920	1,630
30	1,680	-----	1,210	1,100	4,620	12,200	2,920	470	2,400	2,260	2,050	1,630
31	1,560	-----	877	-----	4,660	-----	3,020	406	-----	2,200	-----	1,660
TOTAL	40,579	35,370	35,912	30,075	62,599	335,760	181,000	38,948	45,266	69,690	57,310	46,451
MEAN	1,309	1,263	1,158	1,003	2,019	11,190	5,839	1,256	1,509	2,248	1,910	1,498
MAX	1,730	1,590	1,550	1,280	5,760	16,000	11,600	3,580	2,610	2,680	2,180	2,030
MIN	999	1,020	877	711	914	3,610	2,720	406	399	1,700	1,240	707
AC-FT	80,490	70,160	71,230	59,650	124,200	666,000	359,000	77,250	89,790	138,200	113,700	92,140
YEAR 1995	TOTAL	978,960	MEAN	2,682	MAX	16,000	MIN	399	AC-FT	1,942,000		

PLATTE RIVER BASIN

WOOD RIVER near Alda, 06772000 - 1995

LOCATION.--NEL/4SE1/4 Sec. 7,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.
 E indicates estimated daily discharge. Records fair except for period of estimated record, which is poor.
 Numerous small pump diversions for irrigation above station.

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

EXTREMES FOR CURRENT YEAR.--Peak discharge 486 cubic feet per second on May 30, gage height 9.94 feet.
 Minimum daily discharge zero Sep. 27 - Oct. 24.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	1.7E	2.5E	4.5E	20	10 E	135	19	40	26	0	1.8E	1.9E
2	1.5E	3.0E	4.3E	16	11 E	82	17	40	18	0	1.7E	2.3E
3	1.2E	3.5E	4.3E	12	12 E	75	16	95	12	0	1.6E	2.1E
4	1.0E	3.3E	4.5E	11	12 E	57	18	96	9.8	0	1.8E	2.0E
5	1.1E	3.0E	4.3E	14	13	67	20	35	7.5	0	1.9E	1.9E
6	1.3E	3.1E	4.0E	11	13	49	17	26	5.1	0	2.1E	1.8E
7	1.5E	3.0E	3.8E	11	18	46	143	20	5.3	0	2.2	1.7E
8	1.7E	2.9E	3.5E	11	21	50	123	119	5.0	0	2.3	1.8E
9	1.9E	2.9E	4.5E	9.1	20	45	39	253	5.4	0	2.5	1.7E
10	1.9E	3.0E	6.0E	8.7	24	48	26	66	5.0	0	2.6	1.5E
11	2.0E	2.8E	8.9	8.8	26	43	22	32	6.0	0	4.7	1.8E
12	2.1E	2.6E	6.8	8.0	25	85	18	21	6.3	0	7.2	2.0E
13	2.4E	2.5E	6.0	7.5	21	85	16	23	4.7	0	3.8	2.2E
14	2.3E	2.6E	5.2	6.4	16	55	16	22	3.2	0	3.0	2.3E
15	2.3E	2.8E	5.6	5.2	13	40	16	19	3.8	0	1.5	2.2E
16	2.4E	2.8E	5.3	5.0	12	39	18	22	2.6	0	1.5	2.3E
17	2.3E	3.1E	5.0	4.9	13	30	20	23	2.1	0	1.6	2.4E
18	2.1E	3.2E	4.5	6.5	9.7	25	22	22	1.8	0	2.0	2.3E
19	2.2E	4.0E	4.5	5.9	10	22	22	18	1.6	0	1.7	2.2E
20	2.2E	3.8E	5.0	6.5	9.3	20	27	16	1.2	0	1.4	2.1E
21	2.1E	4.2E	4.8	7.8	8.0	18	32	14	1.0	0	1.3E	2.2E
22	1.8E	4.5E	7.4	5.4	7.5	17	26	16	.99	0	1.2E	2.1E
23	1.9E	4.3E	7.3	5.1	10	18	35	16	.99	0	1.2E	1.8E
24	2.0E	4.0E	6.9	4.4	10	20	38	24	.68	0	1.3E	1.8E
25	2.0E	4.3E	7.3	6.3E	9.0	20	26	24	.31	1.1	1.3E	1.9E
26	2.0E	4.5E	11	7.0E	13	141	53	20	.05	1.6	1.4E	2.1E
27	2.1E	4.5E	21	7.6E	39	64	88	18	0	1.8	1.5E	1.9E
28	2.4E	4.3E	14	8.3E	200	35	43	14	0	2.9	1.3E	1.9E
29	2.2E	-----	44	9.0E	402	27	42	11	0	2.3	1.4E	2.0E
30	2.2E	-----	63	9.6E	468	22	36	10	0	1.8	1.5E	1.9E
31	2.2E	-----	30	-----	398	-----	36	13	-----	1.8	-----	1.8E
TOTAL	60.0	95.0	317.2	259.0	1,873.5	1,480	1,090	1,188	136.42	13.3	62.3	61.9
MEAN	1.94	3.39	10.2	8.63	60.4	49.3	35.2	38.3	4.55	.43	2.08	2.00
MAX	2.4	4.5	63	20	468	141	143	253	26	2.9	7.2	2.4
MIN	1.0	2.5	3.5	4.4	7.5	17	16	10	0	0	1.2	1.5
AC-FT	119	188	629	514	3,720	2,940	2,160	2,360	271	26	124	123
YEAR 1995	TOTAL	6,636.62	MEAN	18.2	MAX	468	MIN	0	AC-FT	13,160		

PLATTE RIVER BASIN (LOUP RIVER)

SARGENT CANAL from Middle Loup River, 00130000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	39	147	182			
2						0	39	123	119			
3						0	44	121	101			
4						0	58	135	98			
5						0	58	139	105			
6						0	58	138	117			
7						0	72	169	128			
8						0	90	182	138			
9						0	91	195	145			
10						0	116	203	143			
11						0	167	201	138			
12						0	196	182	111			
13						0	219	179	86			
14						0	237	182	72			
15						0	213	181	63			
16						0	196	185	49			
17						0	172	172	44			
18						0	164	164	44			
19						0	161	99	44			
20						0	171	80	14			
21						0	189	93	0			
22						0	199	91	0			
23						0	201	83	0			
24						0	213	88	0			
25						13	204	115	0			
26						47	174	131	0			
27						48	167	135	0			
28						48	169	177	0			
29		-----				42	171	202	0			
30		-----				39	172	214	0			
31		-----		-----		-----	196	220	-----		-----	
TOTAL						237	4,616	4,726	1,941			
MEAN						7.90	149	152	64.7			
MAX						48	237	220	182			
MIN						0	39	80	0			
AC-FT						470	9,160	9,370	3,850			
YEAR 1995	MAX	237	MIN	0	AC-FT	22,850						

PLATTE RIVER BASIN (LOUP RIVER)

MIDDLE LOUP CANAL NO. 1 from Middle Loup River, 00090000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	13	15	30	39			
2					0	12	15	28	36			
3					0	11	14	33	38			
4					0	10	14	45	37			
5					0	9.4	15	43	37			
6					0	8.8	17	32	40			
7					0	8.6	21	32	40			
8					0	12	22	33	38			
9					0	17	25	35	36			
10					0	16	29	37	36			
11					0	15	33	37	37			
12					0	14	39	37	37			
13					0	14	44	36	40			
14					0	13	41	37	37			
15					13	13	43	39	31			
16					19	13	45	39	28			
17					19	13	41	39	26			
18					18	13	42	38	21			
19					17	13	43	35	19			
20					17	13	46	34	16			
21					16	13	45	33	5.9			
22					14	13	44	33	0			
23					11	13	44	33	0			
24					10	13	39	35	0			
25					9.8	12	22	36	0			
26					9.7	12	27	35	0			
27					11	11	31	35	0			
28					11	12	40	34	0			
29		-----			10	13	44	37	0			
30		-----			12	14	44	41	0			
31		-----		-----	14	-----	43	41	-----		-----	
TOTAL					231.5	377.8	1,027	1,112	674.9			
MEAN					7.47	12.6	33.1	35.9	22.5			
MAX					19	17	46	45	40			
MIN					0	8.6	14	28	0			
AC-FT					459	749	2,040	2,210	1,340			
YEAR 1995	MAX	46	MIN	0	AC-FT	6,790						

PLATTE RIVER BASIN (LOUP RIVER)

MIDDLE LOUP CANAL NO. 1 PUMP from Middle Loup River, 00090200 - 1995

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

GAGE.--Flow Meter

PERIOD OF RECORD.--1987 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1							0	0	9.0			
2							0	0	9.0			
3							0	0	9.0			
4							0	0	2.8			
5							0	0	0			
6							0	0	0			
7							0	0	5.8			
8							0	0	9.0			
9							0	0	9.0			
10							0	0	9.0			
11							6.0	5.8	9.0			
12							9.0	9.0	3.2			
13							9.0	9.0	0			
14							9.0	9.0	0			
15							9.0	9.0	0			
16							9.0	9.0	0			
17							9.0	9.0	0			
18							9.0	5.2	0			
19							9.0	0	0			
20							9.0	0	0			
21							9.0	0	0			
22							9.0	0	0			
23							9.0	0	0			
24							6.8	0	0			
25							0	5.8	0			
26							0	9.0	0			
27							0	9.0	0			
28							0	9.0	0			
29		-----					6.6	9.0	0			
30		-----					9.0	9.0	0			
31		-----		-----		-----	3.2	9.0	-----		-----	
TOTAL							139.6	124.8	74.8			
MEAN							4.50	4.03	2.49			
MAX							9.0	9.0	9.0			
MIN							0	0	0			
AC-FT							277	248	148			
YEAR 1995	MAX	9.0	MIN	0	AC-FT	673						

PLATTE RIVER BASIN (LOUP RIVER)

MIDDLE LOUP CANAL NO. 2 from Middle Loup River, 00091000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	16	16	40	50	30		
2					0	15	15	39	48	21		
3					0	16	15	38	49	0		
4					0	15	14	37	48	0		
5					0	15	13	35	47	0		
6					0	14	16	32	46	0		
7					0	14	26	32	47	0		
8					0	14	34	33	46	0		
9					0	14	43	34	46	0		
10					0	15	51	37	46	0		
11					0	15	57	45	45	0		
12					0	15	63	48	39	0		
13					0	15	65	48	36	0		
14					0	15	63	51	35	0		
15					0	14	61	53	32	0		
16					16	15	59	51	29	0		
17					26	14	56	48	29	0		
18					24	14	58	44	26	0		
19					24	13	57	43	24	0		
20					24	12	56	42	21	0		
21					24	11	55	41	19	0		
22					24	12	54	40	19	0		
23					25	12	54	40	17	0		
24					25	10	53	40	14	0		
25					24	9.6	40	42	11	0		
26					24	9.2	36	43	24	0		
27					28	8.7	40	43	25	0		
28					30	11	43	44	24	0		
29		-----			28	15	50	49	25	0		
30		-----			22	15	51	53	27	0		
31		-----		-----	16	-----	46	52	-----	0	-----	
TOTAL					384	403.5	1,360	1,317	994	51		
MEAN					12.4	13.5	43.9	42.5	33.1	1.65		
MAX					30	16	65	53	50	30		
MIN					0	8.7	13	32	11	0		
AC-FT					762	800	2,700	2,610	1,970	101		
YEAR 1995	MAX	65	MIN	0	AC-FT	8,940						

**PLATTE RIVER BASIN
(LOUP RIVER)**

MIDDLE LOUP CANAL NO. 3 from Middle Loup River, 00092000 - 1995

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.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	33	24	85	122			
2					0	30	21	77	121			
3					0	29	22	75	121			
4					0	29	21	92	118			
5					0	28	35	109	119			
6					0	27	66	58	118			
7					0	27	76	30	111			
8					0	28	77	25	106			
9					0	28	91	29	99			
10					0	29	110	45	101			
11					0	29	123	63	94			
12					0	29	120	91	89			
13					0	29	128	104	91			
14					0	29	137	120	93			
15					0	29	140	123	96			
16					0	30	130	99	97			
17					59	30	136	121	99			
18					74	30	137	104	91			
19					57	23	153	53	66			
20					54	22	143	57	54			
21					52	21	151	61	27			
22					51	20	153	64	0			
23					49	21	132	64	0			
24					49	19	131	73	0			
25					48	18	75	90	0			
26					51	19	75	92	0			
27					52	21	80	86	0			
28					51	21	93	96	0			
29		-----			51	21	123	110	0			
30		-----			43	23	132	121	0			
31		-----		-----	35	-----	119	122	-----		-----	
TOTAL					776	772	3,154	2,539	2,033			
MEAN					25.0	25.7	102	81.9	67.8			
MAX					74	33	153	123	122			
MIN					0	18	21	25	0			
AC-FT					1,540	1,530	6,260	5,040	4,030			
YEAR 1995	MAX	153	MIN	0	AC-FT	18,390						

PLATTE RIVER BASIN (LOUP RIVER)

MIDDLE LOUP CANAL NO. 4 from Middle Loup River, 00093000 - 1995

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.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	41	27	73	91			
2					0	41	27	68	70			
3					0	41	28	69	71			
4					0	39	29	69	73			
5					0	37	29	80	88			
6					0	37	37	50	91			
7					0	37	50	38	90			
8					0	36	53	37	89			
9					0	35	65	37	85			
10					0	35	93	57	87			
11					0	35	121	69	87			
12					0	35	129	92	87			
13					0	35	136	112	87			
14					0	35	134	116	88			
15					0	35	140	110	89			
16					0	36	135	104	90			
17					62	38	122	99	93			
18					75	39	109	95	78			
19					52	38	113	62	56			
20					52	33	111	63	52			
21					52	29	115	71	28			
22					52	29	125	76	0			
23					52	29	127	74	0			
24					50	28	103	75	0			
25					49	27	58	82	0			
26					49	28	57	88	0			
27					51	28	70	89	0			
28					54	28	91	103	0			
29		-----			54	28	103	99	0			
30		-----			48	27	110	100	0			
31		-----	-----	-----	41	-----	99	100	-----	-----		
TOTAL					793	1,019	2,746	2,457	1,670			
MEAN					25.6	34.0	88.6	79.3	55.7			
MAX					75	41	140	116	93			
MIN					0	27	27	37	0			
AC-FT					1,570	2,020	5,450	4,870	3,310			
YEAR 1995	MAX	140	MIN	0	AC-FT	17,230						

PLATTE RIVER BASIN (LOUP RIVER)

FARWELL (SHERMAN FEEDER) CANAL from Middle Loup River, 00047000 - 1995

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 216 A.F. delivered to Middle Loup Canal No. 4.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	359	78	348	306	222	396		
2				0	362	61	365	354	254	407		
3				0	344	63	392	375	253	407		
4				0	350	62	416	355	264	408		
5				0	361	64	404	346	287	409		
6				0	364	60	421	374	321	407		
7				0	360	164	447	405	348	411		
8				0	358	214	440	405	350	402		
9				0	357	211	411	385	317	383		
10				0	357	208	375	271	342	395		
11				0	347	205	305	254	355	384		
12				0	353	210	229	209	383	377		
13				0	356	207	142	161	384	391		
14				0	357	212	131	170	397	386		
15				0	360	213	153	211	398	379		
16				0	348	249	191	242	407	374		
17				0	335	274	221	230	415	360		
18				0	368	273	251	238	430	394		
19				0	352	290	257	304	417	371		
20				0	354	329	248	332	406	240		
21				0	358	352	218	376	410	259		
22				0	357	349	210	390	404	189		
23				0	355	353	222	391	381	45		
24				37	354	316	250	386	394	0		
25				96	350	339	349	371	404	0		
26				150	356	350	360	340	403	0		
27				222	354	350	330	325	410	0		
28				278	355	355	305	306	409	0		
29		-----		321	331	357	264	258	410	0		
30		-----		351	197	348	213	200	400	0		
31		-----		-----	98	-----	227	198	-----	0	-----	
TOTAL				1,455	10,567	7,116	9,095	9,468	10,975	8,174		
MEAN				48.5	341	237	293	305	366	264		
MAX				351	368	357	447	405	430	411		
MIN				0	98	60	131	161	222	0		
AC-FT				2,890	20,960	14,110	18,040	18,780	21,770	16,210		
YEAR 1995	MAX	447	MIN	0	AC-FT	112,800						

**PLATTE RIVER BASIN
(LOUP RIVER)**

MIDDLE LOUP CANAL NO. 4 from Sherman Feeder Canal, 00093200 - 1995

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.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1							0	0				
2							0	0				
3							0	0				
4							0	0				
5							0	0				
6							1.5	0				
7							1.0	0				
8							0	0				
9							0	0				
10							0	0				
11							0	0				
12							9.4	9.4				
13							16	6.7				
14							16	1.0				
15							7.1	6.3				
16							0	3.2				
17							0	0				
18							0	0				
19							0	0				
20							3.6	0				
21							2.4	0				
22							0	0				
23							0	0				
24							0	0				
25							0	0				
26							0	0				
27							0	0				
28							0	6.3				
29		-----					0	8.8				
30		-----		-----		-----	0	7.4				
31		-----		-----		-----	0	2.7	-----		-----	
TOTAL							57.0	51.8				
MEAN							1.84	1.67				
MAX							16	9.4				
MIN							0	0				
AC-FT							113	103				
YEAR 1995	MAX	16	MIN	0	AC-FT	216						

PLATTE RIVER BASIN (LOUP RIVER)

MUD CREEK near Sweetwater, 06783500 - 1995

LOCATION.--NE1/4SE1/4 Sec. 12-12-13 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, approximately 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.
E indicates estimated daily discharge. Records good, except estimated records 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.

EXTREMES FOR CURRENT YEAR.--Peak discharge 577 cubic feet per second May 27, gage height 12.02 feet; minimum daily discharge 8.9 cubic feet per second September 1.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	24E	28E	30E	39	55	92	45E	15	8.9	21	24	23E
2	25E	27E	29E	37	59	75	44E	22	13	21	26	22E
3	23E	26E	28E	37	62	101	43E	21	15	24	26	21E
4	21E	27E	30E	36	74	110	41E	18	16	27	27	22E
5	22E	26E	30E	34	66	80	39E	39	17	23	26	22E
6	23E	25E	29E	34	63	72	38E	341	15	21	25	21E
7	22E	24E	27E	34	68	85	36E	180	16	21	25	19E
8	21E	23E	26E	34	75	158	33	98	16	20	26	18E
9	22E	24E	27E	34	73	208	30	44	14	21	27E	18E
10	23E	23E	30E	34	80	179	29	36	14	22	28E	19E
11	24E	22E	35E	35	67	131	28	30	17	20	28E	21E
12	26E	24E	39	35	69	111	26	27	19	20	26E	23E
13	25E	25E	37	35	135	82	22	27	16	20	27	26E
14	26E	24E	35	36	74	69	24	25	13	20	26	27E
15	27E	25E	33	36	59	62	30	24	13	19	26	27E
16	27E	26E	32	36	54	58	25	25	13	18	26	26E
17	26E	27E	31	37	51	54	25	25	16	20	25	25E
18	26E	28E	33	46	47	51	26	21	16	20	25	24E
19	26E	30E	34	49	45	48	25	19	17	20	25	25E
20	25E	31	34	52	44	46	26	23	17	20	24	25E
21	26E	30	35	60	43	43	25	37	26	20	24	24E
22	25E	30	33	51	45	41	24	29	30	20	24	23E
23	24E	30	31	47	55	41	24	21	22	21	23	23E
24	25E	30	31	46	58	44	21	19	19	23	23	22E
25	26E	31	34	44	50	48	18	18	19	23	23	23E
26	25E	33	76	43	55	53	17	16	17	23	23	24E
27	27E	35	63	43	269	45E	19	18	16	23	23	26E
28	28E	32E	53	43	325	45E	18	19	16	23	22E	24E
29	27E	-----	56	43	221	44E	18	19	16	22	21E	25E
30	26E	-----	44	45	256	41E	15	15	20	23	22E	26E
31	27E	-----	41	-----	133	-----	16	10	-----	24	-----	25E
TOTAL	770	766	1,126	1,215	2,830	2,317	850	1,281	502.9	663	746	719
MEAN	24.8	27.4	36.3	40.5	91.3	77.2	27.4	41.3	16.8	21.4	24.9	23.2
MAX	28	35	76	60	325	208	45	341	30	27	28	27
MIN	21	22	26	34	43	41	15	10	8.9	18	21	18
AC-FT	1,530	1,520	2,230	2,410	5,610	4,600	1,690	2,540	998	1,320	1,480	1,430

PLATTE RIVER BASIN (LOUP RIVER)

SHERMAN RESERVOIR storage in acre-feet, 06784200 - 1995

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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	52,720	51,770	51,060	50,580	51,770	69,650	69,080	49,560	32,050	41,330	54,190	52,480
2	52,720	51,770	50,820	50,350	52,480	69,650	69,080	49,190	31,370	41,960	53,550	52,480
3	52,720	51,770	50,820	50,350	52,970	69,650	69,080	48,500	30,860	42,590	53,550	52,480
4	52,720	51,770	50,820	50,350	53,700	69,650	69,080	48,040	30,440	43,640	53,700	52,720
5	52,720	51,770	50,820	50,350	54,190	69,650	69,370	47,590	29,850	44,070	53,700	52,240
6	52,720	51,770	50,820	50,350	54,920	69,650	69,370	47,140	29,530	44,720	53,700	52,240
7	52,480	51,770	50,820	50,110	55,670	69,940	69,370	46,920	29,200	45,580	52,970	52,240
8	52,480	51,770	50,820	50,110	56,170	69,370	69,370	46,700	28,870	46,250	53,550	52,000
9	52,480	51,770	50,580	50,110	56,930	69,370	69,080	46,480	28,710	46,700	53,940	51,530
10	52,480	51,770	50,580	50,110	57,430	69,370	68,790	46,030	28,710	47,310	52,970	51,530
11	52,480	51,530	50,580	50,110	57,950	69,370	68,210	46,370	28,550	48,040	52,970	52,240
12	52,480	51,530	50,580	50,110	58,720	69,370	67,370	44,720	28,550	48,960	52,970	52,240
13	52,480	51,530	50,580	49,880	59,240	69,370	65,970	43,860	28,710	48,960	52,970	52,240
14	52,480	51,530	50,580	49,880	60,010	69,370	64,580	43,210	28,870	49,650	53,210	52,000
15	52,240	51,530	50,580	49,880	60,280	69,370	63,220	42,170	29,040	50,350	52,970	52,000
16	52,240	51,530	50,580	49,880	61,080	69,370	61,610	41,130	29,360	50,820	53,550	52,000
17	52,240	51,530	50,580	49,880	61,610	69,080	60,540	40,320	29,850	51,290	52,970	51,770
18	52,240	51,530	50,580	50,110	61,870	69,080	59,500	39,310	20,520	52,000	52,970	51,770
19	52,240	51,290	50,580	49,880	62,400	69,080	58,460	38,520	31,200	52,240	52,970	52,000
20	52,240	51,290	50,580	49,880	63,220	69,080	57,430	37,940	32,750	52,970	52,720	52,000
21	52,240	51,290	50,350	49,880	63,490	69,080	56,420	37,540	33,630	53,700	52,970	52,000
22	52,240	51,290	50,350	49,880	64,040	69,080	55,670	37,160	34,360	53,940	53,210	52,000
23	52,000	51,290	50,350	49,880	64,860	69,080	54,920	36,970	35,090	54,190	52,480	52,000
24	52,000	51,290	50,350	49,880	65,130	69,370	54,190	36,780	35,840	53,700	53,210	51,770
25	52,000	51,290	50,580	49,880	65,690	69,080	53,700	36,590	36,780	54,430	53,210	51,770
26	52,000	51,060	50,280	49,880	66,530	69,080	53,550	36,400	37,350	54,970	53,210	51,530
27	52,000	51,060	50,280	49,880	67,650	69,080	53,210	36,020	38,130	54,430	52,720	51,770
28	52,000	51,060	50,280	50,110	68,500	69,080	52,720	36,650	38,910	54,190	52,480	51,770
29	52,000	-----	50,580	50,820	68,790	69,080	52,240	34,910	39,910	54,190	52,720	51,770
30	52,000	-----	50,580	51,060	69,080	69,080	51,530	34,180	40,520	53,940	52,970	51,770
31	51,770	-----	50,580	-----	69,370	-----	50,820	33,110	-----	53,940	-----	51,530
MAX	52,720	51,770	51,060	51,060	69,370	69,940	69,370	49,560	40,520	54,970	54,190	52,720
MIN	51,770	51,060	50,280	49,880	51,770	69,080	50,820	33,110	20,520	41,330	52,480	51,530
CHANGE	-950	-710	-480	480	18,310	-290	-18,260	-17,710	7,410	13,420	-970	-1,440
YEAR 1995			MEAN	52,078	MAX	69,940	MIN	20,520				

PLATTE RIVER BASIN (LOUP RIVER)

FARWELL "MAIN" CANAL from Sherman Reservoir, 00048000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	163	384	330			
2						0	163	373	273			
3						0	163	373	255			
4						0	158	358	245			
5						0	156	327	242			
6						0	184	320	229			
7						63	240	328	212			
8						96	378	353	206			
9						92	363	365	191			
10						83	407	373	189			
11						77	453	380	175			
12						77	483	343	158			
13						86	495	330	145			
14						89	500	339	127			
15						89	495	356	86			
16						104	490	373	0			
17						111	466	365	0			
18						111	442	352	0			
19						113	434	314	0			
20						127	417	306	0			
21						133	396	310	0			
22						143	373	306	0			
23						149	368	278	0			
24						151	322	277	0			
25						153	316	267	0			
26						154	316	299	0			
27						156	328	299	0			
28						156	344	316	0			
29		-----				160	365	347	0			
30		-----				162	373	356	0			
31		-----		-----		-----	406	352	-----		-----	
TOTAL						2,835	10,957	10,439	3,063			
MEAN						94.5	353	337	102			
MAX						162	500	384	330			
MIN						0	156	277	0			
AC-FT						5,620	21,730	20,710	6,080			
YEAR 1995	MAX	500	MIN	0	AC-FT	54,140						

**PLATTE RIVER BASIN
(LOUP RIVER)**

FARWELL "SOUTH" CANAL from Sherman Reservoir, 00049000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	82	217	208			
2						0	83	214	197			
3						0	82	220	194			
4						0	75	217	186			
5						0	73	208	186			
6						0	88	204	186			
7						40	121	157	188			
8						60	165	119	173			
9						60	173	113	148			
10						60	199	109	142			
11						60	243	132	133			
12						60	271	169	119			
13						60	283	180	104			
14						59	294	214	92			
15						59	298	238	65			
16						59	294	246	0			
17						60	283	243	0			
18						60	279	235	0			
19						63	279	208	0			
20						67	279	203	0			
21						74	251	188	0			
22						76	228	169	0			
23						76	220	159	0			
24						76	164	153	0			
25						77	140	161	0			
26						80	128	177	0			
27						82	143	184	0			
28						82	158	199	0			
29		-----				83	183	218	0			
30		-----				83	191	232	0			
31		-----		-----	-----	-----	219	228	-----		-----	
TOTAL						1,616	5,969	5,914	2,321			
MEAN						53.9	193	191	77.4			
MAX						83	298	246	208			
MIN						0	73	109	0			
AC-FT						3,210	11,840	11,730	4,600			
YEAR 1995	MAX	298	MIN	0	AC-FT	31,380						

PLATTE RIVER BASIN (LOUP RIVER)

TURKEY CREEK near Dannebrog, 06784800 - 1995

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.
E indicates estimated daily discharge. Records good except estimated record 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 1,240 cubic feet per second May 28, gage height 16.89 feet, minimum daily discharge 8.0 cubic feet per second estimated January 4.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	8.2E	11	9.4E	16	26	29	18	38	28	13	12	10
2	8.4E	13	9.6E	16	24	27	19	35	28	11	13	10
3	8.2E	21	10 E	15	24	79	20	31	24	11	11 E	9.7
4	8.0E	24	9.8E	14	39	66	19	29	22	12	11 E	9.3
5	8.6E	15	9.6E	14	26	53	19	28	21	18	12	9.7
6	8.2E	13	10 E	14	23	30	17	33	24	19	13	9.7
7	8.8E	11 E	11 E	13	32	28	17	31	22	13	12	9.0E
8	9.2E	10 E	12	13	61	50	19	30	21	11	11	8.6E
9	9.4E	9.6E	12	13	32	94	20	29	19	11	12	8.6E
10	10	10 E	13	13	29	42	22	29	18	11	12	8.8E
11	11	9.6E	16	13	26	26	23	30	20	11	12	9.2E
12	11	9.0E	16	14	26	24	24	31	18	11	12	9.4E
13	12	9.5E	14	15	51	23	25	31	16	11	12	9.7E
14	12	10 E	12	14	35	22	26	30	16	11	12	9.7E
15	12	11 E	12	13	25	22	28	28	18	11	12	9.6E
16	13	12 E	12	13	23	22	28	28	15	11	11	9.8E
17	13	11	11	13	22	19	28	27	17	11	12	9.8E
18	12	12	13	26	20	19	25	27	20	11	11	9.5E
19	9.4E	12	13	24	19	18	24	29	22	11	11	9.0E
20	8.9E	12	13	24	19	18	25	25	18	11	10	9.2E
21	8.5E	11	12	29	18	18	24	27	15	11	10	9.2E
22	8.8E	11	12	20	18	17	25	25	12	11	10	9.0E
23	8.6E	11	11	18	22	18	52	26	11	12	10	8.8E
24	8.6E	11	11	17	23	18	37	19	11	13	10	9.2E
25	8.2E	11	14	16	18	17	48	16	11	12	10	9.4E
26	8.6E	11	46	16	21	17	33	17	11	11	10	9.0E
27	9.0E	11	35	15	326	17	29	20	10	12	9.4E	9.2E
28	9.2E	10 E	22	14	881	17	27	19	10	11	8.8E	9.4E
29	9.0E	-----	19	14	77	16	26	19	10	11	9.0E	9.4E
30	9.4E	-----	17	15	35	18	27	20	12	11	9.6E	9.4E
31	9.8E	-----	17	-----	31	-----	33	21	-----	11	-----	9.0E
TOTAL	299.0	332.7	454.4	484	2,052	884	807	828	520	366	330.8	289.3
MEAN	9.65	11.9	14.7	16.1	66.2	29.5	26.0	26.7	17.3	11.8	11.0	9.33
MAX	13	24	46	29	881	94	52	38	28	19	13	10
MIN	8.0	9.0	9.4	13	18	16	17	16	10	11	8.8	8.6
AC-FT	593	660	901	960	4,070	1,750	1,600	1,640	1,030	726	656	574
YEAR 1995	TOTAL	7,647.2	MEAN	21.0	MAX	881	MIN	8.0	AC-FT	15,170		

**PLATTE RIVER BASIN
(LOUP RIVER)**

TAYLOR-ORD CANAL from North Loup River, 00107000 - 1995

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.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	35	40	194	185			
2					0	40	37	191	174			
3					0	41	48	191	167			
4					0	36	54	194	170			
5					0	46	49	187	170			
6					0	41	52	169	170			
7					0	49	76	140	170			
8					0	47	92	139	165			
9					0	41	122	145	157			
10					0	40	144	151	135			
11					0	40	168	160	135			
12					0	37	178	183	120			
13					0	35	179	190	92			
14					0	35	194	191	80			
15					0	31	197	193	80			
16					0	27	196	194	74			
17					0	29	194	196	72			
18					72	26	200	202	72			
19					76	29	200	197	78			
20					55	33	198	189	81			
21					49	27	197	186	70			
22					43	34	199	178	18			
23					56	43	203	175	0			
24					40	33	201	169	0			
25					39	27	200	165	0			
26					43	25	198	161	0			
27					38	29	199	160	0			
28					17	39	196	163	0			
29		-----			16	38	193	169	0			
30		-----			29	40	194	167	0			
31		-----		-----	43	-----	198	182	-----		-----	
TOTAL					616	1,073	4,796	5,471	2,635			
MEAN					19.9	35.8	155	176	87.8			
MAX					76	49	203	202	185			
MIN					0	25	37	139	0			
AC-FT					1,220	2,130	9,510	10,850	5,230			
YEAR 1995	MAX	203	MIN	0	AC-FT	28,940						

PLATTE RIVER BASIN (LOUP RIVER)

TAYLOR-ORD CANAL inlet to Mirdan Canal, 00107100 - 1995

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

GAGE.--Continuous stage recorder and modified Parshall flume

PERIOD OF RECORD.--1989 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	32	34	141	114			
2					0	27	32	135	119			
3					0	31	32	132	113			
4					0	27	44	131	115			
5					0	29	47	134	112			
6					0	35	42	131	111			
7					0	31	57	121	111			
8					0	40	70	117	116			
9					0	32	91	114	116			
10					0	31	103	115	103			
11					0	31	102	118	93			
12					0	29	108	119	97			
13					0	28	104	129	74			
14					0	27	111	124	62			
15					0	25	126	122	58			
16					0	23	136	123	60			
17					0	20	135	125	58			
18					0	22	137	130	62			
19					12	22	137	133	64			
20					31	24	133	124	68			
21					28	27	131	120	68			
22					26	23	129	111	45			
23					29	36	131	104	14			
24					30	32	128	97	1.9			
25					24	25	130	95	0			
26					26	19	131	94	0			
27					45	17	129	94	0			
28					22	26	129	97	0			
29		-----			4.3	29	129	101	0			
30		-----			0	31	129	99	0			
31		-----		-----	13	-----	136	102	-----		-----	
TOTAL					290.3	831	3,213	3,632	1,954.9			
MEAN					9.36	27.7	104	117	65.2			
MAX					45	40	137	141	119			
MIN					0	17	32	94	0			
AC-FT					576	1,650	6,370	7,200	3,880			
YEAR 1995	MAX	141	MIN	0	AC-FT	19,680						

PLATTE RIVER BASIN (LOUP RIVER)

TAYLOR-ORD CANAL outlet from Mirdan Canal, 00107200 - 1995

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

GAGE.--Continuous stage recorder and modified Parshall flume

PERIOD OF RECORD.--1989 - present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	29	32	86	71			
2					0	30	33	85	80			
3					0	31	32	86	81			
4					0	31	37	85	82			
5					0	30	35	86	78			
6					0	34	32	87	78			
7					0	33	33	87	77			
8					0	35	40	85	83			
9					0	34	58	86	86			
10					0	31	68	86	82			
11					0	31	71	84	78			
12					0	30	69	77	78			
13					0	30	65	83	78			
14					0	31	69	87	69			
15					0	28	83	84	58			
16					0	26	84	81	59			
17					45	24	83	81	59			
18					39	23	84	83	60			
19					33	22	84	85	63			
20					38	22	84	80	66			
21					34	26	83	80	67			
22					35	24	82	76	57			
23					33	27	83	73	28			
24					33	33	81	68	6.5			
25					30	30	81	66	0			
26					30	23	82	69	0			
27					36	18	83	70	0			
28					33	18	80	68	0			
29		-----			18	23	79	74	0			
30		-----			4.0	28	80	76	0			
31		-----		-----	8.6	-----	82	70	-----		-----	
TOTAL					449.6	835	2,072	2,474	1,624.5			
MEAN					14.5	27.8	66.8	79.8	54.2			
MAX					45	35	84	87	86			
MIN					0	18	32	66	0			
AC-FT					892	1,660	4,110	4,910	3,220			
YEAR 1995	MAX	87	MIN	0	AC-FT	14,790						

PLATTE RIVER BASIN (LOUP RIVER)

KENT CANAL from North Loup River, 00076500 - 1995

LOCATION.--NW1/4SE1/4 Sec. 26-21-17 W., Loup County

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

PERIOD OF RECORD.--1995

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	243	0						
2				0	250	0						
3				0	252	0						
4				0	252	0						
5				0	249	0						
6				0	256	2.1						
7				0	251	0						
8				0	260	0						
9				0	257	0						
10				0	244	0						
11				0	248	0						
12				15	251	0						
13				67	247	0						
14				82	246	0						
15				78	257	0						
16				78	255	0						
17				76	289	0						
18				48	282	0						
19				43	248	0						
20				46	256	0						
21				46	255	0						
22				48	258	0						
23				49	257	0						
24				121	244	0						
25				194	251	0						
26				221	262	0						
27				236	234	0						
28				248	243	0						
29				248	176	0						
30		-----		251	.34	0						
31		-----		-----	0	-----			-----			
TOTAL				2,195	7,273.34	2.1						
MEAN				73.2	235	.070						
MAX				251	289	2.1						
MIN				0	0	0						
AC-FT				4,350	14,430	4.2						
YEAR 1995	MAX	289	MIN	0	AC-FT	18,780						

PLATTE RIVER BASIN (LOUP RIVER)

CALAMUS RESERVOIR from Calamus River, 06787300 - 1995

LOCATION.--NE1/4SW1/4 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 (Acres-feet)
Top of conservation pool	2,244.0	127,400
Top of dead storage pool	2,185.0	817

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	94,590	94,550	99,120	110,400	126,300	130,200	127,900	103,900	78,570	67,710	84,420	101,600
2	94,420	94,590	99,160	110,900	128,100	129,700	127,600	103,300	77,600	68,120	85,080	102,100
3	94,460	94,880	99,340	111,300	129,000	129,400	127,300	102,200	77,190	68,160	85,670	102,600
4	94,380	94,880	99,600	111,700	129,000	128,400	126,900	101,400	76,530	68,500	86,110	103,000
5	94,290	95,010	99,740	112,000	128,800	128,300	126,700	100,700	75,860	69,090	86,740	103,700
6	94,250	94,930	99,950	112,400	128,300	128,300	126,300	100,100	75,320	69,580	87,380	104,300
7	94,040	94,970	100,100	112,600	128,500	128,300	126,000	99,510	74,660	69,890	88,340	104,800
8	94,040	94,880	100,200	113,100	128,500	128,400	125,800	98,820	73,680	70,270	88,620	105,300
9	94,340	94,880	100,300	113,500	128,300	127,900	125,100	98,000	73,070	70,770	89,180	105,400
10	94,210	94,970	100,500	114,000	128,300	127,700	124,200	96,710	72,320	71,370	89,910	105,900
11	94,550	94,760	101,000	114,700	128,000	127,800	123,500	95,690	71,790	71,900	90,320	106,100
12	94,500	94,550	101,500	115,100	127,700	127,700	122,700	95,180	71,540	72,390	90,850	106,800
13	94,500	94,630	102,000	115,300	127,600	127,700	121,400	94,380	70,800	73,070	91,430	107,200
14	94,380	94,970	102,200	116,100	127,700	127,900	120,500	93,710	70,170	73,470	91,960	107,900
15	94,500	95,180	102,700	117,300	127,600	127,900	119,300	92,540	69,540	74,010	92,710	108,000
16	94,550	95,480	102,900	117,700	127,500	127,700	118,600	91,430	69,020	74,550	93,210	108,300
17	94,500	95,810	103,300	118,600	127,400	127,700	117,700	90,560	68,300	75,020	94,040	108,300
18	94,460	96,030	104,100	120,400	127,300	127,400	116,700	89,750	67,990	75,610	94,460	108,500
19	94,420	96,450	104,600	121,100	127,200	127,200	116,000	88,820	67,580	76,150	94,970	108,500
20	94,380	96,750	104,900	122,100	127,300	127,000	114,900	87,970	67,270	76,600	95,600	108,300
21	94,420	96,920	105,100	123,600	127,400	126,900	114,000	87,220	67,410	76,860	96,240	108,500
22	94,460	97,350	105,400	124,900	127,500	127,100	113,300	86,500	67,240	77,450	96,710	108,500
23	94,500	97,650	105,800	126,200	127,800	127,400	112,200	85,950	67,060	78,490	97,310	108,500
24	94,420	97,950	106,100	126,700	127,900	127,500	111,400	85,040	67,060	78,910	97,870	108,700
25	94,420	98,040	106,600	126,900	127,800	127,500	110,500	84,500	66,830	79,660	98,380	108,700
26	94,460	98,380	107,600	127,900	127,800	127,400	109,700	83,680	66,760	80,150	98,730	108,700
27	94,500	98,640	108,200	127,800	128,600	127,700	108,800	82,860	66,590	80,950	99,560	108,600
28	94,630	98,950	108,700	127,900	130,200	127,700	107,900	82,090	66,490	81,520	99,770	108,600
29	94,550	-----	109,000	128,000	130,600	127,600	107,000	81,210	66,390	82,210	100,400	108,500
30	94,550	-----	109,400	128,100	131,400	127,800	105,800	80,110	67,470	82,900	101,000	108,500
31	94,550	-----	109,900	-----	131,000	-----	105,100	79,320	-----	83,560	-----	108,600
MAX	94,630	98,950	109,900	128,100	131,400	130,200	127,900	103,900	78,570	83,560	101,000	108,700
MIN	94,040	94,550	99,120	110,400	126,300	126,900	105,100	79,320	66,390	67,710	84,420	101,600
CHANGE	210	4,400	10,950	18,200	2,900	-3,200	-22,700	-25,780	-11,850	16,090	17,440	7,600
YEAR 1995			MEAN	102,039	MAX	131,400	MIN	66,390				

PLATTE RIVER BASIN (LOUP RIVER)

MIRDAN CANAL from Calamus Reservoir, 00100500 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	279	256	466	420			
2				0	0	282	261	444	354			
3				0	0	304	204	441	354			
4				0	0	311	186	458	347			
5				0	0	311	187	474	361			
6				0	0	296	167	474	378			
7				0	0	296	200	481	379			
8				0	0	297	405	479	356			
9				0	0	298	445	488	333			
10				0	0	297	474	510	329			
11				4.7	0	298	521	408	330			
12				0	0	304	560	370	337			
13				0	0	320	592	374	327			
14				0	0	323	603	488	309			
15				0	0	326	569	507	282			
16				0	0	332	539	505	239			
17				0	0	332	505	498	232			
18				0	0	334	497	502	207			
19				0	0	334	483	423	152			
20				0	0	332	488	386	35			
21				0	0	334	505	383	0			
22				0	0	334	505	383	0			
23				0	0	328	505	394	0			
24				0	0	324	498	404	0			
25				0	0	324	503	431	0			
26				0	0	321	510	448	0			
27				0	0	321	530	449	0			
28				0	0	298	554	463	0			
29		-----		0	61	264	533	510	0			
30		-----		0	263	256	527	478	0			
31		-----		-----	271	-----	544	432	-----		-----	
TOTAL				4.7	595	9,310	13,856	13,951	6,061			
MEAN				.16	19.2	310	447	450	202			
MAX				4.7	271	334	603	510	420			
MIN				0	0	256	167	370	0			
AC-FT				9.3	1,180	18,470	27,480	27,670	12,020			
YEAR 1995	MAX	603	MIN	0	AC-FT	86,830						

PLATTE RIVER BASIN (LOUP RIVER)

CALAMUS FISH HATCHERY INLET from Calamus Reservoir, 00019800 - 1995

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

GAGE.--Flow meter

PERIOD OF RECORD.--1994 - present

REMARKS.--Record is incomplete; July 30 & 31 are missing.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	14	15	4.7	9.6	9.3	10	11	12	12	8.2	4.8	4.9
2	14	15	4.6	10	9.6	4.2	7.8	12	12	8.2	4.8	4.9
3	14	15	4.7	9.6	9.7	4.1	5.3	12	12	8.2	4.8	4.9
4	13	15	4.5	9.2	9.8	4.6	5.1	11	12	8.2	4.8	5.0
5	14	15	5.0	9.8	9.6	5.4	12	11	12	8.2	4.8	4.9
6	15	15	6.0	10	9.5	6.7	9.5	11	12	8.2	4.8	4.9
7	15	15	5.8	14	9.6	6.3	12	11	12	8.2	4.8	4.9
8	14	15	5.5	16	10	6.8	12	12	12	8.2	4.8	4.9
9	14	16	5.7	14	14	6.8	14	11	12	8.2	4.8	4.8
10	14	16	5.6	15	16	6.9	13	10	12	8.2	4.8	4.8
11	14	16	5.6	15	15	6.2	9.5	9.6	12	8.2	4.8	4.8
12	14	16	5.7	17	11	6.9	9.3	12	12	8.2	4.8	4.8
13	14	16	5.5	18	11	7.6	8.8	12	12	8.2	4.8	4.8
14	12	16	5.3	18	11	8.7	12	12	12	8.2	4.8	5.6
15	12	16	5.3	16	11	12	9.2	12	12	8.2	4.8	5.7
16	12	16	5.2	14	11	11	10	12	12	8.2	4.8	5.5
17	12	16	5.2	16	10	7.9	11	13	12	8.2	3.7	5.6
18	12	14	4.6	17	10	7.0	11	12	12	8.2	3.7	5.6
19	12	8.8	4.5	24	8.8	6.4	11	12	12	8.2	4.4	5.7
20	12	8.8	6.0	22	8.9	7.8	11	12	12	8.2	5.0	5.8
21	12	7.6	6.0	19	11	15	11	12	12	8.2	4.9	5.4
22	11	4.4	5.7	9.8	12	21	8.8	10	12	8.2	5.0	5.5
23	12	4.5	5.7	11	12	15	12	9.9	12	8.2	5.0	5.3
24	12	4.5	5.9	12	14	10	9.2	9.8	12	8.2	4.9	4.7
25	12	4.6	5.8	15	11	11	10	9.8	12	8.2	5.0	4.9
26	11	4.6	6.8	14	11	11	11	9.6	12	8.2	5.0	5.1
27	11	4.5	8.2	18	9.9	12	11	9.6	12	8.2	4.9	5.6
28	11	4.0	8.3	19	10	12	11	8.4	12	8.2	5.0	5.8
29	11	-----	8.0	17	9.8	11	-----	8.2	12	8.2	4.9	6.2
30	12	-----	7.8	9.4	9.1	10	-----	11	12	8.2	4.9	5.7
31	15	-----	9.8	-----	8.0	-----	-----	12	-----	8.2	-----	5.8
TOTAL	397	334.3	183.0	438.4	332.6	271.3	288.5	341.9	360	254.2	143.1	162.8
MEAN	12.8	11.9	5.90	14.6	10.7	9.04	10.3	11.0	12.0	8.20	4.77	5.25
MAX	15	16	9.8	24	16	21	14	13	12	8.2	5.0	6.2
MIN	11	4.0	4.5	9.2	8.0	4.1	5.1	8.2	12	8.2	3.7	4.7
AC-FT	787	663	363	870	660	538	572	678	714	504	284	323
YEAR 1995	TOTAL*	3,507.1	MEAN	9.69	MAX	24	MIN	3.7	AC-FT	6,960		

* Incomplete Record July 30 and 31 missing

PLATTE RIVER BASIN (LOUP RIVER)

INLET TO DAVIS CREEK RESERVOIR from Mirdan Canal, 00088500 - 1995

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

GAGE.--Continuous stage recorder and modified Parshell Flume

PERIOD OF RECORD.--1991 to present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	226	238	173	192	108	22		
2				0	225	239	175	209	116	18		
3				0	226	238	124	210	121	2.0		
4				0	231	239	99	214	124	0		
5				0	230	239	104	212	125	0		
6				0	230	238	85	210	120	0		
7				0	229	238	64	209	127	0		
8				0	233	240	157	199	133	0		
9				0	236	241	214	190	133	0		
10				0	236	238	214	195	136	0		
11				0	230	237	215	123	121	0		
12				0	230	237	208	71	106	0		
13				0	229	237	200	71	106	0		
14				0	232	235	193	154	102	0		
15				0	233	234	192	204	96	0		
16				0	234	230	186	207	65	0		
17				0	236	222	205	213	37	0		
18				0	237	225	219	210	38	0		
19				0	238	229	212	206	42	0		
20				0	238	230	205	201	42	0		
21				19	236	229	201	205	45	0		
22				31	235	231	202	207	41	0		
23				30	238	229	192	203	37	0		
24				76	239	230	199	199	35	0		
25				165	238	235	199	200	33	0		
26				202	240	238	196	215	33	0		
27				206	243	238	194	222	35	0		
28				206	243	210	190	214	33	0		
29		-----		210	241	180	186	202	26	0		
30		-----		219	237	167	186	180	24	0		
31		-----		-----	237	-----	187	136	-----	0	-----	
TOTAL				1,364	7,266	6,891	5,576	5,883	2,340	42.0		
MEAN				45.5	234	230	180	190	78.0	1.35		
MAX				219	243	241	219	222	136	22		
MIN				0	225	167	64	71	24	0		
AC-FT				2,710	14,410	13,670	11,060	11,670	4,640	83		
YEAR 1995	MAX	243	MIN	0	AC-FT	58,240						

PLATTE RIVER BASIN (LOUP RIVER)

DAVIS CREEK RESERVOIR from Calamus Reservoir via Mirdan Canal, 06789400 - 1995

LOCATION.--NW1/4SW1/4 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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	8,390	8,090	7,780	7,560	10,310	23,850	31,410	26,160	21,940	20,650	19,880	19,020
2	8,380	8,070	7,770	7,550	10,710	23,220	31,490	26,130	21,730	20,670	19,830	19,000
3	8,360	8,100	7,760	7,540	11,140	23,610	31,540	26,050	21,690	20,700	19,780	18,970
4	8,350	8,090	7,750	7,520	11,580	24,000	31,510	25,960	21,640	20,700	19,770	18,950
5	8,330	8,070	7,740	7,510	11,990	24,310	31,390	25,860	21,590	20,710	19,750	18,920
6	8,320	8,060	7,730	7,500	12,510	24,660	31,270	25,880	21,450	20,700	19,730	18,890
7	8,310	8,040	7,730	7,500	12,960	25,000	31,230	25,900	21,230	20,690	19,680	18,860
8	8,300	8,020	7,710	7,490	13,320	25,290	31,110	25,840	21,120	20,660	19,640	18,830
9	8,300	8,010	7,700	7,480	13,770	25,640	31,080	25,590	21,020	20,620	19,620	18,790
10	8,290	8,010	7,700	7,470	14,170	25,980	31,110	25,220	21,030	20,600	19,610	18,750
11	8,280	7,990	7,700	7,480	14,580	26,350	31,070	25,000	21,040	20,560	19,580	18,720
12	8,270	7,970	7,700	7,480	15,010	26,590	30,900	24,530	21,030	20,510	19,560	18,700
13	8,370	7,960	7,700	7,460	15,470	26,960	30,640	24,120	20,990	20,480	19,520	18,690
14	8,260	7,950	7,690	7,450	15,910	27,110	30,330	23,780	20,940	20,430	19,500	18,660
15	8,250	7,940	7,680	7,440	16,190	27,410	29,990	23,620	20,850	20,390	19,470	18,640
16	8,240	7,930	7,660	7,430	16,590	27,760	29,540	23,420	20,820	20,350	19,440	18,610
17	8,230	7,920	7,650	7,450	17,000	28,020	29,380	23,300	20,610	20,310	19,420	18,600
18	8,210	7,910	7,660	7,480	17,360	28,260	29,190	23,190	20,440	20,280	19,390	18,580
19	8,200	7,910	7,650	7,460	17,750	28,530	28,890	23,170	20,350	20,240	19,360	18,550
20	8,190	7,900	7,640	7,480	18,120	28,790	28,680	23,190	20,270	20,200	19,330	18,520
21	8,180	7,890	7,630	7,510	18,500	29,040	28,370	23,230	20,360	20,170	19,300	18,510
22	8,170	7,870	7,620	7,520	18,930	29,390	28,170	23,180	20,390	20,120	19,270	18,790
23	8,160	7,860	7,510	7,570	19,390	29,650	27,980	23,020	20,430	20,090	19,250	18,470
24	8,150	7,850	7,590	7,660	19,790	29,930	27,810	22,800	20,470	20,050	19,220	18,440
25	8,130	7,840	7,620	7,900	20,150	30,250	27,740	22,810	20,500	20,030	19,210	18,420
26	8,130	7,820	7,640	8,250	20,470	30,460	27,520	21,510	20,540	20,010	19,190	18,400
27	8,130	7,810	7,640	8,630	21,000	30,750	27,310	22,760	20,570	19,990	19,180	18,370
28	8,120	7,800	7,620	9,020	21,470	31,090	27,010	22,900	20,610	19,940	19,110	18,360
29	8,110	-----	7,600	9,480	21,840	31,270	26,690	22,720	20,630	19,990	19,050	18,320
30	8,100	-----	7,580	9,810	22,150	31,330	26,520	22,540	20,670	19,860	19,040	18,310
31	8,090	-----	7,570	-----	22,530	-----	26,350	22,250	-----	19,850	-----	18,290
MAX	8,390	8,100	7,780	9,810	22,530	31,330	31,540	26,160	21,940	20,710	19,880	19,020
MIN	8,090	7,800	7,510	7,430	10,310	23,220	26,350	21,510	20,270	19,850	19,040	18,290
CHANGE	-300	-290	-230	2,240	12,720	8,800	-4,980	-4,100	-1,580	-820	-810	-750
YEAR 1995			MEAN	17,435	MAX	31,540	MIN	7,430				

**PLATTE RIVER BASIN
(LOUP RIVER)**

FULLERTON CANAL from Davis Creek Reservoir, 00054700 - 1995

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

GAGE.--Continuous stage recorder

PERIOD OF RECORD.--1992 to present

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	20	82	188	206			
2					0	22	97	200	137			
3					0	23	103	218	117			
4					0	23	104	213	121			
5					0	23	104	182	152			
6					0	29	72	166	166			
7					0	33	82	189	166			
8					0	33	126	266	166			
9					0	33	134	300	116			
10					0	33	180	285	101			
11					0	33	232	275	102			
12					0	33	259	241	101			
13					0	92	280	223	103			
14					0	34	320	222	105			
15					0	33	300	248	104			
16					0	34	286	248	104			
17					0	34	269	232	104			
18					0	34	288	205	104			
19					0	35	298	166	67			
20					0	35	304	153	18			
21					0	36	273	185	0			
22					0	36	235	235	0			
23					0	36	225	229	0			
24					16	36	227	208	0			
25					26	37	239	212	0			
26					19	37	250	184	0			
27					16	37	283	169	0			
28					16	52	296	192	0			
29					16	59	251	231	0			
30		-----			17	65	226	256	0			
31		-----		-----	17	-----	252	261	-----		-----	
TOTAL					143	1,100	6,677	6,782	2,360			
MEAN					4.61	36.7	215	219	78.7			
MAX					26	92	320	300	206			
MIN					0	20	72	153	0			
AC-FT					284	2,180	13,240	13,450	4,680			
YEAR 1995	MAX	320	MIN	0	AC-FT	33,840						

PLATTE RIVER BASIN (LOUP RIVER)

CALAMUS RIVER near Burwell, 06787500 - 1995

LOCATION.--NW1/4NW1/4 Sec. 9-21-16 W., Garfield County, Lat. 41° 48' 37", Long. 98° 10' 58", on left bank 20 feet downstream from highway bridge, 1.5 mile upstream from mouth, 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 2,253.48 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 January through September from USGS. E indicates estimated daily discharge. Records good except for periods of estimated record, which are fair.

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 1,380 cubic feet per second May 29, gage height 5.43 feet; minimum daily discharge 39 cubic feet per second June 30.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	331	329	189	185	540	1,060	43	289	269	186	59	69
2	331	327	167	185	559	923	251	291	272	179	58	69
3	334	345	159	181	667	872	348	291	280	179	55	68
4	334	359	157	174	789	708	348	286	300	179	58	68
5	316	374	156	185	763	430	285	290	304	180	60	66
6	301	372	160	186	764	427	277	291	300	176	59	66
7	280	370	172	174	779	438	279	291	286	177	57	62
8	273	344	160	160	783	428	278	294	288	155	58	133
9	299	324	272	163	802	428	260	287	291	141	60	300E
10	336	317	178	157	817	375	237	287	294	102	57	295E
11	360	316	167	157	776	331	232	288	295	85	59	290E
12	367	271	169	147	772	312	233	291	327	84	60	288E
13	355	194	161	64	726	274	234	289	337	79	59	299E
14	334	179	163	53	682	265	232	285	331	80	60	313E
15	328	182	164	48	638	260	246	284	331	80	59	336E
16	339	187	164	45	567	222	265	287	331	80	60	345E
17	342	193	165	44	515	201	261	283	326	78	60	314E
18	345	196	170	65	491	163	255	281	331	79	61	292E
19	343	191	165	48	456	119	297	276	322	76	62	283E
20	320	196	162	44	410	86	276	278	337	76	63	292E
21	308	199	166	45	420	73	258	278	374	76	64	285E
22	308	194	168	43	431	75	257	275	382	77	63	282E
23	313	176	170	139	471	75	256	274	383	67	62	282E
24	313	194	171	291	506	66	258	273	382	58	65	287E
25	303	197	171	298	494	70	248	272	382	59	66	288E
26	298	192	171	363	487	66	242	270	387	57	66	287E
27	312	191	166	376	754	64	231	272	385	57	64	288E
28	318	190	165	379	1,170	70	215	272	391	58	66	283E
29	317	-----	160	450	1,290	60	212	271	361	59	67	290E
30	321	-----	166	442	1,200	39	212	270	227	59	67	293E
31	327	-----	178	-----	1,170	-----	215	268	-----	59	-----	290E
TOTAL	10,006	7,099	5,272	5,291	21,689	8,980	7,741	8,734	9,806	3,137	1,834	7,403
MEAN	323	254	170	176	700	299	250	282	327	101	61.1	239
MAX	367	374	272	450	1,290	1,060	348	294	391	186	67	345
MIN	273	176	156	43	410	39	43	268	227	57	55	62
AC-FT	19,850	14,080	10,460	10,490	43,020	17,810	15,350	17,320	19,450	6,220	3,640	14,680
YEAR 1995	TOTAL	96,992	MEAN	266	MAX	1,290	MIN	39	AC-FT	192,400		

**PLATTE RIVER BASIN
(LOUP RIVER)**

BURWELL-SUMTER CANAL from North Loup River, 00108000 - 1995

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.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	29	38	106	92			
2					0	25	39	106	93			
3					56	21	40	99	93			
4					84	20	45	103	93			
5					62	22	46	101	93			
6					51	23	50	81	94			
7					39	28	59	77	92			
8					36	32	71	73	84			
9					36	28	81	73	81			
10					35	27	93	79	78			
11					24	26	102	94	72			
12					18	22	105	105	60			
13					30	33	103	109	50			
14					33	33	105	110	47			
15					34	31	109	110	47			
16					34	31	110	110	46			
17					34	32	110	110	46			
18					35	33	109	110	48			
19					35	35	104	86	51			
20					35	38	105	82	50			
21					35	39	105	81	32			
22					35	40	106	81	0			
23					35	41	106	83	0			
24					35	40	106	82	0			
25					34	39	105	82	0			
26					35	38	105	82	0			
27					36	38	105	82	0			
28					27	38	103	83	0			
29		-----			30	37	105	90	0			
30		-----			31	37	105	93	0			
31		-----	-----	-----	30	-----	105	93	-----	-----		
TOTAL					1,074	956	2,780	2,856	1,442			
MEAN					34.6	31.9	89.7	92.1	48.1			
MAX					84	41	110	110	94			
MIN					0	20	38	73	0			
AC-FT					2,130	1,900	5,510	5,660	2,860			
YEAR 1995	MAX	110	MIN	0	AC-FT	18,070						

PLATTE RIVER BASIN (LOUP RIVER)

NORTH LOUP RIVER at Ord, 06788500 - 1995

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.
E indicates estimated daily discharge. Records good except for periods of estimated record, which 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 4,040 cubic feet per second May 27, gage height 4.32 feet; maximum gage height 5.13 feet January 8 due to backwater from ice; minimum daily discharge 350 cubic feet per second estimated March 7.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	870E	977	919	1,050	1,460	3,000E	730	736	532	1,410	876	757
2	850E	1,030	935	1,120	1,700	2,700E	868	1,030	521	1,270	764	783
3	850E	1,290	840E	1,180	1,680	2,500E	1,060	957	516	981	650E	773
4	820E	1,190	860E	1,210	1,930	2,200E	1,260	835	543	926	650E	808
5	850E	1,170	820E	1,220	1,880	2,100E	1,010	1,020	569	1,020	700E	759
6	942E	1,160	780E	1,190	1,950	2,000E	967	1,070	573	1,310	720E	748
7	830E	1,100	350E	1,140	2,070	2,100E	887	858	543	1,430	730E	717
8	820E	1,100	725E	1,030	2,260	2,200E	823	831	547	1,130	760E	600E
9	840E	994	850E	1,130	2,290	2,250E	783	777	577	1,010	800E	540E
10	880E	982	950E	1,170	2,430	2,100E	757	722	608	997	820E	520E
11	980E	850E	1,080E	1,150	2,620	1,900E	677	707	649	870	800E	650E
12	1,050E	750E	1,150	1,000	2,420	1,600E	580	649	952	830	780E	700E
13	1,140	670E	936	906	2,240	1,550E	524	582	889	816	790E	710E
14	976	803	913	907	1,970	1,480	505	595	863	829	799E	750E
15	920	956	856	1,110	1,790	1,390	628	612	826	767	810	800E
16	847	926	836	1,150	1,640	1,290	753	628	783	682	778	900E
17	841	906	826	1,120	1,470	1,190	798	609	790	676	791	930E
18	808	963	975	1,410	1,280	1,060	676	654	837	709	821	960E
19	799	955	1,040	1,250	1,040	909	674	665	911	702	793	1,000E
20	860E	1,170	1,070	1,340	907	776	712	604	1,160	762	781	1,090E
21	840E	1,190	1,010	1,420	820	750	643	549	1,330	776	794	1,050E
22	880E	1,130	949	1,470	805	733	655	522	1,320	749	718	1,000E
23	850E	1,100	948	1,540	912	916	676	541	1,280	892	710	900E
24	860E	1,140	924	1,650	1,070	1,280	677	527	1,170	946	695	830E
25	860E	1,140	965	1,570	893	1,220	666	498	1,150	823	681	850E
26	800E	1,100	1,440	1,410	875	1,040	612	490	1,150	776	704	900E
27	850E	1,100	1,350	1,280	2,270	926	570	493	1,150	739	719	950E
28	900E	996	1,120	1,100	3,210	845	551	498	1,120	807	734	920E
29	940E	-----	1,090	1,110	3,260	875	516	468	1,150	813	680	900E
30	910E	-----	1,040	1,160	3,050	787	504	488	1,350	807	691	850E
31	966	-----	1,080	-----	3,180	-----	592	532	-----	867	-----	820E
TOTAL	27,429	28,838	29,627	36,493	57,372	45,667	22,334	20,747	26,359	28,122	22,539	25,465
MEAN	885	1,030	956	1,216	1,851	1,522	720	669	879	907	751	821
MAX	1,140	1,290	1,440	1,650	3,260	3,000	1,260	1,070	1,350	1,430	876	1,090
MIN	799	670	350	906	805	733	504	468	516	676	650	520
AC-FT	54,410	57,200	58,770	72,380	113,800	90,580	44,300	41,150	52,280	55,780	44,710	50,510
YEAR 1995	TOTAL	370,992	MEAN	1,016	MAX	3,260	MIN	350	AC-FT	735,900		

PLATTE RIVER BASIN (LOUP RIVER)

ORD-NORTH LOUP CANAL from North Loup River, 00109000 - 1995

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.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					45	18	22	87	92			
2					35	16	23	85	94			
3					24	18	26	85	95			
4					24	18	29	84	94			
5					24	12	31	85	86			
6					24	11	38	87	81			
7					25	11	50	93	82			
8					25	15	61	93	82			
9					24	14	79	94	79			
10					24	15	85	94	68			
11					24	14	85	96	55			
12					24	14	90	97	50			
13					23	15	96	97	46			
14					24	16	95	100	46			
15					23	18	101	101	45			
16					23	17	98	98	45			
17					25	16	98	97	46			
18					24	15	98	97	46			
19					25	14	100	70	37			
20					28	15	100	61	11			
21					27	15	98	61	0			
22					27	15	99	61	0			
23					28	16	99	61	0			
24					28	16	99	61	0			
25					26	16	98	61	0			
26					28	16	97	61	0			
27					30	18	96	61	0			
28					26	20	98	61	0			
29		-----			23	21	97	74	0			
30		-----			23	21	99	88	0			
31		-----		-----	24	-----	96	91	-----		-----	
TOTAL					807	476	2,481	2,542	1,280			
MEAN					26.0	15.9	80.0	82.0	42.7			
MAX					45	21	101	101	95			
MIN					23	11	22	61	0			
AC-FT					1,600	944	4,920	5,040	2,540			
YEAR 1995	MAX	101	MIN	0	AC-FT	15,050						

PLATTE RIVER BASIN (LOUP RIVER)

MIRA CREEK near North Loup, 06788898 - 1995

LOCATION.--NW1/4SE1/4 Sec. 7-18-13 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.--Undetermined

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 fair in 1995.

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 281 cubic feet per second May 27, gage height 4.00 feet; minimum daily discharge 1.10 cubic feet per second November 10.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	2.1	2.5	2.1	3.7	6.0	11	3.6	6.0	6.3	3.5	2.4	2.0
2	2.0	5.2	2.4	3.7	4.7	8.9	3.9	6.2	5.7	2.4	2.4	1.7
3	1.7	15	2.4	3.4	4.9	11	4.3	5.6	6.1	2.4	2.0	1.4
4	1.3	8.4	2.3	3.1	8.7	16	4.3	6.3	6.3	2.2	2.1	1.6
5	1.5	5.2	2.4	3.1	5.5	22	5.3	5.3	6.3	3.7	2.3	1.7
6	2.1	5.0	1.8	2.9	5.4	13	5.4	4.1	6.3	4.0	2.2	1.6
7	1.5	3.8	2.2	2.7	7.4	10	3.1	4.7	5.4	2.5	3.3	1.4
8	1.6	3.6	2.3	2.6	10	13	3.1	5.4	4.9	2.2	2.3	1.3
9	1.7	2.9	2.6	2.8	7.3	14	3.4	6.4	4.3	2.1	1.3	3.2
10	1.7	2.2	3.5	2.8	8.1	12	4.2	5.6	3.1	2.0	1.1	2.7
11	1.6	2.0	4.7	2.9	6.6	10	3.9	5.3	3.1	2.0	1.4	1.4
12	3.1	2.0	4.8	3.2	6.2	8.8	4.9	5.2	3.0	2.0	1.5	2.0
13	2.7	2.0	4.1	4.7	7.2	8.6	5.5	4.0	3.9	1.9	1.6	2.0
14	2.4	1.7	3.8	3.5	5.0	7.9	3.2	3.9	2.7	1.7	1.5	2.0
15	2.3	1.7	4.0	3.5	3.9	7.3	3.8	4.2	2.6	1.6	1.4	1.9
16	2.4	2.0	3.9	3.2	3.5	6.9	4.2	5.2	2.8	1.5	1.4	1.8
17	2.3	2.1	4.6	3.0	3.3	6.5	6.9	5.3	2.4	1.5	1.4	1.9
18	2.1	2.0	5.9	10	3.3	6.2	7.0	4.9	3.0	1.4	1.3	1.9
19	2.1	1.9	5.4	6.7	2.9	6.1	6.1	6.0	7.2	1.4	1.3	2.7
20	1.9	1.8	4.1	5.0	2.8	5.8	4.5	9.4	6.4	1.4	1.2	1.9
21	1.9	2.9	3.9	5.3	2.9	5.5	5.7	14	6.7	1.4	1.4	1.8
22	1.8	2.6	3.7	4.2	2.8	5.5	4.9	11	6.0	1.4	1.5	1.8
23	1.8	2.2	3.9	3.7	4.3	6.1	5.0	8.2	5.7	1.8	1.7	1.8
24	1.8	2.3	3.6	3.3	3.7	5.9	4.1	7.1	5.4	2.4	1.9	2.1
25	1.7	2.7	3.9	2.7	3.3	5.5	3.6	6.1	5.2	1.8	2.1	2.1
26	1.8	2.0	7.4	2.5	4.6	5.2	3.2	5.7	4.9	1.7	1.8	2.5
27	3.3	1.9	6.3	4.0	104	4.6	3.8	5.3	4.5	1.7	1.5	2.1
28	2.6	2.0	4.6	2.2	65	4.1	3.5	5.2	3.9	1.8	2.2	2.1
29	1.9	-----	4.0	1.9	42	4.4	3.4	5.0	3.7	1.6	2.1	2.2
30	2.1	-----	3.6	2.3	21	3.5	3.8	7.0	4.5	1.6	2.1	2.3
31	2.1	-----	3.9	-----	14	-----	4.5	5.9	-----	1.7	-----	2.6
TOTAL	62.9	91.6	118.1	108.6	380.3	255.3	136.1	189.5	142.3	62.3	53.7	61.5
MEAN	2.03	3.27	3.81	3.62	12.3	8.51	4.39	6.11	4.74	2.01	1.79	1.98
MAX	3.3	15	7.4	10	104	22	7.0	14	7.2	4.0	3.3	3.2
MIN	1.3	1.7	1.8	1.9	2.8	3.5	3.1	3.9	2.4	1.4	1.1	1.3
AC-FT	125	182	234	215	754	506	270	376	282	124	107	122
YEAR 1995	TOTAL	1,662.2	MEAN	4.55	MAX	104	MIN	1.1	AC-FT	3,300		

PLATTE RIVER BASIN (LOUP RIVER)

CEDAR RIVER near Spalding, 06791500 - 1995

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.
E indicates estimated daily discharge. Records good, except estimated records 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 2,430 cubic feet per second on May 30, gage height 6.35 feet; minimum daily discharge 125 cubic feet per second estimated December 10 & 12.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	170E	181	173	329	280	945	177	153	149	205	232	173
2	140E	195	170	324	314	695	179	152	148	204	239	172
3	145E	239	166	306	388	545	178	150	151	189	231	172
4	142E	253	167	280	549	431	184	148	153	182	215	174
5	150E	302	164	256	654	358	184	148	159	225	207	172
6	152E	290	150E	223	629	285	177	157	161	285	204	172
7	130E	268	140	193	689	271	175	166	162	238	198	174
8	145E	242	138E	204	700	182	172	165	156	234	195	165E
9	158E	228	170E	201	672E	206	170	156	154	229	196	140E
10	170E	212	200E	207	643E	202	165	149	151	212	196	125E
11	175E	191	210	224	615E	234	163	147	151	198	190	130E
12	190E	179	214	256	586E	236	160	141	161	189	186	125E
13	201	169	222	272	558E	250	149	140	166	185	187	130E
14	199	170E	234	287	529E	254	141	142	166	175	188	140E
15	200	165E	227	320	501	250	159	146	164	171	187	160E
16	208	163	213	404	440	240	167	145	161	172	187	190E
17	212	164E	200	448	382	184	163	146	162	170	188	197
18	207	168	216	534	304	199	159	156	171	161	188	179
19	198	170	214	442	259	200	156	208	238	140	188	173
20	191	173	224	464	261	188	155	179	191	147	185	171
21	189	177	224	543	240	189	153	165	187	151	180	170
22	177	186	219	716	232	194	152	164	181	155	181	169
23	181	186	211	670	264	198	151	163	181	166	181	176
24	176	184	202	591	286	165	153	162	179	180	182	168
25	171	182	208	531	286	192	148	157	170	186	185	169
26	168	180	262	422	301	192	145	155	167	188	186	171
27	177	176	306	298	478	189	139	155	167	194	183	170
28	186	173	352	225	796	188	131	155	170	205	185	169
29	186	-----	426	238	1,080	185	129	150	173	219	174	171
30	182	-----	379	233	2,050	181	130	142	188	219	176	171
31	179	-----	350	-----	1,330	-----	146	149	-----	215	-----	172
TOTAL	5,455	5,566	6,951	10,641	17,296	8,228	4,910	4,811	5,038	5,989	5,800	5,110
MEAN	176	199	224	355	558	274	158	155	168	193	193	165
MAX	212	302	426	716	2,050	945	184	208	238	285	239	197
MIN	130	163	138	193	232	165	129	140	148	140	174	125
AC-FT	10,820	11,040	13,790	21,110	34,310	16,320	9,740	9,540	9,990	11,880	11,500	10,140
YEAR 1995	TOTAL	85,795	MEAN	235	MAX	2,050	MIN	125	AC-FT	170,200		

PLATTE RIVER BASIN (LOUP RIVER)

CEDAR RIVER near Fullerton, 06792000 - 1995

LOCATION.--NE1/4NE1/4 Sec. 4-16-6 W., Nance County, Lat. 41° 23' 45", Long. 98° 00' 15", 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 up to October 1 1995. Records from January through September from USGS. E indicates estimated daily discharge. Records good except estimated records 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 2,090 cubic feet per second May 31, gage height 4.21 feet; minimum daily discharge 69 cubic feet per second July 30.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	250E	310E	308	424	527	1,370	595	163	143	229	311	276
2	240E	350E	313	426	547	1,100	626	185	141	216	325	276
3	230E	400E	318	505	593	994	538	164	152	227	312	277
4	220E	450E	334	520	737	1,010	554	128	162	215	318	277
5	230E	300E	329	485	705	1,070	350E	102	152	224	306	266
6	250E	300E	310E	448	703	983	268	124	208	309	299	262
7	240E	310E	290E	419	692	824	237	127	186	377	292	267
8	230E	300E	290E	343	722	853	225	129	181	322	290	270E
9	240E	290E	300E	370	653	734	205	142	187	307	295	220E
10	250E	350E	320E	384	660	761	206	115	194	298	307	200E
11	260E	320E	350	416	625	666	197	95	205	286	306	210E
12	270E	300E	324	439	681	700	171	83	211	274	310	220E
13	290E	300E	334	476	711	646	155	80	230	262	281	220E
14	270E	320E	339	507	661	666	118	92	236	247	274	240E
15	270E	330E	339	531	700	640	99	132	237	228	273	250E
16	270E	320E	335	560	676	633	115	143	226	217	266	270E
17	280E	320E	313	687	613	608	142	141	216	219	271	280E
18	280E	340E	303	768	534	465	148	127	223	223	277	280E
19	280E	400E	313	646	429	435	143	153	275	222	277	290E
20	270E	460E	318	596	358	423	186	403	412	201	270	280E
21	260E	370E	318	626	375	389	140	212	196	179	263	260E
22	270E	330E	339	722	345	383	145	193	173	193	258	250E
23	280E	329	345	818	394	389	136	215	169	207	257	240E
24	290E	334	313	771	408	453	134	187	160	226	270	240E
25	310E	334	383	735	401	466	121	183	160	242	273	250E
26	290E	334	435	671	432	469	100	173	156	264	272	260E
27	330E	339	519	623	687	460	88	171	147	275	272	260E
28	321E	329	513	552	1,170	463	95	158	152	268	263	250E
29	300E	-----	557	435	865	440	79	143	156	275	258	240E
30	290E	-----	476	465	1,490	429	69	123	214	291	293	250E
31	280E	-----	445	-----	1,830	-----	86	130	-----	302	-----	250E
TOTAL	8,341	9,469	11,023	16,368	20,924	19,922	6,471	4,716	5,860	7,825	8,539	7,881
MEAN	269	338	356	546	675	664	209	152	195	252	285	254
MAX	330	460	557	818	1,830	1,370	626	403	412	377	325	290
MIN	220	290	290	343	345	383	69	80	141	179	257	200
AC-FT	16,540	18,780	21,860	32,470	41,500	39,520	12,840	9,350	11,620	15,520	16,940	15,630
YEAR 1995	TOTAL	127,339	MEAN	349	MAX	1,830	MIN	69	AC-FT	252,600		

PLATTE RIVER BASIN (LOUP RIVER)

BEAVER CREEK at Loretto, 06793500 - 1995

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.
E indicates estimated daily discharge. Records good, except estimated records 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 1,400 cubic feet per second May 29, gage height 7.62 feet; minimum daily discharge 29 cubic feet per second July 29.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	70E	81	80E	177	177	512	63	42	53	99	81	76
2	68E	97	70E	158	262	429	62	46	53	89	111	77
3	60E	271	71E	139	293	362	62	45	56	88	83E	74
4	50E	195	73E	121	345	301	64	40	61	88	79E	71
5	52E	148	76E	110	402	278	75	37	62	95E	86	70
6	58E	123	72E	102	394	257	66	42	76	131E	83	70
7	63E	106	70E	96	356	237	59	44	63	117	79	69
8	68E	85E	64E	92	369	225	53	37	60	98	78	52
9	73E	82E	70E	92	370	222	51	34	61	93	78	45E
10	80E	80E	95	114	377	231	49	33	61	87	76	40E
11	85E	73E	115	129	392	237	49	36	62	81	71	39E
12	91E	62E	228	132	376	208	47	34	65	76	74	44E
13	110E	65E	213	189	389	179	41	33	67	70	77	48E
14	100E	69E	165	258	353	159	40	33	69	69	76	58E
15	95E	55E	137	275	295	141	42	37	62	69	76	70E
16	94E	62E	120	255	248	131	45	40	61	70	76	80E
17	94	80E	109	190	208	115	44	42	59	69	75	82E
18	88	83	121	261	179	104	40	43	121	68	74	74E
19	88	83	155	403	160	97	43	72	308	67	73	70E
20	84	84	149	488	144	87	45	70	118	66	71	71E
21	55E	90	136	488	131	85	45	66	97	65	71	73E
22	57E	96	121	420	124	81	46	96	83	65	72	71
23	61E	96	110	328	154	80	45	114	76	65	72	66
24	63E	93	104	254	233	82	39	70	73	79	71	71
25	67E	92	108	215	242	77	37	61	71	81	73	70
26	69	91	158	183	187	76	35	56	71	76	73	71
27	79	91	231	164	254	76	32	55	70	73	72	70
28	99	88	281	156	808	70	29	55	69	71	64	70
29	83	-----	286	145	1,230	67	31	54	71	70	69	68
30	76	-----	268	137	833	64	35	53	78	69	74	70
31	73	-----	215	-----	615	-----	38	53	-----	69	-----	71
TOTAL	2,353	2,721	4,271	6,271	10,900	5,270	1,452	1,573	2,357	2,473	2,288	2,051
MEAN	75.9	97.2	138	209	352	176	46.8	50.7	78.6	79.8	76.3	66.2
MAX	110	271	286	488	1,230	512	75	114	308	131	111	82
MIN	50	55	64	92	124	64	29	33	53	65	64	39
AC-FT	4,670	5,400	8,470	12,440	21,620	10,450	2,880	3,120	4,680	4,910	4,540	4,070
YEAR 1995	TOTAL	43,980	MEAN	120	MAX	1,230	MIN	29	AC-FT	87,230		

PLATTE RIVER BASIN (ELKHORN RIVER)

ELKHORN RIVER near Atkinson, 06796973 - 1995

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.
E indicates estimated daily discharge. Records good, except estimated records 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 1.1 cubic feet per second August 31 to September 3, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 4,060 cubic feet per second May 29, gage height 9.27 feet; minimum daily discharge 23 cubic feet per second September 8, 10, 11, 17.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	64E	99	96E	955	979	2,290	100	39	24	44	178	104
2	60E	134	92E	980	1,480	1,890	97	37	25	44	140E	113
3	54E	196	94E	828	1,390	1,550	95	36	24	45	120E	109
4	50E	211	96E	634	1,230	1,230	91	36	24	47	130E	104
5	54E	211	92E	515	1,320	1,050	89	52	24	58	140E	102
6	60E	205	86E	427	1,550	922	86	49	25	72	140E	98
7	60E	181	88E	358	1,570	756	83	44	24	80	136E	90E
8	64E	164	80E	302	1,610	638	80	41	24	88	134E	70E
9	70E	168	90E	294	1,720	600	77	38	25	95	130E	60E
10	74E	151	100E	317	1,560	588	72	37	24	96	126E	64E
11	77E	100E	110	295	1,440	579	66	36	24	93	120E	70E
12	80E	96E	145	261	1,270	542	62	34	28	91	124E	68E
13	76E	100E	154	500	1,200	494	58	33	28	89	127	64E
14	74E	104E	149	1,290	1,180	441	55	32	27	87	131	68E
15	76E	100E	142	1,610	970	386	79	32	27	86	132	74E
16	74E	96E	137	1,290	796	336	64	32	27	85	132	66E
17	72E	92E	127	1,060	648	284	58	31	25	84	130	70E
18	70E	100E	148	1,410	546	236	55	30	38	83	128	68E
19	72E	109	181	1,810	465	204	53	28	39	82	126	70E
20	68E	123	193	2,500	399	185	51	28	39	81	120	68E
21	66E	143	193	2,600	347	169	51	33	41	81	115	64E
22	62E	159	182	2,180	330	156	51	34	41	82	112	62E
23	64E	163	172	1,780	495	150	49	32	42	94	109	64E
24	66E	155	158	1,520	659	143	47	31	42	79	107	60E
25	66E	146	157	1,220	584	136	45	30	42	96	106	62E
26	68E	142	348	918	463	128	43	30	41	102	105	65E
27	68E	130	740	708	1,350	122	41	29	39	137	96E	62E
28	66E	100E	748	580	3,880	114	40	29	39	162	84E	64E
29	64E	-----	902	559	3,710	108	38	28	40	174	90E	60E
30	70E	-----	865	596	3,250	101	36	26	44	176	95	62E
31	90	-----	889	-----	2,910	-----	37	24	-----	175	-----	62E
TOTAL	2,099	3,878	7,754	30,297	41,301	16,528	1,949	1,051	956	2,888	3,663	2,287
MEAN	67.7	139	250	1,010	1,332	551	62.9	33.9	31.9	93.2	122	73.8
MAX	90	211	902	2,600	3,880	2,290	100	52	44	176	178	113
MIN	50	92	80	261	330	101	36	24	24	44	84	60
AC-FT	4,160	7,690	15,380	60,090	81,920	32,780	3,870	2,080	1,900	5,730	7,270	4,540
YEAR 1995	TOTAL	114,651	MEAN	314	MAX	3,880	MIN	24	AC-FT	227,400		

PLATTE RIVER BASIN (ELKHORN RIVER)

SOUTH FORK ELKHORN RIVER near Ewing, 06798000 - 1995

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. E indicates estimated daily discharge. Records fair except for estimated records, which 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 estimated at 5,400 cubic feet per second on May 30, gage height 6.70 feet from a high water mark; minimum daily discharge estimated at 33 cubic feet per second on January 5, 7.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	40E	51	54	253	476E	1,120E	119	70	36	60E	78E	63E
2	35E	55	60	260	648E	864E	111	68	37	57E	75E	66E
3	37E	62	62	255	884E	669E	106	71	35	55E	70E	64E
4	35E	68	61	203	976E	598E	97	67	36	54	86E	60E
5	33E	76	56	165	906E	525E	94	70	52	69	88E	59E
6	35E	67	50E	137	780E	338	92	73	54E	82	82E	61E
7	33E	66	41E	135	743E	300	94	77	42E	93	84	60E
8	37E	58	45E	130	761E	236	93	75	39E	96	82E	50E
9	44E	60	50E	113	829E	214	93	67	36E	85	70E	40E
10	49E	60	95E	123	782E	208	90	65	35E	79	80E	37E
11	50E	45E	105E	166	716E	232	93	63	48E	76	82E	41E
12	51E	40E	100E	172	688E	258	92	63	52E	71	84	43E
13	53E	41E	111E	236	621E	271	87	60	42E	65	82	39E
14	51E	42E	108	468	544E	274	85	56	38E	61	78	44E
15	47E	40E	106	589	497E	260	94	55	36E	60	78	55E
16	46E	38E	98	524	435E	242	88	55	34E	58	80	52E
17	42E	47E	94	327	379E	226	82	58	60E	55	81	60E
18	40E	54	94	454	323E	207	84	59	89E	53	84	54E
19	43E	52	94	784	283E	187	82	70	82E	52	80	50E
20	44E	53	101	969	254E	175	81	63	79E	50	73	53E
21	42E	63	109	929	245E	171	82	75	76E	51	72	49E
22	38E	66	113	718	304E	156	110	76	73E	50	73	51E
23	40E	66	108	503	374E	150	91	66	70E	63	73	47E
24	45E	67	100	315	398E	140	84	62	65E	66	77	52E
25	47E	62	99	226	458E	135	83	56	60E	70	75	50E
26	49E	57	122	182	609E	127	81	63	57E	78	73	54E
27	53	54	184	250E	1,330E	129	80	56	55E	86	68E	56E
28	50	52	293	311E	2,070E	120	78	52	55E	100	62E	50E
29	50	-----	288	285E	3,150E	111	78	48	62E	98	56E	52E
30	52	-----	282	343E	2,290E	114	74	42	64E	83	60E	48E
31	49	-----	259	-----	1,570E	-----	69	38	-----	81	-----	45E
TOTAL	1,360	1,562	3,542	10,525	25,323	8,757	2,767	1,939	1,599	2,157	2,286	1,605
MEAN	43.9	55.8	114	351	817	292	89.3	62.5	53.3	69.6	76.2	51.8
MAX	53	76	293	969	3,150	1,120	119	77	89	100	88	66
MIN	33	38	41	113	245	111	69	38	34	50	56	37
AC-FT	2,700	3,100	7,030	20,880	50,230	17,370	5,490	3,850	3,170	4,280	4,530	3,180
YEAR 1995	TOTAL	63,422	MEAN	174	MAX	3,150	MIN	33	AC-FT	125,800		

PLATTE RIVER BASIN (ELKHORN RIVER)

ELKHORN RIVER at Neligh, 06798500 - 1995

LOCATION.--NE1/4SE1/4 Sec. 20-25-6 W., Antelope County, Lat. 42° 07' 32", Long. 98° 01' 44", on right bank 30 feet downstream from bridge on old State Highway 14 at Neligh.

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

GAGE.--Continuous stage recorder. Gage datum is 1,714.00 feet above sea level.

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

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

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 19,300 cubic feet per second May 30, 1995, gage height 13.37 feet; minimum daily discharge 12 cubic feet per second July 1, 1932.

EXTREMES FOR CURRENT YEAR.--Peak discharge 19,300 cubic feet per second May 30, gage height 13.37 feet; minimum daily discharge 124 cubic feet per second September 17.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	350E	520E	350E	2,160	1,890	9,840	413	137	138	327	887	456
2	300E	600E	300E	2,220	2,600	7,490	392	140	136	298	925	465
3	310E	700E	315E	2,190	3,520	5,760	352	143	141	276	802	454
4	290E	800E	285E	2,010	4,830	4,460	387	165	142	251	612	451
5	270E	900E	260E	1,710	5,380	3,990	386	173	149	336	566	400E
6	260E	800E	270E	1,440	4,960	3,500	331	241	283	716	655	350E
7	250E	700E	280E	1,250	4,270	3,050	307	290	217	824	664	325E
8	270E	600E	290E	1,140	4,080	2,720	292	317	169	775	602	300E
9	280E	550E	400E	1,130	4,170	2,460	282	265	155	687	604	270E
10	300E	500E	591	1,250	4,550	2,410	258	224	141	591	581	250E
11	300E	410E	635	1,390	4,310	2,260	244	211	132	543	533	240E
12	294E	380E	611	1,440	3,950	2,060	227	188	191	498	499	250E
13	260E	390E	721	1,730	3,800	1,920	193	173	210	448	486	260E
14	260E	360E	654	2,320	3,430	1,780	187	164	170	382	476	250E
15	250E	330E	601	2,860	3,010	1,640	193	153	152	352	504	300E
16	260E	360E	567	3,250	2,760	1,510	256	150	135	351	520	400E
17	270E	470	526	3,560	2,420	1,410	234	147	124	337	522	360E
18	280E	476	589	3,820	2,110	1,290	249	136	280	307	521	370E
19	290E	496	719	5,060	1,800	1,140	218	150	580	286	514	350E
20	350E	530	789	6,040	1,580	1,020	205	166	507	256	486	320E
21	370E	545	775	4,500E	1,410	915	190	190	482	248	443	295E
22	390E	596	755	4,050E	1,360	818	293	1,720	364	256	507	310E
23	380E	568	706	3,650E	1,710	774	324	1,060	326	323	414	290E
24	375E	548	655	3,300E	2,110	685	262	554	319	452	413	315E
25	400E	549	643	3,000E	2,310	623	231	288	303	425	423	280E
26	430E	524	927	2,700E	2,430	577	204	241	283	513	437	310E
27	460E	491	1,760	2,370	2,960	531	177	226	269	563	405	290E
28	450E	463	1,940	1,970	6,510	508	154	205	261	618	300	305E
29	470E	-----	2,070	1,720	11,700	466	143	175	263	781	322	280E
30	480E	-----	2,100	1,580	18,000	437	130	152	317	846	377	295E
31	510E	-----	2,110	-----	13,200	-----	126	141	-----	829	-----	280E
TOTAL	10,409	15,156	24,194	76,810	133,120	68,044	7,840	8,685	7,339	14,695	16,000	10,071
MEAN	336	541	780	2,560	4,294	2,268	253	280	245	474	533	325
MAX	510	900	2,110	6,040	18,000	9,840	413	1,720	580	846	925	465
MIN	250	330	260	1,130	1,360	437	126	136	124	248	300	240
AC-FT	20,650	30,060	47,990	152,400	264,000	135,000	15,550	17,230	14,560	29,150	31,740	19,980
YEAR 1995	TOTAL	392,363	MEAN	1,075	MAX	18,000	MIN	124	AC-FT	778,300		

PLATTE RIVER BASIN (ELKHORN RIVER)

WILLOW CREEK near Foster, 06799080 - 1995

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.
E indicates estimated daily discharge. Records fair, except estimated records 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 517 cubic feet per second August 24, gage height 8.40 feet; minimum daily discharge 8.7 cubic feet per second August 12, 13.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	9.5E	15E	22E	35	33E	80E	16	10	16	30	26E	25
2	10 E	18E	21E	31	60E	83E	15	10	15	27	24E	25
3	11 E	25E	20E	28	100E	70E	16	9.7	13	25	27E	25
4	13 E	22E	19E	26	110E	73E	17	9.5	13	24	29E	25
5	13 E	20E	20E	24	120E	50E	19	11	15	45	30E	25
6	13 E	19E	19E	23	130E	34E	18	11	20	114	32E	23E
7	13 E	24E	18E	22	100E	33E	19	10	18	97	34E	23E
8	14 E	27E	18E	22	89E	31	27	9.9	16	101	37E	22E
9	15 E	25E	19E	27	83E	32	26	9.4	15	92	38	21E
10	16 E	22E	26E	34	90E	33	21	9.7	14	64	36	20E
11	17 E	20E	30E	42	150E	32	18	8.9	14	49	34	19E
12	18 E	17E	37	46	245E	30	16	8.7	14	41	32	17E
13	19 E	17E	38	67	200	30	15	8.8	14	36	31	20E
14	20 E	18E	37	86	137	28	14	9.0	14	33	31	22E
15	20 E	18E	36	78	93	26	14	9.9	14	30	33	20E
16	19 E	17E	35	48	66E	24	14	10	13	28	33	21E
17	18 E	17E	33	41	50E	23	13	9.9	14	27	33	20E
18	18 E	18E	41	106	42E	21	13	10	26	26	33	19E
19	19 E	20	52	190	36	20	12	10	110	25	32	18E
20	20 E	21	57	224	31	19	11	10	97	25	31	17E
21	19 E	22	47	255E	29	19	11	10	96	24	29	16E
22	20 E	24	40	200E	28	19	17	183	73	24	28	17E
23	21 E	26	36	135E	35	19	13	258	53	27	27	17E
24	22 E	26	32	95E	38	18	12	435	42	30	26	21E
25	21 E	26	39	68E	39	18	11	289	36	31	26	20E
26	20 E	26	62	50E	39	18	10	198	31	35	25E	20E
27	20 E	26	98	35E	58	18	10	86	28	36	22E	20E
28	19 E	23E	105	25E	121	17	9.9	43	26	35	24E	22E
29	18 E	-----	81	20E	118	17	10	29	24	32	30	21E
30	16 E	-----	47	25E	103	16	10	22	28	31	24	20E
31	15 E	-----	38	-----	96	-----	10	18	-----	28E	-----	19E
TOTAL	526.5	599	1,223	2,108	2,669	951	457.9	1,766.4	922	1,272	897	640
MEAN	17.0	21.4	39.5	70.3	86.1	31.7	14.8	57.0	30.7	41.0	29.9	20.6
MAX	22	27	105	255	245	83	27	435	110	114	38	25
MIN	9.5	15	18	20	28	16	9.9	8.7	13	24	22	16
AC-FT	1,040	1,190	2,430	4,180	5,290	1,890	908	3,500	1,830	2,520	1,780	1,270
YEAR 1995	TOTAL	14,031.8	MEAN	38.4	MAX	435	MIN	8.7	AC-FT	27,830		

PLATTE RIVER BASIN (ELKHORN RIVER)

WILLOW CREEK RESERVOIR from Willow Creek, 00410300 - 1995

LOCATION.--NW1/4SE1/4 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

REMARKS.--E indicates estimated daily contents due to missing gage height record. Records good.

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

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	7,180	7,150	7,110	7,740	7,690	8,260	7,040	6,700	7,550	7,520	7,470	7,290E
2	7,180	7,220	7,120	7,660	7,740	8,130	7,030	6,680	7,470	7,460	7,510	7,300E
3	7,150	7,360	7,130	7,540	7,830	7,990	7,030	6,660	7,380	7,400	7,530	7,310E
4	7,150	7,410	7,130	7,500	8,010	7,870	7,030	6,670	7,340	7,380	7,540	7,310E
5	7,170	7,410	7,120	7,470	8,060	7,780	7,050	6,650	7,320	7,650	7,570	7,320
6	7,130	7,420	7,120	7,410	8,070	7,710	7,050	6,650	7,260	7,970	7,560	7,300
7	7,110E	7,350	7,080	7,380	8,010	7,610	7,050	6,650	7,200	8,090	7,530	7,300
8	7,110E	7,350	7,100	7,320	8,020	7,540	7,090	6,630	7,170	8,110	7,510	7,280
9	7,100E	7,340	7,120	7,320	8,010	7,550	7,100	6,600	7,150	8,130	7,500	7,270E
10	7,110	7,280	7,130	7,360	8,270	7,540	7,090	6,580	7,130	8,060	7,440	7,250E
11	7,110	7,230	7,170	7,430	8,490	7,490	7,090	6,530	7,110	7,970	7,420	7,210E
12	7,120	7,200	7,240	7,500	8,710	7,470	7,060	6,490	7,120	7,880	7,450	7,190
13	7,110	7,180	7,260	7,640	8,830	7,450	7,020	6,430	7,100	7,740	7,410	7,180
14	7,110	7,180	7,280	7,740	8,700	7,430	6,980	6,370	7,080	7,660	7,410	7,180
15	7,120	7,130	7,320	7,790	8,550	7,400	6,980	6,330	7,090	7,600	7,410	7,220
16	7,150	7,130	7,320	7,770	8,320	7,350	6,960	6,310	7,050	7,540	7,390	7,210
17	7,140	7,130	7,320	7,710	8,110	7,310	6,920	6,270	7,030	7,480	7,390	7,200
18	7,130	7,120	7,380	8,130	7,970	7,260	6,920	6,330	7,290	7,450	7,410	7,210
19	7,150	7,130	7,440	8,340	7,840	7,220	6,870	6,340	7,810	7,370	7,440	7,210
20	7,130	7,110	7,470	8,610	7,720	7,200	6,850	6,310	7,980	7,330	7,440	7,210
21	7,130	7,130	7,500	8,740	7,640	7,170	6,860	6,270	8,080	7,320	7,430	7,210
22	7,120	7,140	7,490	8,620	7,550	7,140	6,910	8,030	8,050	7,260	7,430	7,200
23	7,120	7,120	7,450	8,410	7,560	7,180	6,920	8,580	8,010	7,310	7,380	7,200
24	7,110	7,150	7,410	8,190	7,560	7,150	6,900	8,850	7,920	7,350	7,350	7,190
25	7,110	7,170	7,520	8,030	7,540	7,130	6,890	8,960	7,830	7,350	7,350	7,200
26	7,130	7,150	7,730	7,880	7,530	7,120	6,870	8,840	7,720	7,370	7,360	7,190
27	7,120	7,140	7,930	7,770	7,670	7,110	6,830	8,620	7,660	7,360	7,380	7,180
28	7,120	7,130	8,000	7,700	8,010	7,090	6,820	8,260	7,600	7,360	7,340	7,180
29	7,100	-----	8,010	7,640	8,210	7,070	6,780	8,020	7,550	7,350	7,320	7,170
30	7,110	-----	7,910	7,610	8,250	7,040	6,750	7,840	7,540	7,340	7,280	7,150
31	7,130	-----	7,810	-----	8,290	-----	6,710	7,670	-----	7,340	-----	7,170
MAX	7,180	7,420	8,010	8,740	8,830	8,260	7,100	8,960	8,080	8,130	7,570	7,320
MIN	7,100	7,110	7,080	7,320	7,530	7,040	6,710	6,270	7,030	7,260	7,280	7,150
CHANGE	-57	-6.4	681	-195	675	-1,250	-331	960	-131	-198	-60	-106
YEAR 1995			MEAN	7,392	MAX	8,960	MIN	6,270				

PLATTE RIVER BASIN (ELKHORN RIVER)

WILLOW CREEK near Pierce, 00232500 - 1995

LOCATION.--SE1/4SW1/4 Sec. 33-26-2 W., Pierce County, Lat. 42° 10' 49", Long. 97° 33' 18", at 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.--E indicates estimated daily discharge. Records good, except estimated records poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 464 cubic feet per second on March 26, 1987, gage height 6.87 feet; minimum
daily discharge 3.1 cubic feet per second, September 2 - 3, 1989.

EXTREMES FOR CURRENT YEAR.--Peak discharge 340 cubic feet per second August 25, gage height 6.04 feet; minimum daily
discharge 5.5 cubic feet per second, July 21.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	32	29	31	92	72	193	16	6.2	73	56	51	38
2	32	32	30	81	79	169	15	6.3	59	52	63	39
3	32	45	30	70	92	140	15	6.1	50	47	63	39
4	32	51	30	60	117	117	15	6.1	43	43	64	40
5	32	53	29	54	136	101	15	6.3	37	55	66	39
6	31	54	30	49	141	91	16	6.8	35	109	64	38
7	29	51	29	45	139	80	17	7.4	30	148	64	37
8	28	46	27	42	136	67	18	7.5	28	158	62	35E
9	28	44	27	41	135	63	19	7.4	26	160	60	31E
10	27	42	27	44	164	63	20	7.5	24	149	56	30E
11	27	39	29	49	225	58	18	7.5	21	133	53	29E
12	27	36	33	55	273	54	17	7.5	22	114	51	29
13	27	35	35	68	308	51	14	7.6	21	97	50	29
14	27	33	37	81	303	47	12	7.7	20	82	48	28
15	28	31	40	97	274	44	11	7.3	20	71	48	27
16	29	30	42	95	233	41	10	7.3	19	62	48	28
17	32	29	42	89	181	38	8.6	7.7	18	57	49	28
18	30	29	47	124	145	34	7.4	8.3	24	52	50	28
19	30	29	53	180	119	30	6.7	8.4	70	49	50	28
20	30	29	59	229	97	27	5.6	9.1	118	43	50	28
21	29	30	60	274	82	24	5.5	9.4	139	41	45	28
22	28	30	59	267	69	22	7.0	57	140	38	44	28
23	28	31	57	232	66	24	7.7	230	129	40	42	28
24	28	32	52	183	66	23	7.8	285	115	43	42	27
25	28	33	56	144	64	21	7.5	332	99	43	41	27
26	27	32	76	117	62	20	7.0	307	86	44	40	27
27	28	32	112	97	70	19	6.7	269	74	46	40	27
28	28	32	129	83	117	18	6.3	226	64	46	38	26
29	28	-----	133	74	164	18	6.4	166	58	45	37	26
30	28	-----	122	68	179	15	6.1	126	58	44	37	26
31	28	-----	105	-----	189	-----	5.9	93	-----	45	-----	23
TOTAL	898	1,019	1,668	3,184	4,497	1,712	350.2	2,246.4	1,720	2,212	1,516	941
MEAN	29.0	36.4	53.8	106	145	57.1	11.3	72.5	57.3	71.4	50.5	30.4
MAX	32	54	133	274	308	193	20	332	140	160	66	40
MIN	27	29	27	41	62	15	5.5	6.1	18	38	37	23
AC-FT	1,780	2,020	3,310	6,320	8,920	3,400	695	4,460	3,410	4,390	3,010	1,870
YEAR 1995	TOTAL	21,963.6	MEAN	60.2	MAX	332	MIN	5.5	AC-FT	43,560		

PLATTE RIVER BASIN (ELKHORN RIVER)

UNION CREEK at Madison, 06799230 - 1995

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 (111,206 acres)

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.
E indicates estimated daily discharges. Records good except for estimated records, which are poor.

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 4,490 cubic feet per second August 23, gage height 23.07 feet; minimum daily discharge 8.2 cubic feet per second August 10.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	27	40	25	36	90E	69	24	16	19	121	31	28
2	27	99	25	35	65E	64	23	16	19	32	32	29
3	26	696	25	33	54	51	23	15	18	25	28	27
4	24	211	25	31	106	51	32	12	18	23	26	27
5	24	52	25	31	77	60	30	11	19	69	27	25
6	24E	40	24	31	56	53	29	13	21	89	27	26
7	23E	31	26	32	57	77	26E	12	28	49	27	26
8	23E	28	24	33	89	55	26E	9.5	22	33	27	24
9	22E	29	25	38	90	53	25E	9.6	19	26	28	25
10	26E	28	36	37	189	50	24E	8.2	18	23	28	25
11	35E	25	146	39	95	48	23E	8.3	18	23	26	24
12	33E	25	114	45	67	44	22E	8.6	19	22	27	24
13	43E	25	42	47	67	41	21E	10	19	22	28	25
14	35E	25	34	42	59	39	20E	11	19	23	28	26
15	33E	24	33	36	48	37	20E	8.8	19	24	29	27
16	30E	24	32	39	43	35	18E	11	17	23	30	28
17	29E	26	33	43	44	33	17E	9.7	16	23	29	28
18	28	29	36	158	42	32	16E	9.1	20	23	29	28
19	26	29	39	127	40	30	16	12	97	23	29	26
20	25	32	35	73	39	30	16	8.9	452	23	27	26
21	23	31	32	111E	38	29	16	12	63	24	27	26
22	23	30	30	80E	39	27	17	2,070	32	24	27	26
23	23	29	30	50E	66	30	16	3,420	26	26	28	26
24	23	28	29	47E	71	31	15	731	23	26	28	26
25	23	27	80	42E	47	30	15	62	22	26	28	26
26	23	26	116	38E	47	30	13	38	21	26	29	26
27	31	28	84	33E	309	29	11	31	21	24	27	26
28	31	26	55	29E	638	27	11	27	20	23	27	25
29	29	-----	41	26E	124	25	11	23	20	24	27	25
30	29	-----	37	130E	72	25	10	21	96	23	28	26
31	31	-----	35	-----	62	-----	13	19	-----	26	-----	26
TOTAL	852	1,743	1,373	1,572	2,930	1,235	599	6,673.7	1,241	991	839	808
MEAN	27.5	62.3	44.3	52.4	94.5	41.2	19.3	215	41.4	32.0	28.0	26.1
MAX	43	696	146	158	638	77	32	3,420	452	121	32	29
MIN	22	24	24	26	38	25	10	8.2	16	22	26	24
AC-FT	1,690	3,460	2,720	3,120	5,810	2,450	1,190	13,240	2,460	1,970	1,660	1,600
YEAR 1995	TOTAL	20,856.7	MEAN	57.1	MAX	3,420	MIN	8.2	AC-FT	41,370		

PLATTE RIVER BASIN (ELKHORN RIVER)

PEBBLE CREEK at Scribner, 06799385 - 1995

LOCATION.--NW1/4SE1/4 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.
E indicates estimated daily discharge. Records good, except estimated records 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 2,610 cubic feet per second May 28, gage height 14.92 feet; minimum daily discharge estimated at 18 cubic feet per second August 14, 15 and September 11.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	27E	90E	40E	45	81E	362	53	34E	37E	31	35E	38
2	26E	150E	50E	44	68E	457	55	38E	42E	27	33E	36
3	25E	606	47E	42	60E	177	55	34E	40E	27	34	35
4	26E	140	38	41	149	151	55	31E	39E	27	34	34
5	28E	50E	36E	42	124	215	54	28E	34E	48	35	34
6	29E	45E	41E	42	94	145	53	26E	31E	121	35	34
7	30E	55E	46E	41	103	125	52	25E	22E	58	35	33E
8	31E	60E	51	41	349	147	51	24E	20E	40	34	31E
9	32E	50E	55	43	180	167	51	23E	21E	36	34	29E
10	33E	40E	55	47	306	221	51	22E	19E	33	34	29E
11	35E	38E	143	53	158	112	49	21E	18E	32	30E	28E
12	35E	35E	199	57	130	101	46	20E	22	31	32E	30E
13	34E	39E	70	52	127	89	43	19E	23	30	34E	34E
14	33E	41E	67	49	110	80	39	18E	20	30	35	38E
15	32E	43E	75	46	96	76	38	18E	20	30	35	43E
16	32E	45E	62	48	92	72	38	21E	20	30	35E	45E
17	33E	45E	55	58	84	67	38	23E	20	29	35E	45E
18	36E	46E	58	133	77	66	36	22E	21	29	34	44E
19	35E	46E	59	131	76	66	34	21E	75	28	33	43E
20	34E	46	53	124	76	65	33	21E	53	29	33	40E
21	33E	45	50	210E	77	65	30E	20E	37	30	33	38E
22	33E	43	47	122E	80	63	30E	52E	31	30	34	36E
23	35E	41	45	95E	179	64	30E	600E	28	32	33E	34E
24	34E	38	44	73E	139	63	32E	135E	26	34	33	33E
25	33E	38	45	60E	93	61	38E	52E	26	31	33E	35E
26	35E	39	59	56E	87	64	34E	34E	29	31	33E	37E
27	37E	39	56	56E	635	64	30E	29E	26	32	33E	38E
28	40E	35E	49	53E	1,090	63	28E	27E	25	31	40E	35E
29	43E	-----	46	51E	228	61	27E	26E	26	31	46E	36E
30	45E	-----	45	53E	146	55	25E	32E	32	33	40E	37E
31	50E	-----	44	-----	124	-----	25E	33E	-----	35	-----	35E
TOTAL	1,044	2,028	1,830	2,008	5,418	3,584	1,253	1,529	883	1,096	1,037	1,117
MEAN	33.7	72.4	59.0	66.9	175	119	40.4	49.3	29.4	35.4	34.6	36.0
MAX	50	606	199	210	1,090	457	55	600	75	121	46	45
MIN	25	35	36	41	60	55	25	18	18	27	30	28
AC-FT	2,070	4,020	3,630	3,980	10,750	7,110	2,490	3,030	1,750	2,170	2,060	2,220
YEAR 1995	TOTAL	22,827	MEAN	62.5	MAX	1,090	MIN	18	AC-FT	45,280		

PLATTE RIVER BASIN (ELKHORN RIVER)

LOGAN CREEK at Pender, 06799450 - 1995

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
E indicates estimated daily discharge. Records fair, except estimated records 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 8,920 cubic feet per second May 27 from high water mark, gage height 16.30 feet;
minimum daily discharge 80 cubic feet per second September 3.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	150E	160E	170E	298	550E	1,120E	295E	146	99	232	218	204
2	140E	200E	175E	291	560E	850E	290E	147	81	182	325	205
3	130E	450E	186E	286	610E	670E	305E	147	80	163	246	193
4	120E	300E	180E	253E	853E	839E	300E	149	95	157	206	184
5	110E	225E	170E	249E	680E	989E	340E	148	106	196	211	181
6	100E	175E	160E	245E	590E	851E	310E	156	111	666	213	170E
7	105E	165E	150E	245E	660E	660E	280E	155	108	563	209	170E
8	115E	150E	120E	246E	720E	560E	270E	146	106	312	198	160E
9	145E	140E	130E	264E	790E	707E	255E	136	107	292	198	110E
10	155E	130E	180E	387E	860E	742E	240E	128	108	271	200	115E
11	170E	120E	693	394E	680E	626E	235E	127	111	236	175	120E
12	175E	120E	1,230	407E	640E	568E	210E	123	111	207	188	125E
13	185E	110E	448	430E	710E	603E	200E	119	110	195	189	130E
14	180E	100E	331	395E	610E	495E	195E	116	125E	185	183	150E
15	175E	110E	297	350E	540E	485E	200E	116	125E	183	222	155E
16	170E	150E	280	332E	500E	465E	210E	117	190	181	234	160E
17	174E	175E	274	444E	470E	445E	195E	118	276	178	233	160E
18	155E	200E	317	988E	440E	435E	185E	116	414	176	229	165E
19	150E	482	397	774E	420E	412E	200	116	456	171	220	165E
20	145E	561	340	805E	400E	394E	186	115	450E	169	234	160E
21	150E	444	294	785E	390E	394E	187	114	403	168	233	150E
22	150E	294	263	580E	450E	370E	186	125	188	172	224	140E
23	155E	247	249	510E	500E	360E	179	226	170	190	224	145E
24	155E	210	239	480E	490E	355E	176	257	162	226	219	155E
25	160E	196	297	465E	420E	340E	175	179	156	233	212	160E
26	175E	198	922	435E	660E	350E	171	149	153	204	222	160E
27	185E	194	704	410E	5,340E	340E	161	145	149	198	209	140E
28	190E	180E	478	410E	2,670E	325E	157	133	145	193	168	120E
29	175E	-----	376	425E	1,300E	310E	148	112	145	185	197	111E
30	155E	-----	329	488E	980E	300E	140	112	173	184	188	103E
31	150E	-----	305	-----	990E	-----	138	110	-----	189	-----	95E
TOTAL	4,749	6,186	10,684	13,071	26,473	16,360	6,719	4,303	5,213	7,057	6,427	4,661
MEAN	153	221	345	436	854	545	217	139	174	228	214	150
MAX	190	561	1,230	988	5,340	1,120	340	257	456	666	325	205
MIN	100	100	120	245	390	300	138	110	80	157	168	95
AC-FT	9,420	12,270	21,190	25,930	52,510	32,450	13,330	8,540	10,340	14,000	12,750	9,250
YEAR 1995	TOTAL	111,903	MEAN	307	MAX	5,340	MIN	80	AC-FT	222,000		

PLATTE RIVER BASIN (SALT CREEK)

OAK CREEK at Lincoln, 00227700 - 1995

LOCATION.--NE1/4NE1/4 Sec. 7-10-6 E., Lancaster County, Lat. 40°51'20", Long. 96°46'46", on right downstream side of bridge, immediately east from intersection of N.W. 42nd Street and Air Park Road in the West Lincoln Airpark Industrial Area. It can be reached from the intersection of Interstate 80 and N.W. 48th Street by driving north on N.W. 48th Street 2.6 miles. Turn right (east) on Air Park Road and proceed six blocks to station on bridge.

GAGE.--Continuous stage recorder. Gage datum is 1,142.86 feet above National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--1987 - present

REMARKS.--E indicates estimated daily discharge. Estimated daily discharges; January 1-February 1, February 5-17, February 27-March 10, November 3-5, 11-12, 22-23, 28-30, December 6-15, 18-31 due to backwater from ice conditions. Records good except for estimated records, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 8,730 cubic feet per second July 24, 1993, gage height 22.66 feet. Minimum daily discharge, 2.8 cubic feet per second on August 2, 1989.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,890 cubic feet per second May 8, gage height 9.39 feet; minimum daily discharge 15 cubic feet per second August 26 and estimated December 9.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	27E	50E	34E	49	106	252	48	24	25	20	23	21
2	28E	66	35E	48	134	239	47	26	44	18	23	22
3	27E	257	34E	45	154	202	49	27	32	16	20E	21
4	27E	176	33E	42	346	237	64	25	27	17	18E	19
5	28E	114E	31E	39	280	303	74	25	25	19	20E	18
6	28E	90E	29E	37	202	172	59	26	23	20	22	18E
7	29E	78E	28E	35	496	199	56	28	20	21	21	17E
8	30E	68E	27E	34	1,280	234	53	25	17	18	20	16E
9	30E	68E	45E	39	642	204	51	24	17	17	21	15E
10	35E	70E	64E	51	548	190	50	22	17	17	21	16E
11	39E	58E	90	78	419	164	49	22	18	17	19E	17E
12	42E	50E	100	79	342	144	48	23	17	17	20E	19E
13	41E	52E	84	67	319	132	45	22	17	16	23	22E
14	38E	48E	117	55	279	123	41	21	17	16	22	25E
15	38E	70E	118	50	238	114	38	21	17	18	21	29E
16	48E	78E	96	46	223	112	38	23	16	18	21	26
17	74E	92E	87	45	338	112	35	24	16	18	20	22
18	70E	68	80	52	337	99	31	22	16	17	20	20E
19	62E	62	79	62	222	92	31	20	21	18	21	19E
20	58E	57	75	115	182	85	29	19	23	17	20	18E
21	56E	57	71	217	175	78	27	18	21	17	20	18E
22	58E	56	65	143	153	74	28	18	19	18	20E	18E
23	60E	52	62	115	152	70	27	19	18	18	20E	18E
24	64E	47	59	97	168	67	26	19	17	28	20	18E
25	58E	44	57	91	147	62	26	17	17	33	19	20E
26	64E	43	70	88	133	60	27	16	17	33	21	21E
27	64E	40E	73	114	472	60	25	15	17	33	20	19E
28	60E	38E	71	107	880	58	27	17	17	27	20E	17E
29	50E	-----	63	94	421	55	24	23	18	19	21E	17E
30	44E	-----	59	93	291	50	24	23	23	20	22E	18E
31	42E	-----	53	-----	253	-----	23	23	-----	21	-----	18E
TOTAL	1,419	2,049	1,989	2,227	10,332	4,043	1,220	677	609	622	619	602
MEAN	45.8	73.2	64.2	74.2	333	135	39.4	21.8	20.3	20.1	20.6	19.4
MAX	74	257	118	217	1,280	303	74	28	44	33	23	29
MIN	27	38	27	34	106	50	23	15	16	16	18	15
AC-FT	2,810	4,060	3,950	4,420	20,490	8,020	2,420	1,340	1,210	1,230	1,230	1,190
YEAR 1995	TOTAL	26,408	MEAN	72.4	MAX	1,280	MIN	15	AC-FT	52,380		

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River, 00061000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	19	36	24	18	13		
2					0	40	23	26	18	12		
3					0	18	17	21	18	14		
4					0	5.2	19	19	18	24		
5					0	2.1	15	20	18	20		
6					0	1.7	15	21	25	19		
7					0	1.6	24	19	27	22		
8					0	1.6	24	18	28	22		
9					0	1.7	23	19	30	22		
10					0	2.6	18	25	35	22		
11					0	4.0	9.6	26	34	22		
12					0	6.2	10	25	33	22		
13					0	8.4	18	26	33	20		
14					0	8.2	17	23	32	20		
15					0	7.7	26	21	30	21		
16					0	6.7	26	17	24	7.4		
17					0	16	24	16	21	0		
18					0	20	5.4	15	20	0		
19					0	21	3.6	16	20	0		
20					0	20	6.6	18	19	0		
21					0	20	6.0	20	16	0		
22					0	20	4.2	21	25	0		
23					0	21	2.9	21	25	0		
24					0	20	3.5	21	20	0		
25					0	17	22	18	20	0		
26					0	25	20	16	16	0		
27					0	24	13	20	14	0		
28					0	23	21	17	14	0		
29		-----			0	27	22	24	14	0		
30		-----			.15	33	20	27	14	0		
31		-----		-----	.36	-----	21	18	-----	0	-----	
TOTAL					0.51	441.7	515.8	638	679	302.4		
MEAN					.016	14.7	16.6	20.6	22.6	9.75		
MAX					.36	40	36	27	35	24		
MIN					0	1.6	2.9	15	14	0		
AC-FT					1.0	876	1,020	1,270	1,350	600		
YEAR 1995	MAX	40	MIN	0	AC-FT	5,110						

REPUBLICAN RIVER BASIN

HAIGLER CANAL from Republican River, 00061400 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	14	20	18	13		
2						7.3	21	22	17	11		
3						8.6	16	19	14	13		
4						5.2	17	11	12	22		
5						1.8	19	10	12	22		
6						1.2	7.9	15	17	19		
7						.89	24	18	19	22		
8						2.2	24	16	19	22		
9						1.8	23	17	21	22		
10						1.3	25	20	20	21		
11						3.3	17	20	18	22		
12						3.9	10	19	18	22		
13						7.9	9.1	19	24	20		
14						7.2	17	21	23	20		
15						7.0	22	21	22	21		
16						5.9	15	17	19	14		
17						5.5	16	16	16	0		
18						7.0	6.3	15	15	0		
19						8.5	2.9	11	13	0		
20						7.5	12	9.3	13	0		
21						7.0	6.0	9.5	15	0		
22						10	3.9	9.7	11	0		
23						13	2.5	9.7	25	0		
24						15	2.3	9.5	20	0		
25						9.9	17	9.5	19	0		
26						20	16	8.7	16	0		
27						12	10	8.7	14	0		
28						12	10	8.1	14	0		
29		-----				5.5	21	13	14	0		
30		-----				7.9	19	21	14	0		
31		-----		-----		-----	20	20	-----	0	-----	
TOTAL						206.29	445.9	463.7	512	306		
MEAN						6.88	14.4	15.0	17.1	9.87		
MAX						20	25	22	25	22		
MIN						0	2.3	8.1	11	0		
AC-FT						409	884	920	1,020	607		
YEAR 1995	MAX	25	MIN	0	AC-FT	3,840						

REPUBLICAN RIVER BASIN

HAIGLER CANAL SPILLBACK to Arikaree River, 00061500 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	2.1	3.9	0	0		
2						1.7	4.5	3.5	0	0		
3						11	2.8	2.8	0	0		
4						6.8	.62	0	0	0		
5						1.4	3.7	0	0	0		
6						0	.27	0	0	0		
7						0	0	0	.19	0		
8						1.5	0	0	3.7	0		
9						.31	0	0	0	0		
10						.81	0	0	0	0		
11						1.3	0	0	0	0		
12						2.5	.11	0	0	0		
13						4.2	0	0	0	0		
14						4.6	0	0	0	0		
15						4.5	11	0	0	0		
16						4.2	15	0	0	5.2		
17						3.5	11	0	0	0		
18						9.0	4.5	0	0	0		
19						10	3.9	0	0	0		
20						9.4	3.8	0	0	0		
21						8.6	2.8	0	0	0		
22						7.5	.75	0	0	0		
23						8.5	0	0	4.1	0		
24						9.5	0	0	0	0		
25						6.7	6.3	0	0	0		
26						5.7	10	0	1.7	0		
27						5.0	1.3	0	4.5	0		
28						2.6	0	0	0	0		
29		-----				.12	4.2	0	0	0		
30		-----				1.6	.38	0	0	0		
31		-----		-----		-----	5.3	0	-----	0	-----	
TOTAL						132.54	94.33	10.2	14.19	5.2		
MEAN						4.42	3.04	.33	.47	.17		
MAX						11	15	3.9	4.5	5.2		
MIN						0	0	0	0	0		
AC-FT						263	187	20	28	10		
YEAR 1995	MAX	15	MIN	0	AC-FT	509						

REPUBLICAN RIVER BASIN

MEEKER-DRIFTWOOD CANAL from Republican River, 00087000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	108	297	186			
2						0	108	298	174			
3						0	108	298	172			
4						0	108	261	194			
5						0	108	244	208			
6						0	108	244	179			
7						0	109	243	145			
8						0	109	274	123			
9						0	110	295	116			
10						0	136	298	115			
11						0	193	276	116			
12						0	250	266	116			
13						0	284	266	112			
14						0	293	264	110			
15						0	293	258	45			
16						0	293	255	0			
17						0	293	248	0			
18						0	293	227	0			
19						51	293	219	0			
20						46	292	219	0			
21						55	266	218	0			
22						84	254	225	0			
23						92	255	228	0			
24						92	256	229	0			
25						93	271	229	0			
26						93	293	228	0			
27						93	299	227	0			
28						93	299	227	0			
29		-----				102	299	237	0			
30		-----				108	298	232	0			
31		-----		-----		-----	298	218	-----		-----	
TOTAL						1,002	6,977	7,748	2,111			
MEAN						33.4	225	250	70.4			
MAX						108	299	298	208			
MIN						0	108	218	0			
AC-FT						1,990	13,840	15,370	4,190			
YEAR 1995	MAX	299	MIN	0	AC-FT	35,380						

REPUBLICAN RIVER BASIN

SWANSON LAKE near Trenton, 06829000 - 1995

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.--Published by U. S. Geological Survey up to Oct. 1, 1994.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents 148,900 acre-feet August 2 & 3, 1962, elevation 2,757.42 ft.
Minimum since start of operation 19,950 acre-feet October 24, 1954, elevation 2,722.61 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents 126,200 acre-feet June 24 & 25, elevation 2754.73 feet;
minimum contents 73,530 acre-feet October 22, elevation 2743.21 feet.

STORAGE CAPACITY TABLE.--elevation in feet, storage in acre-feet

2,730	31,690	2,745	80,700	2,755	127,700
2,735	45,210	2,750	102,600	2,760	156,100
2,740	61,590				

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	85,030	90,140	94,500	100,300	108,900	120,600	125,200	109,600	82,700	74,390	74,590	78,020
2	85,120	90,530	94,630	100,400	109,200	121,100	125,000	108,800	81,830	74,310	74,670	78,180
3	85,200	90,570	94,770	100,600	109,900	121,600	125,100	108,000	81,070	74,270	74,670	78,260
4	85,290	90,700	94,950	100,800	110,200	122,300	125,300	107,200	80,320	74,310	74,710	78,460
5	85,330	90,830	95,080	101,000	110,600	122,700	125,300	106,400	79,560	74,310	74,830	78,460
6	85,370	90,960	95,400	101,100	111,100	123,100	125,200	105,500	78,750	74,160	74,900	78,580
7	85,460	91,140	95,490	101,400	111,500	123,300	125,100	104,700	78,180	74,120	74,980	78,710
8	85,500	91,230	95,580	101,600	112,000	123,800	124,900	103,900	77,540	74,120	75,100	78,790
9	85,670	91,450	95,850	101,700	112,300	124,200	124,400	103,200	76,930	74,080	75,220	78,830
10	85,750	91,620	96,070	102,200	112,500	124,500	123,900	102,300	76,410	74,040	75,380	78,830
11	85,920	91,710	96,300	102,300	112,700	124,800	123,300	101,300	76,050	74,040	75,500	78,830
12	86,050	91,800	96,570	102,400	113,000	125,200	122,400	100,500	75,580	74,040	75,620	78,910
13	86,220	91,840	96,750	102,700	113,500	125,400	121,400	99,660	75,260	74,000	75,780	79,070
14	86,390	91,930	96,880	103,100	113,700	125,600	120,500	98,790	74,940	73,920	75,860	79,150
15	86,650	92,020	97,020	103,100	113,900	125,900	119,700	97,970	74,790	73,880	76,010	79,310
16	86,900	92,190	97,150	103,300	114,100	126,000	118,800	97,150	74,710	73,840	76,130	79,440
17	87,070	92,410	97,380	103,800	114,500	126,100	118,200	96,250	74,670	73,760	76,250	79,680
18	87,290	92,640	97,560	104,400	114,800	126,100	117,500	95,170	74,630	73,760	76,410	79,790
19	87,410	92,810	97,790	104,600	114,800	126,200	117,300	94,370	74,550	73,680	76,530	79,900
20	87,630	92,990	97,880	105,100	115,100	126,200	116,900	93,480	74,510	73,610	76,650	80,050
21	87,840	93,170	98,060	105,400	115,500	126,100	116,800	92,590	74,630	73,570	76,810	80,130
22	88,060	93,390	98,340	105,700	115,900	126,000	116,600	91,710	74,630	73,530	76,890	80,200
23	88,230	93,520	98,340	106,100	116,500	126,100	116,100	90,790	74,550	74,120	77,050	80,320
24	88,320	93,700	98,380	106,400	116,800	126,200	115,500	89,830	74,550	74,120	77,170	80,350
25	88,450	93,880	98,470	106,600	117,000	126,200	115,000	88,960	74,470	74,120	77,290	80,470
26	88,660	94,010	99,160	107,100	117,500	126,100	114,300	88,060	74,430	74,190	77,410	80,580
27	89,050	94,140	99,250	107,300	118,300	126,000	113,600	87,160	74,390	74,310	77,490	80,650
28	89,310	94,320	99,340	107,600	118,500	125,700	112,900	86,220	74,390	74,310	77,620	80,770
29	89,530	-----	99,530	107,800	119,100	125,500	112,100	85,370	74,430	74,350	77,740	80,880
30	89,740	-----	99,800	108,500	119,700	125,300	111,300	84,510	74,390	74,390	77,900	80,990
31	89,920	-----	100,000	-----	120,200	-----	110,400	83,600	-----	74,470	-----	81,110
MAX	89,920	94,320	100,000	108,500	120,200	126,200	125,300	109,600	82,700	74,470	77,900	81,110
MIN	85,030	90,140	94,500	100,300	108,900	120,600	110,400	83,600	74,390	73,530	74,590	78,020
CHANGE	4,971	4,400	5,680	8,500	11,700	5,100	-14,900	-26,800	-9,210	80.0	3,430	3,210

YEAR 1995 MEAN 95,150 MAX 126,200 MIN 73,530

REPUBLICAN RIVER BASIN

REPUBLICAN RIVER near Trenton, 00126700 - 1995

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; prior record was for Republican River at Trenton gage, 06829500, located 0.9 miles downstream.

REMARKS.--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.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1							0	114	186			
2							0	114	184			
3							0	114	184			
4							0	114	184			
5							0	114	183			
6							0	114	182			
7							0	114	152			
8							0	114	134			
9							31	114	134			
10							100	131	134			
11							144	142	104			
12							144	142	87			
13							144	139	53			
14							144	139	0			
15							144	139	0			
16							144	139	0			
17							126	139	0			
18							116	158	0			
19							116	194	0			
20							116	192	0			
21							116	192	0			
22							116	192	0			
23							116	192	0			
24							116	192	0			
25							116	190	0			
26							116	189	0			
27							114	189	0			
28							114	189	0			
29		-----					114	187	0			
30		-----					114	187	0			
31		-----		-----		-----	114	187	-----		-----	
TOTAL							2,735	4,766	1,901			
MEAN							88.2	154	63.4			
MAX							144	194	186			
MIN							0	114	0			
AC-FT							5,420	9,450	3,770			
YEAR 1995	TOTAL	9,402	MEAN	102	MAX	194	MIN	0	AC-FT	18,650		

REPUBLICAN RIVER BASIN

FRENCHMAN CREEK near Imperial, 06831500 - 1995

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. Gage datum is approximately 3130 feet above National Geodetic Vertical Datum of 1929, 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.
E indicates estimated daily discharge. Estimated daily discharges February 27 to March 7 and March 27-31 due to backwater from ice. Records good except for estimated records, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,340 cubic feet per second March 22, 1960, gage height 8.43 ft.; minimum daily discharge 4.8 cubic feet per second March 12, 1977 during backwater from ice.

EXTREMES FOR CURRENT YEAR.--Peak discharge 519 cubic feet per second July 15, gage height 3.81 ft.; minimum daily discharge 13 cubic feet per second August 31, September 1, September 15-18.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	23	27	20E	31	32	37	26	22	13	16	23	22
2	25	26	21E	32	29	32	25	22	14	16	23	22
3	26	24	22E	31	31	33	26	21	14	16	23	22
4	25	23	21E	29	31	36	27	20	14	16	23	22
5	23	23	20E	28	31	41	27	20	14	19	23	22
6	23	23	22E	27	30	35	25	20	16	19	23	21
7	23	23	24E	27	31	31	25	20	15	17	23	22
8	25	23	27	27	30	33	25	20	14	18	23	21
9	26	24	29	26	30	33	28	20	14	18	23	16
10	25	23	29	29	28	34	25	19	14	17	22	25
11	24	22	29	32	27	32	29	18	15	17	22	24
12	23	22	28	32	28	32	25	18	14	17	22	23
13	23	25	28	33	39	31	20	18	14	17	23	23
14	23	24	26	31	33	30	21	18	14	17	23	23
15	23	25	25	30	30	29	221	18	13	17	23	22
16	23	26	26	29	29	28	153	17	13	17	22	22
17	23	26	25	31	28	26	64	17	13	17	22	23
18	23	25	26	40	27	27	68	16	13	17	21	23
19	24	24	26	38	27	29	53	16	14	17	21	23
20	22	23	27	44	30	26	49	16	15	17	21	23
21	22	24	26	40	29	26	49	16	17	17	21	23
22	23	24	25	36	29	24	37	16	17	18	21	23
23	23	24	24	33	29	25	35	15	16	24	21	22
24	23	24	23	31	30	26	33	15	16	25	21	22
25	24	23	25	29	30	26	32	15	16	23	21	23
26	25	22	16	29	30	25	30	15	16	23	21	23
27	25	21E	20E	27	35	24	27	14	16	23	22	23
28	25	20E	19E	26	51	25	26	14	16	23	22	23
29	24	-----	20E	26	56	25	25	14	16	23	22	23
30	24	-----	24E	27	53	26	23	14	16	22	22	22
31	26	-----	28E	-----	45	-----	22	13	-----	22	-----	24
TOTAL	739	663	751	931	1,018	887	1,301	537	442	585	663	695
MEAN	23.8	23.7	24.2	31.0	32.8	29.6	42.0	17.3	14.7	18.9	22.1	22.4
MAX	26	27	29	44	56	41	221	22	17	25	23	25
MIN	22	20	16	26	27	24	20	13	13	16	21	16
AC-FT	1,470	1,320	1,490	1,850	2,020	1,760	2,580	1,070	877	1,160	1,320	1,380
YEAR 1995	TOTAL	9,212	MEAN	25.2	MAX	221	MIN	13	AC-FT	18,270		

REPUBLICAN RIVER BASIN

FRENCHMAN CREEK near Enders, 06832500 - 1995

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 operated during irrigation season when water was released from Enders Reservoir.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.
E indicates estimated daily discharge. Estimated daily discharges July 1-3, August 30, 31. Records good except for periods of estimated record, which is poor. Summary totals are for two month period, July and August.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1							1.0E	154				
2							1.0E	131				
3							39 E	129				
4							58	121				
5							49	128				
6							48	155				
7							42	166				
8							48	179				
9							62	163				
10							73	148				
11							109	117				
12							168	118				
13							228	123				
14							255	130				
15							256	143				
16							245	133				
17							241	117				
18							204	113				
19							184	127				
20							167	158				
21							153	163				
22							147	173				
23							124	149				
24							124	139				
25							146	138				
26							168	138				
27							143	144				
28							152	160				
29		-----					164	48				
30		-----					181	1.0E				
31		-----		-----		-----	170	1.0E	-----		-----	
TOTAL							4,150.0	4,007.0				
MEAN							134	129				
MAX							256	179				
MIN							1.0	1.0				
AC-FT							8,230	7,950				
YEAR 1995	TOTAL	8,157.0	MEAN	132	MAX	256	MIN	1.0	AC-FT	16,180		

REPUBLICAN RIVER BASIN

STINKING WATER CREEK near Palisade, 06835000 - 1995

LOCATION.--SW1/4NW1/4 Sec. 30-5-33 W., Hayes County, Lat. 40°22'10", Long. 101°06'50", 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.
E indicates estimated daily discharge. Estimated daily discharges January 1-7, 21-24, February 11-15, March 2-8, December 8-13, 25-31 due to backwater from ice. Records good except estimated record, which is 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 4.9 cubic feet per second August 23, 1987.

EXTREMES FOR CURRENT YEAR.--Peak discharge 167 cubic feet per second June 25, gage height 5.68 feet; minimum daily discharge 11 cubic feet per second August 26, 31, September 1, 2, 5.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22E	28	27	34	32	40	30	16	11	19	26	25
2	24E	28	20E	38	35	40	30	17	11	19	26	25
3	22E	30	22E	36	38	40	29	17	12	18	25	25
4	22E	30	21E	36	35	38	29	17	12	18	25	24
5	21E	30	21E	35	35	38	32	16	11	18	25	25
6	21E	29	20E	33	34	40	29	16	26	19	25	24
7	22E	29	19E	31	34	39	28	16	45	21	25	24
8	24	28	24E	30	35	39	26	15	24	22	25	22E
9	28	28	28	30	35	43	24	15	28	21	25	20E
10	25	27	29	30	33	42	23	15	27	20	25	20E
11	24	25E	30	30	32	40	23	14	19	20	25	21E
12	26	20E	30	31	31	38	23	14	17	19	25	22E
13	25	23E	29	33	31	35	22	14	16	19	25	23E
14	25	22E	29	35	37	33	21	13	15	19	26	24
15	26	25E	29	36	34	31	21	14	15	19	26	25
16	27	27	28	34	32	29	22	14	15	20	26	25
17	27	27	28	33	31	28	25	14	15	20	25	25
18	26	28	29	35	30	28	23	14	15	21	25	25
19	26	29	29	39	29	27	22	12	15	21	25	25
20	25	30	29	42	29	26	21	12	16	20	25	25
21	24E	30	28	42	29	25	21	12	17	20	25	24
22	23E	30	27	42	30	24	21	12	19	20	25	23
23	22E	30	27	39	30	27	22	12	20	24	23	24
24	23E	29	26	37	30	46	23	12	19	25	25	26
25	24	29	27	35	31	137	22	12	18	29	26	25E
26	25	29	28	34	32	85	21	11	18	30	24	24E
27	26	28	29	32	35	46	21	12	18	29	24	23E
28	27	28	27	31	38	37	20	12	18	30	24	22E
29	29	-----	31	30	41	33	19	12	18	29	25	23E
30	29	-----	36	31	43	31	18	12	19	27	25	24E
31	28	-----	34	-----	41	-----	17	11	-----	26	-----	23E
TOTAL	768	776	841	1,034	1,042	1,205	728	425	549	682	751	735
MEAN	24.8	27.7	27.1	34.5	33.6	40.2	23.5	13.7	18.3	22.0	25.0	23.7
MAX	29	30	36	42	43	137	32	17	45	30	26	26
MIN	21	20	19	30	29	24	17	11	11	18	23	20
AC-FT	1,520	1,540	1,670	2,050	2,070	2,390	1,440	843	1,090	1,350	1,490	1,460
YEAR 1995	TOTAL	9,536	MEAN	26.1	MAX	137	MIN	11	AC-FT	18,910		

REPUBLICAN RIVER BASIN

CULBERTSON CANAL from Frenchman River, 00035000 - 1995

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 furnished by United States Bureau of Reclamation

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					0	28	49	176	48			
2					3.3	30	48	171	44			
3					11	31	45	154	40			
4					11	31	43	147	36			
5					31	30	66	138	10			
6					20	32	69	137	0			
7					20	30	84	150	0			
8					20	31	84	161	0			
9					19	31	83	172	0			
10					18	30	92	169	0			
11					39	31	99	159	0			
12					39	33	111	137	0			
13					32	32	142	131	0			
14					37	35	183	131	0			
15					37	47	207	132	0			
16					37	50	220	144	0			
17					37	51	210	141	0			
18					37	49	200	130	0			
19					34	49	193	120	0			
20					31	44	188	115	0			
21					31	45	178	131	0			
22					32	48	171	143	0			
23					32	48	169	151	0			
24					31	49	159	146	0			
25					32	48	155	138	0			
26					32	47	163	138	0			
27					31	47	179	138	0			
28					30	47	168	139	0			
29		-----			35	47	166	146	0			
30		-----			34	48	167	118	0			
31		-----		-----	30	-----	175	61	-----		-----	
TOTAL					863.3	1,199	4,266	4,364	178			
MEAN					27.8	40.0	138	141	5.93			
MAX					39	51	220	176	48			
MIN					0	28	43	61	0			
AC-FT					1,710	2,380	8,460	8,660	353			
YEAR 1995	MAX	220	MIN	0	AC-FT	21,560						

REPUBLICAN RIVER BASIN

RIVERSIDE CANAL from Frenchman River, 00127000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	4.8	13	3.5	14		
2						0	6.4	11	3.4	14		
3						0	6.7	10	2.5	14		
4						0	8.3	9.7	1.4	14		
5						0	3.2	9.6	2.4	14		
6						0	1.9	8.5	13	14		
7						0	12	7.3	16	14		
8						0	12	9.5	16	14		
9						0	12	9.5	16	14		
10						0	12	9.5	16	14		
11						0	12	8.1	16	10		
12						0	13	7.0	15	.15		
13						0	13	6.6	15	0		
14						0	13	5.9	15	0		
15						0	13	8.6	15	0		
16						0	12	6.8	15	0		
17						0	13	4.4	14	0		
18						0	15	3.1	12	0		
19						0	16	3.2	14	0		
20						0	16	4.9	14	0		
21						0	16	8.3	13	0		
22						0	16	11	14	0		
23						0	15	10	14	0		
24						0	15	9.5	14	0		
25						0	15	4.8	14	0		
26						0	15	3.3	13	0		
27						0	15	2.0	14	0		
28						0	14	3.6	14	0		
29		-----				0	13	3.6	14	0		
30		-----				2.1	13	2.9	14	0		
31		-----		-----		-----	12	3.3	-----	0	-----	
TOTAL						2.1	374.3	218.5	373.2	150.15		
MEAN						.070	12.1	7.05	12.4	4.84		
MAX						2.1	16	13	16	14		
MIN						0	1.9	2.0	1.4	0		
AC-FT						4.2	742	433	740	298		
YEAR 1995	MAX	16	MIN	0	AC-FT	2,220						

REPUBLICAN RIVER BASIN

RED WILLOW CREEK above Hugh Butler Lake - 1995

LOCATION.--NE1/4SE1/4 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 northwest 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.

E indicates estimated daily discharge. Estimated daily discharge January 1-30, February 13-16, March 2-10, November 20, December 7-12, 18-31 due to backwater from ice. Records good except for periods of estimated record, which 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 3.1 cubic feet per second July 12, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharge 87 cubic feet per second June 24, gage height 4.54 feet; minimum daily discharge cubic feet per second September 1, 5.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22E	25	26	36	32	44	20	12	7.2	18	26	21
2	22E	28	25E	32	37	39	19	12	7.4	14	24	21
3	21E	32	24E	30	44	36	19	12	7.8	14	23	21
4	21E	33	24E	28	50	36	21	19	7.7	14	22	22
5	21E	34	23E	27	48	35	21	14	7.2	14	21	22
6	22E	32	22E	24	47	36	23	12	11	15	21	22
7	22E	30	21E	23	48	38	27	11	12	16	21	22E
8	23E	29	21E	22	45	41	27	10	10	16	21	21E
9	23E	27	24E	22	41	37	23	10	10	16	21	21E
10	24E	25	27E	23	39	35	21	10	9.7	16	22	21E
11	24E	25	30	24	34	34	20	10	10	15	22	22E
12	25E	23	33	25	32	31	19	10	10	15	23	22E
13	26E	22E	35	27	32	28	17	10	10	15	23	23
14	26E	22E	34	31	33	25	16	10	10	15	23	21
15	25E	23E	30	36	30	23	18	10	9.5	15	23	21
16	25E	24E	27	36	29	21	28	9.8	9.2	15	23	21
17	24E	25	26	30	28	20	28	9.5	9.2	15	23	20
18	23E	24	26	34	26	18	29	8.3	9.2	16	23	19E
19	23E	25	27	44	24	17	22	9.1	12	16	22	19E
20	22E	27	27	50	23	16	22	9.0	11	15	22	19E
21	22E	29	28	59	23	16	24	8.5	13	16	22	19E
22	22E	32	27	60	24	15	22	8.2	13	16	21	19E
23	22E	32	25	52	27	15	19	8.5	14	19	21	19E
24	23E	30	23	43	28	45	17	8.4	13	22	20	21E
25	21E	29	23	36	28	31	16	7.3	13	22	21	22E
26	21E	28	24	33	34	36	16	8.4	12	24	21	24E
27	21E	28	26	32	40	35	15	8.4	12	25	21	24E
28	22E	27	29	29	55	28	14	7.9	12	27	20E	23E
29	23E	-----	31	28	61	23	13	7.9	12	29	21	23E
30	25E	-----	36	28	64	21	12	7.3	26	30	21	22E
31	26	-----	39	-----	56	-----	12	7.7	-----	28	-----	22E
TOTAL	712	770	843	1,004	1,162	875	620	306.2	330.1	563	658	659
MEAN	23.0	27.5	27.2	33.5	37.5	29.2	20.0	9.88	11.0	18.2	21.9	21.3
MAX	26	34	39	60	64	45	29	19	26	30	26	24
MIN	21	22	21	22	23	15	12	7.3	7.2	14	20	19
AC-FT	1,410	1,530	1,670	1,990	2,300	1,740	1,230	607	655	1,120	1,310	1,310
YEAR 1995	TOTAL	8,502.3	MEAN	23.3	MAX	64	MIN	7.2	AC-FT	16,860		

REPUBLICAN RIVER BASIN

HUGH BUTLER LAKE near McCook, 06837390 - 1995

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 1951 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1994.
E indicates estimated daily contents.

COOPERATION.--Reservoir capacity table furnished by U. S. Bureau of Reclamation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents 41,680 acre-feet July 15 & 16, 1967, elevation 2,584.14 ft.
Minimum since start of operation 16,930 acre-feet September 8, 1978 elevation 2565.31 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents 39,820 acre-feet June 15 & 16, elevation 2,583.04 feet;
minimum contents 29,660 acre-feet September 21 & 22, elevation 2576.39 feet.

STORAGE CAPACITY TABLE.--elevation in feet, storage in acre-feet

2,565	16,630	2,575	27,800	2,585	43,170
2,570	21,800	2,580	34,910		

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	32,820	33,990	34,630	35,630	37,370	39,270	38,960	35,050	30,940	29,950	30,340	31,050
2	32,830	34,030	34,630	35,680	37,400	39,360	38,890	34,940	30,850	29,950	30,350	31,070
3	32,860	34,050	34,680	35,690	37,560	39,370	38,930	34,810	30,740	29,950	30,350	31,070
4	32,910E	34,070	34,690	35,710	37,680	39,440	38,930	34,770	30,640	29,940	30,360	31,120
5	32,970E	34,130	34,710	35,710	37,740	39,510	38,890	34,680	30,530	29,910	30,400	31,090
6	33,020E	34,140	34,770	35,770	37,870	39,560	38,890	34,600	30,460	29,900	30,450	31,090
7	33,080E	34,160	34,750	35,910	38,020	39,540	38,910	34,490	30,280	29,920	30,460	31,070
8	33,140	34,170	34,770	35,990	38,120	39,570	38,880	34,360	30,170	29,940	30,490	31,050
9	33,200	34,220	34,850	35,990	38,130	39,590	38,810	34,170	30,090	29,950	30,540	31,040
10	33,230	34,220	34,940	36,150	38,120	39,610	38,690	34,000	30,030	29,970	30,540	31,050
11	33,290	34,200	34,970	36,170	38,180	39,640	38,510	33,850	29,990	30,010	30,540	31,080
12	33,320	34,190	35,050	36,180	38,230	39,690	38,280	33,710	29,920	29,990	30,600	31,110
13	33,350	34,190	35,060	36,290	38,230	39,740	38,030	33,560	29,860	29,980	30,610	31,170
14	33,400	34,270	35,100	36,210	38,250	39,810	37,840	33,320	29,770	29,950	30,670	31,190
15	33,440	34,230	35,130	36,230	38,330	39,820	37,610	33,200	29,790	29,980	30,680	31,210
16	33,500	34,300	35,160	36,260	38,350	39,810	37,450	33,100	29,760	29,990	30,730	31,250
17	33,500	34,360	35,240	36,530	38,300	39,760	37,270	32,970	29,730	29,990	30,750	31,270
18	33,530	34,370	35,270	36,500	38,310	39,670	37,180	32,880	29,760	29,990	30,780	31,270
19	33,560	34,390	35,300	36,640	38,360	39,560	37,050	32,720	29,690	29,950	30,810	31,250
20	33,610	34,400	35,320	36,800	38,360	39,490	36,900	32,570	29,680	29,920	30,820	31,270
21	33,610	34,450	35,350	36,900	38,400	39,420	36,800	32,430	29,660	29,920	30,820	31,280
22	33,620	34,490	35,380	37,000	38,430	39,310	36,680	32,290	29,660	29,970	30,850	31,310
23	33,650	34,520	35,380	37,080	38,430	39,270	36,550	32,130	29,720	30,100	30,840	31,320
24	33,680	34,550	35,380	37,160	38,480	39,310	36,390	31,990	29,720	30,120	30,880	31,320
25	33,710	34,600	35,430	37,240	38,510	39,270	36,260	31,830	29,730	30,140	30,940	31,350
26	33,760	34,620	35,540	37,260	38,680	39,240	36,120	31,730	29,760	30,210	30,980	31,380
27	33,840	34,650	35,470	37,130	38,840	39,260	35,930	31,620	29,790	30,230	30,920	31,390
28	33,850	34,630	35,490	37,230	38,880	39,190	35,770	31,460	29,810	30,240	30,910	31,390
29	33,880	-----	35,500	37,210	38,990	39,110	35,600	31,370	29,860	30,270	30,970	31,420
30	33,910	-----	35,540	37,340	39,090	39,040	35,460	31,220	29,920	30,280	31,040	31,460
31	33,990	-----	35,600	-----	39,190	-----	35,210	31,070	-----	30,310	-----	31,480
MAX	33,990	34,650	35,600	37,340	39,190	39,820	38,960	35,050	30,940	30,310	31,040	31,480
MIN	32,820	33,990	34,630	35,630	37,370	39,040	35,210	31,070	29,660	29,900	30,340	31,040
CHANGE	1,160	640	970	1,740	1,850	-150	-3,830	-4,140	-1,150	390	730	440
YEAR 1995			MEAN	34,133	MAX	39,820	MIN	29,660				

REPUBLICAN RIVER BASIN

RED WILLOW CREEK near McCook, 06837500 - 1995

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 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.--Continuous 1940 - 1947, Annual peaks 1958 - 1960, Continuous 1960 - 1994, Partial year 1995.
See U.S.G.S. publication WSP 1310 for other periods of record.

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.
E indicates estimated daily discharge.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						4.7	32	73	58			
2						4.1	33	70	58			
3						4.0	33	66	57			
4						4.1	33	55	60			
5						3.8	32	45	63			
6						3.0	31	45	60 E			
7						3.1	30	55	59 E			
8						3.7	29	72	45 E			
9						3.8	33	77	38 E			
10						3.9	60	88	38 E			
11						4.3	95	80	39 E			
12						4.4	104	73	45 E			
13						4.9	103	73	42 E			
14						4.7	101	74	40 E			
15						4.7	99	72	4.0E			
16						4.7	99	66	4.0E			
17						4.3	90	63	4.0E			
18						20	75	59	4.0E			
19						49	70	55	4.0E			
20						31	71	58	4.0E			
21						32	66	77	4.0E			
22						31	60	77	4.0E			
23						32	64	79	4.0E			
24						34	83	71	4.0E			
25						33	85	61	4.0E			
26						33	85	57	4.0E			
27						33	84	59	4.0E			
28						33	80	65	4.0E			
29		-----				32	75	62	4.0E			
30		-----				32	76	58	4.0E			
31		-----		-----		-----	76	57	-----		-----	
TOTAL						495.2	2,087	2,042	766.0			
MEAN						16.5	67.3	65.9	25.5			
MAX						49	104	88	63			
MIN						3.0	29	45	4.0			
AC-FT						982	4,140	4,050	1,520			
PARTIAL YEAR 1995	TOTAL	5,390.2	MEAN	44.2	MAX	104	MIN	3.0	AC-FT	10,690		

REPUBLICAN RIVER BASIN

RED WILLOW CANAL from Red Willow Creek, 00126000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	16	59	50			
2						0	21	59	57			
3						0	21	58	54			
4						0	21	43	54			
5						0	21	38	54			
6						0	21	44	48			
7						0	23	45	47			
8						0	24	54	40			
9						0	24	67	36			
10						0	47	75	36			
11						0	121	69	35			
12						0	86	64	40			
13						0	83	65	42			
14						0	84	66	33			
15						0	86	64	9.8			
16						0	87	60	0			
17						0	74	59	0			
18						0	65	54	0			
19						46	65	52	0			
20						47	68	52	0			
21						31	59	62	0			
22						28	54	74	0			
23						23	54	72	0			
24						21	62	66	0			
25						21	72	54	0			
26						21	77	52	0			
27						21	76	52	0			
28						21	68	58	0			
29		-----				21	65	55	0			
30		-----				21	66	50	0			
31		-----		-----		-----	68	50	-----		-----	
TOTAL						322	1,779	1,792	635.8			
MEAN						10.7	57.4	57.8	21.2			
MAX						47	121	75	57			
MIN						0	16	38	0			
AC-FT						639	3,530	3,550	1,260			
YEAR 1995	MAX	121	MIN	0	AC-FT	8,980						

REPUBLICAN RIVER BASIN

BARTLEY CANAL from Republican River, 00006000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	34	87	64			
2						0	34	83	58			
3						0	34	79	58			
4						0	35	72	61			
5						0	29	69	72			
6						0	26	68	52			
7						8.6	31	82	32			
8						10	32	89	31			
9						8.5	32	88	32			
10						7.5	61	92	32			
11						7.4	75	81	29			
12						7.4	87	74	27			
13						7.3	89	74	23			
14						7.0	86	70	18			
15						6.4	80	67	5.2			
16						6.7	78	66	0			
17						6.9	82	61	0			
18						7.3	87	57	0			
19						7.7	88	57	0			
20						8.1	82	56	0			
21						38	67	72	0			
22						33	60	87	0			
23						32	60	82	0			
24						33	84	72	0			
25						32	96	67	0			
26						32	95	66	0			
27						36	94	64	0			
28						33	85	69	0			
29		-----				30	81	75	0			
30		-----				32	81	78	0			
31		-----		-----		-----	87	75	-----		-----	
TOTAL						437.8	2,072	2,279	594.2			
MEAN						14.6	66.8	73.5	19.8			
MAX						38	96	92	72			
MIN						0	26	56	0			
AC-FT						868	4,110	4,520	1,180			
YEAR 1995	MAX	96	MIN	0	AC-FT	10,680						

REPUBLICAN RIVER BASIN

MEDICINE CREEK above Harry Strunk Lake - 1995

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.
E indicates estimated daily discharge.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 11,600 cubic feet per second June 21, 1967, gage height 20.05 feet; minimum daily discharge 9.1 cubic feet per second August 9, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 158 cubic feet per second June 25, gage height 6.05 feet; minimum daily discharge 14 cubic feet per second August 31, September 1 & 2.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	55E	56	54	57	64	71	49	22E	14	55	43	47
2	55E	57	53	57	77	71	49	23E	14	44	43	48
3	52E	59	54	56	77	66	50	23	15	39	43	48
4	50E	61	53	54	85	67	50	24	15	36	43	47
5	48E	56	53	55	88	66	49	27	15	35	43	47
6	48E	56	52E	54	73	66	48	26	19	35	43	47
7	50E	54	53E	54	82	64	46	24	18	37	44	47
8	52E	55	52E	54	86	64	43	22	19	38	44	45
9	55E	53	54E	53	73	66	42	23	20	38	45	42E
10	57E	50	57E	53	66	68	40	22	20	37	46	42E
11	58E	50	59	54	62	63	38E	23	22	37	45	42E
12	59E	49	62	57	60	60	36E	23	22	36	45	46E
13	59E	47	62	60	58	58	35E	21	23	36	46	50E
14	58E	47E	62	65	60	56	33E	21	23	35	47	55E
15	58E	47E	60	63	59	54	32E	22	22	36	48	54E
16	56	50E	59	61	57	52	36E	22	22	36	48	53E
17	55	54E	57	59	56	49	34E	19	23	37	48	51E
18	55	52	58	66	54	47	31E	22	24	38	47	50
19	54	54	60	80	53	46	29E	23	32	37	47	50
20	55	56	60	83	53	45	28E	21	49	36	46	49
21	54	57	59	79	53	43	27E	19	55	37	45	49
22	54	60	58	78	54	42	26E	18	42	38	46	49
23	54	60	56	70	57	42	26E	19	40	42	46	51
24	55	59	54	66	59	80	25E	18	38	45	46	52
25	52	58	54	63	59	115	25E	19	37	52	47	51E
26	51	58	54	61	63	68	29E	20	36	53	48	51E
27	54	57	55	60	77	62	36E	21	35	53	47	50E
28	57	55	58	60	92	57	28E	20	35	50	46	49E
29	61	-----	61	59	98	51	25E	19	36	48	46	48E
30	58	-----	59	59	83	50	24E	16	52	45	46	48E
31	57	-----	58	-----	76	-----	23E	14	-----	44	-----	48E
TOTAL	1,696	1,527	1,760	1,850	2,114	1,809	1,092	656	837	1,265	1,367	1,506
MEAN	54.7	54.5	56.8	61.7	68.2	60.3	35.2	21.2	27.9	40.8	45.6	48.6
MAX	61	61	62	83	98	115	50	27	55	55	48	55
MIN	48	47	52	53	53	42	23	14	14	35	43	42
AC-FT	3,360	3,030	3,490	3,670	4,190	3,590	2,170	1,300	1,660	2,510	2,710	2,990
YEAR 1995	TOTAL	17,479	MEAN	47.9	MAX	115	MIN	14	AC-FT	34,670		

REPUBLICAN RIVER BASIN

HARRY STRUNK LAKE near Cambridge, 06842000 - 1995

LOCATION.--NE1/4 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.--Published by U. S. Geological Survey up to October 1, 1994.
E indicates estimated daily contents.

COOPERATION.--Reservoir capacity table furnished by U. S. Bureau of Reclamation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents 55,750 acre-feet March 23, 1960 elevation 2,374.10 ft.
Minimum since start of operation 7,840 acre-feet September 7, 1978 elevation 2,340.39 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents 39,880 acre-feet May 27, elevation 2,368.27 feet;
minimum contents 13,010 acre-feet September 10, elevation 2,348.29 feet.

STORAGE CAPACITY TABLE.--elevation in feet, storage in acre-feet

2,345	10,320	2,360	25,910
2,350	14,500	2,365	33,730
2,355	19,630	2,370	43,470

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	28,370	31,540	34,220	34,990	37,580	39,360	38,400	27,010	14,280	14,310	16,650	19,260
2	28,430	31,660	34,310	35,070	37,700	39,340	38,340	26,510	14,100	14,390	16,720	19,360
3	28,530	31,740	34,400	35,070	37,970	39,260	38,470	26,170	13,900	14,460	16,780	19,440
4	28,590	31,860	34,510	35,050	38,120	39,340	38,490	25,900	13,650	14,540	16,870	19,550
5	28,700	31,940	34,580	35,160	38,280	39,360	38,450	25,650	13,400	14,590	16,960	19,610
6	28,780	32,040	34,780	35,160	38,530	39,360	38,490	25,380	13,250	14,640	17,060	19,690
7	28,870	32,110	34,810	35,210	38,770	39,260	38,510	24,960	13,060	14,730	17,120	19,780
8	28,930	32,210	34,890	35,140	39,000	39,140	38,470	24,410	13,030	14,810	17,210	19,820
9	29,040	32,330	35,010	35,140	39,100	39,140	38,400	23,750	13,010	14,860	17,340	19,830
10	29,150	32,420	35,160	35,190	39,140	39,100	38,030	23,130	13,010	14,910	17,360	19,900
11	29,250	32,480	35,280	35,180	39,300	39,120	37,530	22,570	13,040	14,980	17,480	19,980
12	29,350	32,540	35,410	35,210	39,400	39,160	36,900	22,020	13,040	15,080	17,590	20,060
13	29,470	32,620	35,390	35,270	39,520	39,220	36,340	21,470	13,050	15,120	17,640	20,150
14	29,580	32,790	35,320	35,300	39,580	39,300	35,720	20,870	13,040	15,170	17,790	20,270
15	29,710	32,790	35,270	35,340	39,680	39,280	35,190	20,410	13,080	15,250	17,850	20,350
16	29,850	32,910	35,210	35,430	39,660	39,260	34,620	20,060	13,120	15,310	17,980	20,420
17	29,940	33,100	35,180	35,690	39,520	39,200	34,060	19,700	13,130	15,380	18,060	20,520
18	30,050	33,190	35,120	35,850	39,520	39,140	33,680	19,400	13,240	15,440	18,140	20,610
19	30,130	33,290	35,050	35,980	39,580	39,140	33,210E	19,060	13,220	15,470	18,230	20,680
20	30,240	33,430	35,010	36,190	39,500	39,180	32,760E	18,810	13,310	15,540	18,340	20,770
21	30,340	33,550	34,990	36,320	39,520	39,040	32,300E	18,540	13,450	15,630	18,390	20,870
22	30,440	33,660	34,980	36,450	39,540	38,810	31,840E	18,170	13,540	15,720	18,490	20,940
23	30,530	33,730	34,920	36,600	39,580	38,650	31,410E	17,810	13,650	15,810	18,570	20,990
24	30,630	33,850	34,890	36,710	39,560	38,530	30,970E	17,390	13,710	15,890	18,670	21,050
25	30,730	33,990	34,900	36,880	39,560	38,650	30,550E	17,000	13,810	16,000	18,760	21,130
26	30,860	34,050	34,920	36,940	39,680	38,670	30,120E	16,620	13,880	16,100	18,910	21,210
27	30,990	34,100E	34,890	37,030	39,800	38,730	29,710E	16,280	13,950	16,200	18,910	21,290
28	31,070	34,150E	34,890	37,160	39,660	38,710	29,320	15,900	14,010	16,290	18,970	21,360
29	31,180	-----	34,890	37,260	39,580	38,570	28,720	15,490	14,170	16,380	19,110	21,460
30	31,310	-----	34,920	37,430	39,500	38,490	28,130	15,040	14,190	16,460	19,210	21,580
31	31,450	-----	34,960	-----	39,440	-----	27,410	14,610	-----	16,560	-----	21,690
MAX	31,450	34,150	35,410	37,430	39,800	39,360	38,510	27,010	14,280	16,560	19,210	21,690
MIN	28,370	31,540	34,220	34,990	37,580	38,490	27,410	14,610	13,010	14,310	16,650	19,260
CHANGE	3,200	2,700	810	2,470	2,010	-950	-11,080	-12,800	-420	2,370	2,650	2,480

YEAR 1995 MEAN 27,795 MAX 39,800 MIN 13,010

REPUBLICAN RIVER BASIN

MEDICINE CREEK below Harry Strunk Lake, 06842500 - 1995

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.
E indicates estimated daily discharge. Records good, except estimated records 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 320 cubic feet per second estimated August 10, from high water mark at gage height 2.78 feet; minimum daily discharge 0.16 cubic feet per second September 29.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	.58	.53	1.3	41	.97	121	65	270	174 E	.19	.26	.30
2	.55	.50	1.2	41	.80	90	64	240	123	.18	.26	.27
3	.61	.50	1.1	41	1.1	78	63	206	116	.18	.28	.28
4	.58	.47	1.1	41	1.0	81	64	172	145	.18	.30	.31
5	.61	.47	1.2	41	1.1	81	65	157	181	.26	.29	.32
6	.59	.51	1.8	41	2.1	81	64	165	135	.22	.27	.30
7	.56	.53	1.4	41	4.9	81	63	224E	73	.21	.29	.30
8	.57	.53	1.3	41	4.9	83	63	289E	40	.21	.30	.28
9	.59	.53	1.3	42	9.3	82	90	318E	27	.21	.32	.69
10	.54	.55	1.7	42	2.1	74	199	320E	26	.27	.35	.45
11	.55	.60	1.5	42	1.5	64	286	302E	27	.22	.35	.31
12	.59	.57	1.7	41	1.4	48	317	288E	26	.18	.35	.33
13	.58	.53	57	40	3.9	48	305	287E	26	.20	.35	.34
14	.59	.58	90	40	10	48	293	287E	26	.20	.35	.30
15	.58	.60	92	29	20	48	291	260E	2.4	.23	.35	.27
16	.48	.60	90	.77	28	48	294	223	.34	.23	.34	.30
17	.54	.54	86	.81	29	47	267	202	.27	.23	.37	.28
18	.55	.47	88	.79	30	46	229	171	.26	.18	.34	.26
19	.73	.47	86	.61	30	24	215	157	.24	.21	.35	.27
20	.68	.59	87	.71	31	14	202	155	.25	.22	.37	.28
21	.53	.71	71	.70	31	99	176	158E	.27	.24	.37	.27
22	.53	.80	62	.70	31	117	165	198E	.26	.22	.35	.27
23	.53	.80	61	.70	31	77	164	198E	.24	.42	.35	.27
24	.52	.84	60	.70	30	61	209	218E	.23	.29	.31	.27
25	.50	.87	61	.75	30	59	275	211E	.21	.26	.30	.27
26	.48	.87	61	.82	72	50	298	205E	.21	.27	.36	.27
27	.53	1.0	61	.70	115	42	314	203E	.18	.27	.32	.27
28	.50	1.1	49	.70	133	64	299	197E	.17	.28	.31	.27
29	.54	-----	42	.70	128	66	288	229E	.16	.31	.35	.27
30	.53	-----	42	1.2	124	66	288	235E	.21	.29	.28	.27
31	.53	-----	42	-----	122	-----	288	216E	-----	.27	-----	.31
TOTAL	17.37	17.66	1,304.6	615.36	1,060.07	1,988	6,263	6,961	1,150.90	7.33	9.74	9.45
MEAN	.56	.63	42.1	20.5	34.2	66.3	202	225	38.4	.24	.32	.30
MAX	.73	1.1	92	42	133	121	317	320	181	.42	.37	.69
MIN	.48	.47	1.1	.61	.80	14	63	155	.16	.18	.26	.26
AC-FT	34	35	2,590	1,220	2,100	3,940	12,420	13,810	2,280	15	19	19
YEAR 1995	TOTAL	19,404.48	MEAN	53.2	MAX	320	MIN	.16	AC-FT	38,490		

REPUBLICAN RIVER BASIN

CAMBRIDGE CANAL from Republican River, 00020000 - 1995

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 the United States Bureau of Reclamation

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	99	239	188			
2						0	99	210	171			
3						0	99	191	171			
4						0	99	156	175			
5						0	91	144	191			
6						0	88	144	141			
7						0	97	176	97			
8						0	99	229	76			
9						0	101	272	71			
10						0	153	292	71			
11						0	199	260	71			
12						0	243	247	71			
13						0	271	248	72			
14						0	282	249	72			
15						208	280	234	22			
16						105	274	217	0			
17						35	264	204	0			
18						47	242	169	0			
19						64	236	152	0			
20						79	218	151	0			
21						95	184	159	0			
22						99	173	198	0			
23						98	172	221	0			
24						98	198	238	0			
25						99	245	238	0			
26						99	280	235	0			
27						100	298	238	0			
28						101	278	233	0			
29						99	269	237	0			
30		-----				99	268	242	0			
31		-----		-----		-----	272	229	-----		-----	
TOTAL						1,525	6,171	6,652	1,660			
MEAN						50.8	199	215	55.3			
MAX						208	298	292	191			
MIN						0	88	144	0			
AC-FT						3,020	12,240	13,190	3,290			
YEAR 1995	MAX	298	MIN	0	AC-FT	31,750						

REPUBLICAN RIVER BASIN

TURKEY CREEK at Edison, 06844210 - 1995

LOCATION.--NE1/4SW1/4 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.
E indicates estimated daily discharge. Records good except estimated records poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,040 cubic feet per second July 27, 1993, gage height 14.28 feet; minimum daily discharge 0.01 cubic feet per second September 6, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 88 cubic feet per second May 27, gage height 5.41 feet; minimum daily discharge 4.0 cubic feet per second August 30.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	12	12	9.8E	14	19	19	19 E	10	5.3	6.2	9.1	10
2	11 E	13	9.0E	14	17	17	18 E	11	5.2	6.2	9.3	10
3	9.5E	13	10 E	14	18	17	17 E	7.6	5.3	6.4	8.5	10
4	8.2E	13	9.0E	13	18	19	19 E	7.7	4.7	6.5	8.0	10
5	7.2	13	8.0E	13	17	38	30 E	6.5	5.4	6.4	10	9.9
6	7.3E	13	10 E	14	17	27	17 E	6.3	8.2	6.6	9.1	10
7	7.4E	13	12	13	19	19	16 E	6.7	6.3	7.1	9.1	7.9
8	8.7E	13	13	14	21	19	15	6.7	5.8	7.2	9.1	6.0E
9	10	12 E	15	14	19	19	15	6.8	6.3	7.4	8.8	7.0E
10	35	10 E	19	14	17	20	14	7.1	5.7	7.1	9.3	8.7
11	25	8.5E	17	14	16	19	14	7.2	5.0	7.1	8.9	10
12	22	7.0E	14	14	16	17	14	7.7	4.7	7.2	11	14
13	20	8.8E	14	14	17	16	15	8.0	4.5	7.3	10	13
14	19	11 E	13	14	17	16	15	7.5	4.3	7.7	9.7	12
15	17	12 E	13	14	15	17	15	7.1	4.2	7.9	9.4	12
16	16	14	13	14	15	16	14	6.7	4.1	8.2	9.8	11
17	15	15	13	14	15	16	16	6.0	4.3	7.7	9.5	11
18	14	17	13	17	15	16	14	5.9	4.5	8.2	9.9	12
19	13	15	13	17	15	16	13	9.3	4.9	8.2	9.7	11
20	13	12	14	15	16	17	13	8.7	5.3	8.2	9.4	11
21	13	12	14	15	16	16	11	6.2	6.0	8.7	9.5	11
22	13	12	13	15	16	16	10	5.0	6.2	9.0	9.4	12
23	11	12	13	14	26	18	8.4	4.6	5.6	9.6	10	8.9
24	13	12	13	14	21	21	8.5	5.3	5.8	10	10	7.7E
25	15	12	18	14	16	18	8.6	6.4	6.1	10	10	7.7E
26	15	12	21	15	17	17	8.2	7.7	6.2	9.0	10	7.7E
27	15	11 E	17	15	58	16	8.7	6.2	5.8	8.9	10	7.0E
28	15	11 E	14	14	47	17	9.0	5.4	5.7	9.0	7.9	6.5E
29	13	-----	14	15	23	17	8.6	4.6	5.8	8.8	11	7.0E
30	12	-----	14	16	19	18E	8.7	4.3	5.4	8.5	12	7.7E
31	12	-----	14	-----	19	-----	9.9	4.0	-----	8.9	-----	8.5E
TOTAL	437.3	339.3	416.8	431	617	554	422.6	210.2	162.6	245.2	287.4	298.2
MEAN	14.1	12.1	13.4	14.4	19.9	18.5	13.6	6.78	5.42	7.91	9.58	9.62
MAX	35	17	21	17	58	38	30	11	8.2	10	12	14
MIN	7.2	7.0	8.0	13	15	16	8.2	4.0	4.1	6.2	7.9	6.0
AC-FT	867	673	827	855	1,220	1,100	838	417	323	486	570	591
YEAR 1995	TOTAL	4,421.6	MEAN	12.1	MAX	58	MIN	4.0	AC-FT	8,770		

REPUBLICAN RIVER BASIN

BEAVER CREEK near Beaver City, 06847000 - 1995

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.
E indicates estimated daily discharges. Records fair, except estimated records 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 58 cubic feet per second May 28, gage height 4.65 feet; minimum daily discharge 0.20 cubic feet per second September 17 & 18.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	.95	1.0	1.3	2.1	3.5	18	4.0	.64	.28	.30	.87	.71
2	.90	1.1	1.3	2.1	3.4	17	4.0	.62	.30	.32	.72	.67
3	.91	1.2	1.3	2.1	4.4	16	3.8	.61	.29	.35	.59	.74
4	1.3	1.1	1.5	2.0	5.2	16	4.4	.67	.28	.36	.60	.75
5	1.3	1.1	1.4	2.1	4.7	15	4.7	.67	.27	.32	.55	.74
6	1.3	1.2	1.4	2.0	4.6	16	4.5	.59	.39	.38	.56	.71
7	1.5	1.2	1.5	2.0	5.5	36	3.6	.55	.26	.45	.55	.74
8	1.2	1.3	1.5	2.1	7.6	23	3.6	.51	.26	.46	.57	.70
9	1.2	1.3	1.5	2.0	8.9	19	4.1	.37	.27	.44	.60	.70E
10	1.1	1.3	1.6	2.2	8.6	17	3.7	.36	.30	.33	.65	.71E
11	1.1	1.3	1.7	2.1	7.2	18	3.3	.32	.32	.34	.64	.71E
12	1.0	1.2	1.6	2.0	6.4	16	3.1	.29	.31	.38	.64	.71E
13	1.0	1.3	1.6	1.9	7.8	14	2.8	.32	.28	.40	.64	.72E
14	1.0	1.3	1.7	1.8	8.8	13	2.2	.33	.26	.46	.64	.72E
15	.95	1.4	1.8	1.8	8.1	12	1.8	.41	.25	.52	.67	.72E
16	1.0	1.4	1.8	1.7	6.9	12	1.6	.40	.22	.54	.72	.72E
17	1.0	1.5	1.9	1.6	6.0	11	1.6	.38	.20	.47	.68	.73E
18	.92	1.4	1.8	2.0	5.5	10	1.7	.33	.20	.47	.68	.73E
19	.87	1.4	1.7	1.8	5.3	9.2	1.6	.36	.24	.58	.69	.73E
20	.84	1.4	1.6	1.9	5.2	8.8	1.6	.41	.25	.64	.69	.74E
21	.90	1.4	1.5	2.6	4.9	8.3	1.4	.39	.38	.73	.69	.74E
22	.89	1.4	1.6	3.7	5.0	7.3	1.3	.37	.30	.80	.66	.74E
23	.86	1.5	1.6	2.6	8.5	6.8	1.1	.30	.30	1.2	.64	.74E
24	.84	1.6	1.6	2.3	12	6.5	1.1	.27	.28	1.1	.65	.75E
25	.81	1.5	2.0	2.2	13	6.2	1.3	.28	.30	1.1	.64	.75E
26	.82	1.5	2.6	2.4	11	5.7	1.1	.27	.30	1.2	.61	.75E
27	.95	1.4	2.5	2.4	37	5.4	.98	.32	.27	1.3	.56	.76E
28	.99	1.3	2.5	2.3	50	5.4	.84	.31	.27	1.2	.52	.76E
29	.95	-----	2.5	2.3	30	4.8	.76	.28	.27	1.1	.62	.76E
30	.90	-----	2.4	2.7	20	4.1	.64	.24	.30	.94	.74	.77E
31	.90	-----	2.2	-----	19	-----	.62	.24	-----	.86	-----	.77E
TOTAL	31.15	37.0	54.5	64.8	334.0	377.5	72.84	12.41	8.40	20.04	19.28	22.69
MEAN	1.00	1.32	1.76	2.16	10.8	12.6	2.35	.40	.28	.65	.64	.73
MAX	1.5	1.6	2.6	3.7	50	36	4.7	.67	.39	1.3	.87	.77
MIN	.81	1.0	1.3	1.6	3.4	4.1	.62	.24	.20	.30	.52	.67
AC-FT	62	73	108	129	662	749	144	25	17	40	38	45
YEAR 1995	TOTAL	1,054.61	MEAN	2.89	MAX	50	MIN	.20	AC-FT	2,090		

REPUBLICAN RIVER BASIN

HARLAN COUNTY RESERVOIR near Republican City, 06849000 - 1995

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 13,550 square miles contributes directly to surface runoff.

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

PERIOD OF RECORD.--November 1952 - present

REMARKS.--Published by U.S. Geological Survey up to Oct. 1, 1994.
Area and storage data provided by the U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents 497,400 acre-feet April 6, 1960, elevation 1,955.67 ft.
Minimum since start of operation, 110,300 acre-feet October 22 to November 6, 1953, elevation 1,922.00 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents 386,100 acre-feet June 6, elevation 1950.99 feet;
minimum contents 248,300 acre-feet September 17, elevation 1940.47 feet.

STORAGE CAPACITY TABLE.--elevation in feet, storage in acre-feet

1,928	128,300	1,940	243,100	1,955	449,810
1,930	144,300	1,945	302,000	1,960	536,460
1,935	190,800	1,950	371,310		

DAILY CONTENTS IN ACRE-FEET FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	284,400	294,700	304,200	321,600	338,000	382,500	351,700	305,900	262,000	250,800	251,500	257,500
2	284,400	295,300	304,600	322,000	338,800	383,400	349,800	304,500	260,900	250,900	251,800	257,900
3	284,400	295,600	304,700	322,600	340,900	383,700	349,800	302,800	259,500	250,900	251,800	258,300
4	284,500	295,700	305,300	323,000	341,200	384,900	349,100	299,800	258,100	250,900	251,800	258,600
5	284,700	296,200	305,500	323,400	342,000	385,800	348,500	299,400	257,000	251,100	251,900	258,600
6	285,000	296,600	306,700	323,500	342,700	386,100	347,300	297,600	256,700	250,600	252,300	258,600
7	285,200	297,000	306,700	324,300	346,000	385,700	346,700	296,300	255,300	250,300	252,400	258,700
8	285,500	297,000	306,600	324,900	347,400	385,700	345,700	294,800	254,400	250,500	252,400	258,900
9	285,700	297,700	307,000	325,000	348,800	384,600	344,300	294,100	253,700	250,600	252,700	259,000
10	285,900	298,000	307,500	326,100	349,400	383,600	343,000	292,500	252,800	250,500	253,300	259,000
11	286,100	298,200	308,000	326,900	349,400	382,700	341,300	290,900	252,000	250,500	253,300	259,300
12	286,300	298,500	308,800	326,500	349,800	381,800	339,500	289,100	251,500	250,500	253,500	259,000
13	286,700	298,600	309,200	326,800	349,800	380,600	337,400	287,300	250,800	250,500	253,600	259,400
14	286,900	298,900	309,700	327,600	349,700	379,700	335,900	286,300	249,600	250,500	253,800	259,400
15	287,300	299,000	310,000	327,600	349,500	378,000	334,200	285,300	249,400	250,500	253,800	259,700
16	287,900	299,200	310,500	328,200	349,200	377,100	332,400	284,800	248,700	250,300	254,500	259,700
17	288,000	299,600	311,400	329,500	350,400	375,800	330,500	283,800	248,300	250,300	254,600	260,300
18	288,500	300,100	311,800	330,200	350,500	374,300	329,000	282,900	248,700	250,300	254,900	260,500
19	288,900	300,900	312,700	330,300	350,700	372,800	327,900	281,900	249,400	250,600	255,100	260,500
20	289,200	301,200	313,100	331,600	350,700	371,200	326,200	280,700	249,900	250,600	255,100	260,900
21	289,500	301,500	313,600	332,100	350,500	369,100	324,900	279,600	250,500	250,300	255,300	261,200
22	290,000	301,800	314,300	332,500	350,400	367,600	323,400	278,400	250,300	249,800	255,800	261,800
23	290,400	302,200	314,400	333,200	352,700	366,000	321,600	276,700	250,100	250,800	255,900	262,000
24	290,700	302,700	314,800	333,700	353,500	364,500	319,600	275,500	250,200	250,700	256,100	262,000
25	291,000	303,200	316,200	334,200	354,300	362,500	318,700	273,700	250,200	250,600	256,600	262,500
26	291,600	303,500	319,500	334,800	356,600	360,600	316,800	272,200	250,200	250,900	256,900	262,600
27	292,600	303,700	319,500	334,800	366,700	358,600	315,200	270,300	250,100	250,900	256,900	262,800
28	292,800	303,800	319,800	335,200	371,800	357,300	313,400	268,500	250,300	250,800	256,900	263,100
29	293,100	-----	320,000	335,900	376,400	355,300	311,400	266,400	250,700	250,600	257,100	263,200
30	293,700	-----	320,800	337,300	379,500	353,000	309,700	265,000	250,900	250,700	257,300	263,500
31	294,200	-----	321,400	-----	381,200	-----	308,000	263,300	-----	251,000	-----	263,700
MAX	294,200	303,800	321,400	337,300	381,200	386,100	351,700	305,900	262,000	251,100	257,300	263,700
MIN	284,400	294,700	304,200	321,600	338,000	353,000	308,000	263,300	248,300	249,800	251,500	257,500
CHANGE	10,100	9,600	17,600	15,900	43,900	-28,200	-45,000	-44,700	-12,400	100	6,300	6,400

YEAR 1995

MEAN 299,089 MAX 386,100 MIN 248,300

REPUBLICAN RIVER BASIN

NAPONEE CANAL from Republican River, 00105000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	16	29	22			
2						0	15	32	17			
3						0	15	32	15			
4						0	5.5	29	15			
5						0	0	27	17			
6						0	8.4	27	18			
7						0	15	27	18			
8						0	18	25	15			
9						0	21	20	5.2			
10						0	21	19	0			
11						0	24	19	0			
12						0	28	19	0			
13						0	29	19	0			
14						0	31	22	0			
15						0	28	24	0			
16						0	26	24	0			
17						0	28	24	0			
18						0	31	21	0			
19						0	31	17	0			
20						0	29	15	0			
21						0	26	18	0			
22						0	23	21	0			
23						0	22	21	0			
24						0	22	22	0			
25						0	22	23	0			
26						11	22	23	0			
27						15	22	23	0			
28						17	24	23	0			
29		-----				18	22	23	0			
30		-----				18	20	24	0			
31		-----		-----		-----	24	25	-----		-----	
TOTAL						79	668.9	717	142.2			
MEAN						2.63	21.6	23.1	4.74			
MAX						18	31	32	22			
MIN						0	0	15	0			
AC-FT						157	1,330	1,420	282			
YEAR 1995	MAX	32	MIN	0	AC-FT	3,190						

REPUBLICAN RIVER BASIN

FRANKLIN CANAL from Republican River, 00053000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	143	243	223			
2						0	143	224	205			
3						0	143	215	210			
4						0	143	215	219			
5						0	143	234	219			
6						0	153	231	215			
7						0	159	202	196			
8						0	172	185	178			
9						0	183	184	173			
10						0	211	193	172			
11						0	245	209	158			
12						0	252	224	147			
13						0	252	246	147			
14						0	252	240	147			
15						0	252	192	147			
16						0	252	172	136			
17						0	252	171	126			
18						0	251	171	112			
19						0	250	171	54			
20						0	249	171	0			
21						81	249	183	0			
22						115	252	215	0			
23						115	259	227	0			
24						115	272	246	0			
25						113	269	253	0			
26						112	265	253	0			
27						112	264	255	0			
28						112	262	261	0			
29		-----				119	262	249	0			
30		-----				134	261	247	0			
31		-----		-----		-----	256	241	-----		-----	
TOTAL						1,128	6,971	6,723	3,184			
MEAN						37.6	225	217	106			
MAX						134	272	261	223			
MIN						0	143	171	0			
AC-FT						2,240	13,830	13,340	6,320			
YEAR 1995	MAX	272	MIN	0	AC-FT	35,710						

REPUBLICAN RIVER BASIN

THOMPSON CREEK at Riverton, 06851500 - 1995

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.

GAGE.--Continuous stage recorder. Gage datum is 1,753.38 feet above sea level.

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.
E indicates estimated daily discharge. Estimated daily discharges; January 1-9, 17-24, February 5-15, February 27-March 9, November 3-5, 9-11, 27-28, December 6-12, 17-25, 30-31; due to backwater from ice conditions. Records fair except for estimated records which 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 7.8 cubic feet per second July 28, 1995.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,740 cubic feet per second May 27, gage height 9.46 feet; minimum daily discharge 7.8 cubic feet per second July 28.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	21E	20	19E	26	29	43	19	21	17	23	33	34
2	21E	21	18E	24	27	47	19	26	17	21	33	36
3	21E	21	19E	25	39	50	22	21	13	20	26E	36
4	20E	21	20E	24	32	164	21	16	13	21	25E	38
5	21E	20E	20E	25	32	218	15	48	11	25	26E	36
6	21E	18E	19E	25	32	146	15	335	16	27	27	30E
7	20E	17E	17E	25	70	64	14	131	14	26	26	29E
8	21E	17E	16E	25	57	44	14	34	13	23	25	25E
9	22E	19E	28	25	38	48	14	16	12	23	30E	18E
10	23	18E	29	25	35	31	9.6	21	13	23	28E	17E
11	23	18E	26	23	31	35	10	20	13	20	26E	19E
12	23	18E	28	23	31	36	9.6	22	14	18	28	22E
13	23	18E	27	23	30	27	13	26	14	16	28	23
14	22	18E	26	23	30	31	11	34	12	17	30	26
15	23	19E	26	24	27	29	13	77	13	17	30	29
16	23	23	25	26	29	28	12	51	14	19	30	28
17	19E	24	24	26	32	28	13	25	14	20	29	27E
18	19E	24	26	27	32	26	12	17	13	20	30	26E
19	18E	25	27	24	31	30	18	20	18	21	27	25E
20	18E	24	29	26	28	24	13	27	24	19	31	25E
21	17E	23	25	26	28	30	9.4	33	25	20	35	21E
22	17E	24	28	25	30	28	9.3	23	23	17	34	19E
23	16E	23	29	25	48	28	8.9	17	25	16	35	18E
24	17E	23	28	26	34	42	10	17	26	15	33	21E
25	17	23	30	24	25	24	9.3	19	27	21	30	23E
26	18	22	35	26	23	24	10	18	26	30	30	25
27	20	20E	30	24	1,120	21	9.0	16	23	29	30E	24
28	20	21E	28	24	1,030	19	7.8	13	23	30	27E	23
29	19	-----	28	24	325	21	8.9	11	24	32	30	22
30	20	-----	26	27	104	19	11	13	23	31	29	21E
31	20	-----	26	-----	55	-----	12	14	-----	33	-----	21E
TOTAL	623	582	782	745	3,514	1,405	392.8	1,182	533	693	881	787
MEAN	20.1	20.8	25.2	24.8	113	46.8	12.7	38.1	17.8	22.4	29.4	25.4
MAX	23	25	35	27	1,120	218	22	335	27	33	35	38
MIN	16	17	16	23	23	19	7.8	11	11	15	25	17
AC-FT	1,240	1,150	1,550	1,480	6,970	2,790	779	2,340	1,060	1,370	1,750	1,560
YEAR 1995	TOTAL	12,119.8	MEAN	33.2	MAX	1,120	MIN	7.8	AC-FT	24,040		

REPUBLICAN RIVER BASIN

FRANKLIN PUMP CANAL from Republican River, 00054000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1							0	42	29			
2							0	43	19			
3							0	39	15			
4							0	34	16			
5							0	30	25			
6							0	9.9	27			
7							0	0	29			
8							0	0	30			
9							9.4	4.3	31			
10							16	24	31			
11							16	35	28			
12							25	35	25			
13							31	35	20			
14							32	36	16			
15							32	31	5.0			
16							32	28	0			
17							40	27	0			
18							42	19	0			
19							41	16	0			
20							40	18	0			
21							38	29	0			
22							36	32	0			
23							36	35	0			
24							37	36	0			
25							37	35	0			
26							37	34	0			
27							37	34	0			
28							37	35	0			
29		-----					37	39	0			
30		-----					37	39	0			
31		-----		-----		-----	40	35	-----		-----	
TOTAL							765.4	889.2	346.0			
MEAN							24.7	28.7	11.5			
MAX							42	43	31			
MIN							0	0	0			
AC-FT							1,520	1,760	686			
YEAR 1995	MAX	43	MIN	0	AC-FT	3,970						

REPUBLICAN RIVER BASIN

ELM CREEK at Amboy, 06852000 - 1995

LOCATION.--NE1/4NW1/4 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, 200 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.

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, 1960 - 1977, occasional low flow measurements 1954 - 1977, 1977 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.
E indicates estimated daily discharge. Estimated daily discharges; January 1-4, February 10-15, February 27-March 9, December 6-11, 17-23, 31 due to backwater from ice conditions; January 5-February 7, April 20-24 due to missing gage height record. Records good except for estimated records, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 7,800 cubic feet per second September 29, 1983 at gage height 16.96 ft. from flood mark; maximum gage height 17.05 ft. July 4, 1959; minimum daily discharge 6.2 cubic feet per second August 28, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharge 374 cubic feet per second May 28, gage height 11.88 feet; minimum daily discharge 8.7 cubic feet per second September 10.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	13E	15E	13E	16	18	22	14	10	9.4	10	13	15
2	14E	15E	14E	16	16	21	14	9.9	10	10	13	15
3	13E	15E	14E	16	19	20	14	9.5	10	10	13	15
4	14E	15E	13E	14	20	25	16	9.2	9.9	10	13	14
5	14E	15E	13E	15	21	66	21	9.1	9.6	12	13	14
6	14E	15E	13E	15	19	71	17	30	9.7	11	13	13E
7	14E	15E	12E	15	36	25	14	62	9.8	11	13	13E
8	14E	15	12E	15	160	20	13	19	9.1	10	13	13E
9	15E	15	14E	15	57	19	13	15	8.9	10	14	13E
10	15E	14E	16	14	26	19	12	14	8.7	10	13	13E
11	15E	13E	16	14	20	18	12	13	9.4	10	13	14E
12	15E	12E	16	15	20	18	11	12	9.4	11	14	15
13	15E	13E	15	16	20	17	11	11	9.5	11	14	15
14	15E	14E	15	17	18	17	11	62	9.4	11	14	15
15	15E	14E	15	17	17	17	11	22	9.3	11	14	15
16	15E	15	15	16	20	16	11	15	9.1	11	14	15
17	15E	15	15	16	26	16	11	14	9.0	11	14	14E
18	15E	15	15	19	75	16	11	13	9.3	11	14	14E
19	15E	15	15	17	38	15	11	13	9.9	11	14	13E
20	15E	15	15	18	23	15	12	12	9.6	12	14	13E
21	14E	15	15	18E	21	15	11	12	10	11	14	13E
22	14E	15	15	17E	20	14	10	11	9.8	12	15	13E
23	15E	15	15	16E	34	15	11	11	9.9	12	14	13E
24	15E	15	16	15E	60	15	10	9.9	9.9	11	14	14
25	15E	15	17	14	28	15	11	10	9.9	12	15	15
26	16E	15	19	15	20	14	9.8	10	9.8	12	15	14
27	18E	14E	15	15	151	14	9.0	11	10	12	15	14
28	20E	14E	15	15	234	14	9.0	10	10	12	15	14
29	18E	-----	15	14	46	14	9.2	9.8	12	12	15	14
30	15E	-----	15	16	27	14	8.9	9.6	11	12	15	14
31	15E	-----	16	-----	23	-----	10	9.1	-----	13	-----	13E
TOTAL	465	408	459	471	1,333	617	368.9	488.1	291.3	345	417	432
MEAN	15.0	14.6	14.8	15.7	43.0	20.6	11.9	15.7	9.71	11.1	13.9	13.9
MAX	20	15	19	19	234	71	21	62	12	13	15	15
MIN	13	12	12	14	16	14	8.9	9.1	8.7	10	13	13
AC-FT	922	809	910	934	2,640	1,220	732	968	578	684	827	857
YEAR 1995	TOTAL	6,095.3	MEAN	16.7	MAX	234	MIN	8.7	AC-FT	12,090		

REPUBLICAN RIVER BASIN

COURTLAND CANAL from Republican River, 00031000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	220	486	345			
2						0	221	493	322			
3						0	293	487	324			
4						0	316	491	333			
5						0	309	499	332			
6						0	311	504	290			
7						0	374	507	278			
8						0	389	497	277			
9						0	398	459	278			
10						0	425	436	280			
11						0	439	425	278			
12						0	440	387	280			
13						0	446	360	279			
14						0	443	339	271			
15						0	449	298	267			
16						0	450	282	189			
17						0	448	295	161			
18						0	473	313	69			
19						0	471	316	0			
20						0	450	316	0			
21						8.6	450	319	0			
22						74	450	318	0			
23						171	452	320	0			
24						218	455	321	0			
25						228	447	381	0			
26						230	434	451	0			
27						227	418	453	0			
28						228	440	458	0			
29		-----				225	444	450	0			
30		-----				221	441	372	0			
31		-----		-----		-----	457	277	-----		-----	
TOTAL						1,830.6	12,653	12,310	4,853			
MEAN						61.0	408	397	162			
MAX						230	473	507	345			
MIN						0	220	277	0			
AC-FT						3,630	25,100	24,420	9,630			
YEAR 1995	MAX	507	MIN	0	AC-FT	62,770						

REPUBLICAN RIVER BASIN

SUPERIOR CANAL from Republican River, 00137000 - 1995

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

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						0	104	144	102			
2						0	103	133	95			
3						0	103	133	95			
4						0	103	132	90			
5						0	98	134	87			
6						0	85	137	86			
7						0	93	134	80			
8						0	120	129	71			
9						0	118	128	62			
10						0	131	130	57			
11						0	141	130	47			
12						0	143	130	34			
13						0	145	130	23			
14						0	142	120	5.7			
15						0	140	71	0			
16						0	137	10	0			
17						0	136	0	0			
18						0	141	0	0			
19						0	143	0	0			
20						0	144	0	0			
21						0	144	70	0			
22						0	145	110	0			
23						0	146	110	0			
24						0	148	111	0			
25						51	148	122	0			
26						79	147	127	0			
27						80	147	127	0			
28						86	145	127	0			
29						103	144	126	0			
30						106	144	126	0			
31						-----	147	117	-----			
TOTAL						505	4,075	3,198	934.7			
MEAN						16.8	131	103	31.2			
MAX						106	148	144	102			
MIN						0	85	0	0			
AC-FT						1,000	8,080	6,340	1,850			
YEAR 1995	MAX	148	MIN	0	AC-FT	17,280						

BIG BLUE RIVER BASIN

BIG BLUE RIVER at Surprise, 06879900 - 1995

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.
E indicates estimated daily discharge. Records fair, except estimated records poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 10,700 cubic feet per second July 19, 1965, gage height 11.52 ft.
No flow during many years.

EXTREMES FOR CURRENT YEAR.--Peak discharge 415 cubic feet per second July 18, gage height 3.59 ft; minimum daily discharge 0.55 cubic feet per second October 1.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	6.0E	6.2E	2.7E	3.4	6.1	36	7.3	21	8.7	.55	2.0	3.4
2	5.8E	13 E	3.0E	4.1	6.4	81	7.6	12	8.8	.64	2.6	3.5
3	5.4E	60	3.6E	4.4	12	25	6.3	11	7.0	1.1	1.9	3.5
4	5.0E	48	3.8E	4.6	19	20	8.2	12	5.4	.58	1.9	3.6
5	5.6E	24 E	3.3E	4.5	16	28	8.5	13	5.3	.73	2.3	3.2
6	5.2E	11 E	3.0E	4.9	17	15	15	11	4.9	1.0	2.1	2.9E
7	4.4E	7.0E	2.9E	5.4	24	17	12	8.7	3.5	1.1	1.9	2.7E
8	5.0E	5.2E	2.8E	6.4	75	14	11	7.3	2.2	1.4	2.3	2.5E
9	6.0E	6.8E	3.3E	7.3	31	13	11	7.2	2.4	1.6	2.7	2.3E
10	7.0E	4.7E	5.4E	5.4	33	13	14	6.5	2.4	1.3	2.3E	2.3E
11	8.0E	2.8E	10 E	5.6	39	13	11	6.2	2.4	1.1	1.6E	2.4E
12	8.2E	2.7E	10	5.5	22	21	13	6.4	2.4	1.8	2.0E	2.5E
13	8.2E	2.7E	7.6	5.9	21	14	11	7.9	3.1	1.6	2.4	2.7E
14	7.6E	2.9E	6.8	5.9	21	14	9.0	5.4	3.5	1.0	2.7	3.0E
15	6.8E	2.8E	5.7	4.5E	20	14	7.1	6.2	2.9	1.1	2.7	3.3E
16	6.0E	2.5E	5.7	3.0E	15	19	6.6	8.4	2.4	1.2	2.2	3.6
17	5.2E	4.3E	5.9	2.0E	14	11	120	9.8	1.7	1.3	2.6	3.8
18	4.8E	6.4E	5.6	1.2	16	9.3	325	9.8	1.9	1.8	2.6	3.7E
19	4.6E	6.5	5.2	2.0	18	11	91	7.5	4.4	1.6	2.5	3.3E
20	4.2E	6.3	5.2	3.8	14	11	31	5.4	3.5	.92	2.7	3.2E
21	3.6E	6.2	4.5	6.7	13	9.3	23	6.3	3.3	1.4	2.9	3.2E
22	3.0E	6.8	3.4	5.2	15	7.5	20	6.5	2.8	1.8	2.9	3.2E
23	3.6E	6.1	3.2	3.5	13	8.2	11	6.6	2.3	2.0	1.9	3.2E
24	3.1E	4.9	3.6	3.8	14	11	6.7	8.3	1.8	1.6	2.0	3.1E
25	3.1E	6.1	3.7	3.6	15	9.3	7.8	9.3	1.5	.99	2.5E	2.9E
26	3.5E	4.5	4.7	3.9	13	6.0	7.3	11	1.7	1.6	2.1E	2.9E
27	4.0E	4.0E	5.7	4.7	76	7.8	6.0	12	1.7	1.9	2.0E	2.8E
28	4.0E	2.8E	5.2	4.5	301	8.1	7.8	11	1.6	1.6	2.5E	2.7E
29	3.6E	-----	3.7	4.1	120	8.4	13	11	1.4	1.2	2.6	2.8E
30	3.3E	-----	3.5	5.2	65	7.0	11	13	.86	1.3	3.2	3.1E
31	3.9E	-----	3.1	-----	30	-----	11	9.4	-----	1.7	-----	3.5E
TOTAL	157.7	267.2	145.8	135.0	1,114.5	481.9	850.2	287.1	97.76	40.51	70.6	94.8
MEAN	5.09	9.54	4.70	4.50	36.0	16.1	27.4	9.26	3.26	1.31	2.35	3.06
MAX	8.2	60	10	7.3	301	81	325	21	8.8	2.0	3.2	3.8
MIN	3.0	2.5	2.7	1.2	6.1	6.0	6.0	5.4	.86	.55	1.6	2.3
AC-FT	313	530	289	268	2,210	956	1,690	569	194	80	140	188
YEAR 1995	TOTAL	3,743.07	MEAN	10.3	MAX	325	MIN	.55	AC-FT	7,420		

BIG BLUE RIVER BASIN

LINCOLN CREEK near Seward, 06880000 - 1995

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 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 WSP 1730.

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994.
E indicates estimated daily discharge. Records good except for estimated records, which 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 518 cubic feet per second May 29, gage height 11.00 feet from high water mark;
minimum daily discharge 11 cubic feet per second estimated December 10 & 11.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	27E	40E	20E	31	52E	113	29	33	22	15	14E	18
2	25E	52E	17E	31	58E	167	29	63	23	15	15E	18
3	26E	143	21E	31	70E	346	28	41	23	15	16E	18
4	27E	134	23E	30	88	186	29	27	22	14	16E	18
5	26E	75	23E	30	64	99	29	25	21	15	16E	18
6	25E	57	21E	29	55	79	28	25	20	15	16E	18
7	25E	46E	19E	29	82	113	28	23	21	15	17E	17E
8	26E	28E	18E	29	242	170E	27	20	21	15	16E	15E
9	27E	32E	20E	29	135	125E	26	20	21	15	16E	12E
10	28E	24E	27E	31	114	92E	25	19	21	15	16E	11E
11	28E	22E	31E	32	100E	84E	25	18	20	15	17E	11E
12	29E	23E	36E	32	84E	76E	25	19	19	15	18E	16E
13	30E	25E	45	31	76E	70E	23	19	18	15	17	16E
14	30E	30E	44	30	64E	66E	24	21	18	15	17	18E
15	32E	25E	36	28E	58E	62E	25	22	17	15	17	20E
16	34E	29E	32	27E	62E	60E	25	26	17	15	17	21E
17	36E	34E	30	32E	58E	56E	26	25	16	15	17	22E
18	35E	35E	29	35	52E	52E	25	23	16	14	17	23E
19	34E	36	32	34	46E	49E	25	22	18	15	17	23E
20	27E	36	33	43	44E	47E	25	23	18	15	17	20E
21	27E	36	32	51	43E	46E	22	22	18	15	17	17E
22	27E	37	31	49	44E	44E	19	23	17	15E	16E	16E
23	24E	36	31	56	48E	41E	21	23	16	15E	15E	16E
24	28E	35	31	48	46	39E	20	22	16	15E	16E	15E
25	28E	34	31	42	46	38E	21	18	15	15E	17	18E
26	31E	34	33	43	45	36E	21	18	15	14E	17	17E
27	32E	33	33	46	70E	34E	26	18	15	14E	15E	16E
28	32E	30E	32	42	150E	33	25	19	15	13E	13E	15E
29	33E	-----	31	46E	481E	32	23	19	15	13E	14E	18E
30	29E	-----	31	48E	320	30	23	22	15	13E	18E	19E
31	32E	-----	31	-----	190	-----	26	21	-----	13E	-----	20E
TOTAL	900	1,201	904	1,095	3,087	2,485	773	739	549	453	487	540
MEAN	29.0	42.9	29.2	36.5	99.6	82.8	24.9	23.8	18.3	14.6	16.2	17.4
MAX	36	143	45	56	481	346	29	63	23	15	18	23
MIN	24	22	17	27	43	30	19	18	15	13	13	11
AC-FT	1,790	2,380	1,790	2,170	6,120	4,930	1,530	1,470	1,090	899	966	1,070
YEAR 1995	TOTAL	13,213	MEAN	36.2	MAX	481	MIN	11	AC-FT	26,210		

BIG BLUE RIVER BASIN

BIG BLUE RIVER at Seward, 06880500 - 1995

LOCATION.--SE1/4SW1/4 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.--1953 - present. Month discharge only for some periods, published in WSP 1730.

REMARKS.--Records published by U. S. Geological Survey up to Oct. 1, 1994.
E indicates estimated daily discharge. Records good except for estimated records, which 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, 1955.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,210 cubic feet per second May 29, gage height 9.64 feet; minimum daily discharge 29 cubic feet per second August 29, September 17-18.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	70E	108E	58E	71	171	304	91	57	42	34	30	47
2	68E	137	54E	69	165	277	90	97	51	34	36	46
3	68E	316	58E	72	197	612	89	88	52	34	40E	51
4	66E	455	56E	73	286	539	94	60	61	33	42E	51
5	68E	294	54E	70	278	255	97	53	52	35	42E	48
6	64E	190E	52E	70	222	210	97	55	45	37	44	46E
7	62E	120E	48E	69	257	239	96	47	44	39	45	42E
8	66E	118E	58E	69	818	273	90	40	43	54	42	38E
9	72E	90E	70E	71	803	396	84	37	42	49	42	32E
10	80E	78E	78E	81	580	245	65	32	38	43	40E	30E
11	84E	66E	92E	89	414	209	53	31	36	40	38E	31E
12	92E	66E	140E	92	313	190	53	33	34	38	42E	32E
13	98E	70E	159	97	252	169	51	33	33	35	41	33E
14	100E	70E	160	92	206	160	53	38	30	37	39	34E
15	110E	70E	148	78	184	152	56	42	30	34	45	40
16	120E	72E	137	73	168	146	54	51	30	34	53	43
17	125E	76E	112	69	188	136	56	49	29	33	50	57
18	124E	78E	101	75	180	127	54	45	29	33	51	51
19	125E	82E	95	91	153	123	205	45	34	34	51	49E
20	110E	89	91	143	146	117	247	46	41	34	49	48E
21	98E	87	87	160E	142	112	122	43	66	35	47	48E
22	78E	88	82	140E	140	108	73	43	58	36	47	46E
23	80E	85	79	160E	144	105	64	70	52	36	47	45E
24	78E	82	76	180E	151	104	55	65	44	35	45	43E
25	74E	80	75	175E	157	101	47	56	39	34	44	45E
26	70E	76E	78	165E	148	102	44	47	35	34	45	44E
27	74E	70E	79	165E	322	100	43	44	33	34	44E	42E
28	80E	62E	82	170E	818	101	42	37	33	34	36E	40E
29	88E	-----	80	160E	1,160	99	39	29	33	32	40E	47E
30	80E	-----	78	165E	980	94	38	32	34	30	46E	48E
31	78E	-----	74	-----	606	-----	38	35	-----	30	-----	49E
TOTAL	2,650	3,275	2,691	3,254	10,749	5,905	2,380	1,480	1,223	1,114	1,303	1,346
MEAN	85.5	117	86.8	108	347	197	76.8	47.7	40.8	35.9	43.4	43.4
MAX	125	455	160	180	1,160	612	247	97	66	54	53	57
MIN	62	62	48	69	140	94	38	29	29	30	30	30
AC-FT	5,260	6,500	5,340	6,450	21,320	11,710	4,720	2,940	2,430	2,210	2,580	2,670
YEAR 1995	TOTAL	37,370	MEAN	102	MAX	1,160	MIN	29	AC-FT	74,120		

BIG BLUE RIVER BASIN

TURKEY CREEK near Wilber, 06881200 - 1995

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.

E indicates estimated daily discharge. Records good except estimated records poor, and November 18-20 fair.

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, 1976.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,750 cubic feet per second May 8, gage height 12.75 feet; minimum daily discharge 0.80 cubic feet per second estimated October 15.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	22E	27E	20E	25	201	224	32	8.0	7.7	1.6	4.2	9.4
2	20E	32E	17E	25	218	226	30	11	7.2	1.6	5.0E	11
3	21E	37E	18E	24	294	216	29	9.8	5.5	1.6	4.4E	11
4	14E	36E	18E	23	601	125	45	9.3	3.6	1.4	4.0E	11
5	14E	32E	19E	22	351	98	47	23	2.8	2.3	5.0E	11
6	16E	33E	18E	22	256	131	38	30	3.1	3.6	5.6E	9.9
7	16E	26E	16E	22	548	114	41	54	2.2	2.4	5.0	9.0E
8	19E	20E	12E	22	1,580	96	36	111	1.6	5.7	6.6	7.0E
9	21E	19E	14E	22	1,020	81	28	61	1.3	4.9	6.1	4.2E
10	25E	16E	24E	25	640	72	25	39	1.4	3.4	5.8E	4.6E
11	24	12E	35	30	423	67	22	26	2.9	2.2	5.0E	5.2E
12	23	13E	37	36	272	62	22	17	2.6	1.8	4.3E	5.6E
13	24E	15E	39	33	244	57	20	10	2.2	2.9	5.0E	6.4E
14	23E	15E	102	29	170	53	18	161	2.7	1.3	5.6E	7.2E
15	22E	14E	128	28	119	50	17	203	2.2	.80	6.4E	8.3
16	36E	17E	75	26	283	48	17	65	1.7	1.0	6.6E	9.4
17	39E	22E	51	26	200	46	16	24	1.1	1.4	6.6E	11
18	36E	24E	41	26	237	43	16	23	1.1	1.4	6.6	12
19	30E	25	36	32	166	41	17	24	1.7	1.4	6.9E	10 E
20	21E	27	32	40E	215	39	17	13	1.3	1.3	6.6E	10 E
21	20E	28	31	50E	172	37	16	6.2	1.4	1.5	6.9E	10 E
22	20E	28	28	57E	103	37	14	7.8	1.4	1.7	8.5	9.0E
23	19E	26	26	60E	126	36	12	8.6	1.5	1.7	9.2	8.0E
24	19E	24E	25	63	173	36	10	8.5	1.4	2.3	8.3	7.6E
25	19E	23	25	59	236	35	13	7.2	1.5	2.5	8.5	7.2E
26	18E	22	31	47	185	35	12	8.0	1.6	2.9	8.4E	8.0E
27	19E	22	32	40	585	34	15	6.6	1.3	3.6	8.0E	7.2E
28	22E	20E	30	38	1,120	36	11	6.1	1.5	4.1	7.2E	6.6E
29	20E	-----	26	41	1,050	35	7.4	6.1	1.1	5.0	7.6E	7.8E
30	17E	-----	24	52	725	34	9.5	5.3	1.6	3.5	9.0	9.2E
31	22E	-----	24	-----	413	-----	7.0	7.5	-----	3.1	-----	10 E
TOTAL	681	655	1,054	1,045	12,926	2,244	659.9	1,000.0	70.2	75.90	192.9	263.8
MEAN	22.0	23.4	34.0	34.8	417	74.8	21.3	32.3	2.34	2.45	6.43	8.51
MAX	39	37	128	63	1,580	226	47	203	7.7	5.7	9.2	12
MIN	14	12	12	22	103	34	7.0	5.3	1.1	.80	4.0	4.2
AC-FT	1,350	1,300	2,090	2,070	25,640	4,450	1,310	1,980	139	151	383	523
YEAR 1995	TOTAL	20,867.70	MEAN	57.2	MAX	1,580	MIN	.80	AC-FT	41,390		

BIG BLUE RIVER BASIN

BIG BLUE RIVER at Beatrice, 06881500 - 1995

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.

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.
E indicates estimated daily discharge. Records fair, except estimated records 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 10,900 cubic feet per second May 8, gage height 17.94 feet; minimum daily discharge 140 cubic feet per second November 22.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	270E	460E	320E	391	851	4,650	451	321	210	205	170	243
2	220E	441	320E	381	1,720	3,000	440	295	247	211	183	277
3	260E	451	340E	371	1,760	2,310	422	261	251	207	194	268
4	270E	538	290E	349	4,310	2,140	754	285	260	200	195E	277
5	280E	880	280E	339	3,920	2,620	1,220	393	270	214	195E	270
6	280E	1,110	260E	335	2,480	1,870	733	794	263	224	208	279
7	260E	890	240E	324	3,490	1,440	590	587	261	225	218	275E
8	280E	634	230E	319	10,100	1,660	548	446	245	225	214	220E
9	300E	528	330E	320	9,620	1,500	507	657	239	227	215	190E
10	310E	460E	400E	370	6,970	1,420	462	693	228	223	222	210E
11	330E	350E	450E	452	4,200	1,400	425	555	214	214	220E	190E
12	341	280E	497	495	3,240	1,220	391	489	214	202	228	200E
13	350E	230E	534	485	3,940	1,050	368	390	221	197	233	210E
14	340E	250E	956	474	3,010	871	343	524	221	190	236	210E
15	430E	300E	1,310	437	2,020	778	299	2,800	222	187	236	210E
16	481	350E	1,240	413	1,590	712	247	2,230	215	185	229	230E
17	480E	330E	953	395	2,050	657	207	951	197	177	230	240E
18	460E	360E	750	404	2,250	616	201	565	193	170	225	230E
19	470E	400E	637	440E	2,440	578	380	437	210	161	217	230E
20	430E	400	562	491	1,760	569	2,620	379	200	156	218	240E
21	400E	402	506	757	1,390	546	648	337	198	155	164	230E
22	410E	402	476	931	1,190	523	563	339	201	151	140	230E
23	400E	401	451	860	1,650	505	453	290	215	154	150	240E
24	410E	397	425	829	2,180	565	696	255	230	147	155	220E
25	410E	397	419	747	1,670	517	421	238	227	147	160	240E
26	390E	388	511	690	1,370	489	396	249	222	156	215E	220E
27	440E	380E	556	669	2,970	457	341	242	213	150	210E	210E
28	470E	350E	492	691	5,770	630	319	243	206	150	200E	210E
29	500E	-----	459	619	5,870	496	290	239	206	151	180E	230E
30	410E	-----	431	602	4,480	460	258	236	204	161	210E	240E
31	440E	-----	398	-----	4,220	-----	296	223	-----	161	-----	240E
TOTAL	11,522	12,759	16,023	15,380	104,481	36,249	16,289	16,943	6,703	5,683	6,070	7,209
MEAN	372	456	517	513	3,370	1,208	525	547	223	183	202	233
MAX	500	1,110	1,310	931	10,100	4,650	2,620	2,800	270	227	236	279
MIN	220	230	230	319	851	457	201	223	193	147	140	190
AC-FT	22,850	25,310	31,780	30,510	207,200	71,900	32,310	33,610	13,300	11,270	12,040	14,300
YEAR 1995	TOTAL	255,311	MEAN	699	MAX	10,100	MIN	140	AC-FT	506,400		

LITTLE BLUE RIVER BASIN

BIG SANDY CREEK at Alexandria, 06883940 - 1995

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.
E indicates estimated daily discharge. Records good, except estimated records poor.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 21,900 cubic feet per second June 13, 1984, gage height 16.71 ft;
minimum daily discharge 14 cubic feet per second June 26-30, 1992.

EXTREMES FOR CURRENT YEAR.--Peak discharge 2,840 cubic feet per second May 27, gage height 10.03 feet; minimum daily discharge 16 cubic feet per second estimated November 11.

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1995

Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	26	35E	30E	28E	41	763	22	54	49	21	23	23
2	25E	36E	30E	28E	42	296	22	70	51	21	22E	24
3	24E	36E	31E	28E	63	168	22	66	47	21	17E	24
4	25E	35E	32E	26E	150	134	100	65	45	20	16E	25
5	24E	34E	32E	24E	88	114	66	60	40	23	20E	25
6	24E	33E	30E	24E	62	99	43	120	39	21	21	26
7	21E	35E	28E	25E	200	81	34	123	38	20	22	26
8	22E	37E	26E	27E	790	69	31	70	42	20	21	23E
9	24E	35E	28E	27E	412	90	29	56	45	20	21	17E
10	26E	36E	32E	28E	226	93	27	46	45	19	20E	18E
11	28E	35E	32E	28E	238	70	26	41	43	20	16E	20E
12	29E	34E	32E	27E	252	58	27	40	42E	19	20E	20E
13	30E	35E	31E	27E	337	49	26	44	41E	20	22	21E
14	31E	34E	30	29E	176	44	26	125	39E	20	23	22E
15	32E	33E	29E	30E	116	38	27	106	36E	20	22	24E
16	33E	32E	29E	30E	122	33	33	75	32E	20	22	24E
17	33E	33E	28E	31E	644	31	33	58	30E	20	22	22
18	32E	34E	29E	33E	1,290	29	32	45	28E	20	22	22
19	32E	33E	29E	32E	664	28	36	37	24E	20	21	22
20	31E	32E	29E	35E	214	26	181	31	21	20	21	22
21	31E	31E	30E	38E	117	26	183	28	21	21	22	23
22	31E	32E	30E	41E	91	25	79	26	21	21	23	23
23	32E	33E	29E	42E	293	25	61	28	20	21	23	22
24	32E	32E	28E	39E	256	24	66	38	20	21	24	21
25	33E	33E	31E	34E	139	55	221	39	20	21	23	20
26	34E	34E	35E	30	109	36	173	43	20	24	24	20
27	35E	32E	32E	30	1,370	29	128	44	19	23	23E	21
28	36E	30E	29E	29	1,320	27	93	46	20	23	17E	22
29	34E	-----	27E	30	631	24	62	43	20	23	22E	22
30	32E	-----	27E	31	389	23	52	39	21	22	24	23
31	34E	-----	28E	-----	526	-----	52	43	-----	22	-----	23
TOTAL	916	944	923	911	11,368	2,607	2,013	1,749	979	647	639	690
MEAN	29.5	33.7	29.8	30.4	367	86.9	64.9	56.4	32.6	20.9	21.3	22.3
MAX	36	37	35	42	1,370	763	221	125	51	24	24	26
MIN	21	30	26	24	41	23	22	26	19	19	16	17
AC-FT	1,820	1,870	1,830	1,810	22,550	5,170	3,990	3,470	1,940	1,280	1,270	1,370
YEAR 1995	TOTAL	24,386	MEAN	66.8	MAX	1,370	MIN	16	AC-FT	48,370		



REPUBLICAN RIVER BASIN

1995

WATER YEAR RECORDS

REPUBLICAN RIVER BASIN

SWANSON LAKE near Trenton, 06829000 - 1995

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.--Published by U. S. Geological Survey up to Oct. 1, 1994.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents 148,900 acre-feet August 2 & 3, 1962, elevation 2,757.42 ft.
Minimum since start of operation 19,950 acre-feet October 24, 1954, elevation 2,722.61 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents 126,200 acre-feet June 24 & 25, elevation 2,754.73 feet;
Minimum 74,390 acre-feet September 30, elevation 2,743.43 feet.

STORAGE CAPACITY TABLE.--elevation in feet, storage in acre-feet

2,730	31,690	2,750	102,600
2,735	45,210	2,755	127,700
2,740	61,590	2,760	156,100
2,745	80,700		

DAILY CONTENTS IN ACRE-FEET WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	77,860	78,500	80,920	85,030	90,140	94,500	100,300	108,900	120,600	125,200	109,600	82,700
2	77,860	78,540	81,030	85,120	90,530	94,630	100,400	109,200	121,100	125,000	108,800	81,830
3	77,860	78,540	81,110	85,200	90,570	94,770	100,600	109,900	121,600	125,100	108,000	81,070
4	78,260	78,670	81,180	85,290	90,700	94,950	100,800	110,200	122,300	125,300	107,200	80,320
5	78,260	78,750	81,260	85,330	90,830	95,080	101,000	110,600	122,700	125,300	106,400	79,560
6	78,580	78,790	81,490	85,370	90,960	95,400	101,100	111,100	123,100	125,200	105,500	78,750
7	78,460	78,870	81,520	85,460	91,140	95,490	101,400	111,500	123,300	125,100	104,700	78,180
8	78,420	78,950	81,640	85,500	91,230	95,580	101,600	112,000	123,800	124,900	103,900	77,540
9	78,380	79,030	81,670	85,670	91,450	95,850	101,700	112,300	124,200	124,400	103,200	76,930
10	78,260	79,110	81,710	85,750	91,620	96,070	102,200	112,500	124,500	123,900	102,300	76,410
11	78,220	79,190	81,830	85,920	91,710	96,300	102,300	112,700	124,800	123,300	101,300	76,050
12	78,180	79,360	81,860	86,050	91,800	96,570	102,400	113,000	125,200	122,400	100,500	75,580
13	78,180	79,360	81,940	86,220	91,840	96,750	102,700	113,500	125,400	121,400	99,660	75,260
14	78,140	79,400	82,070	86,390	91,930	96,880	103,100	113,700	125,600	120,500	98,790	74,940
15	78,100	79,440	82,210	86,650	92,020	97,020	103,100	113,900	125,900	119,700	97,970	74,790
16	78,140	79,560	82,390	86,900	92,190	97,150	103,300	114,100	126,000	118,800	97,150	74,710
17	78,300	79,720	82,480	87,070	92,410	97,380	103,800	114,500	126,100	118,200	96,250	74,670
18	78,300	79,640	82,660	87,290	92,640	97,560	104,400	114,800	126,100	117,500	95,170	74,630
19	78,300	79,640	83,060	87,410	92,810	97,790	104,600	114,800	126,200	117,300	94,370	74,550
20	78,300	80,020	83,060	87,630	92,990	97,880	105,100	115,100	126,200	116,900	93,480	74,510
21	78,340	80,050	83,200	87,840	93,170	98,060	105,400	115,500	126,100	116,800	92,590	74,630
22	78,380	80,240	83,420	88,060	93,390	98,340	105,700	115,900	126,000	116,600	91,710	74,630
23	78,380	80,320	83,600	88,230	93,520	98,340	106,100	116,500	126,100	116,100	90,790	74,550
24	78,340	80,350	83,780	88,320	93,700	98,380	106,400	116,800	126,200	115,500	89,830	74,550
25	78,340	80,390	84,010	88,450	93,880	98,470	106,600	117,000	126,200	115,000	88,960	74,470
26	78,340	80,500	84,190	88,660	94,010	99,160	107,100	117,500	126,100	114,300	88,060	74,430
27	78,380	80,810	84,420	89,050	94,140	99,250	107,300	118,300	126,000	113,600	87,160	74,390
28	78,420	80,770	84,550	89,310	94,320	99,340	107,600	118,500	125,700	112,900	86,220	74,390
29	78,420	80,810	84,690	89,530	-----	99,530	107,800	119,100	125,500	112,100	85,370	74,430
30	78,420	80,840	84,820	89,740	-----	99,800	108,500	119,700	125,300	111,300	84,510	74,390
31	78,460	-----	84,950	89,920	-----	100,000	-----	120,200	-----	110,400	83,600	-----
MAX	78,580	80,840	84,950	89,920	94,320	100,000	108,500	120,200	126,200	125,300	109,600	82,700
MIN	77,860	78,500	80,920	85,030	90,140	94,500	100,300	108,900	120,600	110,400	83,600	74,390
CHANGE	570	2,380	4,110	4,970	4,400	5,680	8,500	11,700	5,100	-14,900	-26,800	-9,210

CAL YEAR 1994	MEAN	103,546	MAX	133,300	MIN	77,860
WTR YEAR 1995	MEAN	96,061	MAX	126,200	MIN	74,390

REPUBLICAN RIVER BASIN

FRENCHMAN CREEK near Imperial, 06831500 - 1995

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. Gage datum is approximately 3130 feet above National Geodetic Vertical Datum of 1929, 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.
E indicates estimated daily discharge. Estimated daily discharges February 27 to March 7 and March 27-31 due to backwater from ice.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 2,340 cubic feet per second March 22, 1960, gage height 8.43 ft.; minimum daily discharge 4.8 cubic feet per second March 12, 1977 during backwater from ice.

EXTREMES FOR CURRENT YEAR.--Peak discharge 519 cubic feet per second July 15, gage height 3.81 ft.; minimum daily discharge 13 cubic feet per second August 31, September 1, September 15-18.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17	19	21	23	27	20E	31	32	37	26	22	13
2	17	18	21	25	26	21E	32	29	32	25	22	14
3	16	17	21	26	24	22E	31	31	33	26	21	14
4	21	18	21	25	23	21E	29	31	36	27	20	14
5	20	19	21	23	23	20E	28	31	41	27	20	14
6	21	18	21	23	23	22E	27	30	35	25	20	16
7	21	17	20	23	23	24E	27	31	31	25	20	15
8	18	17	25	25	23	27	27	30	33	25	20	14
9	17	17	23	26	24	29	26	30	33	28	20	14
10	17	17	23	25	23	29	29	28	34	25	19	14
11	17	16	24	24	22	29	32	27	32	29	18	15
12	17	16	26	23	22	28	32	28	32	25	18	14
13	17	16	26	23	25	28	33	39	31	20	18	14
14	17	16	26	23	24	26	31	33	30	21	18	14
15	19	16	27	23	25	25	30	30	29	221	18	13
16	27	19	27	23	26	26	29	29	28	153	17	13
17	26	21	27	23	26	25	31	28	26	64	17	13
18	22	22	27	23	25	26	40	27	27	68	16	13
19	21E	21	27	24	24	26	38	27	29	53	16	14
20	20E	22	28	22	23	27	44	30	26	49	16	15
21	19E	22	27	22	24	26	40	29	26	49	16	17
22	18E	22	26	23	24	25	36	29	24	37	16	17
23	18E	22	26	23	24	24	33	29	25	35	15	16
24	19E	22	26	23	24	23	31	30	26	33	15	16
25	20E	22	25	24	23	25	29	30	26	32	15	16
26	20E	22	25	25	22	16	29	30	25	30	15	16
27	21E	22	25	25	21E	20E	27	35	24	27	14	16
28	21E	20	25	25	20E	19E	26	51	25	26	14	16
29	21	20	25	24	-----	20E	26	56	25	25	14	16
30	19	21	25	24	-----	24E	27	53	26	23	14	16
31	19	-----	27	26	-----	28E	-----	45	-----	22	13	-----
TOTAL	603	577	764	739	663	751	931	1,018	887	1,301	537	442
MEAN	19.5	19.2	24.6	23.8	23.7	24.2	31.0	32.8	29.6	42.0	17.3	14.7
MAX	27	22	28	26	27	29	44	56	41	221	22	17
MIN	16	16	20	22	20	16	26	27	24	20	13	13
AC-FT	1,200	1,140	1,520	1,470	1,320	1,490	1,850	2,020	1,760	2,580	1,070	877
CAL YEAR 1994 TOTAL		8,543	MEAN	23.4	MAX	51	MIN	12	AC-FT	16,950		
WTR YEAR 1995 TOTAL		9,213	MEAN	25.2	MAX	221	MIN	13	AC-FT	18,270		

REPUBLICAN RIVER BASIN

STINKING WATER CREEK near Palisade, 06835000 - 1995

LOCATION.--SW1/4NW1/4 Sec. 30-5-33 W., Hayes County, Lat. 40°22'10", Long. 101°06'50", 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.

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 4.9 cubic feet per second August 23, 1987.

EXTREMES FOR CURRENT YEAR.--Peak discharge 167 cubic feet per second June 25, gage height 5.68 feet; minimum daily discharge 11 cubic feet per second August 26, 31, September 1, 2, 5.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15	21	24	22E	28	27	34	32	40	30	16	11
2	15	22	25	24E	28	20E	38	35	40	30	17	11
3	15	21	26	22E	30	22E	36	38	40	29	17	12
4	16	22	26	22E	30	21E	36	35	38	29	17	12
5	17	22	25	21E	30	21E	35	35	38	32	16	11
6	22	23	25	21E	29	20E	33	34	40	29	16	26
7	23	24	25E	22E	29	19E	31	34	39	28	16	45
8	26	24	23E	24	28	24E	30	35	39	26	15	24
9	22	23	23E	28	28	28	30	35	43	24	15	28
10	19	23	23E	25	27	29	30	33	42	23	15	27
11	18	22	22E	24	25E	30	30	32	40	23	14	19
12	18	23	22E	26	20E	30	31	31	38	23	14	17
13	18	23	22E	25	23E	29	33	31	35	22	14	16
14	18	23	23E	25	22E	29	35	37	33	21	13	15
15	19	22	24E	26	25E	29	36	34	31	21	14	15
16	20	22	24	27	27	28	34	32	29	22	14	15
17	22	23	24	27	27	28	33	31	28	25	14	15
18	25	23	24	26	28	29	35	30	28	23	14	15
19	25	23	25	26	29	29	39	29	27	22	12	15
20	25	23	25	25	30	29	42	29	26	21	12	16
21	24	25	25	24E	30	28	42	29	25	21	12	17
22	23	25	25	23E	30	27	42	30	24	21	12	19
23	22	25	25	22E	30	27	39	30	27	22	12	20
24	22	25	24	23E	29	26	37	30	46	23	12	19
25	21	25	24	24	29	27	35	31	137	22	12	18
26	21	25	24	25	29	28	34	32	85	21	11	18
27	21	25	25	26	28	29	32	35	46	21	12	18
28	21	25	24	27	28	27	31	38	37	20	12	18
29	21	25	24	29	-----	31	30	41	33	19	12	18
30	21	24	25	29	-----	36	31	43	31	18	12	19
31	21	-----	25	28	-----	34	-----	41	-----	17	11	-----
TOTAL	636	701	750	768	776	841	1,034	1,042	1,205	728	425	549
MEAN	20.5	23.4	24.2	24.8	27.7	27.1	34.5	33.6	40.2	23.5	13.7	18.3
MAX	26	25	26	29	30	36	42	43	137	32	17	45
MIN	15	21	22	21	20	19	30	29	24	17	11	11
AC-FT	1,260	1,390	1,490	1,520	1,540	1,670	2,050	2,070	2,390	1,440	843	1,090
CAL YEAR 1994	TOTAL	9,271	MEAN	25.4	MAX	72	MIN	13	AC-FT	18,390		
WTR YEAR 1995	TOTAL	9,455	MEAN	25.9	MAX	137	MIN	11	AC-FT	18,750		

REPUBLICAN RIVER BASIN

RED WILLOW CREEK above Hugh Butler Lake, 06837300 - 1995

LOCATION.--NE1/4SE1/4 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.
 E indicates estimated daily discharge. Estimated daily discharge January 1-30, February 13-16, March 2-10, November 20, December 7-12, 18-31 due to backwater from ice. Records good except for periods of estimated record, which 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 3.1 cubic feet per second July 12, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharge 87 cubic feet per second June 24, gage height 4.54 feet; minimum daily discharge cubic feet per second July 6.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	18	21	22E	25	26	36	32	44	20	12	7.2
2	12	18	21	22E	28	25E	32	37	39	19	12	7.4
3	11	17	21	21E	32	24E	30	44	36	19	12	7.8
4	12	18	21	21E	33	24E	28	50	36	21	19	7.7
5	13	19	22	21E	34	23E	27	48	35	21	14	7.2
6	15	19	20E	22E	32	22E	24	47	36	23	12	11
7	18	20	19E	22E	30	21E	23	48	38	27	11	12
8	20	21	19E	23E	29	21E	22	45	41	27	10	10
9	20	22	20E	23E	27	24E	22	41	37	23	10	10
10	19	21	20E	24E	25	27E	23	39	35	21	10	9.7
11	18	21	20E	24E	25	30	24	34	34	20	10	10
12	17	21	20E	25E	23	33	25	32	31	19	10	10
13	16	21	21E	26E	22E	35	27	32	28	17	10	10
14	16	21	21E	26E	22E	34	31	33	25	16	10	10
15	17	20	21E	25E	23E	30	36	30	23	18	10	9.5
16	19	20	22E	25E	24E	27	36	29	21	28	9.8	9.2
17	21	20	22E	24E	25	26	30	28	20	28	9.5	9.2
18	25	20	22E	23E	24	26	34	26	18	29	8.3	9.2
19	26	20	22E	23E	25	27	44	24	17	22	9.1	12
20	25	21	22	22E	27	27	50	23	16	22	9.0	11
21	23	23	23	22E	29	28	59	23	16	24	8.5	13
22	22	24	24	22E	32	27	60	24	15	22	8.2	13
23	20	25	24	22E	32	25	52	27	15	19	8.5	14
24	19	25	24	23E	30	23	43	28	45	17	8.4	13
25	19	23	23	21E	29	23	36	28	31	16	7.3	13
26	19	23	23	21E	28	24	33	34	36	16	8.4	12
27	19	23	24	21E	28	26	32	40	35	15	8.4	12
28	18	24	24	22E	27	29	29	55	28	14	7.9	12
29	18	23	23	23E	-----	31	28	61	23	13	7.9	12
30	18	23	22	25E	-----	36	28	64	21	12	7.3	26
31	18	-----	22	26	-----	39	-----	56	-----	12	7.7	-----
TOTAL	564	634	673	712	770	843	1,004	1,162	875	620	306.2	330.1
MEAN	18.2	21.1	21.7	23.0	27.5	27.2	33.5	37.5	29.2	20.0	9.88	11.0
MAX	26	25	24	26	34	39	60	64	45	29	19	26
MIN	11	17	19	21	22	21	22	23	15	12	7.3	7.2
AC-FT	1,120	1,260	1,330	1,410	1,530	1,670	1,990	2,300	1,740	1,230	607	655
CAL YEAR 1994 TOTAL		8,374.80	MEAN	22.9	MAX	214	MIN	8.7	AC-FT	16,610		
WTR YEAR 1995 TOTAL		8,493.30	MEAN	23.3	MAX	64	MIN	7.2	AC-FT	16,850		

REPUBLICAN RIVER BASIN

HUGH BUTLER LAKE near McCook, 06837390 - 1995

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 1951 - present

REMARKS.--Published by U. S. Geological Survey up to October 1, 1994.
E indicates estimated daily contents.

COOPERATION.--Reservoir capacity table furnished by U. S. Bureau of Reclamation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents 41,680 acre-feet July 15 & 16, 1967, elevation 2,584.14 ft.
Minimum since start of operation 16,930 acre-feet September 8, 1978 elevation 2565.31 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents 39,820 acre-feet June 15 & 16, elevation 2583.04 feet;
Minimum contents 29,660 acre-feet September 21 & 22, elevation 2576.39 feet.

STORAGE CAPACITY TABLE.--elevation in feet, storage in acre-feet

2,565	16,630	2,575	27,800
2,570	21,800	2,580	34,910

DAILY CONTENTS IN ACRE-FEET WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	30,850	31,340	32,020	32,820	33,990	34,630	35,630	37,370	39,270	38,960	35,050	30,940
2	30,850	31,370	32,050	32,830	34,030	34,630	35,680	37,400	39,360	38,890	34,940	30,850
3	30,840	31,350	32,070	32,860E	34,050	34,680	35,690	37,560	39,370	38,930	34,810	30,740
4	30,840	31,380	32,100	32,910E	34,070	34,690	35,710	37,680	39,440	38,930	34,770	30,640
5	30,850	31,410	32,100	32,970E	34,130	34,710	35,710	37,740	39,510	38,890	34,680	30,530
6	31,000	31,420	32,140	33,020E	34,140	34,770	35,770	37,870	39,560	38,890	34,600	30,460
7	30,940	31,450	32,140	33,080	34,160	34,750	35,910	38,020	39,540	38,910	34,490	30,280
8	30,940	31,460	32,180	33,140	34,170	34,770	35,990	38,120	39,570	38,880	34,360	30,170
9	30,920	31,460	32,210	33,200	34,220	34,850	35,990	38,130	39,590	38,810	34,170	30,090
10	30,940	31,480	32,200	33,230	34,220	34,940	36,150	38,120	39,610	38,690	34,000	30,030
11	30,940	31,510	32,180	33,290	34,200	34,970	36,170	38,180	39,640	38,510	33,850	29,990
12	30,950	31,540	32,200	33,320	34,190	35,050	36,180	38,230	39,690	38,280	33,710	29,920
13	30,950	31,590	32,210	33,350	34,190	35,060	36,290	38,230	39,740	38,030	33,560	29,860
14	30,950	31,580	32,270	33,400	34,270	35,100	36,210	38,250	39,810	37,840	33,320	29,770
15	31,000	31,580	32,300	33,440	34,230	35,130	36,230	38,330	39,820	37,610	33,200	29,790
16	31,080	31,610	32,350	33,500	34,300	35,160	36,260	38,350	39,810	37,450	33,100	29,760
17	31,190	31,630	32,360	33,500	34,360	35,240	36,530	38,300	39,760	37,270	32,970	29,730
18	31,180	31,620	32,390	33,530	34,370	35,270	36,500	38,310	39,670	37,180	32,880	29,760
19	31,190	31,630	32,480	33,560	34,390	35,300	36,640	38,360	39,560	37,050	32,720	29,690
20	31,220	31,750	32,490	33,610	34,400	35,320	36,800	38,360	39,490	36,900	32,570	29,680
21	31,270	31,730	32,490	33,610	34,450	35,350	36,900	38,400	39,420	36,800	32,430	29,660
22	31,270	31,760	32,520	33,620	34,490	35,380	37,000	38,430	39,310	36,680	32,290	29,660
23	31,280	31,790	32,540	33,650	34,520	35,380	37,080	38,430	39,270	36,550	32,130	29,720
24	31,270	31,790	32,580	33,680	34,550	35,380	37,160	38,480	39,310	36,390	31,990	29,720
25	31,270	31,820	32,670	33,710	34,600	35,430	37,240	38,510	39,270	36,260	31,830	29,730
26	31,270	31,880	32,690	33,760	34,620	35,540	37,260	38,680	39,240	36,120	31,730	29,760
27	31,290	31,950	32,720	33,840	34,650	35,470	37,130	38,840	39,260	35,930	31,620	29,790
28	31,350	31,960	32,730	33,850	34,630	35,490	37,230	38,880	39,190	35,770	31,460	29,810
29	31,340	31,980	32,740	33,880	-----	35,500	37,210	38,990	39,110	35,600	31,370	29,860
30	31,340	32,010	32,800	33,910	-----	35,540	37,340	39,090	39,040	35,460	31,220	29,920
31	31,340	-----	32,830	33,990	-----	35,600	-----	39,190	-----	35,210	31,070	-----
MAX	31,350	32,010	32,830	33,990	34,650	35,600	37,340	39,190	39,820	38,960	35,050	30,940
MIN	30,840	31,340	32,020	32,820	33,990	34,630	35,630	37,370	39,040	35,210	31,070	29,660
CHANGE	490	670	820	1,160	640	970	1,740	1,850	-150	-3,830	-4,140	-1,150
CAL YEAR 1994			MEAN	35,226	MAX	39,680	MIN	30,770				
WTR YEAR 1995			MEAN	34,399	MAX	39,820	MIN	29,660				

REPUBLICAN RIVER BASIN

MEDICINE CREEK above Harry Strunk Lake, 06841000 - 1995

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.
E indicates estimated daily discharge.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 11,600 cubic feet per second June 21, 1967, gage height 20.05 feet; minimum daily discharge 9.1 cubic feet per second August 9, 1980.

EXTREMES FOR CURRENT YEAR.--Peak discharge 158 cubic feet per second June 25, gage height 6.05 feet; minimum daily discharge 14 cubic feet per second August 31, September 1 & 2.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	36	46	51	55E	56	54	57	64	71	49	22E	14
2	36	46	51	55E	57	53	57	77	71	49	23E	14
3	37	46	51	52E	59	54	56	77	66	50	23	15
4	38	47	51	50E	61	53	54	85	67	50	24	15
5	39	47	50	48E	56	53	55	88	66	49	27	15
6	43	48	50	48E	56	52E	54	73	66	48	26	19
7	45	49	50E	50E	54	53E	54	82	64	46	24	18
8	47	49	50E	52E	55	52E	54	86	64	43	22	19
9	45	48	50E	55E	53	54E	53	73	66	42	23	20
10	44	47	50E	57E	50	57E	53	66	68	40	22	20
11	43	48	50E	58E	50	59	54	62	63	38E	23	22
12	43	48	50E	59E	49	62	57	60	60	36E	23	22
13	42	49	50E	59E	47	62	60	58	58	35E	21	23
14	43	48	52E	58E	47E	62	65	60	56	33E	21	23
15	44	48	54E	58E	47E	60	63	59	54	32E	22	22
16	45	47	54E	56	50	59	61	57	52	36E	22	22
17	50	48	54E	55	54	57	59	56	49	34E	19	23
18	52	48	54E	55	52	58	66	54	47	31E	22	24
19	56	47	55E	54	54	60	80	53	46	29E	23	32
20	53	49	55	55	56	60	83	53	45	28E	21	49
21	50	50	56	54	57	59	79	53	43	27E	19	55
22	48	52	56	54	60	58	78	54	42	26E	18	42
23	47	51	56	54	60	56	70	57	42	26E	19	40
24	47	50	55	55	59	54	66	59	80	25E	18	38
25	46	50	56	52	58	54	63	59	115	25E	19	37
26	46	50	56	51	58	54	61	63	68	29E	20	36
27	45	52	56	54	57	55	60	77	62	36E	21	35
28	47	52	56	57	55	58	60	92	57	28E	20	35
29	46	53	55	61	-----	61	59	98	51	25E	19	36
30	46	51	55	58	-----	59	59	83	50	24E	16	52
31	46	-----	55	57	-----	58	-----	76	-----	23E	14	-----
TOTAL	1,395	1,464	1,644	1,696	1,527	1,760	1,850	2,114	1,809	1,092	656	837
MEAN	45.0	48.8	53.0	54.7	54.5	56.8	61.7	68.2	60.3	35.2	21.2	27.9
MAX	56	53	56	61	61	62	83	98	115	50	27	55
MIN	36	46	50	48	47	52	53	53	42	23	14	14
AC-FT	2,770	2,900	3,260	3,360	3,030	3,490	3,670	4,190	3,590	2,170	1,300	1,660
CAL YEAR 1994 TOTAL		19,479	MEAN	53.4	MAX	244	MIN	27	AC-FT	38,640		
WTR YEAR 1995 TOTAL		17,844	MEAN	48.9	MAX	115	MIN	14	AC-FT	35,390		

REPUBLICAN RIVER BASIN

HARRY STRUNK LAKE near Cambridge, 06842000 - 1995

LOCATION.--NE1/4 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.--Published by U. S. Geological Survey up to October 1, 1994.
E indicates estimated daily contents.

COOPERATION.--Reservoir capacity table furnished by U. S. Bureau of Reclamation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents 55,750 acre-feet March 23, 1960 elevation 2,374.10 ft.
Minimum since start of operation 7,840 acre-feet September 7, 1978 elevation 2,340.39 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents 39,880 acre-feet May 27, elevation 2,368.27 feet;
Minimum contents 13,010 acre-feet September 10, elevation 2,348.29 feet.

STORAGE CAPACITY TABLE.--elevation in feet, storage in acre-feet

2,345	10,320	2,360	25,910
2,350	14,500	2,365	33,730
2,355	19,630	2,370	43,470

DAILY CONTENTS IN ACRE-FEET WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20,050	22,570	25,260	28,370	31,540	34,220	34,990	37,580	39,360	38,400	27,010	14,280
2	20,120	22,640	25,340	28,430	31,660	34,310	35,070	37,700	39,340	38,340	26,510	14,100
3	20,140	22,700	25,430	28,530	31,740	34,400	35,070	37,970	39,260	38,470	26,170	13,900
4	20,210	22,790	25,520	28,590	31,860	34,510	35,050	38,120	39,340	38,490	25,900	13,650
5	20,320	22,880	25,570	28,700	31,940	34,580	35,160	38,280	39,360	38,450	25,650	13,400
6	20,470	22,970	25,710	28,780	32,040	34,780	35,160	38,530	39,360	38,490	25,380	13,250
7	20,480	23,080	25,750	28,870	32,110	34,810	35,210	38,770	39,260	38,510	24,960	13,060
8	20,550	23,170	25,860	28,930	32,210	34,890	35,140	39,000	39,140	38,470	24,410	13,030
9	20,620	23,210	25,930	29,040	32,330	35,010	35,140	39,100	39,140	38,400	23,750	13,010
10	20,700	23,300	25,980	29,150	32,420	35,160	35,190	39,140	39,100	38,030	23,130	13,010
11	20,760	23,390	26,080	29,250	32,480	35,280	35,180	39,300	39,120	37,530	22,570	13,040
12	20,840	23,450	26,150	29,350	32,540	35,410	35,210	39,400	39,160	36,900	22,020	13,040
13	20,900	23,600	26,220	29,470	32,620	35,390	35,270	39,520	39,220	36,340	21,470	13,050
14	20,970	23,630	26,340	29,580	32,790	35,320	35,300	39,580	39,300	35,720	20,870	13,040
15	21,070	23,710	26,450	29,710	32,790	35,270	35,340	39,680	39,280	35,190	20,410	13,080
16	21,240	23,790	26,550	29,850	32,910	35,210	35,430	39,660	39,260	34,620	20,060	13,120
17	21,350	23,890	26,650	29,940	33,100	35,180	35,690	39,520	39,200	34,060	19,700	13,130
18	21,440	23,970	26,750	30,050	33,190	35,120	35,850	39,520	39,140	33,680	19,400	13,240
19	21,550	24,060	26,860	30,130	33,290	35,050	35,980	39,580	39,140	33,210E	19,060	13,220
20	21,640	24,270	26,980	30,240	33,430	35,010	36,190	39,500	39,180	32,760E	18,810	13,310
21	21,750	24,330	27,210	30,340	33,550	34,990	36,320	39,520	39,040	32,300E	18,540	13,450
22	21,820	24,420	27,290	30,440	33,660	34,980	36,450	39,540	38,810	31,840E	18,170	13,540
23	21,890	24,520	27,390	30,530	33,730	34,920	36,600	39,580	38,650	31,410E	17,810	13,650
24	21,920	24,620	27,510	30,630	33,850	34,890	36,710	39,560	38,530	30,970E	17,390	13,710
25	21,980	24,660	27,630	30,730	33,990	34,900	36,880	39,560	38,650	30,550E	17,000	13,810
26	22,090	24,740	27,730	30,860	34,050	34,920	36,940	39,680	38,670	30,120E	16,620	13,880
27	22,170	24,840	27,830	30,990	34,100E	34,890	37,030	39,800	38,730	29,710E	16,280	13,950
28	22,320	24,940	27,920	31,070	34,150E	34,890	37,160	39,660	38,710	29,320	15,900	14,010
29	22,320	25,020	27,980	31,180	-----	34,890	37,260	39,580	38,570	28,720	15,490	14,170
30	22,390	25,140	28,140	31,310	-----	34,920	37,430	39,500	38,490	28,130	15,040	14,190
31	22,450	-----	28,250	31,450	-----	34,960	-----	39,440	-----	27,410	14,610	-----
MAX	22,450	25,140	28,250	31,450	34,150	35,410	37,430	39,800	39,360	38,510	27,010	14,280
MIN	20,050	22,570	25,260	28,370	31,540	34,220	34,990	37,580	38,490	27,410	14,610	13,010
CHANGE	2,390	2,690	3,110	3,200	2,700	810	2,470	2,010	-950	-11,080	-12,800	-420
CAL YEAR 1994			MEAN	30,320	MAX	39,660	MIN	18,510				
WTR YEAR 1995			MEAN	29,308	MAX	39,800	MIN	13,010				

REPUBLICAN RIVER BASIN

MEDICINE CREEK below Harry Strunk Lake, 06842500 - 1995

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.
E indicates estimated daily discharge. Records good, except estimated records 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 320 cubic feet per second estimated August 10, from high water mark at gage height 2.78 feet; minimum daily discharge 0.16 cubic feet per second September 29.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.24	.26	.34	.58	.53	1.3	41	.97	121	65	270	174 E
2	.24	.24	.35	.55	.50	1.2	41	.80	90	64	240	123
3	.81	.22	.31	.61	.50	1.1	41	1.1	78	63	206	116
4	.76	.21	.35	.58	.47	1.1	41	1.0	81	64	172	145
5	.73	.20	.35E	.61	.47	1.2	41	1.1	81	65	157	181
6	.23	.17	.41E	.59	.51	1.8	41	2.1	81	64	165	135
7	.25	.18	.41E	.56	.53	1.4	41	4.9	81	63	224E	73
8	.27	.23	.41E	.57	.53	1.3	41	4.9	83	63	289E	40
9	.30	.27	.41E	.59	.53	1.3	42	9.3	82	90	318E	27
10	.27	.27	.47E	.54	.55	1.7	42	2.1	74	199	320E	26
11	.26	.29	.47E	.55	.60	1.5	42	1.5	64	286	302E	27
12	.27	.26	.47E	.59	.57	1.7	41	1.4	48	317	288E	26
13	.27	.26	.47E	.58	.53	57	40	3.9	48	305	287E	26
14	.27	.25	.53	.59	.58	90	40	10	48	293	287E	26
15	.29	.26	.56	.58	.60	92	29	20	48	291	260E	2.4
16	.26	.24	.58	.48	.60	90	.77	28	48	294	223	.34
17	.30	.27	.57	.54	.54	86	.81	29	47	267	202	.27
18	.27	.27	.53	.55	.47	88	.79	30	46	229	171	.26
19	.22	.29	.55	.73	.47	86	.61	30	24	215	157	.24
20	.21	.43	.55	.68	.59	87	.71	31	14	202	155	.25
21	.21	.29	.52	.53	.71	71	.70	31	99	176	158E	.27
22	.21	.27	.51	.53	.80	62	.70	31	117	165	198E	.26
23	.18	.27	.52	.53	.80	61	.70	31	77	164	198E	.24
24	.16	.27	.51	.52	.84	60	.70	30	61	209	218E	.23
25	.16	.27	.45	.50	.87	61	.75	30	59	275	211E	.21
26	.19	.30	.42	.48	.87	61	.82	72	50	298	205E	.21
27	.23	.36	.44	.53	1.0	61	.70	115	42	314	203E	.18
28	.25	.29	.47	.50	1.1	49	.70	133	64	299	197E	.17
29	.23	.30	.47	.54	-----	42	.70	128	66	288	229E	.16
30	.23	.30	.51	.53	-----	42	1.2	124	66	288	235E	.21
31	.24	-----	.54	.53	-----	42	-----	122	-----	288	216E	-----
TOTAL	9.01	7.99	14.45	17.37	17.66	1,304.6	615.36	1,060.07	1,988	6,263	6,961	1,150.90
MEAN	.29	.27	.47	.56	.63	42.1	20.5	34.2	66.3	202	225	38.4
MAX	.81	.43	.58	.73	1.1	92	42	133	121	317	320	181
MIN	.16	.17	.31	.48	.47	1.1	.61	.80	14	63	155	.16
AC-FT	18	16	29	34	35	2,590	1,220	2,100	3,940	12,420	13,810	2,280
CAL YEAR 1994 TOTAL	21,373.58		MEAN	58.6	MAX	316	MIN	.11	AC-FT	42,390		
WTR YEAR 1995 TOTAL	19,409.41		MEAN	53.2	MAX	320	MIN	.16	AC-FT	38,500		

REPUBLICAN RIVER BASIN

TURKEY CREEK at Edison, 06844210 - 1995

LOCATION.--NE1/4SW1/4 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.
E indicates estimated daily discharge.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 1,040 cubic feet per second July 27, 1993, gage height 14.28 feet; minimum daily discharge 0.01 cubic feet per second September 6, 1991.

EXTREMES FOR CURRENT YEAR.--Peak discharge 88 cubic feet per second May 27, gage height 5.41 feet; minimum daily discharge 4.0 cubic feet per second August 30.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.5	11	16	12	12	9.8E	14	19	19	19 E	10	5.3
2	6.8	11	14	11 E	13	9.0E	14	17	17	18 E	11	5.2
3	8.3	11	12	9.5E	13	10 E	14	18	17	17 E	7.6	5.3
4	8.4	11	11	8.2E	13	9.0E	13	18	19	19 E	7.7	4.7
5	9.6	11	12	7.2	13	8.0E	13	17	38	30 E	6.5	5.4
6	9.1	11	9.7	7.3E	13	10 E	14	17	27	17 E	6.3	8.2
7	9.2	11	8.5E	7.4E	13	12	13	19	19	16 E	6.7	6.3
8	9.3	11	7.0E	8.7E	13	13	14	21	19	15	6.7	5.8
9	9.2	11	7.0E	10	12 E	15	14	19	19	15	6.8	6.3
10	9.0	11	7.0E	35	10 E	19	14	17	20	14	7.1	5.7
11	9.3	10	7.0E	25	8.5E	17	14	16	19	14	7.2	5.0
12	9.7	11	7.0E	22	7.0E	14	14	16	17	14	7.7	4.7
13	9.8	11	7.0E	20	8.8E	14	14	17	16	15	8.0	4.5
14	9.9	11	7.0E	19	11 E	13	14	17	16	15	7.5	4.3
15	10	11	7.5E	17	12 E	13	14	15	17	15	7.1	4.2
16	12	11	8.0E	16	14	13	14	15	16	14	6.7	4.1
17	15	11	9.4E	15	15	13	14	15	16	16	6.0	4.3
18	13	11	12 E	14	17	13	17	15	16	14	5.9	4.5
19	13	11	14 E	13	15	13	17	15	16	13	9.3	4.9
20	10	13	14 E	13	12	14	15	16	17	13	8.7	5.3
21	10	17	14 E	13	12	14	15	16	16	11	6.2	6.0
22	10	15	13	13	12	13	15	16	16	10	5.0	6.2
23	10	12	12	11	12	13	14	26	18	8.4	4.6	5.6
24	10	12	12	13	12	13	14	21	21	8.5	5.3	5.8
25	11	12	12	15	12	18	14	16	18	8.6	6.4	6.1
26	12	12	12	15	12	21	15	17	17	8.2	7.7	6.2
27	12	13	12	15	11 E	17	15	58	16	8.7	6.2	5.8
28	12	14	12	15	11 E	14	14	47	17	9.0	5.4	5.7
29	12	11	12	13	-----	14	15	23	17	8.6	4.6	5.8
30	12	14	13	12	-----	14	16	19	18E	8.7	4.3	5.4
31	11	-----	13	12	-----	14	-----	19	-----	9.9	4.0	-----
TOTAL	319.1	353	334.1	437.3	339.3	416.8	431	617	554	422.6	210.2	162.6
MEAN	10.3	11.8	10.8	14.1	12.1	13.4	14.4	19.9	18.5	13.6	6.78	5.42
MAX	15	17	16	35	17	21	17	58	38	30	11	8.2
MIN	6.5	10	7.0	7.2	7.0	8.0	13	15	16	8.2	4.0	4.1
AC-FT	633	700	663	867	673	827	855	1,220	1,100	838	417	323
CAL YEAR 1994	TOTAL	4,668.2	MEAN	12.8	MAX	127	MIN	3.2	AC-FT	9,260		
WTR YEAR 1995	TOTAL	4,597.0	MEAN	12.6	MAX	58	MIN	4.0	AC-FT	9,120		

REPUBLICAN RIVER BASIN

BEAVER CREEK near Beaver City, 06847000 - 1995

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.
E indicates estimated daily discharges. Records fair, except estimated records 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 58 cubic feet per second May 28, gage height 4.65 feet; minimum daily discharge 0.20 cubic feet per second September 17 & 18.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.10	.97	1.1	.95	1.0	1.3	2.1	3.5	18	4.0	.64	.28
2	.20	1.0	1.1	.90	1.1	1.3	2.1	3.4	17	4.0	.62	.30
3	.20	1.0	1.1	.91	1.2	1.3	2.1	4.4	16	3.8	.61	.29
4	.23	1.1	1.1	1.3	1.1	1.5	2.0	5.2	16	4.4	.67	.28
5	.31	.96	1.0	1.3	1.1	1.4	2.1	4.7	15	4.7	.67	.27
6	.25	1.0	1.0	1.3	1.2	1.4	2.0	4.6	16	4.5	.59	.39
7	.19	1.0	1.0	1.5	1.2	1.5	2.0	5.5	36	3.6	.55	.26
8	.21	.95	1.1	1.2	1.3	1.5	2.1	7.6	23	3.6	.51	.26
9	.21	.95	1.1	1.2	1.3	1.5	2.0	8.9	19	4.1	.37	.27
10	.22	1.1	1.0	1.1	1.3	1.6	2.2	8.6	17	3.7	.36	.30
11	.24	1.3	1.0	1.1	1.3	1.7	2.1	7.2	18	3.3	.32	.32
12	.26	1.3	.97	1.0	1.2	1.6	2.0	6.4	16	3.1	.29	.31
13	.27	1.1	.91	1.0	1.3	1.6	1.9	7.8	14	2.8	.32	.28
14	.30	.84	.97	1.0	1.3	1.7	1.8	8.8	13	2.2	.33	.26
15	.33	.77	1.0	.95	1.4	1.8	1.8	8.1	12	1.8	.41	.25
16	.46	.82	1.0	1.0	1.4	1.8	1.7	6.9	12	1.6	.40	.22
17	.65	.73	1.1	1.0	1.5	1.9	1.6	6.0	11	1.6	.38	.20
18	.54	.73	1.1	.92	1.4	1.8	2.0	5.5	10	1.7	.33	.20
19	.45	.70	1.1	.87	1.4	1.7	1.8	5.3	9.2	1.6	.36	.24
20	.43	.89	1.1	.84	1.4	1.6	1.9	5.2	8.8	1.6	.41	.25
21	.47	2.3	1.0	.90	1.4	1.5	2.6	4.9	8.3	1.4	.39	.38
22	.51	1.6	.97	.89	1.4	1.6	3.7	5.0	7.3	1.3	.37	.30
23	.53	.92	.97	.86	1.5	1.6	2.6	8.5	6.8	1.1	.30	.30
24	.55	.90	1.0	.84	1.6	1.6	2.3	12	6.5	1.1	.27	.28
25	.59	.89	1.0	.81	1.5	2.0	2.2	13	6.2	1.3	.28	.30
26	.67	.94	1.0	.82	1.5	2.6	2.4	11	5.7	1.1	.27	.30
27	.67	1.2	1.0	.95	1.4	2.5	2.4	37	5.4	.98	.32	.27
28	.68	1.2	.97	.99	1.3	2.5	2.3	50	5.4	.84	.31	.27
29	.72	1.0	.94	.95	-----	2.5	2.3	30	4.8	.76	.28	.27
30	.94	.96	.97	.90	-----	2.4	2.7	20	4.1	.64	.24	.30
31	.89	-----	.98	.90	-----	2.2	-----	19	-----	.62	.24	-----
TOTAL	13.27	31.12	31.65	31.15	37.0	54.5	64.8	334.0	377.5	72.84	12.41	8.40
MEAN	.43	1.04	1.02	1.00	1.32	1.76	2.16	10.8	12.6	2.35	.40	.28
MAX	.94	2.3	1.1	1.5	1.6	2.6	3.7	50	36	4.7	.67	.39
MIN	.10	.70	.91	.81	1.0	1.3	1.6	3.4	4.1	.62	.24	.20
AC-FT	26	62	63	62	73	108	129	662	749	144	25	17
CAL YEAR 1994 TOTAL	1,025.16		MEAN	2.81	MAX	46	MIN	.09	AC-FT	2,030		
WTR YEAR 1995 TOTAL	1,068.64		MEAN	2.93	MAX	50	MIN	.10	AC-FT	2,120		

REPUBLICAN RIVER BASIN

HARLAN COUNTY RESERVOIR near Republican City, 06849000 - 1995

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 13,550 square miles contributes directly to surface runoff.

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

PERIOD OF RECORD.--November 1952 - present

REMARKS.--Published by U.S. Geological Survey up to Oct. 1, 1994.
Area and storage data provided by the U.S. Army Corps of Engineers.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents 497,400 acre-feet April 6, 1960, elevation 1,955.67 ft.
Minimum since start of operation, 110,300 acre-feet October 22 to November 6, 1953, elevation 1,922.00 ft.

EXTREMES FOR CURRENT YEAR.--Maximum contents 386,100 acre-feet June 6, elevation 1950.99 feet;
minimum contents 248,300 acre-feet September 17, elevation 1940.47 feet.

STORAGE CAPACITY TABLE.--elevation in feet, storage in acre-feet

1,928	128,300	1,940	243,100	1,955	449,810
1,930	144,300	1,945	302,000	1,960	536,460
1,935	190,800	1,950	371,310		

DAILY CONTENTS IN ACRE-FEET WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	265,200	266,700	274,400	284,400	294,700	304,200	321,600	338,000	382,500	351,700	305,900	262,000
2	265,400	266,700	274,800	284,400	295,300	304,600	322,000	338,800	383,400	349,800	304,500	260,900
3	265,400	266,700	274,800	284,400	295,600	304,700	322,600	340,900	383,700	349,800	302,800	259,500
4	265,400	267,100	275,300	284,500	295,700	305,300	323,000	341,200	384,900	349,100	299,800	258,100
5	265,100	267,300	275,400	284,700	296,200	305,500	323,400	342,000	385,800	348,500	299,400	257,000
6	265,400	267,100	276,300	285,000	296,600	306,700	323,500	342,700	386,100	347,300	297,600	256,700
7	265,400	267,400	276,200	285,200	297,000	306,700	324,300	346,000	385,700	346,700	296,300	255,300
8	265,200	267,700	276,500	285,500	297,000	306,600	324,900	347,400	385,700	345,700	294,800	254,400
9	265,100	267,900	276,700	285,700	297,700	307,000	325,000	348,800	384,600	344,300	294,100	253,700
10	265,000	267,900	276,800	285,900	298,000	307,500	326,100	349,400	383,300	343,000	292,500	252,800
11	265,000	268,100	276,800	286,100	298,200	308,000	326,900	349,400	382,700	341,300	290,900	252,000
12	264,900	268,500	277,000	286,300	298,500	308,800	326,500	349,800	381,800	339,500	289,100	251,500
13	264,900	268,700	277,200	286,700	298,600	309,200	326,800	349,800	380,600	337,400	287,300	250,800
14	264,800	268,700	277,600	286,900	298,900	309,700	327,600	349,700	379,700	335,900	286,300	249,600
15	265,100	268,700	277,800	287,300	299,000	310,000	327,600	349,500	378,000	334,200	285,300	249,400
16	265,600	268,800	278,100	287,900	299,200	310,500	328,200	349,200	377,100	332,400	284,800	248,700
17	265,900	269,100	278,400	288,000	299,600	311,400	329,500	350,400	375,800	330,500	283,800	248,300
18	265,900	269,200	278,600	288,500	300,100	311,800	330,200	350,500	374,300	329,000	282,900	248,700
19	266,000	269,300	279,100	288,900	300,900	312,700	330,300	350,700	372,800	327,900	281,900	249,400
20	266,200	271,300	279,400	289,200	301,200	313,100	331,600	350,700	371,200	326,200	280,700	249,900
21	266,500	271,000	279,800	289,500	301,500	313,600	332,100	350,500	369,100	324,900	279,600	250,500
22	266,500	271,400	280,100	290,000	301,800	314,300	332,500	350,400	367,600	323,400	278,400	250,300
23	266,500	271,500	280,500	290,400	302,200	314,400	333,200	352,700	366,000	321,600	276,700	250,100
24	266,400	271,700	281,000	290,700	302,700	314,800	333,700	353,500	364,500	319,600	275,500	250,200
25	266,400	272,000	281,300	291,000	303,200	316,200	334,200	354,300	362,500	318,700	273,700	250,200
26	266,400	272,600	281,800	291,600	303,500	319,500	334,800	356,600	360,600	316,800	272,200	250,200
27	266,500	273,500	282,200	292,600	303,700	319,500	334,800	366,700	358,600	315,200	270,300	250,100
28	266,600	273,700	282,300	292,800	303,800	319,800	335,200	371,800	357,300	313,400	268,500	250,300
29	266,500	273,900	282,900	293,100	-----	320,000	335,900	376,400	355,300	311,400	266,400	250,700
30	266,700	274,100	283,400	293,700	-----	320,800	337,300	379,500	353,000	309,700	265,000	250,900
31	266,700	-----	284,100	294,200	-----	321,400	-----	381,200	-----	308,000	263,300	-----
MAX	266,700	274,100	284,100	294,200	303,800	321,400	337,300	381,200	386,100	351,700	305,900	262,000
MIN	264,800	266,700	274,400	284,400	294,700	304,200	321,600	338,000	353,000	308,000	263,300	248,300
CHANGE	1,500	7,400	10,000	10,100	9,600	17,600	15,900	43,900	-28,200	-45,000	-44,700	-12,400
CAL YEAR 1994			MEAN	303,051	MAX	343,100	MIN	264,800				
WTR YEAR 1995			MEAN	303,181	MAX	386,100	MIN	248,300				

REPUBLICAN RIVER BASIN

THOMPSON CREEK at Riverton, 06851500 - 1995

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.

E indicates estimated daily discharge. Estimated daily discharges; January 1-9, 17-24, February 5-15, February 27-March 9, November 3-5, 9-11, 27-28, December 6-12, 17-25, 30-31; due to backwater from ice conditions.

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 7.8 cubic feet per second July 28, 1995.

EXTREMES FOR CURRENT YEAR.--Peak discharge 1,740 cubic feet per second May 27, gage height 9.46 feet; minimum daily discharge 7.8 cubic feet per second July 28.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19	24	29	21E	20	19E	26	29	43	19	21	17
2	22	24	28	21E	21	18E	24	27	47	19	26	17
3	22	25	31	21E	21	19E	25	39	50	22	21	13
4	21	24	26	20E	21	20E	24	32	164	21	16	13
5	22	25	25E	21E	20E	20E	25	32	218	15	48	11
6	21	26	24E	21E	18E	19E	25	32	146	15	335	16
7	23	26	23E	20E	17E	17E	25	70	64	14	131	14
8	20	25	25E	21E	17E	16E	25	57	44	14	34	13
9	20	23	26E	22E	19E	28	25	38	48	14	16	12
10	20	24	27E	23	18E	29	25	35	31	9.6	21	13
11	21	24	25E	23	18E	26	23	31	35	10	20	13
12	21	25	24E	23	18E	28	23	31	36	9.6	22	14
13	20	27	24	23	18E	27	23	30	27	13	26	14
14	21	28	24	22	18E	26	23	30	31	11	34	12
15	24	28	22	23	19E	26	24	27	29	13	77	13
16	25	28	22	23	23	25	26	29	28	12	51	14
17	22	28	21	19E	24	24	26	32	28	13	25	14
18	22	28	21	19E	24	26	27	32	26	12	17	13
19	24	28	24	18E	25	27	24	31	30	18	20	18
20	24	36	23	18E	24	29	26	28	24	13	27	24
21	24	32	20	17E	23	25	26	28	30	9.4	33	25
22	24	29	21	17E	24	28	25	30	28	9.3	23	23
23	22	29	21	16E	23	29	25	48	28	8.9	17	25
24	22	27	22	17E	23	28	26	34	42	10	17	26
25	24	27	24	17	23	30	24	25	24	9.3	19	27
26	24	29	24	18	22	35	26	23	24	10	18	26
27	24	38	22	20	20E	30	24	1,120	21	9.0	16	23
28	24	32	21	20	21E	28	24	1,030	19	7.8	13	23
29	24	30	21	19	-----	28	24	325	21	8.9	11	24
30	23	29	21E	20	-----	26	27	104	19	11	13	23
31	24	-----	21E	20	-----	26	-----	55	-----	12	14	-----
TOTAL	693	828	732	623	582	782	745	3,514	1,405	392.8	1,182	533
MEAN	22.4	27.6	23.6	20.1	20.8	25.2	24.8	113	46.8	12.7	38.1	17.8
MAX	25	38	31	23	25	35	27	1,120	218	22	335	27
MIN	19	23	20	16	17	16	23	23	19	7.8	11	11
AC-FT	1,370	1,640	1,450	1,240	1,150	1,550	1,480	6,970	2,790	779	2,340	1,060
CAL YEAR 1994 TOTAL		11,400.0	MEAN	31.2	MAX	559	MIN	12	AC-FT	22,610		
WTR YEAR 1995 TOTAL		12,011.8	MEAN	32.9	MAX	1,120	MIN	7.8	AC-FT	23,830		

REPUBLICAN RIVER BASIN

ELM CREEK at Amboy, 06852000 - 1995

LOCATION.--NE1/4NW1/4 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, 200 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, 1960 - 1977, occasional low flow measurements 1954 - 1977, 1977 - present

REMARKS.--Published by U. S. Geological Survey up to Oct. 1, 1993.
E indicates estimated daily discharge.

EXTREMES FOR PERIOD OF RECORD.--Peak discharge 7,800 cubic feet per second September 29, 1983 at gage height 16.96 ft. from flood mark; maximum gage height 17.05 ft. July 4, 1959; minimum daily discharge 6.2 cubic feet per second August 28, 1990.

EXTREMES FOR CURRENT YEAR.--Peak discharge 374 cubic feet per second May 28, gage height 11.88 feet; minimum daily discharge 8.7 cubic feet per second September 10.

DAILY DISCHARGE IN CUBIC FEET PER SECOND WATER YEAR OCT 1994 TO SEP 1995

Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10	13	15	13E	15E	13E	16	18	22	14	10	9.4
2	11	14	14	14E	15E	14E	16	16	21	14	9.9	10
3	11	14	14	13E	15E	14E	16	19	20	14	9.5	10
4	11	14	14	14E	15E	13E	14	20	25	16	9.2	9.9
5	12	14	13E	14E	15E	13E	15	21	66	21	9.1	9.6
6	12	14	12E	14E	15E	13E	15	19	71	17	30	9.7
7	10	14	11E	14E	15E	12E	15	36	25	14	62	9.8
8	9.8	14	12E	14E	15	12E	15	160	20	13	19	9.1
9	9.9	14	13E	15E	15	14E	15	57	19	13	15	8.9
10	10	13	13E	15E	14E	16	14	26	19	12	14	8.7
11	10	14	12E	15E	13E	16	14	20	18	12	13	9.4
12	10	14	12E	15E	12E	16	15	20	18	11	12	9.4
13	11	15	12E	15E	13E	15	16	20	17	11	11	9.5
14	11	14	13E	15E	14E	15	17	18	17	11	62	9.4
15	12	14	13E	15E	14E	15	17	17	17	11	22	9.3
16	14	14	14	15E	15	15	16	20	16	11	15	9.1
17	14	15	15	15E	15	15	16	26	16	11	14	9.0
18	13	15	15	15E	15	15	19	75	16	11	13	9.3
19	13	15	15	15E	15	15	17	38	15	11	13	9.9
20	12	18	15	15E	15	15	18	23	15	12	12	9.6
21	12	20	16	14E	15	15	18E	21	15	11	12	10
22	12	15	16	14E	15	15	17E	20	14	10	11	9.8
23	11	14	16	15E	15	15	16E	34	15	11	11	9.9
24	12	14	16	15E	15	16	15E	60	15	10	9.9	9.9
25	12	14	16	15E	15	17	14	28	15	11	10	9.9
26	12	14	15	16E	15	19	15	20	14	9.8	10	9.8
27	12	17	15	18E	14E	15	15	151	14	9.0	11	10
28	13	15	16	20E	14E	15	15	234	14	9.0	10	10
29	13	15	16	18E	-----	15	14	46	14	9.2	9.8	12
30	12	14	16	15E	-----	15	16	27	14	8.9	9.6	11
31	13	-----	14E	15E	-----	16	-----	23	-----	10	9.1	-----
TOTAL	360.7	438	439	465	408	459	471	1,333	617	368.9	488.1	291.3
MEAN	11.6	14.6	14.2	15.0	14.6	14.8	15.7	43.0	20.6	11.9	15.7	9.71
MAX	14	20	16	20	15	19	19	234	71	21	62	12
MIN	9.8	13	11	13	12	12	14	16	14	8.9	9.1	8.7
AC-FT	715	869	871	922	809	910	934	2,640	1,220	732	968	578
CAL YEAR 1994 TOTAL		5,823.0	MEAN	16.0	MAX	245	MIN	9.8	AC-FT	11,550		
WTR YEAR 1995 TOTAL		6,139.0	MEAN	16.8	MAX	234	MIN	8.7	AC-FT	12,180		

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